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대전광역시 수도정비기본계획(변경)

배수관망

수리계산

2011.6



대전광역시
상수도사업본부

목 차

제1장 2008년 현재

1. 대전광역시 격점 관망해석자료
2. 대전광역시 관로 관망해석자료

제2장 2025년 계획

1. 대전광역시 격점 관망해석자료
2. 대전광역시 관로 관망해석자료

제1장 2008년 현재

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
1	85.32	42.53	121.26	35.94	
2	61.4	1.55	98.14	36.74	
3	98.67	0	127.5	28.83	
4	110.4	5.54	224.55	114.15	
5	88.87	15.79	110.02	21.15	
6	79.07	9.57	95.85	16.78	
7	65.21	1.38	117.34	52.13	
8	65.93	23.25	97.97	32.04	
10	122.9	2.73	158.92	36.02	
11	134.7	46.05	309.55	174.85	
12	54.86	13.5	93.5	38.64	
13	43.83	0	98.54	54.71	
14	74.63	32.32	97.37	22.74	
15	177.3	71.39	309.34	132.04	
16	209.61	1.72	388.21	178.6	
17	94.21	24.51	146.94	52.73	
18	57.94	0	98.58	40.64	
19	70.82	1.2	96.87	26.05	
20	78.24	0	96.92	18.68	
21	63.4	37.9	97.09	33.69	
22	62.84	0	97.15	34.31	
23	56.35	16.44	98.87	42.52	
24	76.7	754.83	98.18	21.48	
25	55.55	2214.53	98.37	42.82	
26	67.1	67.92	96.1	29	
27	73.35	55.15	98.03	24.68	
28	74.24	1981.1	97.86	23.62	
29	66.63	0	96.16	29.53	
30	64.84	48.16	98.03	33.19	
31	69.34	0	99.01	29.67	
32	53.78	4.03	98.9	45.12	
33	42.62	11.74	100.26	57.64	
34	42.69	3.99	100.25	57.56	
35	45.25	5.12	98.85	53.6	
36	46.9	54.85	98.72	51.82	
37	46.9	812.72	98.57	51.67	
38	121.74	12.43	191.08	69.34	
39	153.3	62.45	222.7	69.4	
40	161.9	36.68	289.47	127.57	
41	107.67	3.54	303.18	195.51	
42	41.54	7.16	99.51	57.97	
43	40.28	18.93	99.25	58.97	
44	38.68	24.9	100.97	62.29	
45	73.72	208.12	98.73	25.01	
46	54.64	558.15	98.79	44.15	
48	58.54	1472.76	98.8	40.26	
49	52.45	31.19	98.58	46.13	
50	53.33	3.74	98.9	45.57	
51	64.22	66.75	98.99	34.77	
52	64.54	604.03	99.52	34.98	
53	68.19	9.7	102.52	34.33	
54	56.27	10.63	102.35	46.08	
55	67.75	39.82	99.92	32.17	
56	52.09	12.25	99.72	47.63	
57	48.44	24.51	101.32	52.88	
58	57.05	3.44	101.06	44.01	
59	51.41	10.72	100.75	49.34	
60	59.2	5.33	101.96	42.76	
61	57.72	34.38	100.03	42.31	
62	78.55	69.77	100.73	22.18	
63	77.45	66.61	100.69	23.24	
64	82.08	101.06	122.05	39.97	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
65	80.74	27.84	99.56	18.82	
66	50.05	11.96	98.71	48.66	
67	64.21	3.36	100.43	36.22	
68	76.58	466.08	102.7	26.12	
69	54.5	84.73	100.44	45.94	
70	60.75	213.18	98.78	38.03	
71	44.4	16.65	100.35	55.95	
72	46.28	4.76	101.22	54.94	
73	49.37	41.54	101.22	51.85	
74	48.54	74.52	101.08	52.54	
75	45.42	0	99.62	54.2	
76	46.7	55.65	100.58	53.88	
77	83.58	30.11	96.8	13.22	
78	67.39	198.08	97.88	30.49	
79	40.35	48.57	98.19	57.84	
80	44.52	440.78	98.79	54.27	
81	49.79	77.47	98.53	48.74	
82	45.91	0	98.46	52.55	
83	80.18	66.97	99.47	19.29	
84	70.49	184.04	99.67	29.18	
85	43.25	15.26	98.23	54.98	
86	40.52	4.86	97.35	56.83	
87	42.23	137.74	99.04	56.81	
88	43.02	150.25	101.72	58.7	
89	40.37	1276.13	97.62	57.25	
90	42.85	1350.6	98.66	55.81	
91	54.09	0	94.38	40.29	
92	40.11	112.93	96.54	56.43	
93	44.23	2261.72	98.6	54.37	
94	42.41	1466.56	98.59	56.18	
95	40.72	1545.69	98.5	57.78	
96	40.85	1479.88	98.5	57.65	
97	44.47	67.27	98.49	54.02	
98	40.83	752.02	98.57	57.74	
99	42.63	818.36	98.53	55.9	
100	40.57	11.61	85.88	45.31	
101	59.48	0	86.9	27.42	
102	60.28	38.43	99.51	39.23	
103	43.46	9.73	97.44	53.98	
104	43.3	535.23	99.12	55.82	
105	62.93	67.68	99.05	36.12	
106	72.68	9.34	99.47	26.79	
107	80.16	89.72	141.02	60.86	
108	60.77	260.08	99.61	38.84	
109	53.05	0	99.63	46.58	
110	49.05	11.06	96.91	47.86	
111	61.05	11.65	99.77	38.72	
112	52.77	18.7	98.71	45.94	
113	53.15	37.38	98.48	45.33	
114	52.46	0	98.5	46.04	
115	43.8	8.82	98.81	55.01	
116	45.5	0	99.03	53.53	
117	49.12	72.12	98.87	49.75	
118	47.12	7.85	98.94	51.82	
119	71.49	1.85	96.01	24.52	
120	53.08	50.3	98.25	45.17	
121	56.44	27.16	98.17	41.73	
122	53.34	8.59	98.44	45.1	
123	75.27	0	99.24	23.97	
124	67.07	43.03	98.86	31.79	
125	63.93	38.45	98.15	34.22	
126	67.07	42.89	99	31.93	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
127	55.61	16.78	98.18	42.57	
128	70.68	30.33	99.22	28.54	
129	63.57	5.86	98.87	35.3	
130	67.4	3.17	100.3	32.9	
131	65.62	9.68	100.5	34.88	
132	76.36	10.27	100.37	24.01	
133	72.67	0	100.35	27.68	
134	36.5	2.41	97.4	60.9	
135	39.1	16.24	97.4	58.3	
137	41.91	6.19	99.36	57.45	
139	59.09	50.22	98.61	39.52	
140	61.88	1430.9	98.68	36.8	
141	63.85	5.6	99.5	35.65	
142	50.83	7.75	97.54	46.71	
143	42.58	15.2	97.57	54.99	
144	41.63	12.19	99.53	57.9	
145	43.68	91.89	99.32	55.64	
146	47.18	7.34	100.97	53.79	
147	42.05	16.82	97.25	55.2	
148	46.75	90	97.15	50.4	
149	63.11	7.92	99.73	36.62	
150	153.16	12.96	198.04	44.88	
151	61.91	14.12	129.76	67.85	
152	32.25	385.33	75.68	43.43	
153	31.75	2.49	75.68	43.93	
154	34.87	1756.94	88.66	53.79	
155	41.44	32.37	97.63	56.19	
156	34.8	205.99	88.16	53.36	
157	47.92	55.24	88	40.08	
158	117.76	29.3	160	42.24	
159	79.56	0	98.18	18.62	
160	37.54	13.17	131.54	94	
161	36.67	18.74	131.58	94.91	
162	44.79	1.95	131.58	86.79	
163	36.13	3.73	131.69	95.56	
164	63.45	6.13	130.83	67.38	
165	47.71	16.01	130.83	83.12	
166	55.78	17.43	131.82	76.04	
167	66.19	18.69	129.79	63.6	
168	58.71	13.44	131.82	73.11	
170	58	26.91	129.74	71.74	
171	65.1	10	129.76	64.66	
172	98.41	0.42	129.76	31.35	
173	47.69	34.85	75.93	28.24	
174	30.84	13.97	81.77	50.93	
175	31.93	18.49	55.64	23.71	
176	40.93	27.45	89.03	48.1	
177	43.44	9.44	97.58	54.14	
178	39.18	75.09	88.76	49.58	
179	31.42	95.18	75.91	44.49	
180	29.07	0.04	75.74	46.67	
181	35.21	1267.89	75.87	40.66	
182	48.3	18.07	98.32	50.02	
183	47.55	1309.69	97.58	50.03	
184	100.86	7.44	171.53	70.67	
185	54.16	107.61	98.03	43.87	
186	65.09	38.2	98.82	33.73	
187	78.74	29.44	100.86	22.12	
188	75.16	0	118.44	43.28	
189	63.49	33.31	100.4	36.91	
190	48.76	103.86	98.72	49.96	
191	52.14	8.91	99.37	47.23	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
192	64.08	20.99	99.53	35.45	
193	64.82	671.98	100.13	35.31	
194	78.26	43.38	173.28	95.02	
195	78.26	0	100.69	22.43	
196	88.66	23.77	169.07	80.41	
197	70.15	0	96.2	26.05	
198	77.71	161.93	139.93	62.22	
200	96.29	2.33	143.93	47.64	
201	64.45	95.02	205.29	140.84	
202	62.86	3.56	205.46	142.6	
203	70.05	23.63	98.65	28.6	
204	72.58	42.35	110.3	37.72	
205	68.13	350.54	141.89	73.76	
206	68.85	36.39	98.92	30.07	
207	71.06	16.79	98.76	27.7	
208	70.12	105.68	98.71	28.59	
210	64.48	83.37	99.19	34.71	
211	41.67	22.05	100.06	58.39	
212	77.69	3.26	100.47	22.78	
213	82.8	288.2	100.98	18.18	
214	50.56	201.12	98.6	48.04	
215	42.86	0	100.45	57.59	
216	48.48	51.42	98.38	49.9	
217	120.48	80.72	262.43	141.95	
218	105.69	22.74	161.99	56.3	
219	119.09	2.17	128.02	8.93	
220	187.55	1.01	240.06	52.51	
221	63.48	24.41	98.39	34.91	
222	60.06	18.79	98.15	38.09	
223	30.57	18.13	80.35	49.78	
224	46.22	1.56	91.34	45.12	
225	30.95	26.69	81.79	50.84	
226	32.31	1742.29	81.56	49.25	
227	31.14	16.21	81.78	50.64	
228	30.86	11.79	81.78	50.92	
229	32.19	24.29	81.71	49.52	
230	31.25	25.85	81.74	50.49	
231	31.31	10.5	81.76	50.45	
232	30.44	14.49	81.87	51.43	
233	30.71	11.77	81.7	50.99	
234	31.59	16.18	81.77	50.18	
235	30.81	13.4	81.78	50.97	
236	30.81	9.06	81.78	50.97	
237	31.11	12.94	81.77	50.66	
238	30.92	2.11	81.8	50.88	
239	31.59	7.58	81.67	50.08	
240	31.11	23.16	81.73	50.62	
241	31.1	16.98	81.7	50.6	
242	31.11	16.96	81.69	50.58	
243	31.08	17.39	81.67	50.59	
244	31.2	139.13	80.49	49.29	
245	31.5	46.79	81.7	50.2	
246	31.38	14.51	81.67	50.29	
247	31.74	141.86	81.66	49.92	
248	33.29	8.44	81.67	48.38	
249	35.87	27.9	81.52	45.65	
250	34.25	10.69	81.67	47.42	
251	32.01	45.5	81.67	49.66	
252	31.23	6.93	80.65	49.42	
253	31.82	23.12	80.7	48.88	
254	30.86	18.78	80.65	49.79	
255	30.95	12.8	80.65	49.7	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
256	34.11	60.79	83.35	49.24	
257	32.15	31.1	81.77	49.62	
258	33.44	197.28	81.82	48.38	
259	34.65	9.03	81.84	47.19	
260	45.71	3.13	81.86	36.15	
261	32.63	13.21	84.02	51.39	
262	37.37	9.44	81.84	44.47	
263	39.36	10.11	81.86	42.5	
264	43.13	185.89	82.79	39.66	
265	41.66	9.05	81.89	40.23	
266	36.56	17.36	88.27	51.71	
267	35.17	28.93	88.17	53	
268	36.13	127.76	88.3	52.17	
269	35.77	7.11	88.48	52.71	
270	36.72	28.63	88.27	51.55	
271	37.8	48.81	88.24	50.44	
272	35.33	17.91	88.33	53	
273	35.56	13.06	88.74	53.18	
274	38.5	13.55	88.41	49.91	
275	35.64	12.4	88.29	52.65	
276	36.17	17.4	88.33	52.16	
277	31.81	26.19	87.49	55.68	
278	35.54	49.77	88.05	52.51	
279	32.55	38.99	87.76	55.21	
280	39.29	26.97	87.67	48.38	
281	36.5	17.19	87.54	51.04	
282	40.24	31.29	87.99	47.75	
283	36.52	43.55	88.24	51.72	
284	40.47	71.56	88.14	47.67	
285	36.87	68.18	88.14	51.27	
286	50.54	12.06	88.01	37.47	
287	36.26	265.53	87.46	51.2	
288	31.11	7.62	87.25	56.14	
289	41.77	45.65	87.84	46.07	
290	39.38	17.96	87.61	48.23	
291	42.39	52.34	88.01	45.62	
292	49.18	19.8	88.01	38.83	
293	49.1	14.57	88.01	38.91	
294	49.75	13.34	88	38.25	
295	47.17	11.99	88.01	40.84	
296	49.83	12.19	88	38.17	
297	49.77	8.44	87.99	38.22	
298	47.63	13.86	88.01	40.38	
299	45.24	54.83	88.01	42.77	
300	46.54	12.15	88	41.46	
301	49.49	2.08	87.99	38.5	
302	45.39	638.51	87.97	42.58	
303	46.22	363.43	87.97	41.75	
304	42.51	102.72	87.99	45.48	
305	36.69	11.37	88	51.31	
306	41.75	71.14	88	46.25	
307	34.53	44.01	88.08	53.55	
308	34.53	71.97	88.03	53.5	
309	33.33	75.72	88.05	54.72	
310	34.22	7.03	88.08	53.86	
311	38.69	29.42	88.01	49.32	
312	33.62	36.14	88.04	54.42	
313	32.9	1.92	87.97	55.07	
314	43.38	40.43	87.95	44.57	
315	49.12	44.2	87.93	38.81	
316	33.13	61.92	87.99	54.86	
317	32.55	12.86	87.74	55.19	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
318	33.49	418.66	87.7	54.21	
319	41.36	50.15	87.71	46.35	
320	31.94	24.83	87.67	55.73	
321	31.38	8.65	87.59	56.21	
322	30.07	19.33	87.34	57.27	
323	30.2	0	86.91	56.71	
324	30.35	61.87	87.31	56.96	
325	31.66	9.92	87.34	55.68	
326	31.52	1.9	87.39	55.87	
327	31.15	3.81	87.31	56.16	
328	31.34	0.32	87.14	55.8	
329	31.23	5.71	87.2	55.97	
330	30.93	0.18	87.11	56.18	
331	30.6	6.79	87.26	56.66	
332	30.53	14.54	87.28	56.75	
333	30.64	0	86.8	56.16	
334	30.92	0	86.74	55.82	
335	30.17	0	86.9	56.73	
336	30.87	7.41	86.8	55.93	
337	30.87	13.41	86.85	55.98	
338	35.53	16.44	87.05	51.52	
339	36.4	27.06	87.28	50.88	
340	45.72	25.74	87.84	42.12	
341	45.29	44.31	87.86	42.57	
342	41.32	6.88	87.87	46.55	
343	30.46	8.33	87.05	56.59	
344	30.35	135.01	86.93	56.58	
345	29.69	69.59	87.05	57.36	
346	31.73	275.34	87.36	55.63	
347	31.56	88.85	87.05	55.49	
348	32.63	47.8	87.17	54.54	
349	30.7	8.83	87.32	56.62	
350	32.75	110.84	87.72	54.97	
351	34.41	145.02	87.46	53.05	
352	30.7	25.18	87.32	56.62	
353	31.34	7.78	87.31	55.97	
354	34.28	40.17	87.28	53	
355	36.45	23.27	87.36	50.91	
356	33.06	16.48	87.83	54.77	
357	33.09	4.63	87.92	54.83	
358	34.36	1.34	88.11	53.75	
359	34.44	7.7	88.11	53.67	
360	34.31	9.74	88.14	53.83	
361	33.94	11.48	88.03	54.09	
362	36.17	10.59	88.27	52.1	
363	34.18	143.3	87.94	53.76	
364	33.38	11.5	87.81	54.43	
365	34.09	97.79	88.07	53.98	
366	38.34	9.19	87.8	49.46	
367	37.25	15.34	87.61	50.36	
368	40.54	13.31	87.86	47.32	
369	36.17	11.75	88.2	52.03	
370	36.53	13.97	88.39	51.86	
371	36.53	28.71	88.33	51.8	
372	37.72	12.46	88.51	50.79	
373	34.51	38.13	88.07	53.56	
374	40.45	23.24	88.37	47.92	
375	34.31	7.08	88.17	53.86	
376	35.67	14.67	88.2	52.53	
377	34.49	58.71	88.15	53.66	
378	44.31	55.2	87.84	43.53	
379	38.37	37.6	87.54	49.17	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	등수두 (m)	잔류수두 (m)	비고
380	42.62	18.79	87.87	45.25	
381	40.12	82.7	87.87	47.75	
382	38.41	257.43	87.9	49.49	
383	40.27	160.94	87.9	47.63	
384	38.73	45.34	88.89	50.16	
385	39.81	54.73	88.43	48.62	
386	46.79	17.6	88.46	41.67	
387	40.33	21.6	88.36	48.03	
388	40.48	3.95	88.24	47.76	
389	34.73	18.52	88.12	53.39	
390	37.7	85.52	88.18	50.48	
391	41.51	2.52	88.24	46.73	
392	42.49	11.86	88.33	45.84	
393	41.8	10.91	88.21	46.41	
394	36.78	10.75	88.22	51.44	
395	45.46	19.98	88.36	42.9	
396	49.67	16.63	88.58	38.91	
397	45.56	16.13	88.33	42.77	
398	46.74	34.88	88.37	41.63	
399	48.07	27.25	88.41	40.34	
400	43.65	16.23	89.24	45.59	
401	46.78	17.93	89.04	42.26	
402	44.06	8.03	89.04	44.98	
403	50.69	46.66	89.4	38.71	
404	39.81	94.1	89.08	49.27	
405	39.57	63.2	89.04	49.47	
406	40.51	87.62	89.03	48.52	
407	44.87	95.54	89.04	44.17	
408	41.47	39.72	89.13	47.66	
409	47.09	64.77	89.06	41.97	
410	50.56	95.48	89.19	38.63	
411	43.48	55.55	89.29	45.81	
412	50.11	42.49	89.33	39.22	
413	52.42	19.7	89.44	37.02	
414	52.53	16.26	89.47	36.94	
415	46.55	18.4	89.59	43.04	
416	44.56	29.67	89.34	44.78	
417	45.67	55.16	89.47	43.8	
418	46.55	138.36	89.47	42.92	
419	53.39	179.4	89.51	36.12	
420	49.11	2.81	90.22	41.11	
421	52.52	147.65	89.55	37.03	
422	53.58	3.84	91.18	37.6	
423	51.11	4.39	90.62	39.51	
424	49.23	10.46	90.22	40.99	
425	47.83	20.15	90.4	42.57	
426	48.37	12.16	89.95	41.58	
427	45.59	23.35	89.43	43.84	
428	49.57	21.15	89.51	39.94	
429	43.58	29.31	89.19	45.61	
430	51.36	45.31	89.41	38.05	
431	50.31	13.58	89.24	38.93	
432	49.92	13.96	89.41	39.49	
433	47.05	35.23	89.52	42.47	
434	51.1	69.09	89.35	38.25	
435	50.36	19.8	89.4	39.04	
436	48.88	64.02	89.43	40.55	
437	46.9	124.8	90.93	44.03	
438	50.52	28.76	89.67	39.15	
439	51.33	69.11	89.88	38.55	
440	48.37	197.29	90.12	41.75	
441	49.34	84.5	90.08	40.74	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
442	46.38	2.82	91.33	44.95	
443	46.87	71.52	90.94	44.07	
444	60.53	22.72	91.71	31.18	
445	53.3	9.88	91.4	38.1	
446	56.67	19.91	91.76	35.09	
447	57.17	0	91.71	34.54	
448	57.85	0	91.71	33.86	
449	58.52	12.77	91.92	33.4	
450	55.84	8.98	91.71	35.87	
451	59.89	17.04	91.72	31.83	
452	52.52	9.5	91.44	38.92	
453	57.71	11.13	91.69	33.98	
454	58.52	11.13	91.69	33.17	
455	61.17	9.66	91.71	30.54	
456	49.57	12.16	91.33	41.76	
457	50.73	13.08	91.55	40.82	
458	39.78	32.66	98.5	58.72	
459	40.72	18.89	98.71	57.99	
460	39.44	8.01	98.32	58.88	
461	49.81	65.68	98.38	48.57	
462	42.54	12.31	98.43	55.89	
463	59.36	14.14	98.37	39.01	
464	56.71	158.88	97.62	40.91	
465	45.45	9.61	98.4	52.95	
466	46.53	8.16	98.39	51.86	
467	52.39	9.83	98.38	45.99	
468	49.65	13.25	98.38	48.73	
469	45.51	11.64	98.33	52.82	
470	50.62	0.32	98.37	47.75	
471	51.86	10.37	98.37	46.51	
472	49.63	9.92	98.35	48.72	
473	49.19	0.94	98.36	49.17	
474	48.6	4.12	98.38	49.78	
475	50.51	9.13	98.35	47.84	
476	41.79	19.18	97.35	55.56	
477	38.47	19.66	98.3	59.83	
478	39.94	8.25	98.33	58.39	
479	39.06	7.51	98.33	59.27	
480	38.5	11.48	98.31	59.81	
481	39.29	116.69	88.95	49.66	
482	40.24	16.53	88.94	48.7	
483	39.53	8.05	88.68	49.15	
484	34.19	0.01	88.67	54.48	
485	34.55	37.92	88.67	54.12	
486	37.89	38.83	88.67	50.78	
487	39.08	16.27	88.68	49.6	
488	38.16	28.15	88.67	50.51	
489	39.08	16.6	88.68	49.6	
490	39.39	12.93	88.68	49.29	
491	41.38	47.88	89.04	47.66	
492	43.5	21.7	89.21	45.71	
493	42.94	35.52	89.55	46.61	
494	41.17	9.33	89.78	48.61	
495	40.47	8.94	89.88	49.41	
496	39.89	23.56	89.88	49.99	
497	48.14	12.46	90.6	42.46	
498	43.81	19.41	90.36	46.55	
499	37.31	16.94	90.05	52.74	
500	47.42	18.11	90.63	43.21	
501	43.33	50.21	90.36	47.03	
502	36.94	21.87	90.08	53.14	
503	44.84	11.01	90.49	45.65	

1.1 대전광역시 격점 관망해석자료 (2008년) .

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
504	43.53	2.34	90.36	46.83	
505	42.89	39.55	90.34	47.45	
506	36.83	47.65	90.17	53.34	
507	43.34	34.43	90.05	46.71	
508	42.13	64.76	89.93	47.8	
509	50.51	69.94	89.9	39.39	
510	48.49	44.75	89.77	41.28	
511	48.34	198.07	89.55	41.21	
512	43.5	8.59	89.22	45.72	
513	41.88	65.08	89.53	47.65	
514	38.91	26.91	88.85	49.94	
515	39.55	14.82	89.16	49.61	
516	39.66	19.54	88.94	49.28	
517	39.4	40.75	88.93	49.53	
518	51.6	124.62	90.04	38.44	
519	44.53	119.53	90.03	45.5	
520	48.6	102.63	90.05	41.45	
521	46.08	129.93	90.17	44.09	
522	46.73	11.32	90.67	43.94	
523	52.51	173.93	90.72	38.21	
524	44.76	60.27	90.74	45.98	
525	50.44	97.37	90.72	40.28	
526	50.45	73.47	90.73	40.28	
527	48.32	0	91.29	42.97	
528	47.39	10.92	90.73	43.34	
529	50.27	58.66	91.29	41.02	
530	53.31	15.56	91.61	38.3	
531	56.44	75.6	91.84	35.4	
532	60	70.98	93.79	33.79	
533	67.36	348.43	91.75	24.39	
534	56.25	25.12	92.03	35.78	
535	52.5	30.11	91.36	38.86	
536	61.1	27.75	92.74	31.64	
537	59.13	64.2	91.86	32.73	
538	61.33	11.68	93.53	32.2	
539	58.35	110.71	93.8	35.45	
540	45.41	57.33	95.47	50.06	
541	52.9	63.94	93.8	40.9	
542	61.48	40.71	92.76	31.28	
543	57.4	50.18	93.91	36.51	
544	60.61	69.37	93.41	32.8	
545	51.33	20.36	94.06	42.73	
546	42.61	27.37	97.49	54.88	
547	51.66	47.28	95.45	43.79	
548	48.09	38.33	96.49	48.4	
549	48.66	18.36	96.49	47.83	
550	51.42	5.07	96.49	45.07	
551	43.54	62.04	97.46	53.92	
552	41.93	6.95	97.58	55.65	
553	43.43	105.85	91.55	48.12	
554	44.59	15.81	93.27	48.68	
555	43.77	12.38	95.31	51.54	
556	43.62	19.97	97.73	54.11	
557	46.78	73.15	96.39	49.61	
558	47.53	83.96	95.09	47.56	
559	43.9	2.72	96.61	52.71	
560	47.87	40.51	96.48	48.61	
561	49.86	86.26	95.48	45.62	
562	50.6	54.21	91.45	40.85	
563	52.13	36.59	91.53	39.4	
564	53.36	40.8	92.52	39.16	
565	54.46	58.43	93.82	39.36	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
566	54.43	76.53	94.65	40.22	
567	49.8	61.87	93.02	43.22	
568	47.53	15.05	94.86	47.33	
569	51.48	53.15	94.57	43.09	
570	47.75	40.3	95.22	47.47	
571	49.41	14.18	88	38.59	
572	53.57	45.32	88.01	34.44	
573	49.56	10.45	88.01	38.45	
574	51.52	4.76	88.01	36.49	
575	51.69	13.4	88.02	36.33	
576	53.25	7.72	88.01	34.76	
577	55.07	19.09	88.05	32.98	
578	55.37	6.5	88.02	32.65	
579	56.53	401.44	88.11	31.58	
580	57.43	7.54	88.01	30.58	
581	57.94	5.32	88.01	30.07	
582	57.34	16.26	88	30.66	
583	61.54	177.08	87.99	26.45	
584	52.78	15.02	88	35.22	
585	54.93	13.4	88	33.07	
586	56.21	19.18	88	31.79	
587	53.46	13.68	88	34.54	
588	39.7	30.02	152.18	112.48	
589	51.24	20.97	152.1	100.86	
590	65.1	7.66	152.17	87.07	
591	37.89	64.16	152.83	114.94	
592	116.7	91.14	174.24	57.54	
593	84.1	18.2	174.19	90.09	
594	91.6	18.1	190.21	98.61	
595	77.98	21.91	190.09	112.11	
596	98.34	41.1	218.1	119.76	
597	81.69	19.66	218.08	136.39	
598	80.94	67.5	226.9	145.96	
599	101.94	62.47	226.24	124.3	
600	95.42	9.02	239.64	144.22	
601	87.15	8.5	239.63	152.48	
602	108.6	38.42	249.15	140.55	
604	123.2	33.62	188.54	65.34	
605	136.44	31.87	188.35	51.91	
606	138.5	16.58	188.38	49.88	
607	119.92	15.83	188.33	68.41	
608	89.45	32.09	188.06	98.61	
609	98.21	34.43	188.13	89.92	
610	84.95	31.54	188.16	103.21	
611	83.05	42.06	188.11	105.06	
612	81.1	8.17	188.11	107.01	
613	82.36	23.6	188.09	105.73	
614	80.5	0	188.07	107.57	
615	83.2	100.74	187.57	104.37	
616	80.7	29.75	188.01	107.31	
617	89.4	7.98	187.99	98.59	
618	119.72	16.35	187.86	68.14	
619	78.8	7.4	187.56	108.76	
620	95.71	49.95	186.9	91.19	
621	85.09	21.88	185.92	100.83	
622	113.54	18.57	188.35	74.81	
623	101.68	44.39	187.44	85.76	
624	122.82	29.96	188.33	65.51	
625	105.7	1.04	187.44	81.74	
626	99.57	84.15	186.73	87.16	
627	91.88	0.78	186.75	94.87	
628	101.47	2.91	186.73	85.26	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
629	84.25	8.4	186.34	102.09	
630	80.39	8.29	186.24	105.85	
631	77.57	83.47	186.2	108.63	
632	135.17	6.1	184.09	48.92	
633	124.13	65.1	183.94	59.81	
634	130.92	17.77	184.07	53.15	
635	131.7	16.09	184.07	52.37	
636	118.25	30.91	184.09	65.84	
637	91.57	19.96	184.15	92.58	
638	96.66	1.98	184.16	87.5	
639	92.15	7.03	127.24	35.09	
640	103.23	3.35	184.16	80.93	
641	115.6	9.27	159.37	43.77	
642	91.5	10.07	159.37	67.87	
643	81.14	411.29	159.09	77.95	
644	91.8	3.64	159.38	67.58	
645	83.54	18.61	159.36	75.82	
646	104.2	14.91	159.51	55.31	
647	125.6	10.02	159.38	33.78	
648	129.04	14.91	158.92	29.88	
650	99.8	87.27	159.64	59.84	
651	95.6	27.86	159.42	63.82	
652	63.53	11.4	97.56	34.03	
653	53.34	13.86	97.57	44.23	
654	59.77	7.42	97.56	37.79	
655	46.6	148.5	97.57	50.97	
656	43.91	6.53	97.58	53.67	
657	45.67	57.05	97.57	51.9	
658	41.73	9.98	97.56	55.83	
659	42.82	8.25	97.57	54.75	
660	42.88	9.83	97.57	54.69	
661	49.13	12.71	97.57	48.44	
662	47.35	9.94	97.56	50.21	
663	49.13	1.87	97.57	48.44	
664	46.56	7.54	97.56	51	
665	45.33	9.85	97.56	52.23	
666	43.58	9.23	97.56	53.98	
667	55.79	6.81	97.56	41.77	
668	46.75	9.16	97.59	50.84	
669	43.81	0	97.58	53.77	
670	41.86	0	97.56	55.7	
671	40.1	12.55	97.59	57.49	
673	51.48	32.84	97.62	46.14	
674	67.33	11.02	97.86	30.53	
675	42.24	46.24	97.59	55.35	
676	41.84	8.06	97.58	55.74	
677	43.78	13.26	97.6	53.82	
678	47.72	80.67	97.6	49.88	
679	42.65	11.02	97.6	54.95	
680	41.14	11.89	97.59	56.45	
681	40.64	10	97.59	56.95	
682	40.48	7.16	97.6	57.12	
683	40.44	11.41	97.6	57.16	
684	40.65	6.63	97.59	56.94	
685	38.83	13.39	97.59	58.76	
686	157.53	5.23	231.55	74.02	
687	76.29	27.47	120.14	43.85	
688	69.15	13.17	120.15	51	
689	66.85	4.78	120.16	53.31	
690	66.18	7.69	120.16	53.98	
691	69.48	25.57	120.16	50.68	
692	42.23	254.66	96.9	54.67	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
693	57.18	46.05	96.89	39.71	
694	53.2	53.77	96.91	43.71	
695	41.27	5.16	96.93	55.66	
696	39.59	11.89	97.25	57.66	
697	40.26	17.59	97.23	56.97	
698	68.67	10.74	98.14	29.47	
699	40.74	24.13	97.17	56.43	
700	41.08	9.67	97.16	56.08	
701	42.76	69.37	97.26	54.5	
702	42.58	17.48	96.9	54.32	
703	42.5	1169.12	96.89	54.39	
704	67.69	38.39	98.1	30.41	
705	47.21	206.26	98.15	50.94	
706	47.09	5.41	98.16	51.07	
707	48.65	0	98.27	49.62	
708	48.65	0	98.27	49.62	
709	48.66	2.8	98.27	49.61	
710	61.28	425.55	97.84	36.56	
711	67.64	78.24	98.13	30.49	
712	44.87	7.39	97.17	52.3	
713	44.6	11.3	98.46	53.86	
714	43.49	8.64	97.24	53.75	
715	44.9	20.34	97.17	52.27	
716	46.44	12.8	97.18	50.74	
717	48.71	4.26	97.24	48.53	
718	44.41	16.04	97.17	52.76	
719	42.7	11.91	97.15	54.45	
720	44.21	1.77	97.16	52.95	
721	44.25	11.23	97.17	52.92	
722	42.36	27.91	97.17	54.81	
723	42.77	4.26	97.16	54.39	
724	45.38	39.47	97.16	51.78	
725	43.88	9.26	97.18	53.3	
726	42.56	10.11	97.19	54.63	
727	40.46	10.31	97.34	56.88	
728	44.05	7.97	97.34	53.29	
729	70.75	11.54	98.15	27.4	
730	55.06	7.89	98.09	43.03	
731	38.9	17.69	100.98	62.08	
732	40.76	293.39	98.91	58.15	
733	40.46	11.29	99.54	59.08	
734	39.85	17.88	100.98	61.13	
735	40.33	7.85	99.66	59.33	
736	40.75	9.18	99.63	58.88	
737	40.14	247.25	100.98	60.84	
738	41.79	53.51	99.64	57.85	
739	43.51	183.01	99.28	55.77	
740	45.25	37.85	99.91	54.66	
741	42.66	45.85	100.95	58.29	
742	40.24	47.25	99.6	59.36	
743	40.24	0	99.6	59.36	
744	40.4	7.67	99.61	59.21	
745	46.16	132.06	99.17	53.01	
746	51.6	728.13	99.01	47.41	
747	50.06	859.77	99.26	49.2	
748	68.42	1.48	98.67	30.25	
749	68.77	15.38	98.64	29.87	
750	71.24	3.99	98.62	27.38	
751	65.57	12	98.63	33.06	
752	77.56	7.45	98.59	21.03	
753	78.19	1.64	98.58	20.39	
754	70.17	5.04	98.61	28.44	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
755	69.54	17.48	98.6	29.06	
756	64.73	9.64	98.62	33.89	
757	66.68	1.57	98.6	31.92	
758	63.58	13.82	98.62	35.04	
759	66.49	8.67	98.59	32.1	
760	62.54	1.53	98.62	36.08	
761	66.8	13.88	98.54	31.74	
762	63.39	12	98.53	35.14	
763	66.51	8.25	98.57	32.06	
764	58.75	18.49	98.63	39.88	
765	65.7	14.23	98.56	32.86	
766	59.5	7.65	98.46	38.96	
767	60.65	10.69	98.55	37.9	
768	52.64	13.3	98.62	45.98	
769	51.95	0	98.62	46.67	
770	55.94	10.69	98.62	42.68	
771	48.93	26.32	98.64	49.71	
772	48.71	0	98.64	49.93	
773	47.86	48.05	98.62	50.76	
774	47.82	1282.36	98.62	50.8	
775	55.6	11.47	98.4	42.8	
776	55.6	11.83	98.4	42.8	
777	57.23	9.77	98.39	41.16	
778	57.5	8.43	98.45	40.95	
779	54.46	18.49	98.33	43.87	
780	55.6	5.47	98.4	42.8	
781	55.48	9.88	98.17	42.69	
782	56.33	0.4	98.08	41.75	
783	59.85	17.61	98.19	38.34	
784	54.82	10.05	98.33	43.51	
785	66.38	14.21	98.53	32.15	
786	78.54	8.33	98.51	19.97	
787	63.39	10.06	98.53	35.14	
788	57.59	12.92	98.31	40.72	
789	66.38	11.47	98.51	32.13	
790	68.6	7.8	98.55	29.95	
791	82.81	11.92	98.55	15.74	
792	77.64	10.89	98.57	20.93	
793	72.37	14.02	98.54	26.17	
794	80.81	7.8	98.53	17.72	
795	69.38	16.13	98.41	29.03	
796	65.64	135.49	98.13	32.49	
797	55.45	14.25	98.3	42.85	
798	64.16	16.51	98.24	34.08	
799	76.76	11.45	98.28	21.52	
800	59.67	8.33	98.23	38.56	
801	62.51	8.33	98.21	35.7	
802	67.52	57.49	98.2	30.68	
803	77.71	10.61	98.25	20.54	
804	65.46	57.49	98.19	32.73	
805	71.71	81.38	98.13	26.42	
806	58.57	17.38	98.15	39.58	
807	70.51	15.35	98.26	27.75	
808	77.8	18.53	98.26	20.46	
809	74.45	16.13	98.2	23.75	
810	70.25	13.09	98.16	27.91	
811	61.27	8.33	98.15	36.88	
812	70.41	9.2	98.24	27.83	
813	73.59	10.15	98.2	24.61	
814	65.38	8.33	98.18	32.8	
815	63.79	34.09	98.25	34.46	
816	62.5	10.15	98.23	35.73	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
817	65.55	8.33	98.24	32.69	
818	56.56	14.23	98.22	41.66	
819	62.5	13.82	98.24	35.74	
820	58.94	95.24	98.22	39.28	
821	62.55	8.1	98.24	35.69	
822	61.72	10.2	98.23	36.51	
823	56.56	17.61	98.15	41.59	
824	58.79	9.64	98.15	39.36	
825	58.79	11.09	98.15	39.36	
826	58.57	9.41	98.15	39.58	
827	55.88	20.21	98.14	42.26	
828	57.15	18.55	98.14	40.99	
829	66.17	62.72	98.04	31.87	
830	67.21	57.49	98.04	30.83	
831	56.56	9.42	98.15	41.59	
832	55.2	18.83	98.62	43.42	
833	32.4	11.9	88.67	56.27	
834	30.62	0	86.61	55.99	
835	58.93	10.72	98.47	39.54	
836	59.2	1151.66	98.25	39.05	
837	54.52	731.64	97	42.48	
838	59.82	1565.98	97.16	37.34	
839	60.4	1476.28	97.39	36.99	
840	58.39	13.58	98.56	40.17	
841	58.48	13.52	98.59	40.11	
842	58.4	16.62	98.66	40.26	
843	56.02	26.93	98.29	42.27	
844	57.45	71.37	98.29	40.84	
845	59.38	529.79	98.74	39.36	
846	68.13	416.73	98.84	30.71	
847	74.7	70.81	98.7	24	
848	69.33	9.2	98.97	29.64	
849	68.72	4.59	98.89	30.17	
850	70.35	14.39	98.99	28.64	
851	71.38	23.12	99.22	27.84	
852	72.94	21.23	99.14	26.2	
853	73.65	14.91	99.28	25.63	
854	75.79	23.43	98.99	23.2	
855	71.65	50.29	98.99	27.34	
856	74.84	14.91	98.94	24.1	
857	75.16	58.13	98.93	23.77	
858	68.82	36.57	98.9	30.08	
859	73.25	17.4	98.98	25.73	
860	76.18	14.22	99.06	22.88	
861	76.9	9.42	98.97	22.07	
862	74.74	19.17	98.97	24.23	
863	77.32	10.03	99.2	21.88	
864	78.69	12.7	120.07	41.38	
865	78.47	8.75	98.96	20.49	
866	75.88	12.81	98.95	23.07	
867	78.86	29.75	98.94	20.08	
868	74.6	12.93	99.22	24.62	
869	77.82	16.6	120.07	42.25	
870	78.7	11.54	120.07	41.37	
871	57.59	19.42	100.39	42.8	
872	60.45	0	120.07	59.62	
873	68.22	7.38	100.36	32.14	
874	72.3	11.39	99.73	27.43	
875	75.82	9.91	99.51	23.69	
876	57.95	11.89	100.44	42.49	
877	69.06	9.44	100.54	31.48	
878	69.09	0.87	100.47	31.38	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
879	58.69	12.15	100.45	41.76	
880	57.59	19.59	100.33	42.74	
881	79.66	17.31	120.07	40.41	
882	78.59	49.3	120.07	41.48	
883	67.74	22.26	100.21	32.47	
884	72.29	16.88	99.79	27.5	
885	57.33	7.72	99.72	42.39	
886	73.32	16.75	99.81	26.49	
887	72.92	32.45	99.81	26.89	
888	74.6	39.95	99.62	25.02	
889	63.91	6.89	100.53	36.62	
890	64.1	2.21	100.45	36.35	
891	62.37	9.6	100.45	38.08	
892	64.1	12.8	100.45	36.35	
893	67.52	30.66	100.46	32.94	
894	64.13	12.85	100.14	36.01	
895	65.73	23.27	100.14	34.41	
896	58.36	19.98	100.23	41.87	
897	75.35	19.34	100.28	24.93	
898	74.6	28.25	99.25	24.65	
899	61.12	17.79	100.33	39.21	
900	58.38	19.98	100.24	41.86	
901	59.74	30.5	100.45	40.71	
902	69.62	13.56	100.07	30.45	
903	72.42	16.9	99.93	27.51	
904	66.2	13.08	100.07	33.87	
905	69.43	13.05	99.93	30.5	
906	59.43	18.17	100.52	41.09	
907	59.91	17.42	100.1	40.19	
908	59.91	36.92	100.04	40.13	
909	56.38	9.01	100.46	44.08	
910	59.49	13.93	100	40.51	
911	67.31	10.6	99.87	32.56	
912	65.36	34.39	99.43	34.07	
913	62.64	8.24	99.65	37.01	
914	56.28	24.43	100.5	44.22	
915	59.7	20.13	99.81	40.11	
916	59.75	19.14	99.77	40.02	
917	67.5	19.02	99.69	32.19	
918	65.08	14.72	99.73	34.65	
919	59.81	7.77	99.75	39.94	
920	64.12	32.48	99.67	35.55	
921	60.07	19.95	99.76	39.69	
922	63.47	18.67	99.66	36.19	
923	60.06	7.77	99.83	39.77	
924	59.42	84.3	100.16	40.74	
925	57.47	27.77	100.49	43.02	
926	68.73	0	100.7	31.97	
927	68.2	9.45	100.63	32.43	
928	68.59	13.89	100.6	32.01	
929	67.06	14.78	100.6	33.54	
930	67.61	6.18	100.59	32.98	
931	66.84	19.32	100.57	33.73	
932	68.26	11.3	100.6	32.34	
933	69.52	17.92	100.58	31.06	
934	70.1	22.77	100.58	30.48	
935	68.36	0	101.22	32.86	
936	68.91	18.33	100.57	31.66	
937	68.1	17.33	100.56	32.46	
938	66.21	11.31	100.56	34.35	
939	67.07	6.71	100.55	33.48	
940	64.59	10.39	100.55	35.96	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
941	66.34	8.03	100.54	34.2	
942	64.59	11.7	100.54	35.95	
943	66.13	7.75	100.54	34.41	
944	62.67	19.95	100.54	37.87	
945	65.54	6.92	100.53	34.99	
946	61.09	12.61	100.53	39.44	
947	64.92	19.24	100.52	35.6	
948	60.45	9.67	100.52	40.07	
949	64.41	10.18	100.52	36.11	
950	63.8	5.72	100.52	36.72	
951	61.36	5.24	100.52	39.16	
952	57.88	17.66	100.52	42.64	
953	58.63	16.92	100.52	41.89	
954	55.18	36.79	100.52	45.34	
955	56.06	15.57	100.51	44.45	
956	55.87	19.59	100.51	44.64	
957	54.33	13.42	100.52	46.19	
958	55.9	9.23	100.51	44.61	
959	53.37	47.26	100.52	47.15	
960	55.93	8.68	100.5	44.57	
961	52.14	10.9	100.53	48.39	
962	53.75	118.04	100.51	46.76	
963	55.87	29.48	100.5	44.63	
964	52.68	2.8	100.52	47.84	
965	51.1	0	101.16	50.06	
966	51.53	3.04	100.16	48.63	
967	53.16	149.87	100.16	47	
968	74.76	11.05	99.45	24.69	
969	72.53	17.68	99.21	26.68	
970	71.18	13.1	99.18	28	
971	70.29	18.56	99.42	29.13	
972	73.7	38.17	99.24	25.54	
973	70.29	7.84	99.39	29.1	
974	63.14	15.9	99.11	35.97	
975	66.52	9.34	99.09	32.57	
976	72.69	44.76	99.25	26.56	
977	67.26	12.85	99.38	32.12	
978	68.48	10.3	99.17	30.69	
979	65.63	25.03	99.11	33.48	
980	69.43	14.27	99.25	29.82	
981	65.66	18.57	99.41	33.75	
982	65.1	24.44	99.15	34.05	
983	65.2	41.47	99.11	33.91	
984	66.52	49.4	99.25	32.73	
985	64.38	80.03	99.14	34.76	
986	65.52	58.24	99.24	33.72	
987	63.65	9.21	98.95	35.3	
988	61.75	17.93	98.68	36.93	
989	61.58	3.17	98.87	37.29	
990	63.3	8.16	99.02	35.72	
991	62.86	8.68	99.05	36.19	
992	63.24	10.16	99.08	35.84	
993	63.59	13.13	99.13	35.54	
994	64.17	12.14	99.24	35.07	
995	64.76	7.83	99.53	34.77	
996	62.64	12.01	99.6	36.96	
997	58.54	24.74	99.68	41.14	
998	56.33	29.7	99.88	43.55	
999	51.43	45.2	100.07	48.64	
1000	53.1	30.83	99.66	46.56	
1001	62.59	23.73	99.11	36.52	
1002	62.24	34.96	99.02	36.78	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
1003	61.92	35.83	98.99	37.07	
1004	61.83	7.91	98.96	37.13	
1005	62.51	19.2	99.05	36.54	
1006	61.59	14.2	98.87	37.28	
1007	61.87	8.03	98.85	36.98	
1008	63.4	37.5	98.84	35.44	
1009	62.11	9.74	99.04	36.93	
1010	63.32	13.41	99.1	35.78	
1011	63.82	21.27	99.1	35.28	
1012	62.44	14.31	99.08	36.64	
1013	64.57	15.84	99.12	34.55	
1014	62.39	17.98	99.11	36.72	
1015	62.11	22.14	99.08	36.97	
1016	62.89	8.52	99.13	36.24	
1017	64.17	31.2	99.22	35.05	
1018	64.73	16.2	99.4	34.67	
1019	64.81	14.17	99.31	34.5	
1020	64.22	35.44	99.19	34.97	
1021	64.52	28.45	99.26	34.74	
1022	63.93	33.71	99.17	35.24	
1023	64.26	11.33	99.18	34.92	
1024	63.61	12	99.15	35.54	
1025	62.8	37.86	99.49	36.69	
1026	58.87	54.46	99.56	40.69	
1027	53.15	23.08	99.53	46.38	
1028	62.66	13.02	99.39	36.73	
1029	58.82	77.72	99.47	40.65	
1030	65.3	5.64	99.72	34.42	
1031	62.25	18.59	99.33	37.08	
1032	58.08	118.04	99.36	41.28	
1033	49.41	4.76	99.51	50.1	
1034	51.48	77.64	99.62	48.14	
1035	64.3	11.98	99.22	34.92	
1036	64.48	22.48	99.22	34.74	
1037	63.9	12.81	99.23	35.33	
1038	62.71	22.22	99.24	36.53	
1039	62.85	31.46	99.25	36.4	
1040	64.63	6.8	99.17	34.54	
1041	64.42	10.19	99.18	34.76	
1042	63.15	13.71	98.84	35.69	
1043	56.44	19.07	99.18	42.74	
1044	60.7	23.81	99.18	38.48	
1045	64.9	54.24	99.14	34.24	
1046	64.66	13.19	99.16	34.5	
1047	64.3	10.16	99.14	34.84	
1048	64.64	17.41	99.19	34.55	
1049	63.76	25.81	99.19	35.43	
1050	63.28	13.53	99.23	35.95	
1051	61.61	13.21	99.26	37.65	
1052	60.58	13.7	99.27	38.69	
1053	61.37	12.07	99.26	37.89	
1054	59.36	17.68	99.29	39.93	
1055	58.77	812.93	98.86	40.09	
1056	52.84	14.9	99.38	46.54	
1057	57.92	96.19	99.32	41.4	
1058	52.51	64.87	99.36	46.85	
1059	54.58	21.13	99.29	44.71	
1060	58.12	34.04	99.29	41.17	
1061	51.47	19.34	99.48	48.01	
1062	48.83	360.23	99.41	50.58	
1063	57.13	15.43	99.22	42.09	
1064	59.59	11.64	99.26	39.67	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
1065	56.27	11.69	99.25	42.98	
1066	52.84	8.65	99.26	46.42	
1067	48.92	16.7	99.27	50.35	
1068	47.8	2.08	99.26	51.46	
1069	52.41	12.31	99.22	46.81	
1070	57.1	8.07	99.13	42.03	
1071	49.21	8.95	99.26	50.05	
1072	47.48	15.14	99.22	51.74	
1073	57.12	7.07	98.95	41.83	
1074	47.48	4.65	99.2	51.72	
1075	49.41	19.14	99.18	49.77	
1076	46.9	247.28	99.13	52.23	
1077	48.5	12.14	99.17	50.67	
1078	73.15	50.96	100.52	27.37	
1079	69.93	48.91	100.67	30.74	
1080	73.87	38.31	100.47	26.6	
1081	71.57	34.69	100.46	28.89	
1082	72.69	8.58	100.43	27.74	
1083	69.93	83.65	100.37	30.44	
1084	68.3	8.03	100.42	32.12	
1085	68.1	7.02	100.56	32.46	
1086	54.45	19.44	100.52	46.07	
1087	53.93	0.39	100.55	46.62	
1088	71.92	66.49	100.45	28.53	
1089	71.87	244.98	100.5	28.63	
1090	55.52	197.04	100.48	44.96	
1091	55.52	25.89	100.52	45	
1092	65.38	96.54	100.43	35.05	
1093	70.79	55.18	100.41	29.62	
1094	70.75	8.35	100.39	29.64	
1095	70.6	62.33	100.39	29.79	
1096	62.27	9.31	100.4	38.13	
1097	68.93	65.07	100.33	31.4	
1098	70.56	8.53	100.34	29.78	
1099	70.56	102.89	100.3	29.74	
1100	68.29	53.73	100.29	32	
1101	70.58	25.69	100.3	29.72	
1102	64.9	26.78	100.26	35.36	
1103	67.79	13.52	100.23	32.44	
1104	61.39	36.79	100.04	38.65	
1105	51.24	72.31	100.81	49.57	
1106	52.28	99.51	100.61	48.33	
1107	65.66	47.06	100.49	34.83	
1108	74.88	39.29	100.54	25.66	
1109	74.75	39.26	100.41	25.66	
1110	70.58	81.83	100.22	29.64	
1111	68.05	98.6	99.7	31.65	
1112	68.9	33.41	99.69	30.79	
1113	68.3	13.4	99.7	31.4	
1114	62.27	7.98	99.74	37.47	
1115	62.27	9.88	99.78	37.51	
1116	61.12	13.82	99.78	38.66	
1117	65.86	10.66	99.74	33.88	
1118	57.87	32.7	99.87	42	
1119	57.62	207.8	100.24	42.62	
1120	50.41	198.58	100.75	50.34	
1121	56.7	8.88	100.23	43.53	
1122	57.18	48.66	100.23	43.05	
1123	61.79	148.28	100.3	38.51	
1124	50.19	125.19	100.76	50.57	
1125	50.59	12.19	101.1	50.51	
1126	51.5	3.51	101.06	49.56	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
1127	48.94	237.84	101	52.06	
1128	64.47	44.18	100.67	36.2	
1129	64.65	63.28	100.7	36.05	
1130	49.31	62.24	100.84	51.53	
1131	48.1	102.95	100.91	52.81	
1132	47.55	10.82	100.97	53.42	
1133	48.67	70.52	100.86	52.19	
1134	47.1	7.4	100.97	53.87	
1135	87.84	40.85	120.03	32.19	
1136	75.36	16.86	120.03	44.67	
1137	81.2	7.89	120.03	38.83	
1138	78.29	43.09	120.04	41.75	
1139	70.21	13.39	120.04	49.83	
1140	74.17	35.74	120.04	45.87	
1141	76.42	22.48	120.04	43.62	
1142	73.65	19.73	120.04	46.39	
1143	75.13	17.92	120.04	44.91	
1144	79.5	22.57	120.04	40.54	
1145	75.76	34.43	120.04	44.28	
1146	82.34	36.46	120.04	37.7	
1147	89.24	30.96	120.03	30.79	
1148	84.09	16.86	120.04	35.95	
1149	93.87	3.82	120.09	26.22	
1150	91.16	11.5	120.08	28.92	
1151	84.09	12.78	120.06	35.97	
1152	82.25	15.44	120.05	37.8	
1153	90.64	16.88	120.07	29.43	
1154	83.56	21.38	120.06	36.5	
1155	90.1	15.81	120.07	29.97	
1156	89.21	10.56	120.09	30.88	
1157	82.6	39	120.06	37.46	
1158	78.65	27.95	120.06	41.41	
1159	89.3	21.14	120.79	31.49	
1160	88.7	35.99	120.11	31.41	
1161	76.88	24.6	120.06	43.18	
1162	81.4	37.68	120.05	38.65	
1163	78.9	23.55	120.05	41.15	
1164	87.3	12.16	120.15	32.85	
1165	84.38	23.1	120.06	35.68	
1166	82.41	288.16	120.02	37.61	
1167	79.77	88.46	120.04	40.27	
1168	79.33	16.86	120.04	40.71	
1169	81.8	13.18	120.05	38.25	
1170	77.31	11.26	120.05	42.74	
1171	81.54	3.42	120.05	38.51	
1172	79.64	6.1	120.05	40.41	
1173	78.9	21.61	120.05	41.15	
1174	79.51	24.5	120.04	40.53	
1175	77.51	17.22	120.05	42.54	
1176	76.9	9.92	120.05	43.15	
1177	77.67	19.72	120.04	42.37	
1178	78.64	11.91	120.04	41.4	
1179	79.33	24.18	120.04	40.71	
1180	78.53	22.75	120.04	41.51	
1181	78.4	17.6	120.04	41.64	
1182	81.13	39.11	120.05	38.92	
1183	78.64	34.27	120.04	41.4	
1184	78.62	10.86	120.04	41.42	
1185	80.07	69.79	120.03	39.96	
1186	79.48	54.04	120.03	40.55	
1187	79.85	36.72	120.04	40.19	
1188	79.39	32.53	120.04	40.65	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
1189	80.83	11.48	120.03	39.2	
1190	80.8	14.8	120.03	39.23	
1191	81.67	12.12	120.03	38.36	
1192	80.18	2.05	120.72	40.54	
1193	80.48	35.82	120.03	39.55	
1194	83.32	9.52	120.03	36.71	
1195	81.26	27.07	120.03	38.77	
1196	83.13	22.05	120.03	36.9	
1197	84.32	32.74	120.05	35.73	
1198	93.8	1.94	120.78	26.98	
1199	92.88	13.3	120.74	27.86	
1200	92.33	10.89	120.74	28.41	
1201	88.07	12.56	120.33	32.26	
1202	89.7	9.57	120.62	30.92	
1203	89.89	0.83	120.66	30.77	
1204	88.2	0	120.16	31.96	
1205	89.3	12.72	120.79	31.49	
1206	89.27	11.54	120.85	31.58	
1207	94.87	0	120.93	26.06	
1208	89.41	0	120.85	31.44	
1209	88.7	0	120.25	31.55	
1210	88.4	76.39	120.25	31.85	
1211	77.75	40.56	120.16	42.41	
1212	95.4	0	120.91	25.51	
1214	106.82	0	120.97	14.15	
1215	106.82	0	156.56	49.74	
1216	94.62	18.83	120.93	26.31	
1217	98.82	759.49	120.88	22.06	
1218	94.66	15.9	120.8	26.14	
1219	103.9	1180.46	120.5	16.6	
1220	80.8	19.89	120.74	39.94	
1221	89.6	19.01	120.82	31.22	
1222	98.5	850	120.95	22.45	
1223	98.5	12.72	120.95	22.45	
1224	89.42	272.32	120.81	31.39	
1225	80.5	58.87	120.73	40.23	
1226	93.7	13.76	120.07	26.37	
1227	102.9	14.43	120.07	17.17	
1228	99.83	21.91	120.09	20.26	
1229	98.41	219.82	120.09	21.68	
1230	84.12	24.78	120.24	36.12	
1231	100.44	13.42	119.63	19.19	
1232	89.48	81.25	120.07	30.59	
1233	99.39	32.23	120.07	20.68	
1234	94.2	35.87	120.07	25.87	
1235	101.49	12.08	120.09	18.6	
1236	102.55	1.73	120.11	17.56	
1237	100.31	39.47	120.07	19.76	
1238	96.05	26.29	120.07	24.02	
1239	99.59	14.68	120.07	20.48	
1240	97.24	24.47	120.07	22.83	
1241	101.12	1.69	120.07	18.95	
1242	101.1	13.53	120.07	18.97	
1243	100.26	103.74	120.06	19.8	
1244	98.7	11.41	120.07	21.37	
1245	100.41	8.28	120.07	19.66	
1246	101.87	10.21	120.07	18.2	
1247	101.82	12.37	120.07	18.25	
1248	102.55	13.76	120.08	17.53	
1249	101.63	10.68	120.07	18.44	
1250	102.21	17.87	120.07	17.86	
1251	102.06	19.3	120.07	18.01	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
1252	101.24	8.05	120.07	18.83	
1253	102.4	43.61	120.07	17.67	
1254	93.29	17.45	119.42	26.13	
1255	100.46	9.84	120.07	19.61	
1256	93.29	7.01	119.43	26.14	
1257	92.14	8.52	119.42	27.28	
1258	77.18	15.32	120.04	42.86	
1259	76.8	12.95	120.05	43.25	
1260	76.32	0	120.05	43.73	
1261	76.25	3.51	120.05	43.8	
1262	80.46	17.48	120.05	39.59	
1263	82.2	9.16	120.05	37.85	
1264	86.45	8.86	120.05	33.6	
1265	87.83	9.79	120.04	32.21	
1266	85.78	16.07	120.04	34.26	
1267	87.65	26.12	120.04	32.39	
1268	90.05	35.73	118.79	28.74	
1269	84.36	11.45	120.04	35.68	
1270	85.46	8.66	120.04	34.58	
1271	83.26	10.63	120.05	36.79	
1272	82.76	5.72	120.05	37.29	
1273	82.54	0	101.39	18.85	
1274	93.27	0	101.35	8.08	
1275	88.33	0	101.41	13.08	
1276	86.37	19.04	120.05	33.68	
1277	82.36	17.82	120.05	37.69	
1278	81.67	13.58	120.05	38.38	
1279	80.8	2.5	120.05	39.25	
1280	84.25	9.39	101.39	17.14	
1281	83.47	0	101.39	17.92	
1282	88.33	0	101.39	13.06	
1283	82.54	7.02	101.39	18.85	
1284	93.27	0	101.39	8.12	
1285	84.1	60.23	118.45	34.35	
1286	85.24	0	101.46	16.22	
1288	75.3	10.38	118.55	43.25	
1289	79.11	10.04	118.44	39.33	
1290	80.45	53.42	118.44	37.99	
1291	77.39	0	100.39	23	
1292	76.25	13.82	100.36	24.11	
1293	77.19	12.64	100.35	23.16	
1294	72.19	19.77	100.35	28.16	
1295	74.1	8.69	100.36	26.26	
1296	74.94	9.42	100.36	25.42	
1297	69.83	17.54	100.39	30.56	
1298	66.94	19.17	100.35	33.41	
1299	66.79	19.85	100.46	33.67	
1300	67.05	41.49	100.48	33.43	
1301	66.21	25.74	100.47	34.26	
1302	72.45	0	100.86	28.41	
1303	67.17	14.54	100.48	33.31	
1304	67.44	70.67	100.49	33.05	
1305	72.45	0	100.88	28.43	
1306	72.88	0	100.93	28.05	
1307	71.37	10.15	100.82	29.45	
1308	69.86	18.31	100.37	30.51	
1309	67.7	11.09	100.44	32.74	
1310	72.24	18.62	100.43	28.19	
1311	74.22	40.03	100.37	26.15	
1312	72.88	0	100.87	27.99	
1313	73.91	0	101.06	27.15	
1314	73.65	17.54	101.07	27.42	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
1315	74.46	25.06	100.87	26.41	
1316	71.98	0.01	100.87	28.89	
1317	82.06	0	100.44	18.38	
1318	71.3	19.97	100.66	29.36	
1319	73.97	11.3	100.66	26.69	
1320	68.07	41.49	100.44	32.37	
1321	72.31	11.57	101.07	28.76	
1322	77.52	19.82	101.06	23.54	
1323	79.28	0	100.44	21.16	
1324	93.65	96.63	119.42	25.77	
1325	74.04	580.57	119.05	45.01	
1326	91.11	61.81	119.14	28.03	
1327	83.88	67.27	118.57	34.69	
1328	81.89	58.63	118.56	36.67	
1329	83.75	25.18	118.65	34.9	
1330	70.53	0	118.56	48.03	
1331	70.4	47.92	118.56	48.16	
1332	68.12	18.89	100.43	32.31	
1333	77.54	23.79	100.6	23.06	
1334	71.5	111.86	100.6	29.1	
1335	64.6	237.15	100.96	36.36	
1336	73.61	47.25	100.57	26.96	
1337	72.29	50.37	100.59	28.3	
1338	74.42	19.63	100.57	26.15	
1339	74.22	192.57	100.37	26.15	
1340	74.17	25.25	100.39	26.22	
1341	69.52	49.69	100.61	31.09	
1342	66.62	7.73	100.83	34.21	
1343	66.05	30.74	100.62	34.57	
1344	69.84	45.06	100.48	30.64	
1345	66.1	30.79	100.56	34.46	
1346	69.69	38.76	100.55	30.86	
1347	65.81	13.08	100.5	34.69	
1348	69.78	17.17	100.49	30.71	
1349	66.05	64.89	100.45	34.4	
1350	72.78	27.16	100.38	27.6	
1351	69.13	30.58	100.39	31.26	
1352	66.3	39.26	100.39	34.09	
1353	71.8	16.33	100.39	28.59	
1354	66.91	45.39	100.38	33.47	
1355	72.74	16.14	100.38	27.64	
1356	68.15	19.83	100.38	32.23	
1357	69.06	18.93	100.38	31.32	
1358	72.88	1276.24	99.56	26.68	
1359	61.39	9.42	98.47	37.08	
1360	69.2	4.34	100.63	31.43	
1361	69.67	8.17	100.64	30.97	
1362	71.83	34.4	100.69	28.86	
1363	73.74	27.86	100.74	27	
1364	74.23	7.33	100.76	26.53	
1365	71.83	15.45	100.69	28.86	
1366	69.67	49.69	100.64	30.97	
1367	70.46	16.25	100.62	30.16	
1368	73.3	37.08	100.64	27.34	
1369	75.36	14.11	100.66	25.3	
1370	79.51	10.69	100.64	21.13	
1371	75.26	27.99	100.61	25.35	
1372	77.18	8.06	100.63	23.45	
1373	71.12	40.17	100.58	29.46	
1374	71.2	1203.64	100.5	29.3	
1375	71.67	95.55	100.49	28.82	
1376	79.33	1190.34	100.34	21.01	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
1377	79.77	1006.36	100.34	20.57	
1378	71.67	12.59	100.53	28.86	
1379	76.67	10.36	100.58	23.91	
1380	71.67	19.28	100.49	28.82	
1381	79.4	19.28	100.63	21.23	
1382	76.67	48.53	100.57	23.9	
1383	80.08	20.44	100.56	20.48	
1384	73.71	7.58	100.49	26.78	
1385	78.28	60.13	100.56	22.28	
1386	79.47	14.6	100.56	21.09	
1387	83.72	0	100.5	16.78	
1388	74.23	11.68	100.76	26.53	
1389	101.5	17.1	169.09	67.59	
1390	98.5	9.61	169.08	70.58	
1391	101.5	15.28	169.09	67.59	
1392	97.72	16.36	169.12	71.4	
1393	131.47	20.83	142.88	11.41	
1394	108.57	134.85	142.47	33.9	
1395	105.63	616.27	142.29	36.66	
1397	105.84	0	142.82	36.98	
1398	111.07	4.2	142.81	31.74	
1399	105.92	6.11	142.9	36.98	
1400	105.57	17.19	142.89	37.32	
1401	101.91	445.41	142.92	41.01	
1402	93.37	0	142.93	49.56	
1403	92.31	18.91	143.01	50.7	
1404	99.45	284.98	146	46.55	
1405	84.44	255.03	143.33	58.89	
1406	96.49	32.47	169.13	72.64	
1407	92.25	15.37	169.16	76.91	
1408	102.1	25.21	169.11	67.01	
1409	101.3	21.74	169.1	67.8	
1410	92.25	19.27	169.13	76.88	
1411	92.12	24.74	169.1	76.98	
1412	99.1	15.07	169.09	69.99	
1413	91.3	19.99	169.09	77.79	
1414	88.46	14.88	169.09	80.63	
1415	99.1	39.26	169.09	69.99	
1416	87.53	10.21	169.09	81.56	
1417	98.5	18.1	169.08	70.58	
1418	88.8	35.53	169.08	80.28	
1419	78.8	0	119.06	40.26	
1420	89.16	11.83	118.92	29.76	
1421	76.25	7.86	118.01	41.76	
1422	82.9	6.64	117.92	35.02	
1423	88.41	11.93	118.71	30.3	
1424	87.54	0	118.39	30.85	
1425	78.6	23.66	117.97	39.37	
1426	77.73	273.3	117.76	40.03	
1427	83.34	24.5	117.74	34.4	
1428	83.34	27.93	117.74	34.4	
1429	87.62	261.17	117.65	30.03	
1430	81.64	34.57	117.79	36.15	
1431	85.5	179.86	117.66	32.16	
1432	91.49	16.83	169.08	77.59	
1433	98.2	14.23	169.08	70.88	
1434	93.68	7.16	169.08	75.4	
1435	83.43	15.23	169.08	85.65	
1436	96.4	47.04	169.08	72.68	
1437	91.3	16.82	169.09	77.79	
1438	88.32	10.98	117.7	29.38	
1439	88.32	0	169.16	80.84	

1.1 대전광역시 격접 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
1440	87.62	0	169.17	81.55	
1441	87.23	243.05	169.17	81.94	
1442	91.61	60.5	169.17	77.56	
1443	92.24	165.15	169.19	76.95	
1444	100.79	21.81	169.24	68.45	
1445	92.74	136.47	169.17	76.43	
1446	94.73	12.47	169.19	74.46	
1447	101.21	2.56	169.25	68.04	
1448	101.25	7.95	169.32	68.07	
1449	102.26	1.04	169.39	67.13	
1450	93.37	10.36	169.58	76.21	
1451	96.15	19.13	169.25	73.1	
1452	92.71	8.82	169.19	76.48	
1453	85.2	30	169.18	83.98	
1454	85.34	99.67	117.66	32.32	
1455	92.27	129.72	169.18	76.91	
1456	80.08	16.73	169.18	89.1	
1457	90.92	4.14	173.31	82.39	
1458	85.45	8.59	169.3	83.85	
1459	88.28	21.75	169.26	80.98	
1460	93.37	18.24	169.7	76.33	
1461	82.05	114.73	117.73	35.68	
1462	85.52	131.64	117.66	32.14	
1463	80.32	261.29	117.67	37.35	
1464	79.46	67.21	117.69	38.23	
1465	84.33	35.51	117.66	33.33	
1466	84.1	81.03	117.67	33.57	
1467	80.69	175.05	117.66	36.97	
1468	77.61	17.9	117.66	40.05	
1469	82.76	21.23	117.66	34.9	
1470	75.25	8.16	100.87	25.62	
1471	77.61	3.15	100.69	23.08	
1472	78.37	836.36	100.77	22.4	
1473	77.67	9.13	100.82	23.15	
1474	78.28	29.49	100.75	22.47	
1475	79.54	53.5	100.63	21.09	
1476	70.25	35.59	100.36	30.11	
1477	67.34	19.39	100.6	33.26	
1478	68.71	16.79	100.36	31.65	
1479	63.94	8.59	100.28	36.34	
1480	65.77	15.89	100.28	34.51	
1481	64.52	54.87	100.19	35.67	
1482	70.85	61.64	97.92	27.07	
1483	80.58	110.6	139.34	58.76	
1484	45.53	84.35	99.01	53.48	
1485	44.28	41.96	98.94	54.66	
1486	43.46	26.21	98.49	55.03	
1487	43.43	2	98.34	54.91	
1488	42.8	6.66	98.34	55.54	
1489	44.81	7.68	97.88	53.07	
1490	44.65	4.21	97.87	53.22	
1491	42.26	9.02	97.99	55.73	
1492	54.1	13.75	97.91	43.81	
1493	44.63	5.95	97.87	53.24	
1494	44.92	17.76	97.86	52.94	
1495	42.56	2.68	97.89	55.33	
1496	43.52	12.12	97.81	54.29	
1497	45.21	42.75	97.84	52.63	
1498	43.63	23.94	97.87	54.24	
1499	43.91	10.83	97.87	53.96	
1500	42.41	8.55	97.87	55.46	
1501	43.48	66.49	97.71	54.23	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
1502	44.06	53.03	97.83	53.77	
1503	44.72	0	97.84	53.12	
1504	43.15	96.11	97.66	54.51	
1505	44.49	894.18	99.64	55.15	
1506	44.94	114.05	99.69	54.75	
1507	68.87	101.34	99.38	30.51	
1509	50.1	154.21	99.47	49.37	
1510	46.62	42.02	99.46	52.84	
1511	48.15	38.69	99.47	51.32	
1512	50.05	70.54	99.42	49.37	
1513	50.88	0.68	99.46	48.58	
1514	54.78	60.17	99.75	44.97	
1515	56.75	150.05	99.56	42.81	
1516	50.59	17.68	99.73	49.14	
1517	53.74	65.06	99.51	45.77	
1518	62.49	46.96	99.71	37.22	
1519	50.58	7.09	99.47	48.89	
1520	50.05	8.19	99.51	49.46	
1521	45.64	8.2	99.73	54.09	
1522	43.34	49.91	99.47	56.13	
1523	43.21	28.03	99.52	56.31	
1524	43.05	46	99.49	56.44	
1525	43.48	7.02	99.57	56.09	
1526	42.78	7.51	99.55	56.77	
1527	42.57	9.43	99.53	56.96	
1528	42.4	11	99.4	57	
1529	42.08	2.83	99.38	57.3	
1530	42.65	83.24	99.48	56.83	
1531	42.71	43.07	99.5	56.79	
1532	42.64	68.8	99.41	56.77	
1533	41.93	14.51	99.29	57.36	
1534	42.19	6.2	99.29	57.1	
1535	42.11	7.81	99.29	57.18	
1536	42.38	95.24	99.51	57.13	
1537	42.29	8.11	99.5	57.21	
1538	40.9	6.97	99.74	58.84	
1539	41.43	1.98	100.39	58.96	
1540	41.23	19.26	99.65	58.42	
1541	40.94	14.11	99.41	58.47	
1542	41.66	15.68	99.45	57.79	
1543	41.75	9.59	99.35	57.6	
1544	41.85	16.05	99.29	57.44	
1545	40.72	66.28	99.3	58.58	
1546	40.59	44.09	99.38	58.79	
1547	42.07	8.66	99.19	57.12	
1548	42.33	11.18	99.12	56.79	
1549	42.49	15.09	99.11	56.62	
1550	42.22	5.55	99.04	56.82	
1551	41.93	5.49	99.1	57.17	
1552	41.71	7.94	99.13	57.42	
1553	41.82	8.28	99.12	57.3	
1554	42.13	18.94	99.13	57	
1555	41.74	47.6	99.19	57.45	
1556	41.14	11.68	99.24	58.1	
1557	41.6	14.1	99.16	57.56	
1558	41.81	1.34	99.16	57.35	
1559	41.51	17.7	99.18	57.67	
1560	40.94	23.22	99.24	58.3	
1561	40.15	16.66	99.34	59.19	
1562	40.16	13.23	99.36	59.2	
1563	40.28	28.27	99.41	59.13	
1564	40.15	10.52	99.55	59.4	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
1565	40.83	0	100.96	60.13	
1566	40.49	15.11	99.66	59.17	
1567	40.31	5.33	99.54	59.23	
1568	40.47	12.57	99.52	59.05	
1569	40.4	2.74	100.43	60.03	
1570	40.26	11.01	99.47	59.21	
1571	40.24	15.21	99.43	59.19	
1572	40.63	14.31	99.51	58.88	
1573	40.93	22.3	99.48	58.55	
1574	40.11	15.62	99.49	59.38	
1575	40.19	25.42	99.41	59.22	
1576	40.64	29.4	99.39	58.75	
1577	40.5	80.94	99.31	58.81	
1578	40.85	15.19	99.22	58.37	
1579	41.13	9.81	99.16	58.03	
1580	41.12	17.35	99.16	58.04	
1581	41.67	29.51	99.14	57.47	
1582	41.84	61.69	99.14	57.3	
1583	41.76	13.21	99.13	57.37	
1584	41.67	14.62	99.14	57.47	
1585	41.9	19.38	99.15	57.25	
1586	41.4	10.98	99.16	57.76	
1587	41.51	22.17	99.16	57.65	
1588	41.09	57.42	99.2	58.11	
1589	40.81	31.8	99.3	58.49	
1590	40.8	12.37	99.38	58.58	
1591	40.55	20.67	99.43	58.88	
1592	40.49	40.43	99.48	58.99	
1593	40.53	7.4	99.43	58.9	
1594	40.69	9.29	99.33	58.64	
1595	40.92	11.68	99.28	58.36	
1596	41.5	29.59	99.24	57.74	
1597	40.79	129.87	99.37	58.58	
1598	41.48	7.16	99.17	57.69	
1599	41.82	36.22	99.15	57.33	
1600	41.22	7.42	99.16	57.94	
1601	41.81	10.98	99.15	57.34	
1602	41.79	12.9	99.14	57.35	
1603	41.85	55.02	99.14	57.29	
1604	41.86	6.84	99.13	57.27	
1605	41.82	3.35	99.13	57.31	
1606	41.92	4.84	99.18	57.26	
1607	41.94	5.16	99.18	57.24	
1608	41.79	13.63	99.86	58.07	
1609	42.05	7.6	99.18	57.13	
1610	41.73	1.27	99.18	57.45	
1611	41.94	36.48	99.18	57.24	
1612	42.83	9.28	99.17	56.34	
1613	41.94	8.75	99.18	57.24	
1614	42.69	9.68	99.18	56.49	
1615	42.68	17.31	99.25	56.57	
1616	42.45	14.12	99.18	56.73	
1617	42.41	13.14	98.41	56	
1618	42.68	8.64	97.79	55.11	
1619	43.51	12.9	97.81	54.3	
1620	43.06	36.77	97.86	54.8	
1621	43.52	11.47	97.71	54.19	
1622	43.51	25.26	97.69	54.18	
1623	43.87	14.75	97.64	53.77	
1624	44.33	198.21	97.45	53.12	
1625	43.28	15.01	97.71	54.43	
1626	42.83	7.86	97.75	54.92	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
1627	42.87	22.03	97.67	54.8	
1628	42.43	11.44	97.71	55.28	
1629	43.2	51.11	97.67	54.47	
1630	42.65	20.86	97.67	55.02	
1631	44.05	38.39	97.64	53.59	
1632	43.49	15.2	97.55	54.06	
1633	43.1	92.9	97.62	54.52	
1634	42.87	17.79	97.56	54.69	
1635	43.75	20.1	97.45	53.7	
1636	45.68	21.58	97.3	51.62	
1637	44.83	357.31	97.34	52.51	
1638	49.77	15.23	97	47.23	
1639	44.89	54.59	97.32	52.43	
1640	44.94	7.86	97.45	52.51	
1641	44.54	1.48	97.44	52.9	
1642	43.29	0.32	97.44	54.15	
1643	43.29	3.68	97.43	54.14	
1644	43.27	14.09	97.43	54.16	
1645	43.59	47.56	97.44	53.85	
1646	45.56	15.85	97.42	51.86	
1647	44.23	94.77	97.36	53.13	
1648	43.66	76.11	97.44	53.78	
1649	42.91	17.6	99.06	56.15	
1650	43.12	23.95	99.03	55.91	
1651	43.16	0	99.02	55.86	
1652	43.33	53.58	99.02	55.69	
1653	42.87	17.3	99.1	56.23	
1654	42.76	8.51	99.07	56.31	
1655	43.85	13.24	99.07	55.22	
1656	43.05	19.97	99.05	56	
1657	43.12	25.21	99.03	55.91	
1658	43.29	11.78	99.04	55.75	
1659	42.92	15.34	99.03	56.11	
1660	43.14	16.62	99.03	55.89	
1661	44.18	7.27	99.06	54.88	
1662	42.92	26.32	99.04	56.12	
1663	43.34	16.53	99.04	55.7	
1664	42.9	18.89	99.04	56.14	
1665	43.61	14.23	99.04	55.43	
1666	44.16	24.51	99.04	54.88	
1667	41.87	8.33	99.05	57.18	
1668	45.44	16.83	99.05	53.61	
1669	41.64	9.5	99.04	57.4	
1670	42.05	31.15	99.04	56.99	
1671	40.69	13.87	99.04	58.35	
1672	41.05	11.18	99.04	57.99	
1673	42.94	12.55	99.23	56.29	
1674	42.93	90.17	99.22	56.29	
1675	42.93	14.82	99.25	56.32	
1676	42.38	7.57	99.28	56.9	
1677	42.13	7.57	99.35	57.22	
1678	42.38	9.49	99.37	56.99	
1679	41.94	6.88	99.53	57.59	
1680	42.63	10.76	99.43	56.8	
1681	48.44	27.38	99.43	50.99	
1682	41.82	9.75	99.27	57.45	
1683	41.89	3.58	99.29	57.4	
1684	41.53	1.65	99.28	57.75	
1685	41.5	13.34	99.26	57.76	
1686	41.37	9.32	99.25	57.88	
1687	41.24	13.89	99.25	58.01	
1688	41.84	45.74	99.25	57.41	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
1689	42.43	5.91	99.25	56.82	
1690	42.06	3.52	99.25	57.19	
1691	42.57	3.85	99.24	56.67	
1692	41.23	10.12	99.25	58.02	
1693	41.74	9	99.25	57.51	
1694	40.86	32.92	99.27	58.41	
1695	40.72	15.04	99.25	58.53	
1696	40.89	7.85	99.25	58.36	
1697	41.84	13.2	99.25	57.41	
1698	41.63	10.23	99.25	57.62	
1699	41.54	11.3	99.25	57.71	
1700	41.71	10.34	99.25	57.54	
1701	41.27	34.84	99.25	57.98	
1702	40.35	17	99.3	58.95	
1703	41.18	60.29	99.28	58.1	
1704	42.64	31.85	99.25	56.61	
1705	39.73	14.03	99.23	59.5	
1706	42.4	38.08	99.24	56.84	
1707	42.23	33.64	99.25	57.02	
1708	42.1	10.37	99.26	57.16	
1709	41.9	18.21	99.26	57.36	
1710	42.3	103.42	99.24	56.94	
1711	40.72	21.29	99.24	58.52	
1712	39.73	11.78	99.23	59.5	
1713	42.13	34.79	99.24	57.11	
1714	41.37	11.96	99.23	57.86	
1715	40.69	3.43	99.25	58.56	
1716	41.58	86.05	99.24	57.66	
1717	41.34	9.41	99.25	57.91	
1718	41.55	8.96	99.25	57.7	
1719	40.86	8.76	99.25	58.39	
1720	40.91	13.64	99.25	58.34	
1721	40.88	8.16	99.25	58.37	
1722	41.32	12.54	99.25	57.93	
1723	41.71	9.5	99.24	57.53	
1724	41.36	6.8	99.25	57.89	
1725	41.17	19.18	99.24	58.07	
1726	41.3	9.3	99.24	57.94	
1727	41.57	6.3	99.25	57.68	
1728	41.57	7.66	99.24	57.67	
1729	42.48	30.49	99.24	56.76	
1730	41.75	12.52	99.24	57.49	
1731	41.34	13.27	99.24	57.9	
1732	41.76	5.64	99.24	57.48	
1733	42.02	3.34	99.24	57.22	
1734	41.9	7.33	99.24	57.34	
1735	42.61	0.46	99.24	56.63	
1736	42.37	4.59	99.24	56.87	
1737	42.05	2.98	99.24	57.19	
1738	42.22	10.56	99.24	57.02	
1739	41.29	10.86	99.24	57.95	
1740	41.92	8.51	99.24	57.32	
1741	42.7	3.51	99.24	56.54	
1742	42.87	8.52	99.24	56.37	
1743	41.72	38.13	99.24	57.52	
1744	42.48	18.61	99.24	56.76	
1745	43.74	7.64	99.24	55.5	
1746	73.42	112.21	139.57	66.15	
1747	75.58	35.79	139.39	63.81	
1748	77.2	84.79	173.12	95.92	
1749	78.69	86.51	143.06	64.37	
1750	88	0	100.6	12.6	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
1751	90.52	17.95	173.11	82.59	
1752	90.52	1.01	173.11	82.59	
1753	84.48	44.66	173.11	88.63	
1754	88.49	15.44	143.3	54.81	
1755	82.55	67.98	143.19	60.64	
1756	81.17	70.37	143.19	62.02	
1757	84.44	34.65	143.33	58.89	
1758	79.69	88.86	139.4	59.71	
1759	70.14	268.1	139.56	69.42	
1760	81.55	150.82	139.38	57.83	
1761	68.43	24.74	100.45	32.02	
1762	70.44	85.99	139.32	68.88	
1763	82.5	312.32	139.34	56.84	
1764	82.17	47.05	139.33	57.16	
1765	65.89	117.07	97.42	31.53	
1766	65.59	554.29	97.47	31.88	
1767	69.71	37.32	97.92	28.21	
1768	63.64	41.59	100.08	36.44	
1769	61.31	39.3	100.19	38.88	
1770	61.31	0	100.1	38.79	
1771	59.64	5.3	99.85	40.21	
1772	58.74	9.83	99.84	41.1	
1773	59.05	0	99.81	40.76	
1774	60.28	48.39	99.67	39.39	
1775	60.85	62.94	99.75	38.9	
1776	63.73	411.64	97.94	34.21	
1777	66.23	62.33	97.66	31.43	
1778	64.42	56.02	97.68	33.26	
1779	65.13	58.28	98.08	32.95	
1780	69.37	62.5	97.71	28.34	
1781	69.12	50.87	97.52	28.4	
1782	67.27	105.07	97.08	29.81	
1783	76.12	7.86	97.52	21.4	
1784	72.91	196.55	97.5	24.59	
1785	73.29	164.57	97.37	24.08	
1786	74.2	76.28	140.36	66.16	
1787	73.42	225.53	140.36	66.94	
1788	78.44	56.41	142.41	63.97	
1789	83.11	222.77	141.86	58.75	
1790	81.41	107.66	141.37	59.96	
1791	82.06	36.7	141.36	59.3	
1793	100.42	0	147.26	46.84	
1794	103.38	156.63	137.64	34.26	
1795	100.42	0	155.38	54.96	
1796	84.48	78.72	138.58	54.1	
1797	83.69	178.3	138.44	54.75	
1798	76.21	70.67	138.37	62.16	
1799	72.61	39.89	137.72	65.11	
1800	75.86	132.49	137.67	61.81	
1801	80.5	214.14	138.57	58.07	
1802	82.41	271.84	137.67	55.26	
1803	76.06	70.23	137.67	61.61	
1804	70.29	39.01	137.63	67.34	
1805	83.19	138.44	137.56	54.37	
1806	74.06	93.77	137.63	63.57	
1807	89.5	115.85	137.57	48.07	
1808	96.26	138.64	137.59	41.33	
1809	100.91	73.2	137.56	36.65	
1810	100.84	35.95	137.52	36.68	
1811	96.43	58.27	137.48	41.05	
1812	91.2	113.5	137.46	46.26	
1813	89.74	63.34	137.52	47.78	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
1814	79.89	40.44	137.48	57.59	
1815	88.35	43.85	137.47	49.12	
1816	88.57	15.49	137.52	48.95	
1817	89.91	68.09	137.46	47.55	
1818	87.88	92.98	137.45	49.57	
1819	79.89	71	137.47	57.58	
1820	76.5	215.14	137.38	60.88	
1821	79.22	7.11	137.44	58.22	
1822	73.57	72.18	98.52	24.95	
1823	76.59	72.71	137.43	60.84	
1824	78.5	43.23	98.54	20.04	
1825	76.59	30.98	98.53	21.94	
1826	68.26	54.76	98.92	30.66	
1827	71.05	170.24	98.53	27.48	
1828	71.77	1.88	99.35	27.58	
1829	65.47	27.25	99.1	33.63	
1830	72.12	8.18	99.33	27.21	
1831	74.41	6.55	99.32	24.91	
1832	66.15	36.03	98.92	32.77	
1833	68.68	55.79	98.57	29.89	
1834	71.23	114.28	98.38	27.15	
1835	70.15	15.62	98.49	28.34	
1836	70.83	18.99	98.47	27.64	
1837	71.68	16.16	98.42	26.74	
1838	71.77	5.71	99.11	27.34	
1839	68.71	18.13	99.38	30.67	
1840	64.74	0	99.62	34.88	
1841	68.43	0.61	99.41	30.98	
1842	67.86	0	99	31.14	
1843	68.82	52.66	98.41	29.59	
1844	67.86	16.92	98.96	31.1	
1845	66.35	32.73	98.4	32.05	
1846	67.48	7.07	97.67	30.19	
1847	69.28	0	96.2	26.92	
1848	68.59	34.48	98.18	29.59	
1849	69.28	0	96.03	26.75	
1850	80.44	50.48	139.93	59.49	
1851	77.53	83.1	139.96	62.43	
1852	68.48	26.76	140.22	71.74	
1853	71.86	114.63	139.95	68.09	
1854	68.58	67.66	140.01	71.43	
1855	69.28	0	140	70.72	
1856	68.78	49.56	140.06	71.28	
1857	67.45	7.64	140.05	72.6	
1858	68.08	9.62	140.22	72.14	
1859	75.76	23.83	140.25	64.49	
1860	70.75	49.02	140.25	69.5	
1861	70.75	3.02	140.24	69.49	
1862	74.23	95.13	140.45	66.22	
1863	73.67	27.33	140.97	67.3	
1864	85	16.05	141.25	56.25	
1865	50.1	156.19	99.46	49.36	
1866	46.44	19.53	99.44	53	
1867	55.56	128.82	99.46	43.9	
1868	47.71	2.87	99.44	51.73	
1869	46.4	18.05	99.43	53.03	
1870	47.44	6.6	99.42	51.98	
1871	46.66	22.48	99.44	52.78	
1872	46.81	34.73	99.43	52.62	
1873	46.94	447.96	99.44	52.5	
1874	46.92	18.11	99.44	52.52	
1875	48.3	2.8	99.44	51.14	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
1876	48.37	5.37	99.45	51.08	
1877	48.2	37.67	99.44	51.24	
1878	50.23	45.25	99.45	49.22	
1879	47.85	981.52	99.18	51.33	
1880	47.1	7.76	99.42	52.32	
1881	47.55	7.75	99.42	51.87	
1882	47.1	9.5	99.42	52.32	
1883	67.91	41.67	100.87	32.96	
1884	73.15	40.72	100.8	27.65	
1885	68.33	19	100.62	32.29	
1886	66.3	32.78	100.44	34.14	
1887	73.87	52.25	100.61	26.74	
1888	73.75	71.25	100.38	26.63	
1889	66.24	18.14	100.29	34.05	
1890	65.87	28.74	99.97	34.1	
1891	63.2	16.31	100.1	36.9	
1892	67.21	18.62	100.03	32.82	
1893	73.44	3.6	99.99	26.55	
1894	72.55	86.82	100.11	27.56	
1895	69.77	7.69	100.03	30.26	
1896	73.74	17.5	100	26.26	
1897	73.2	17.68	99.99	26.79	
1898	72.05	9.7	99.98	27.93	
1899	72.54	1.87	99.99	27.45	
1900	73.41	7.81	99.99	26.58	
1901	71.34	19.59	100.47	29.13	
1902	64.48	35.34	100.47	35.99	
1903	63.54	0.3	100.47	36.93	
1904	68.25	22.19	100.47	32.22	
1905	62.46	107.32	100.48	38.02	
1906	62.77	41.77	100.45	37.68	
1907	60.47	37.9	100.43	39.96	
1908	64.77	37.48	100.4	35.63	
1909	63.12	0	100.52	37.4	
1910	63.12	29.74	100.54	37.42	
1911	72.31	18.5	100.47	28.16	
1912	72.14	19.62	100.47	28.33	
1913	66.11	21.73	100.47	34.36	
1914	66.78	36.78	100.42	33.64	
1915	72.36	77.16	100.52	28.16	
1916	69.48	56.7	100.37	30.89	
1917	72.67	25.59	100.34	27.67	
1918	69.2	28.18	100.34	31.14	
1919	64.27	36.61	100.34	36.07	
1920	68.09	46.1	100.37	32.28	
1921	70.38	0	100.34	29.96	
1922	67.54	36.78	100.34	32.8	
1923	70.5	45.35	100.34	29.84	
1924	63.34	29.74	100.38	37.04	
1925	64.05	2.12	100.4	36.35	
1926	61.63	25.45	100.68	39.05	
1927	66.56	49.93	100.96	34.4	
1928	59.79	26.75	100.6	40.81	
1929	63.37	4.73	100.46	37.09	
1930	66.81	400.85	100.33	33.52	
1931	66.54	4.34	100.3	33.76	
1932	59.85	114.31	100.53	40.68	
1933	63.55	63.61	100.77	37.22	
1934	65.92	34.87	100.31	34.39	
1935	58.48	423.42	100.19	41.71	
1936	65.29	19.37	100.74	35.45	
1937	65.22	19.53	100.72	35.5	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
1938	65.22	0	100.73	35.51	
1939	60.71	113.64	100.33	39.62	
1940	58.52	193.04	100.48	41.96	
1941	59.42	109.69	100.26	40.84	
1942	58.9	47.21	100.15	41.25	
1943	66.27	51.2	100.18	33.91	
1944	60.87	19.51	100.13	39.26	
1945	62.36	45.9	100.13	37.77	
1946	64.94	120.63	100.13	35.19	
1947	62.05	17.9	100.58	38.53	
1948	59.62	18.34	100.39	40.77	
1949	55.49	9.01	100.35	44.86	
1950	54.57	29.27	100.28	45.71	
1951	54.53	18.49	100.27	45.74	
1952	53.55	27.08	100.27	46.72	
1953	53.55	0	100.28	46.73	
1954	54.64	53.62	100.15	45.51	
1955	52.59	18.91	100.2	47.61	
1956	52.05	33.31	100.15	48.1	
1957	61.32	204.08	100.12	38.8	
1958	60.94	80.42	100.38	39.44	
1959	60.5	17.04	100.45	39.95	
1960	58.21	39.23	100.27	42.06	
1961	57.05	83.74	100.27	43.22	
1962	57.53	49.7	100.37	42.84	
1963	55.61	110.21	100.23	44.62	
1964	60.41	60.78	100.17	39.76	
1965	62.05	48.64	100.18	38.13	
1966	56.55	43.63	100.24	43.69	
1967	58.7	63.09	100.15	41.45	
1968	54.73	83.34	100.15	45.42	
1969	55.21	33.65	100.18	44.97	
1970	54.05	21.73	100.16	46.11	
1971	57.08	157.96	100.14	43.06	
1972	57.19	52.56	100.13	42.94	
1973	57.56	46.1	100.13	42.57	
1974	59.35	48.22	100.13	40.78	
1975	59.89	74.6	100.13	40.24	
1976	57.43	55.07	100.13	42.7	
1977	53.83	57.73	100.14	46.31	
1978	54.33	122.97	100.13	45.8	
1979	55.07	81.76	100.13	45.06	
1980	58.65	23.57	100.13	41.48	
1981	66.33	33.74	100.31	33.98	
1982	66.2	29.01	100.23	34.03	
1983	66.09	113.07	100.17	34.08	
1984	59.79	510.71	100.11	40.32	
1985	71.93	52.58	100.2	28.27	
1986	70.57	70.95	100.2	29.63	
1987	64.42	177.29	100.13	35.71	
1988	68.35	258.11	100.14	31.79	
1989	65.33	173.39	100.16	34.83	
1990	64.46	29.48	100.14	35.68	
1991	67.12	59.55	100.15	33.03	
1992	71.08	80.42	100.2	29.12	
1993	62.6	18.75	100.29	37.69	
1994	62.06	0	100.29	38.23	
1995	62.05	15.71	100.29	38.24	
1996	64.05	0.08	100.29	36.24	
1997	68.12	89.26	100.21	32.09	
1998	63.63	105.94	100.26	36.63	
1999	65.24	80.54	100.29	35.05	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
2000	64.57	99.39	100.14	35.57	
2001	65.37	107.74	100.14	34.77	
2002	67.5	127.44	100.17	32.67	
2003	66.91	18.16	99.66	32.75	
2004	63.57	17.93	99.66	36.09	
2005	63.35	8.56	99.66	36.31	
2006	67.21	8.71	99.76	32.55	
2007	62.56	82.28	99.67	37.11	
2008	65.87	7.46	99.96	34.09	
2009	64.47	17.61	99.87	35.4	
2010	61.37	15.54	99.75	38.38	
2011	62.05	29.72	99.74	37.69	
2012	64.34	35.01	99.84	35.5	
2013	61.08	19.07	99.79	38.71	
2014	60.23	35.65	99.76	39.53	
2015	57.65	34.72	99.72	42.07	
2016	56.2	34.05	99.69	43.49	
2017	56.88	100.08	99.67	42.79	
2018	57.06	46.18	99.66	42.6	
2019	56.89	0	99.65	42.76	
2020	57.57	157.83	99.58	42.01	
2021	56.89	0	99.65	42.76	
2022	62.19	32.7	99.65	37.46	
2023	52.15	24.77	99.66	47.51	
2024	52.72	21.13	99.65	46.93	
2025	51.67	17.82	99.66	47.99	
2026	51.58	17.66	99.67	48.09	
2027	51.58	20.58	99.68	48.1	
2028	51.47	23.99	99.7	48.23	
2029	52.94	35.74	99.74	46.8	
2030	57.4	44.65	99.78	42.38	
2031	61.16	9.39	99.8	38.64	
2032	51.65	23.24	99.81	48.16	
2033	56.85	16.74	99.8	42.95	
2034	55.11	34.04	99.77	44.66	
2035	52.89	17.19	99.75	46.86	
2036	50.59	41.62	99.58	48.99	
2037	50.56	40.89	99.67	49.11	
2038	51.05	77.63	99.64	48.59	
2039	51.69	59.51	99.63	47.94	
2040	51.39	7.97	99.63	48.24	
2041	51.42	34.59	99.63	48.21	
2042	51.1	47.53	99.58	48.48	
2043	50.48	35.03	99.58	49.1	
2044	57.28	115.47	99.58	42.3	
2045	52.24	8.56	99.63	47.39	
2046	52.63	76.02	99.62	46.99	
2047	59.05	22.18	99.63	40.58	
2048	62.86	59.99	99.66	36.8	
2049	61.05	27.15	99.66	38.61	
2050	61.05	79.27	99.66	38.61	
2051	61.31	48.22	99.67	38.36	
2052	61.14	20.47	99.7	38.56	
2053	60.5	36.63	99.67	39.17	
2054	60.22	67.5	99.66	39.44	
2055	62.74	27.85	99.66	36.92	
2056	61.94	64.29	99.66	37.72	
2057	63.6	20.47	99.66	36.06	
2058	63.6	24.91	99.65	36.05	
2059	63.18	94.8	99.65	36.47	
2060	57.58	79.02	99.65	42.07	
2061	54.66	47.81	99.64	44.98	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
2062	54.07	46.51	99.63	45.56	
2063	53.63	67.66	99.59	45.96	
2064	51.62	47.86	99.58	47.96	
2065	60.38	265.06	99.84	39.46	
2066	55.48	99.26	99.64	44.16	
2067	56.74	36.73	99.65	42.91	
2068	57.54	40.66	99.66	42.12	
2069	58.31	47.85	99.74	41.43	
2070	61.05	35.64	99.92	38.87	
2071	60.4	52.27	99.61	39.21	
2072	57.05	42.39	99.56	42.51	
2073	51.83	8.63	99.55	47.72	
2074	50.65	3.76	99.55	48.9	
2075	49.54	17.24	99.54	50	
2076	50.05	18.78	99.51	49.46	
2077	56.85	28.98	99.51	42.66	
2078	57.37	43.63	99.5	42.13	
2079	60.75	7.23	99.5	38.75	
2080	50.29	0	99.54	49.25	
2081	51.71	24.87	99.49	47.78	
2082	50.77	51.84	99.49	48.72	
2083	49.54	96.13	99.49	49.95	
2084	50.39	74.44	99.49	49.1	
2085	53.66	43.93	99.48	45.82	
2086	57.45	35.98	99.48	42.03	
2087	61.31	86.38	99.49	38.18	
2088	66.37	161.48	99.51	33.14	
2089	63.35	37.98	99.59	36.24	
2090	67.05	53.14	99.63	32.58	
2091	63.11	0	99.73	36.62	
2092	55.7	95.24	99.51	43.81	
2093	64.93	2.08	99.79	34.86	
2094	58.86	16.71	99.55	40.69	
2095	51.78	82.28	99.46	47.68	
2096	54.18	57.65	99.45	45.27	
2097	50.09	60.57	99.45	49.36	
2098	49.67	33.57	99.45	49.78	
2099	50.86	8.41	99.46	48.6	
2100	50.28	30.93	99.45	49.17	
2101	49.79	188.83	99.45	49.66	
2102	49.05	573.18	99.46	50.41	
2103	49.2	8.09	99.38	50.18	
2104	49.4	0	99.47	50.07	
2105	48.1	7.54	99.45	51.35	
2106	48.48	17.43	99.46	50.98	
2107	58.67	105.24	99.45	40.78	
2108	49.45	87.2	99.48	50.03	
2109	50.29	7.49	99.52	49.23	
2110	53.68	8.71	99.18	45.5	
2111	50.45	17.75	99.2	48.75	
2112	49.71	5.93	99.31	49.6	
2113	48.13	5.29	99.33	51.2	
2114	48.31	64.3	99.28	50.97	
2115	63.59	57.83	99.05	35.46	
2116	60.93	30.5	99.13	38.2	
2117	60.71	36.31	99.15	38.44	
2118	51.79	31.45	99.18	47.39	
2119	52.23	83.43	99.17	46.94	
2120	49.28	49.18	99.27	49.99	
2121	49.28	37.68	99.27	49.99	
2122	48.41	3.76	99.04	50.63	
2123	51.64	19.14	99.04	47.4	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
2124	56.27	17.49	99.15	42.88	
2125	63.82	36.28	99.02	35.2	
2126	58.05	34.17	99.02	40.97	
2127	65.45	17.84	99.04	33.59	
2128	61.07	7.27	99.02	37.95	
2129	64.29	17.52	99.04	34.75	
2130	62.52	16.87	99.03	36.51	
2131	59.09	78.33	99.02	39.93	
2132	49.79	62.9	99.02	49.23	
2133	61.05	15.97	99.02	37.97	
2134	59.32	28.75	99.02	39.7	
2135	54.05	61.55	99.02	44.97	
2136	52.11	173.56	99.18	47.07	
2137	51.27	18.27	99.02	47.75	
2138	57.42	7.32	99.02	41.6	
2139	50.74	57.11	99.02	48.28	
2140	56.5	76.21	99.19	42.69	
2141	66.05	16.24	99.21	33.16	
2142	54.32	18.13	99.2	44.88	
2143	57.08	40.79	99.19	42.11	
2144	49.11	3.77	99.06	49.95	
2145	49.66	2.24	99.06	49.4	
2146	50.41	4.51	99.07	48.66	
2147	50.06	18.05	98.94	48.88	
2148	50.41	2.74	99.07	48.66	
2149	50.76	93.96	99.07	48.31	
2150	51.08	3.04	99.07	47.99	
2151	52.18	190.86	98.74	46.56	
2152	49.43	623.38	99.04	49.61	
2153	57.12	9.27	99.19	42.07	
2154	53.08	53.31	99.06	45.98	
2155	52.38	40.92	99.07	46.69	
2156	70.65	30.59	99.17	28.52	
2157	50.48	61.72	98.94	48.46	
2158	51.68	43	98.93	47.25	
2159	53.07	53.16	98.93	45.86	
2160	53.12	48.72	98.94	45.82	
2161	52.33	0	99.07	46.74	
2162	52.38	0.3	99.14	46.76	
2163	52.33	37.6	99.12	46.79	
2164	52.82	34.36	99.01	46.19	
2165	53.07	16.57	99.01	45.94	
2166	53.57	62.47	98.93	45.36	
2167	70.67	29.19	99.08	28.41	
2168	55.68	35.76	99.03	43.35	
2169	52.91	7.85	99.01	46.1	
2170	54.89	23.74	99.01	44.12	
2171	53.07	65.33	98.94	45.87	
2172	53.12	5.37	98.96	45.84	
2173	52.92	23.25	98.93	46.01	
2174	52.63	7.76	98.93	46.3	
2175	52.71	0	98.94	46.23	
2176	52.71	19.51	98.94	46.23	
2177	53.07	9.78	98.95	45.88	
2178	52.78	25.12	98.94	46.16	
2179	55.4	6.49	98.94	43.54	
2180	52.82	17.85	98.94	46.12	
2181	52.75	18.27	98.94	46.19	
2182	52.92	4.69	98.8	45.88	
2183	52.9	9.83	98.94	46.04	
2184	50.13	1.63	98.75	48.62	
2185	54.89	19.1	99.01	44.12	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
2186	55.53	48.9	99.01	43.48	
2187	53.12	16.73	98.93	45.81	
2188	52.8	17.63	98.94	46.14	
2189	52.81	16.56	98.91	46.1	
2190	53.11	0	98.92	45.81	
2191	53.12	17.58	98.79	45.67	
2192	57.67	4.07	98.84	41.17	
2193	53.11	18.34	98.92	45.81	
2194	53.12	0	98.77	45.65	
2195	53.12	9.5	98.77	45.65	
2196	53.34	0.61	98.79	45.45	
2197	52.89	2.55	98.74	45.85	
2198	53.27	8.44	98.77	45.5	
2199	52.7	8.26	98.69	45.99	
2200	54.7	9.5	98.71	44.01	
2201	53.64	2.91	98.75	45.11	
2202	53.38	16.31	98.52	45.14	
2203	52.79	18.21	98.52	45.73	
2204	53.43	1.07	98.48	45.05	
2205	52.9	1.04	98.45	45.55	
2206	53.28	0.3	98.46	45.18	
2207	52.83	41.88	98.42	45.59	
2208	52.91	19.61	98.39	45.48	
2209	53.34	19.31	98.35	45.01	
2210	53.5	17.01	98.33	44.83	
2211	55.58	9.03	98.33	42.75	
2212	55.06	24.95	98.32	43.26	
2213	52.26	113.82	98.31	46.05	
2214	53.59	20.22	98.33	44.74	
2215	53.27	42.71	98.35	45.08	
2216	53.2	51.37	98.35	45.15	
2217	52.76	45.35	98.34	45.58	
2218	50.76	21.72	98.32	47.56	
2219	52.1	7.58	98.32	46.22	
2220	52.1	50.08	98.32	46.22	
2221	52.1	5.62	98.32	46.22	
2222	52.1	29.11	98.32	46.22	
2223	53.43	25.15	98.32	44.89	
2224	53.6	20.83	98.32	44.72	
2225	51.83	53.92	98.32	46.49	
2226	53.07	40.55	98.34	45.27	
2227	59.05	29.76	99.32	40.27	
2228	53.73	7.29	99.17	45.44	
2229	56.94	0	99.01	42.07	
2230	53.43	72.14	99.08	45.65	
2231	53.22	25	98.7	45.48	
2232	53.82	7.49	98.62	44.8	
2233	53.53	70.14	98.7	45.17	
2234	53.64	17.43	98.62	44.98	
2235	53.91	7.32	98.59	44.68	
2236	53.65	18.91	98.59	44.94	
2237	53.76	32.53	98.51	44.75	
2238	53.2	22.98	98.51	45.31	
2239	54.13	15.78	98.51	44.38	
2240	53.66	8.28	98.5	44.84	
2241	55.53	7.81	98.51	42.98	
2242	53.74	18.6	98.5	44.76	
2243	53.5	20.13	98.5	45	
2244	54.34	32.8	98.48	44.14	
2245	55.35	16.15	98.47	43.12	
2246	55.57	0	98.41	42.84	
2247	55.5	0	98.57	43.07	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
2248	55.05	114.9	98.55	43.5	
2249	55.06	70.74	98.51	43.45	
2250	55.43	7.93	98.5	43.07	
2251	55.21	28.15	98.17	42.96	
2252	60.14	47	98.17	38.03	
2253	54.9	5.39	98.17	43.27	
2254	55.21	46.73	98.17	42.96	
2255	55.19	25.82	98.17	42.98	
2256	56.73	16.4	98.16	41.43	
2257	59.43	76.38	98.33	38.9	
2258	57.83	0	98.33	40.5	
2259	57.83	0	98.33	40.5	
2260	54.81	50.42	98.23	43.42	
2261	54.9	9.8	98.17	43.27	
2262	55.75	66.8	98.17	42.42	
2263	61.46	23.11	98.2	36.74	
2264	57.16	22.14	98.2	41.04	
2265	55.59	45.4	98.21	42.62	
2266	55.59	49.31	98.18	42.59	
2267	57.25	7.67	98.21	40.96	
2268	59.1	3.35	98.29	39.19	
2269	56.1	24.9	98.21	42.11	
2270	56.93	8.36	98.21	41.28	
2271	57.1	6.77	98.21	41.11	
2272	57.17	8.94	98.21	41.04	
2273	59.46	15.5	98.29	38.83	
2274	59.61	1.14	98.26	38.65	
2275	59.37	16.97	98.24	38.87	
2276	59.1	22.55	98.21	39.11	
2277	57.18	34.17	98.2	41.02	
2278	55.9	35.82	98.21	42.31	
2279	56.11	19.3	98.21	42.1	
2280	56.59	20.74	98.2	41.61	
2281	46.66	23.12	96.89	50.23	
2282	49.77	17.4	96.97	47.2	
2283	46.36	14.91	96.89	50.53	
2284	45.63	11.18	96.9	51.27	
2285	45.55	14.23	96.9	51.35	
2286	45.39	19.97	96.91	51.52	
2287	45.36	18.11	96.95	51.59	
2288	45.58	19.33	97.04	51.46	
2289	45.94	9.88	96.99	51.05	
2290	45.89	13.48	96.87	50.98	
2291	47.12	10.67	96.87	49.75	
2292	45.05	11.3	96.87	51.82	
2293	44.76	13.58	96.9	52.14	
2294	44.75	17.61	96.9	52.15	
2295	44.79	11.08	96.91	52.12	
2296	45.84	7.43	96.95	51.11	
2297	44.8	7.11	96.95	52.15	
2298	44.9	30.94	96.9	52	
2299	44.77	65.86	96.89	52.12	
2300	43.75	18.13	96.87	53.12	
2301	44.68	17.17	96.87	52.19	
2302	44.15	17.96	96.85	52.7	
2303	45.45	16.08	96.85	51.4	
2304	44.2	165.69	96.85	52.65	
2305	45.22	14.67	96.85	51.63	
2306	45.55	14.17	96.85	51.3	
2307	44.94	16.29	96.85	51.91	
2308	44.09	9.42	96.85	52.76	
2309	43.87	70.67	96.85	52.98	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
2310	45.34	8.69	96.85	51.51	
2311	44.51	9.9	96.86	52.35	
2312	44.43	10.15	96.85	52.42	
2313	44.06	133.38	96.85	52.79	
2314	43.91	26.69	96.85	52.94	
2315	43.88	9.39	96.85	52.97	
2316	44.67	8.02	98.82	54.15	
2317	44.33	0	99.03	54.7	
2318	44.28	0.81	99.02	54.74	
2319	43.56	28.87	98.76	55.2	
2320	43.83	7.3	98.73	54.9	
2321	43.46	8.56	98.72	55.26	
2322	43.51	18.49	98.72	55.21	
2323	43.55	52.53	98.71	55.16	
2324	44.71	20.66	98.71	54	
2325	40.29	32.44	98.71	58.42	
2326	40.86	59.61	98.71	57.85	
2327	44.51	24.95	98.72	54.21	
2328	45.06	6.32	98.74	53.68	
2329	45.36	0.3	98.72	53.36	
2330	44.86	59.23	98.71	53.85	
2331	42.54	100.46	98.71	56.17	
2332	43.31	64.12	98.71	55.4	
2333	41.12	57.05	98.71	57.59	
2334	42.76	27.1	98.71	55.95	
2335	42.52	50.94	98.71	56.19	
2336	44.41	112.12	98.71	54.3	
2337	41.7	8.22	98.71	57.01	
2338	45.09	36.39	98.71	53.62	
2339	44.05	27.54	98.73	54.68	
2340	43.87	32.73	98.71	54.84	
2341	44.34	26.55	98.71	54.37	
2342	44.34	9.31	98.73	54.39	
2343	43.83	65.08	98.73	54.9	
2344	43.41	9.07	98.72	55.31	
2345	44.64	8.64	98.73	54.09	
2346	44.53	18.85	98.74	54.21	
2347	43.74	43.63	98.75	55.01	
2348	44.24	9.37	98.75	54.51	
2349	43.81	42.53	98.76	54.95	
2350	44.37	54.93	98.76	54.39	
2351	45.64	15.66	98.76	53.12	
2352	44.83	0.48	98.75	53.92	
2353	45.32	20.16	98.75	53.43	
2354	44.37	41.42	98.75	54.38	
2355	45.19	4.68	98.75	53.56	
2356	44.3	36.99	98.75	54.45	
2357	44.94	26.56	98.74	53.8	
2358	44.27	37.3	98.73	54.46	
2359	44.83	7.11	98.81	53.98	
2360	45.35	4.38	98.81	53.46	
2361	45.18	22.16	98.81	53.63	
2362	45.05	16.53	98.81	53.76	
2363	44.83	1.04	98.81	53.98	
2364	45.06	48.07	98.81	53.75	
2365	44.67	25.43	98.82	54.15	
2366	44.8	15.97	98.81	54.01	
2367	44.56	17.13	98.82	54.26	
2368	42.35	15.66	98.87	56.52	
2369	42.77	5.21	98.82	56.05	
2370	44.05	0	98.99	54.94	
2371	42.05	1.65	98.94	56.89	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
2372	46.32	20	98.9	52.58	
2373	42.1	8.64	98.9	56.8	
2374	47.33	33.32	98.85	51.52	
2375	45.92	51.1	98.82	52.9	
2376	43.05	22.61	98.81	55.76	
2377	41.18	19.31	98.84	57.66	
2378	41.22	27.71	98.82	57.6	
2379	47.68	71.18	98.84	51.16	
2380	45.12	9.76	98.88	53.76	
2381	44.66	26.68	98.87	54.21	
2382	44.78	18.6	98.88	54.1	
2383	44.72	44.48	98.86	54.14	
2384	46.62	25.69	98.85	52.23	
2385	45.61	56.71	98.85	53.24	
2386	43.72	35.96	98.86	55.14	
2387	43.55	45.62	98.89	55.34	
2388	43.42	32.84	98.82	55.4	
2389	42.81	5.94	98.8	55.99	
2390	42.77	81.22	98.81	56.04	
2391	45.83	38.54	98.85	53.02	
2392	45.82	34.42	98.85	53.03	
2393	45.12	32.96	98.94	53.82	
2394	44.66	33.53	98.87	54.21	
2395	45.2	35.68	98.85	53.65	
2396	45.14	19.73	98.85	53.71	
2397	45.4	2.59	98.86	53.46	
2398	44.92	19.69	98.86	53.94	
2399	44.05	24.29	98.95	54.9	
2400	43.94	16.17	98.94	55	
2401	44.67	23.42	98.9	54.23	
2402	44.05	65.41	98.91	54.86	
2403	44.32	7.95	98.89	54.57	
2404	44.32	41.1	98.89	54.57	
2405	46.31	56.72	98.89	52.58	
2406	46.31	22.08	98.9	52.59	
2407	46.37	9.79	98.92	52.55	
2408	47.06	25.97	98.95	51.89	
2409	46.57	18.37	98.92	52.35	
2410	46.49	9.72	98.89	52.4	
2411	46.16	25.19	98.89	52.73	
2412	46.46	8.75	98.89	52.43	
2413	46.28	35.38	98.89	52.61	
2414	44.73	48.33	98.89	54.16	
2415	46.62	16.14	98.89	52.27	
2416	44.12	3.72	98.88	54.76	
2417	44.14	31.39	98.9	54.76	
2418	44.09	8.51	98.92	54.83	
2419	43.26	25.77	98.89	55.63	
2420	44.17	18.95	98.89	54.72	
2421	43.44	21.96	98.89	55.45	
2422	47.37	22.64	98.89	51.52	
2423	47.86	35.96	98.88	51.02	
2424	43.29	19.29	98.88	55.59	
2425	47.9	16.35	98.88	50.98	
2426	46.4	4.98	98.88	52.48	
2427	47.9	6.15	98.88	50.98	
2428	43.55	35.01	98.89	55.34	
2429	44.17	27.84	98.89	54.72	
2430	44.17	18.43	98.89	54.72	
2431	44.84	51.95	98.91	54.07	
2432	45.21	30.84	98.94	53.73	
2433	45.73	134.17	98.89	53.16	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
2434	46.89	82.56	98.88	51.99	
2435	45.7	19.66	98.89	53.19	
2436	45.7	7.88	98.89	53.19	
2437	45.44	9.94	98.9	53.46	
2438	45.81	84.12	98.9	53.09	
2439	45.32	22.78	98.92	53.6	
2440	45.38	17.83	98.94	53.56	
2441	47.61	18.42	98.94	51.33	
2442	47.14	35.18	98.94	51.8	
2443	47.78	4.12	98.9	51.12	
2444	48.87	30.18	98.88	50.01	
2445	47.81	36.68	98.9	51.09	
2446	47.76	1.92	98.94	51.18	
2447	47.65	19.52	98.94	51.29	
2448	48.47	9.2	98.88	50.41	
2449	48.48	0	98.94	50.46	
2450	47.65	17.59	98.86	51.21	
2451	47.12	17.71	98.91	51.79	
2452	46.83	17	98.92	52.09	
2453	47.44	7.84	98.92	51.48	
2454	47.59	30.46	98.87	51.28	
2455	47.44	17.05	98.88	51.44	
2456	47.38	26.63	98.9	51.52	
2457	47.43	18.97	98.9	51.47	
2458	46.71	19.83	98.9	52.19	
2459	46.51	25.65	98.9	52.39	
2460	47.84	9.25	98.89	51.05	
2461	47.43	17.81	98.89	51.46	
2462	47.37	21.87	98.89	51.52	
2463	47.26	3.64	98.88	51.62	
2464	48.13	7.23	98.88	50.75	
2465	47.93	46.1	98.88	50.95	
2466	47.81	3.06	98.88	51.07	
2467	44.61	5.17	98.88	54.27	
2468	44.52	0.53	98.88	54.36	
2469	43.49	9.32	98.88	55.39	
2470	48.22	15.84	98.84	50.62	
2471	44.12	7.93	98.87	54.75	
2472	43.49	106.38	98.84	55.35	
2473	48.43	21.46	98.88	50.45	
2474	47.42	19.24	98.84	51.42	
2475	47.3	1.78	98.85	51.55	
2476	48.45	19.26	98.86	50.41	
2477	47.42	0	98.85	51.43	
2478	47.42	0	98.85	51.43	
2479	47.25	15.75	98.81	51.56	
2480	47.4	10	98.79	51.39	
2481	47.91	153.16	98.77	50.86	
2482	48.09	84.73	98.74	50.65	
2483	48.09	0	98.74	50.65	
2484	47.8	32.1	98.74	50.94	
2485	47.37	7.63	98.8	51.43	
2486	47.42	15.48	98.83	51.41	
2487	47.68	3.41	98.78	51.1	
2488	48.42	20.48	98.83	50.41	
2489	47.74	167.33	98.78	51.04	
2490	44.9	24.25	98.74	53.84	
2491	47.66	22.27	98.75	51.09	
2492	47.73	7.26	98.74	51.01	
2493	47.53	2.25	98.74	51.21	
2494	47.53	8.66	98.74	51.21	
2495	45.07	5.8	98.74	53.67	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
2496	44.9	21.33	98.74	53.84	
2497	47.52	9.28	98.74	51.22	
2498	44.86	3.72	98.74	53.88	
2499	48.26	31.19	98.73	50.47	
2500	45.17	3.97	98.74	53.57	
2501	48.28	0	98.75	50.47	
2502	48.28	7.15	98.75	50.47	
2503	48.87	6.73	98.74	49.87	
2504	48.05	9.42	98.74	50.69	
2505	48.32	30.62	98.82	50.5	
2506	47.76	15.88	98.84	51.08	
2507	48.07	15.88	98.82	50.75	
2508	48.08	75.31	98.81	50.73	
2509	47.88	45.18	98.8	50.92	
2510	47.88	0.06	98.78	50.9	
2511	48.13	7.29	98.76	50.63	
2512	47.93	17.57	98.81	50.88	
2513	48.46	6.29	98.78	50.32	
2514	48.08	19.49	98.8	50.72	
2515	48.87	27.45	98.79	49.92	
2516	48.25	2.83	98.78	50.53	
2517	47.8	18.42	98.71	50.91	
2518	48.91	8.15	98.71	49.8	
2519	50.12	18.94	98.7	48.58	
2520	48.12	17.51	98.71	50.59	
2521	49.32	15.54	98.71	49.39	
2522	48.12	16.62	98.73	50.61	
2523	48.63	18.24	98.71	50.08	
2524	49.33	19.21	98.7	49.37	
2525	49.83	4.71	98.71	48.88	
2526	50.26	73.02	98.7	48.44	
2527	50.29	17.27	98.71	48.42	
2528	50.44	2.98	98.7	48.26	
2529	50.55	15.95	98.69	48.14	
2530	50.31	3.28	98.71	48.4	
2531	50.74	17.72	98.69	47.95	
2532	50.12	80.53	98.69	48.57	
2533	48.12	29.52	98.73	50.61	
2534	48.65	46.52	98.71	50.06	
2535	50.55	62.43	98.69	48.14	
2536	44.86	45.71	98.74	53.88	
2537	49.3	54.33	98.7	49.4	
2538	46.18	68.26	98.69	52.51	
2539	48.33	41.93	98.73	50.4	
2540	49.32	0	98.74	49.42	
2541	49.32	9.8	98.74	49.42	
2542	50.61	95.72	98.7	48.09	
2543	49.82	0	98.71	48.89	
2544	49.91	2.6	98.71	48.8	
2545	50.82	7.95	98.7	47.88	
2546	48.13	33.4	98.73	50.6	
2547	50.43	73.82	98.7	48.27	
2548	50.94	0.34	98.7	47.76	
2549	52.91	7.96	98.7	45.79	
2550	51.91	15.73	98.69	46.78	
2551	47.44	46.24	98.69	51.25	
2552	50.69	0	98.64	47.95	
2553	51.08	0	98.58	47.5	
2554	50.31	24.85	98.68	48.37	
2555	50.31	0	98.64	48.33	
2556	50.18	0	98.63	48.45	
2557	46.79	40.18	98.69	51.9	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
2558	51.08	204.95	98.58	47.5	
2559	51.12	16.54	98.7	47.58	
2560	51.34	4.82	98.69	47.35	
2561	50.94	4.5	98.7	47.76	
2562	49.42	8.23	98.7	49.28	
2563	49.91	24.21	98.7	48.79	
2564	50.12	23.04	98.69	48.57	
2565	49.81	92.23	98.68	48.87	
2566	50.11	21.96	98.68	48.57	
2567	50.11	68.72	98.64	48.53	
2568	49.89	23.6	98.68	48.79	
2569	49.89	0	98.68	48.79	
2570	49.6	58.28	98.68	49.08	
2571	49.31	39.17	98.68	49.37	
2572	48.91	37.15	98.73	49.82	
2573	48.82	91.41	98.75	49.93	
2574	48.66	59.08	98.73	50.07	
2575	48.85	18.14	98.79	49.94	
2576	49.18	16.21	98.73	49.55	
2577	48.76	5.46	98.81	50.05	
2578	49.24	86.34	98.66	49.42	
2579	48.9	34.16	98.67	49.77	
2580	49.23	7.08	98.65	49.42	
2581	49.4	93.68	98.64	49.24	
2582	52.33	255.07	98.51	46.18	
2583	51.94	52.37	98.52	46.58	
2584	52.69	19.29	98.51	45.82	
2585	50.73	0	98.49	47.76	
2586	50.73	0	98.49	47.76	
2587	50.73	0	98.49	47.76	
2588	50.79	0	98.49	47.7	
2589	50.82	49.61	98.49	47.67	
2590	53.64	0	98.5	44.86	
2591	53.64	30	98.5	44.86	
2592	53.64	19.84	98.5	44.86	
2593	52.93	8.35	98.5	45.57	
2594	52.17	15.76	98.5	46.33	
2595	52.91	6.27	98.5	45.59	
2596	51.75	16.78	98.5	46.75	
2597	51.75	0	98.5	46.75	
2598	52.17	0	98.5	46.33	
2599	51.1	0	98.5	47.4	
2600	51.47	34.16	98.5	47.03	
2601	51.12	40.92	98.49	47.37	
2602	51.1	5.55	98.5	47.4	
2603	50.9	23.05	98.5	47.6	
2604	51.1	0	98.5	47.4	
2605	51.78	7.19	98.5	46.72	
2606	51.52	20.48	98.49	46.97	
2607	51.8	0	98.49	46.69	
2608	50.9	76.24	98.49	47.59	
2609	51.52	0	98.5	46.98	
2610	51.8	2.63	98.5	46.7	
2611	50.63	188.09	98.49	47.86	
2612	50.58	90.41	98.48	47.9	
2613	52.48	23.52	98.49	46.01	
2614	48.63	17.91	98.49	49.86	
2615	52.49	0	98.49	46	
2616	52.49	20.75	98.49	46	
2617	47.55	20.43	98.49	50.94	
2618	50.66	9.19	98.49	47.83	
2619	51.16	9.9	98.49	47.33	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
2620	47.86	19.02	98.49	50.63	
2621	48.71	35.82	98.51	49.8	
2622	51.74	31.62	98.49	46.75	
2623	52.11	8.45	98.49	46.38	
2624	52.9	8.53	98.51	45.61	
2625	52.48	7.24	98.5	46.02	
2626	49.1	50.54	98.5	49.4	
2627	52.9	0	98.5	45.6	
2628	52.41	6.03	98.5	46.09	
2629	52.88	0	98.5	45.62	
2630	52.9	0.3	98.5	45.6	
2631	52.47	16.11	98.5	46.03	
2632	52.86	6.46	98.5	45.64	
2633	53.13	16.18	98.5	45.37	
2634	49.24	34.08	98.5	49.26	
2635	52.86	0	98.5	45.64	
2636	53.22	0	98.5	45.28	
2637	53.05	15.87	98.5	45.45	
2638	53.1	7.05	98.5	45.4	
2639	53.1	8.28	98.5	45.4	
2640	53.22	7.91	98.5	45.28	
2641	53.06	15.87	98.5	45.44	
2642	52.24	7.4	98.5	46.26	
2643	53.55	7.72	98.4	44.85	
2644	54.46	3.29	98.37	43.91	
2645	55.16	19.17	98.34	43.18	
2646	52.31	63.81	98.37	46.06	
2647	54.93	43.37	98.36	43.43	
2648	54.1	231.93	98.35	44.25	
2649	54.29	4.37	98.35	44.06	
2650	52.66	33.48	98.37	45.71	
2651	53.23	21.65	98.36	45.13	
2652	52.93	23.2	98.37	45.44	
2653	53.16	7.24	98.39	45.23	
2654	49.44	7.01	98.36	48.92	
2655	53.06	0	98.5	45.44	
2656	49.64	0	98.5	48.86	
2657	50.09	8.44	98.36	48.27	
2658	54.74	4.82	98.35	43.61	
2659	55.08	55.19	98.35	43.27	
2660	54.94	177.23	98.33	43.39	
2661	54.81	26.32	98.33	43.52	
2662	54.89	80.42	98.34	43.45	
2663	54.92	8.55	98.35	43.43	
2664	55.81	19.31	98.35	42.54	
2665	54.63	43.15	98.34	43.71	
2666	54.76	9.49	98.34	43.58	
2667	50.57	3.02	98.35	47.78	
2668	55.72	3.48	98.4	42.68	
2669	55.28	4.76	98.35	43.07	
2670	55.15	9.36	98.35	43.2	
2671	54.5	6.55	98.34	43.84	
2672	55.81	6.71	98.35	42.54	
2673	55.14	1.48	98.35	43.21	
2674	55.46	16.27	98.35	42.89	
2675	51.31	9.47	98.34	47.03	
2676	55.87	0	98.35	42.48	
2677	54.63	7.7	98.32	43.69	
2678	54.49	15.58	98.33	43.84	
2679	55.74	16.54	98.35	42.61	
2680	55.74	0	98.36	42.62	
2681	51.16	18.74	98.34	47.18	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
2682	54.26	17.87	98.34	44.08	
2683	55.48	5.93	98.37	42.89	
2684	51.29	19.46	98.34	47.05	
2685	54.26	5.14	98.34	44.08	
2686	54.31	16.79	98.34	44.03	
2687	55.55	42	98.35	42.8	
2688	54.54	18.43	98.34	43.8	
2689	53.35	3.77	98.34	44.99	
2690	54.33	3.58	98.34	44.01	
2691	54.06	6.37	98.34	44.28	
2692	52.69	5.84	98.34	45.65	
2693	52.92	0.3	98.35	45.43	
2694	50.1	1.94	98.35	48.25	
2695	52.34	32.93	98.34	46	
2696	52.3	18.05	98.33	46.03	
2697	52.78	19.33	98.34	45.56	
2698	53.24	2.21	98.34	45.1	
2699	53.13	8.51	98.34	45.21	
2700	55.09	79.84	98.29	43.2	
2701	52.92	3.99	98.29	45.37	
2702	55.28	16.18	98.3	43.02	
2703	55.23	58.38	98.32	43.09	
2704	55.32	9.24	98.25	42.93	
2705	56.33	8.73	98.26	41.93	
2706	52.85	108.06	98.2	45.35	
2707	53.49	76.68	98.2	44.71	
2708	54.38	31.79	98.2	43.82	
2709	53.45	20.25	98.19	44.74	
2710	54.62	1.2	98.3	43.68	
2711	54.86	2.47	98.3	43.44	
2712	56.15	8.69	98.15	42	
2713	57.43	878.83	97.63	40.2	
2714	55.18	17.93	98.26	43.08	
2715	54.67	24.09	98.26	43.59	
2716	55.18	18.27	98.25	43.07	
2717	55.1	20.48	98.24	43.14	
2718	55.15	27.33	98.24	43.09	
2719	55.82	21.85	98.23	42.41	
2720	53.11	89.25	98.21	45.1	
2721	54.94	52.9	98.2	43.26	
2722	56.21	42.36	98.21	42	
2723	56.39	66.71	98.17	41.78	
2724	56.86	21.91	98.15	41.29	
2725	58.31	33.84	98.2	39.89	
2726	51.31	9.66	98.19	46.88	
2727	56.2	8.27	98.19	41.99	
2728	56.49	7.98	98.19	41.7	
2729	56.06	3.5	98.19	42.13	
2730	52.59	24.97	98.19	45.6	
2731	58.88	21.6	98.2	39.32	
2732	55.05	4.86	98.18	43.13	
2733	55.95	9.15	98.18	42.23	
2734	51.33	16.35	98.19	46.86	
2735	56.91	7.22	98.2	41.29	
2736	56.05	81.45	98.18	42.13	
2737	58.46	38.91	98.2	39.74	
2738	60.34	4.97	98.2	37.86	
2739	60.34	15.57	98.2	37.86	
2740	64.67	22.92	98.27	33.6	
2741	68.47	9.23	98.41	29.94	
2742	64.1	9.82	98.65	34.55	
2743	61.26	56.32	98.19	36.93	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
2744	60.79	22.87	98.19	37.4	
2745	61.12	0	98.19	37.07	
2746	61.12	32.38	98.19	37.07	
2747	59.62	18.09	98.15	38.53	
2748	58.05	33.79	98.15	40.1	
2749	72.48	15.92	98.26	25.78	
2750	72.48	23.91	98.2	25.72	
2751	72.48	17.88	98.25	25.77	
2752	69.4	16.09	98.34	28.94	
2753	66.28	17.36	98.58	32.3	
2754	67.11	26.9	98.34	31.23	
2755	68.08	9.25	98.25	30.17	
2756	61.85	34.7	98.15	36.3	
2757	73.38	45.73	100.54	27.16	
2758	68.64	16.96	98.24	29.6	
2759	70.58	17.33	100.71	30.13	
2760	74.9	7.18	100.71	25.81	
2761	59.22	31.31	98.15	38.93	
2762	60.23	38.65	98.12	37.89	
2763	59.64	32.62	98.15	38.51	
2764	62.06	29.24	98.09	36.03	
2765	70.05	35.21	98.08	28.03	
2766	59.06	30.97	98.17	39.11	
2767	60.85	54.24	98.16	37.31	
2768	55.64	2.08	98.17	42.53	
2769	60.85	0	98.16	37.31	
2770	59.94	65.68	98.1	38.16	
2771	59.71	22.33	98.15	38.44	
2772	58.28	37.37	98.15	39.87	
2773	60.23	0	98.12	37.89	
2774	72.43	18.58	97.8	25.37	
2775	62.2	0	97.98	35.78	
2776	62.2	0	97.98	35.78	
2777	76.07	0	100.9	24.83	
2778	76.07	15.7	100.9	24.83	
2779	65.73	45.25	100.83	35.1	
2780	62.7	58.36	100.62	37.92	
2781	72.91	3.6	101.06	28.15	
2782	45.16	17.13	98.78	53.62	
2783	45.25	35.33	98.81	53.56	
2784	45.27	27.02	98.83	53.56	
2785	45.32	16.14	98.85	53.53	
2786	45.14	21.39	99.06	53.92	
2787	63.79	21.68	99.96	36.17	
2788	60.49	0	99.99	39.5	
2789	64.46	18.48	99.95	35.49	
2790	59.28	8.22	99.95	40.67	
2791	58.51	29.71	99.76	41.25	
2792	66.15	168.39	99.58	33.43	
2793	66.23	30.74	99.52	33.29	
2794	69.64	98.39	99.47	29.83	
2795	64.58	50.55	99.43	34.85	
2796	60.44	24.72	99.42	38.98	
2797	55.41	75.05	99.39	43.98	
2798	65.35	86.31	99.56	34.21	
2799	66.13	38.16	99.73	33.6	
2800	70.4	15.92	99.5	29.1	
2801	61.54	177.07	99.41	37.87	
2802	68.37	72.66	99.55	31.18	
2803	62.05	45.56	99.71	37.66	
2804	63.08	17.89	99.55	36.47	
2805	66.62	19.45	99.45	32.83	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
2806	58.92	9.9	99.4	40.48	
2807	54.63	26.43	99.36	44.73	
2808	53.65	95.85	99.31	45.66	
2809	51.48	895.22	99.1	47.62	
2810	51.27	30.59	99.6	48.33	
2811	51.45	20.31	99.3	47.85	
2812	51.76	18.66	99.45	47.69	
2813	52.11	9.41	99.37	47.26	
2814	52.11	7.08	99.31	47.2	
2815	51.39	36.59	99.31	47.92	
2816	51.38	15.43	99.31	47.93	
2817	51.91	17.87	99.32	47.41	
2818	52.09	29.11	99.31	47.22	
2819	53.63	34.48	99.39	45.76	
2820	53.08	28.94	99.38	46.3	
2821	53.11	39.38	99.36	46.25	
2822	53.19	24.02	99.36	46.17	
2823	52.94	7.47	99.33	46.39	
2824	57.87	18.1	99.25	41.38	
2825	58.83	16.68	99.22	40.39	
2826	56.22	19.35	99.26	43.04	
2827	49.76	34.59	99.28	49.52	
2828	51.73	4.71	99.3	47.57	
2829	49.93	15.59	99.27	49.34	
2830	53.21	17.13	99.26	46.05	
2831	52.38	115.84	99.32	46.94	
2832	52.24	21.77	99.28	47.04	
2833	52.62	45.28	99.31	46.69	
2834	53.46	27.31	99.35	45.89	
2835	51.3	7.11	99.31	48.01	
2836	52.57	7.29	99.31	46.74	
2837	52.06	8.75	99.31	47.25	
2838	52.56	28.89	99.31	46.75	
2839	51.61	37.95	99.31	47.7	
2840	52.19	27.94	99.31	47.12	
2841	51.9	19.9	99.31	47.41	
2842	69.64	138.81	99.45	29.81	
2843	64.07	8.4	99.48	35.41	
2844	67.07	21.77	99.46	32.39	
2845	67.68	2.2	99.45	31.77	
2846	64.18	16.32	99.45	35.27	
2847	61.55	17.56	99.44	37.89	
2848	60.4	122.14	99.44	39.04	
2849	56.57	33.84	99.45	42.88	
2850	61.45	24.65	99.43	37.98	
2851	63.64	71.4	99.43	35.79	
2852	58.6	9.76	99.44	40.84	
2853	56.35	7.88	99.44	43.09	
2854	55.76	3.64	99.48	43.72	
2855	55.84	8.4	99.46	43.62	
2856	55.94	5.33	99.46	43.52	
2857	55.43	5.77	99.44	44.01	
2858	55.58	5.8	99.44	43.86	
2859	55.86	2.42	99.46	43.6	
2860	64.71	29.96	99.43	34.72	
2861	66.57	33.47	99.43	32.86	
2862	62.83	28.02	99.43	36.6	
2863	61.57	24.82	99.43	37.86	
2864	64.25	3.34	99.43	35.18	
2865	64.88	17.74	99.43	34.55	
2866	63.54	18.11	99.43	35.89	
2867	66.33	21.91	99.44	33.11	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	등수두 (m)	잔류수두 (m)	비고
2868	67.64	6.08	99.44	31.8	
2869	64.58	18.99	99.43	34.85	
2870	63.56	5.86	99.43	35.87	
2871	62.73	8.78	99.43	36.7	
2872	64.29	21.96	99.43	35.14	
2873	57.06	9.97	99.44	42.38	
2874	55.84	6.46	99.44	43.6	
2875	55.5	5.76	99.45	43.95	
2876	55.5	16.37	99.44	43.94	
2877	64.39	28.67	99.42	35.03	
2878	60.44	16.35	99.42	38.98	
2879	60.44	45.66	99.41	38.97	
2880	56.21	8.36	99.42	43.21	
2881	53.92	7.72	99.42	45.5	
2882	53.92	5.32	99.4	45.48	
2883	53.24	8.62	99.38	46.14	
2884	53.11	26.93	99.38	46.27	
2885	52.16	20.75	99.41	47.25	
2886	54.05	31.89	99.57	45.52	
2887	54.71	24.67	99.5	44.79	
2888	60.53	22.56	99.43	38.9	
2889	54.05	55.68	99.43	45.38	
2890	54.76	2.98	99.39	44.63	
2891	55.45	6.68	99.44	43.99	
2892	55.38	6.62	99.47	44.09	
2893	54.19	24.34	99.43	45.24	
2894	54.69	98.7	99.41	44.72	
2895	53.51	37.54	99.39	45.88	
2896	55.49	18.67	99.44	43.95	
2897	63.76	38.49	99.54	35.78	
2898	62.68	48.22	99.55	36.87	
2899	60.94	31.36	99.57	38.63	
2900	59.68	78.3	99.56	39.88	
2901	61.74	21.88	99.56	37.82	
2902	59.75	46.74	99.97	40.22	
2903	60.4	37.24	99.56	39.16	
2904	56.9	51.84	99.58	42.68	
2905	55.94	9.64	99.59	43.65	
2906	53.05	8.08	99.63	46.58	
2907	54.05	30.92	99.66	45.61	
2908	54.51	70.36	99.7	45.19	
2909	60.81	41.51	99.56	38.75	
2910	59.17	68.06	99.56	40.39	
2911	57.66	52.99	99.57	41.91	
2912	55.94	78.11	99.59	43.65	
2913	54.62	0	99.73	45.11	
2914	54.62	15.63	99.73	45.11	
2915	55.63	42.93	99.68	44.05	
2916	55.63	8.51	99.74	44.11	
2917	60.88	45.02	99.65	38.77	
2918	56.89	74.74	99.58	42.69	
2919	55.75	36.78	99.66	43.91	
2920	59.15	7.97	99.58	40.43	
2921	59.38	70.95	99.59	40.21	
2922	60.69	26.59	99.6	38.91	
2923	61.76	0	100.33	38.57	
2924	60.82	40.11	99.63	38.81	
2925	61.31	0	100.1	38.79	
2926	60.87	62.05	99.63	38.76	
2927	59.35	148.62	99.73	40.38	
2928	58.81	30.92	99.68	40.87	
2929	57.94	51.1	99.59	41.65	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
2930	59.19	25.28	99.58	40.39	
2931	58.22	63.93	99.64	41.42	
2932	59.69	19.04	99.7	40.01	
2933	59.29	19.31	99.67	40.38	
2934	57.1	63.68	99.62	42.52	
2935	57.94	33.78	99.66	41.72	
2936	56.87	41.93	99.59	42.72	
2937	57.17	133.7	99.62	42.45	
2938	58.47	34.55	99.67	41.2	
2939	59.71	9.84	99.63	39.92	
2940	57.16	53.76	99.63	42.47	
2941	55.55	17.4	99.66	44.11	
2942	61.46	21.25	99.63	38.17	
2943	65.1	9.03	99.63	34.53	
2944	57.39	31.48	99.64	42.25	
2945	58.58	0	99.83	41.25	
2946	58.58	0	99.83	41.25	
2947	60.42	63.61	99.49	39.07	
2948	68.17	41.88	99.47	31.3	
2949	65.62	75.85	99.52	33.9	
2950	68.88	56.7	99.43	30.55	
2951	69.25	16.13	99.4	30.15	
2952	70.46	41.33	99.39	28.93	
2953	73.11	9	99.37	26.26	
2954	78.11	57.91	99.36	21.25	
2955	85.12	62.12	99.36	14.24	
2956	84.78	26.12	99.36	14.58	
2957	77.08	52.19	99.34	22.26	
2958	75.6	380.91	99.29	23.69	
2959	83.54	9.83	99.37	15.83	
2960	71.14	18.07	99.39	28.25	
2961	76.21	58.45	99.37	23.16	
2962	65.53	49.34	99.47	33.94	
2963	66.75	9.32	99.46	32.71	
2964	68.21	66.06	99.4	31.19	
2965	69.93	45.66	99.39	29.46	
2966	72.69	78.59	99.38	26.69	
2967	69.93	49.16	99.39	29.46	
2968	70.68	62.26	99.4	28.72	
2969	59.82	16.18	99.51	39.69	
2970	63.4	7.65	99.57	36.17	
2971	63.4	5.95	99.56	36.16	
2972	61.09	77.65	99.5	38.41	
2973	60.33	18.56	99.51	39.18	
2974	64.55	74.64	99.47	34.92	
2975	65.68	29.37	99.45	33.77	
2976	66.28	32.83	99.42	33.14	
2977	66.16	69.96	99.4	33.24	
2978	68.84	49.25	99.39	30.55	
2979	68.48	32.77	99.45	30.97	
2980	65.93	48.22	99.47	33.54	
2981	65.33	20.83	99.45	34.12	
2982	63.4	7.3	99.54	36.14	
2983	58.81	0	99.19	40.38	
2984	56.24	19.7	99.01	42.77	
2985	66.72	75.42	98.85	32.13	
2986	55.91	2.47	99.39	43.48	
2987	58.81	19.09	99.19	40.38	
2988	52.34	493.24	99.36	47.02	
2989	49.14	0	99.39	50.25	
2990	52.07	76.51	99.11	47.04	
2991	53.36	49.21	98.77	45.41	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
2992	54.47	152.14	99.39	44.92	
2993	53.12	8.15	98.88	45.76	
2994	52.93	2.66	98.83	45.9	
2995	53.18	15.79	98.8	45.62	
2996	52.36	7.96	98.77	46.41	
2997	52.56	26.49	98.73	46.17	
2998	53.43	25.99	98.7	45.27	
2999	53.89	26.17	98.66	44.77	
3000	53.48	31.56	98.66	45.18	
3001	54.11	21.33	98.59	44.48	
3002	52.11	56.57	98.59	46.48	
3003	54.3	8.86	98.87	44.57	
3004	49.65	32.39	98.87	49.22	
3005	54.08	34.33	98.86	44.78	
3006	53.92	39.71	98.85	44.93	
3007	53.92	51.17	98.81	44.89	
3008	53.74	49.07	98.81	45.07	
3009	64.35	111.01	98.75	34.4	
3010	50.76	24.43	98.81	48.05	
3011	50.53	28.74	98.85	48.32	
3012	51.11	16.16	98.8	47.69	
3013	53.54	18.12	98.76	45.22	
3014	52.71	17.23	98.76	46.05	
3015	53.34	7.88	98.75	45.41	
3016	53.45	47.42	98.72	45.27	
3017	53.91	6.89	98.75	44.84	
3018	54.34	17.71	98.75	44.41	
3019	63.12	26.17	98.75	35.63	
3020	54.53	23.09	98.75	44.22	
3021	53.45	9.8	98.75	45.3	
3022	60.92	86.69	98.66	37.74	
3023	63.87	36.82	98.72	34.85	
3024	55.3	49.63	98.7	43.4	
3025	55.14	21.94	98.6	43.46	
3026	54.67	16.41	98.6	43.93	
3027	66.2	22	98.76	32.56	
3028	73.29	6.8	98.75	25.46	
3029	73.12	60.73	98.83	25.71	
3030	70.54	19.58	98.8	28.26	
3031	70.5	78.27	98.86	28.36	
3032	67.92	29.87	98.77	30.85	
3033	75.06	43.83	98.81	23.75	
3034	74.68	48.52	98.83	24.15	
3035	69.61	18.34	98.8	29.19	
3036	70.11	40.28	98.81	28.7	
3037	68.45	22.56	98.87	30.42	
3038	70.69	7.13	98.81	28.12	
3039	72.47	37.68	98.82	26.35	
3040	74.28	25.99	98.83	24.55	
3041	69.92	79.84	98.85	28.93	
3042	56.62	18.04	98.84	42.22	
3043	62.57	5.06	98.83	36.26	
3044	59.07	49.5	98.85	39.78	
3045	58.81	20.12	98.83	40.02	
3046	59.82	24.8	98.83	39.01	
3047	70.15	28.8	98.85	28.7	
3048	70.48	44.01	98.85	28.37	
3049	58.1	9.66	99.04	40.94	
3050	67.32	42.03	98.87	31.55	
3051	55.65	9.19	99.11	43.46	
3052	54.68	18.75	99.14	44.46	
3053	54.63	49.29	99.22	44.59	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
3054	55.66	41.49	99.32	43.66	
3055	54.73	60.55	99.23	44.5	
3056	55.76	59.68	99.48	43.72	
3057	65.94	18.02	99.34	33.4	
3058	64.05	23.51	99.33	35.28	
3059	72.89	15.88	99.41	26.52	
3060	71.77	15.57	99.45	27.68	
3061	72.89	6.42	99.4	26.51	
3062	73.55	26.55	99.28	25.73	
3063	75.27	0	99.24	23.97	
3064	75.27	2.59	99.23	23.96	
3065	71.94	16.23	99.2	27.26	
3066	70.16	9.88	99.26	29.1	
3067	67.28	32.23	99.27	31.99	
3068	66.22	28.41	99.35	33.13	
3069	66.05	65.85	99.3	33.25	
3070	64.31	74.35	99.27	34.96	
3071	55.13	37.43	99.14	44.01	
3072	63.73	48.12	99.23	35.5	
3073	62.77	115.94	99.15	36.38	
3074	56.85	30.83	99.11	42.26	
3075	56.61	18.67	99.11	42.5	
3076	58.1	43.1	99.03	40.93	
3077	62.69	50.74	98.94	36.25	
3078	67.43	29.92	98.95	31.52	
3079	59.07	110.92	99.06	39.99	
3080	67.16	63.46	99	31.84	
3081	72.53	75.54	99.17	26.64	
3082	68.18	118.5	99.12	30.94	
3083	74.85	41.88	99.16	24.31	
3084	66.3	63.68	98.87	32.57	
3085	68.66	16.12	98.87	30.21	
3086	74.63	25.68	99	24.37	
3087	68.13	59.08	99	30.87	
3088	69.51	30.45	99.09	29.58	
3089	70.85	93.24	99	28.15	
3090	72.07	37.82	99.12	27.05	
3091	69.82	35.12	99.08	29.26	
3092	70.85	37.87	99	28.15	
3093	73.17	47.12	98.95	25.78	
3094	69.82	28.23	99.08	29.26	
3095	72.16	49.8	99.12	26.96	
3096	75.92	24.67	99.18	23.26	
3097	75.92	5.36	99.18	23.26	
3098	71.74	50.08	99.08	27.34	
3099	72.74	53.7	99.08	26.34	
3100	67.84	27.89	98.95	31.11	
3101	71.66	39.75	99.18	27.52	
3102	68.68	70.36	99.18	30.5	
3103	69.19	61.46	99.18	29.99	
3104	65.22	63.72	99.19	33.97	
3105	62.52	42.53	99.05	36.53	
3106	60.94	96.6	99	38.06	
3107	60.94	474.54	98.96	38.02	
3108	64.91	0	99.23	34.32	
3109	64.91	21.39	99.22	34.31	
3110	63.65	39.41	99.01	35.36	
3111	64.37	0	99.2	34.83	
3112	62.32	21.94	99.03	36.71	
3113	62.32	16.79	98.64	36.32	
3114	61.41	27.24	98.64	37.23	
3115	60.43	8.36	98.65	38.22	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
3116	60.43	18.04	98.92	38.49	
3117	79.93	112.99	144.63	64.7	
3118	83.5	213.67	144.61	61.11	
3119	89.28	733.5	144.24	54.96	
3121	75.77	9.3	144.61	68.84	
3122	76.22	89.64	144.32	68.1	
3123	75.77	23.99	144.61	68.84	
3124	74.31	9.05	144.39	70.08	
3125	77.65	84.52	144.38	66.73	
3126	73.2	737.73	144.23	71.03	
3127	82.06	9.02	144.23	62.17	
3128	86.67	4.45	144.23	57.56	
3129	85.22	32.41	144.24	59.02	
3130	86.94	3.76	144.22	57.28	
3131	80.58	0.3	144.22	63.64	
3132	76.4	22.24	144.09	67.69	
3133	85.82	86.38	141.6	55.78	
3134	72.4	7.72	144.22	71.82	
3135	73.2	46.1	144.22	71.02	
3136	68.81	1.2	144.2	75.39	
3137	68.07	0.3	144.2	76.13	
3138	69.2	7.34	144.18	74.98	
3139	81.38	56.52	143.15	61.77	
3140	77.56	4.82	115.99	38.43	
3141	77.56	1.14	143.89	66.33	
3142	77.56	0	155.03	77.47	
3143	85.61	66.08	143.71	58.1	
3144	73.72	21.23	142.84	69.12	
3145	72.46	9	141.38	68.92	
3146	74.59	99.3	142.2	67.61	
3147	69.06	73	140.97	71.91	
3148	73.47	29.37	141.38	67.91	
3149	72.72	31.39	141.28	68.56	
3150	69.47	39.07	140.59	71.12	
3151	73.54	23.9	140.46	66.92	
3152	65.08	29.74	98.97	33.89	
3153	65.42	35.18	99.24	33.82	
3154	65.08	3.69	98.99	33.91	
3155	65.08	21.17	98.96	33.88	
3156	65.08	15.57	99.23	34.15	
3157	66.56	100.5	98.73	32.17	
3158	68.03	121.63	98.71	30.68	
3159	71.89	132.25	98.53	26.64	
3160	89.86	73.4	98.54	8.68	
3161	78.42	50.46	98.53	20.11	
3162	78.37	79.06	98.55	20.18	
3163	73.21	60.03	98.62	25.41	
3164	70.18	104.63	98.65	28.47	
3165	64.91	16.39	98.95	34.04	
3166	64.91	90.59	98.92	34.01	
3167	65.06	63.77	98.65	33.59	
3168	65.55	41.49	98.85	33.3	
3169	63.55	128.89	98.74	35.19	
3170	62.87	76.84	98.65	35.78	
3171	60.27	30.13	98.66	38.39	
3172	59.11	7.38	98.64	39.53	
3173	59.11	0	98.84	39.73	
3174	59.11	39.9	98.74	39.63	
3175	61.69	52.3	98.64	36.95	
3176	60.8	23	98.8	38	
3177	63.78	52.58	98.65	34.87	
3178	65.92	47.36	98.64	32.72	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간척대(CMD)	동수두 (m)	잔류수두 (m)	비고
3179	66.66	0	191.32	124.66	
3180	66.66	0	98.82	32.16	
3181	66.66	0	98.8	32.14	
3182	66.12	19.2	98.65	32.53	
3183	64.91	8.33	98.65	33.74	
3184	63.17	0	98.76	35.59	
3185	63.84	37.91	98.71	34.87	
3186	66.73	20.53	98.65	31.92	
3187	70.18	29.09	98.65	28.47	
3188	68.6	37.98	98.64	30.04	
3189	71.68	81.31	98.64	26.96	
3190	78.42	43.39	98.62	20.2	
3191	77.4	27.86	115.99	38.59	
3192	69.46	58.61	115.99	46.53	
3193	70.45	18.49	184.31	113.86	
3194	80.18	8.2	110.31	30.13	
3195	83.63	0	184.31	100.68	
3196	88.67	31.84	110.46	21.79	
3197	81.15	32.7	110.42	29.27	
3199	69.18	66.57	110.72	41.54	
3200	88.67	115.57	110.41	21.74	
3201	79.55	42.14	110.32	30.77	
3202	79.23	75.89	110.32	31.09	
3203	83.63	0	116	32.37	
3204	71.6	139.25	115.99	44.39	
3205	59.11	75.08	98.74	39.63	
3206	57.84	33.7	98.69	40.85	
3207	57.12	7.54	98.68	41.56	
3208	56.5	62.89	98.65	42.15	
3209	57.44	25.38	98.62	41.18	
3210	58.25	0	98.62	40.37	
3211	58.19	40.72	98.59	40.4	
3212	59.71	9.54	98.58	38.87	
3213	58.22	2.95	98.58	40.36	
3214	57.2	19.78	98.53	41.33	
3215	57.25	19.7	98.6	41.35	
3216	56.86	26.9	98.61	41.75	
3217	57.05	26.98	98.63	41.58	
3218	57.34	21.55	98.59	41.25	
3219	57.53	228.17	98.23	40.7	
3220	62.42	57.45	98.63	36.21	
3221	58.82	74.44	98.63	39.81	
3222	57.91	30.7	98.65	40.74	
3223	56.91	41.74	98.63	41.72	
3224	60.63	56	98.64	38.01	
3225	59.1	24.64	98.64	39.54	
3226	58.9	19.14	98.63	39.73	
3227	58.1	24.98	98.63	40.53	
3228	59.43	19.52	98.63	39.2	
3229	65.36	29.74	98.64	33.28	
3230	65.8	27.03	98.65	32.85	
3231	64.12	34.73	98.64	34.52	
3232	62.86	4.32	98.63	35.77	
3233	65.73	3.02	205.46	139.73	
3234	65.73	3.25	98.64	32.91	
3235	65.73	6.8	98.64	32.91	
3236	65.73	9.13	205.47	139.74	
3237	66.69	4.76	98.64	31.95	
3238	66.69	22.08	98.64	31.95	
3239	65.8	7.45	98.65	32.85	
3240	61.51	41.97	98.67	37.16	
3241	63.75	25.59	98.67	34.92	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
3242	77.48	4.22	98.64	21.16	
3243	66.66	6.77	98.64	31.98	
3244	65.78	8.15	98.65	32.87	
3245	65.85	62.76	98.66	32.81	
3246	61.69	19.9	98.69	37	
3247	61.06	18.61	98.69	37.63	
3248	63.36	19.39	98.69	35.33	
3249	63.64	9.21	98.68	35.04	
3250	69.48	25.89	98.67	29.19	
3251	69.62	32.62	98.66	29.04	
3252	65.85	9.27	98.66	32.81	
3253	68.61	9.54	98.65	30.04	
3254	67.83	22.63	98.65	30.82	
3255	70.92	35.48	98.65	27.73	
3256	70.91	31.99	98.6	27.69	
3257	69.46	17.65	184.52	115.06	
3258	67.91	5.01	98.66	30.75	
3259	65.19	9.58	98.68	33.49	
3260	69.67	35.22	98.67	29	
3261	67.61	33.3	98.69	31.08	
3262	63.84	39.33	98.71	34.87	
3263	65.19	30.83	98.75	33.56	
3264	65.47	60.61	98.69	33.22	
3265	63.17	0	98.75	35.58	
3266	60.8	45.93	98.77	37.97	
3267	60.64	51.36	98.73	38.09	
3268	69.48	19.06	98.69	29.21	
3269	69.21	19.64	98.67	29.46	
3270	56.49	478.38	98.77	42.28	
3271	58.62	76.78	98.67	40.05	
3272	57.9	0	98.79	40.89	
3273	68.5	33.47	98.6	30.1	
3274	60.92	56.13	98.66	37.74	
3275	64.91	48.68	98.6	33.69	
3276	71.93	52.25	98.63	26.7	
3277	56.59	20.22	98.6	42.01	
3278	55.39	49.77	98.59	43.2	
3279	54.64	22.66	98.59	43.95	
3280	54.29	39.41	98.59	44.3	
3281	55.23	39.72	98.59	43.36	
3282	56.79	140.83	98.66	41.87	
3283	55.05	20.12	98.59	43.54	
3284	54.57	20.47	98.59	44.02	
3285	55.25	42.45	98.58	43.33	
3286	53.42	9.5	98.58	45.16	
3287	55.1	8.47	98.58	43.48	
3288	57.06	7.58	98.57	41.51	
3289	58.62	0	98.73	40.11	
3290	57.12	21.61	98.67	41.55	
3291	56.29	27.29	98.61	42.32	
3292	56.62	38.65	98.63	42.01	
3293	56.46	0	98.63	42.17	
3294	55.92	6.86	98.61	42.69	
3295	58.1	21.46	98.61	40.51	
3296	54.78	46.32	98.59	43.81	
3297	55.22	18.57	98.57	43.35	
3298	55.22	23.6	98.61	43.39	
3299	56.12	18.6	98.61	42.49	
3300	54.91	8.85	98.59	43.68	
3301	55.88	19.69	98.59	42.71	
3302	54.92	15.97	98.59	43.67	
3303	55.64	40.41	98.6	42.96	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
3304	56.63	23.31	98.66	42.03	
3305	70.57	0	98.39	27.82	
3306	67.89	19.29	98.55	30.66	
3307	63.94	0	98.56	34.62	
3308	66.4	69.35	98.56	32.16	
3309	72.12	8.57	98.55	26.43	
3310	65.74	1.24	98.55	32.81	
3311	63.14	20.78	98.15	35.01	
3312	63.11	16.7	98.15	35.04	
3313	64.55	17.13	98.15	33.6	
3314	64.55	0	98.15	33.6	
3315	64.55	0	98.15	33.6	
3316	68.55	15.53	97.74	29.19	
3317	61.25	6.64	97.75	36.5	
3318	63.11	0	97.88	34.77	
3319	63.11	3.81	98.29	35.18	
3320	64.46	4.58	97.88	33.42	
3321	71.48	0	98.27	26.79	
3322	71.11	5.72	98.1	26.99	
3323	71.11	0	98.1	26.99	
3324	70.94	18.16	99.05	28.11	
3325	75.2	5.55	98.49	23.29	
3326	80.4	244.68	97.59	17.19	
3327	87.56	19.41	97.59	10.03	
3328	62.54	55.09	96.14	33.6	
3329	59.07	39.11	97.07	38	
3330	58.06	53.6	96.97	38.91	
3331	59.13	37.04	96.88	37.75	
3332	62.25	55.27	96.19	33.94	
3333	67.11	47.46	96.11	29	
3334	69.36	56.24	96.05	26.69	
3335	68.9	20.62	96.03	27.13	
3336	64.28	8.41	96.02	31.74	
3337	71.65	30.37	96.01	24.36	
3338	75.39	22.18	98.02	22.63	
3339	59.83	8.59	98.22	38.39	
3340	58.17	18.19	98.2	40.03	
3341	58.94	23.08	98.2	39.26	
3342	59.51	17.17	98.16	38.65	
3343	60.2	9.76	98.15	37.95	
3344	63.07	9.45	98.13	35.06	
3345	67.31	8.12	98.12	30.81	
3346	73.34	36.24	98.09	24.75	
3347	68.95	9	98.09	29.14	
3348	69.85	24.5	98.09	28.24	
3349	60.8	36.12	98.04	37.24	
3350	63.36	7.03	98.04	34.68	
3351	63.58	15.63	98.03	34.45	
3352	75.74	7.29	98.03	22.29	
3353	74.47	36.38	98.04	23.57	
3354	60.87	15.67	98.05	37.18	
3355	65.23	22.87	98.04	32.81	
3356	59.1	45.09	98.16	39.06	
3357	64.39	40.83	98.13	33.74	
3358	73.09	66.76	98.13	25.04	
3359	63.86	0	98.19	34.33	
3360	59.73	25.88	98.19	38.46	
3361	62.08	36.8	98.15	36.07	
3362	65.8	45.66	98.13	32.33	
3363	56.34	63.94	98.17	41.83	
3364	58.68	47.82	98.15	39.47	
3365	59.93	28.92	98.17	38.24	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
3366	59.26	38.54	98.15	38.89	
3367	60.42	26.53	98.14	37.72	
3368	65.63	74.03	98.14	32.51	
3369	59.92	29.19	98.14	38.22	
3370	64.1	132.1	98.13	34.03	
3371	78.19	38.15	98.09	19.9	
3372	73.54	42.01	98.08	24.54	
3373	62.6	60.95	98.05	35.45	
3374	60.89	27.87	98.08	37.19	
3375	60.87	18.66	98.09	37.22	
3376	62.64	37.88	98.08	35.44	
3377	67.85	46.82	98.09	30.24	
3378	69.9	38.55	98.13	28.23	
3379	69.53	18.23	98.13	28.6	
3380	73.09	3.15	98.13	25.04	
3381	73.23	7.66	100.49	27.26	
3382	74.9	41.67	100.71	25.81	
3383	69.1	32.55	100.17	31.07	
3384	68.82	52.48	100.11	31.29	
3385	73.39	8.37	100.35	26.96	
3386	78.42	29.93	100.49	22.07	
3387	70.64	20.18	100.04	29.4	
3388	74.47	24.93	100.03	25.56	
3389	77.2	40.11	100.71	23.51	
3390	74.66	16.23	101.06	26.4	
3391	72.05	1.14	101.02	28.97	
3392	71.35	3.25	101.06	29.71	
3393	72.43	9.92	101.11	28.68	
3394	72.05	0	97.8	25.75	
3395	72.43	0	101.11	28.68	
3396	76.34	35.65	101.06	24.72	
3397	79.94	0	97.87	17.93	
3398	71.21	52.52	101.04	29.83	
3399	74.66	24.19	101.04	26.38	
3400	83.54	9.37	101.04	17.5	
3401	81.17	9.19	100.49	19.32	
3402	74.3	19.12	100.5	26.2	
3403	76.85	0	117.2	40.35	
3404	72.09	22.75	117.19	45.1	
3405	96.12	7.75	117.19	21.07	
3407	66.61	0.61	117.34	50.73	
3408	67.73	42.64	117.27	49.54	
3409	66.61	0	117.34	50.73	
3410	81.1	3.13	117.23	36.13	
3411	66.91	25.84	117.15	50.24	
3412	67.37	0	117.15	49.78	
3413	66.73	17.51	117.15	50.42	
3414	65.85	18.82	117.15	51.3	
3415	66.62	85.34	117.15	50.53	
3416	67.8	0	117.15	49.35	
3417	70.88	36.25	117.16	46.28	
3418	67.3	53.62	117.13	49.83	
3419	67.32	33.34	117.15	49.83	
3420	67.27	925.32	117.12	49.85	
3421	70.47	543.94	117.21	46.74	
3422	68.69	8.19	117.25	48.56	
3423	76.62	37.03	116.75	40.13	
3424	73.11	57.59	116.7	43.59	
3425	84.5	926.53	117.05	32.55	
3426	80.7	52.06	117.23	36.53	
3427	77.79	33.59	116.73	38.94	
3428	77.5	24.51	117.24	39.74	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
3429	72.59	0.95	117.24	44.65	
3430	82.1	8.13	117.24	35.14	
3431	78.2	8.98	117.23	39.03	
3432	77.1	6.16	117.24	40.14	
3433	76.92	4.11	117.2	40.28	
3434	78.28	17.79	115.55	37.27	
3435	81.5	9.61	117.23	35.73	
3436	80.4	4.91	117.23	36.83	
3437	82.35	41.11	112.29	29.94	
3438	84.25	16.52	117.12	32.87	
3439	78.92	16.71	112.3	33.38	
3440	88.24	16.26	111.81	23.57	
3441	75.62	22.94	115.56	39.94	
3442	75.51	23.81	112.3	36.79	
3443	67.81	21.04	111.87	44.06	
3444	69.23	128.06	111.87	42.64	
3445	70.73	330.43	111.82	41.09	
3446	72.25	9.05	111.9	39.65	
3447	70.73	38.31	111.89	41.16	
3448	70.21	47.35	111.89	41.68	
3449	62.44	21.89	97.88	35.44	
3450	65.79	0	97.97	32.18	
3451	67.73	33.82	117.15	49.42	
3452	66.16	38.02	97.69	31.53	
3453	66.22	32.72	97.78	31.56	
3454	66.27	0	97.81	31.54	
3455	66.22	0	97.78	31.56	
3456	66.13	0	97.77	31.64	
3457	66.22	0	97.78	31.56	
3458	66.15	5.14	97.77	31.62	
3459	62.83	163.52	97.21	34.38	
3460	66.16	19.39	97.74	31.58	
3461	67.85	24.07	97.3	29.45	
3462	68.42	0.3	96.49	28.07	
3463	72.1	1293.11	96.32	24.22	
3464	67.87	100.25	96.51	28.64	
3465	67.53	52.62	96.97	29.44	
3466	67.72	7.97	97.05	29.33	
3467	67.85	4.54	97.28	29.43	
3468	67.85	0	97.29	29.44	
3469	63.48	911.2	97.01	33.53	
3470	69.47	1276.58	96.46	26.99	
3471	71.1	29.44	96.31	25.21	
3472	72.1	233.81	96.3	24.2	
3473	69.71	36.59	96.46	26.75	
3474	67.32	22.73	96.46	29.14	
3475	67.16	28.36	96.46	29.3	
3476	67.26	8.28	96.46	29.2	
3477	67.27	7.81	96.46	29.19	
3478	67.29	17.01	96.46	29.17	
3479	67.41	25.46	96.46	29.05	
3480	67.82	0.56	96.46	28.64	
3481	67.07	28.56	96.46	29.39	
3482	70.3	19.76	96.48	26.18	
3483	67.07	33.04	96.46	29.39	
3484	67.86	103.57	96.46	28.6	
3485	66.62	32.72	96.46	29.84	
3486	66.67	33.29	96.46	29.79	
3487	66.77	28.36	96.46	29.69	
3488	66.36	17.42	96.46	30.1	
3489	66.63	0	117.15	50.52	
3490	67.27	0	117.15	49.88	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
3491	63.74	40.46	97.26	33.52	
3492	67.37	0	97.27	29.9	
3493	63.74	1.57	97.27	33.53	
3494	66.36	29.08	96.65	30.29	
3495	67.37	33.63	117.15	49.78	
3496	67.27	0	117.15	49.88	
3497	66.67	24.54	96.51	29.84	
3498	67.8	16.83	96.5	28.7	
3499	67.47	32.51	96.49	29.02	
3500	67.37	43.51	96.54	29.17	
3501	76.6	27.59	108.97	32.37	
3502	73.2	0	108.98	35.78	
3503	73.2	0	108.98	35.78	
3504	73.2	0	96.33	23.13	
3505	73.6	0	96.49	22.89	
3506	73.8	0	96.33	22.53	
3507	73	869.44	108.98	35.98	
3508	81.4	33.04	96.33	14.93	
3509	86.5	31.57	108.96	22.46	
3511	87.7	27.65	110.35	22.65	
3512	264.63	9.33	289.88	25.25	
3514	260.84	67.5	289.88	29.04	
3515	191.45	135.78	299	107.55	
3516	175.46	51.37	289.32	113.86	
3517	175.73	6.99	289.52	113.79	
3518	177.14	0	289.52	112.38	
3519	166.89	1.14	289.49	122.6	
3520	169.43	0	289.5	120.07	
3521	169.55	2.74	289.5	119.95	
3522	168.29	0	289.5	121.21	
3523	167.29	1.16	289.5	122.21	
3524	195.1	4.98	289.48	94.38	
3525	164.48	0.3	289.48	125	
3526	163.4	2.73	289.48	126.08	
3527	190.6	18.73	289.43	98.83	
3528	178.14	4.29	289.47	111.33	
3529	161.9	27.32	222.66	60.76	
3530	112.3	20.5	224.71	112.41	
3531	111.1	37.85	224.48	113.38	
3532	113.3	25.48	224.55	111.25	
3533	91.7	53.24	127.24	35.54	
3534	116.27	26.24	128.06	11.79	
3535	93.86	7.9	128.02	34.16	
3536	79.13	0	128.85	49.72	
3537	79.13	0	95.85	16.72	
3538	78.5	24.98	128.72	50.22	
3539	81.72	0	128.74	47.02	
3540	81.72	326.61	128.74	47.02	
3541	83.48	5.63	128.4	44.92	
3542	83.5	1.38	128.11	44.61	
3543	84.49	0.99	128.42	43.93	
3544	84.32	0	110.31	25.99	
3545	84.12	0	110.31	26.19	
3546	81.73	5.67	128.32	46.59	
3547	82.12	1.35	128.31	46.19	
3548	86.18	0.3	128.34	42.16	
3549	84.21	17.69	128.34	44.13	
3550	85.46	1.04	128.29	42.83	
3551	85.19	16.26	128.32	43.13	
3552	82.18	1.31	128.28	46.1	
3553	82.25	1.27	128.26	46.01	
3554	82.44	4.07	128.23	45.79	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
3555	82.4	25.37	128.2	45.8	
3556	85.93	7.16	128.26	42.33	
3557	86.72	8.41	128.23	41.51	
3558	87.55	0.01	128.2	40.65	
3559	87.5	1.78	128.15	40.65	
3560	87.58	0	128.2	40.62	
3561	87.3	5.3	128.2	40.9	
3562	83.4	7.16	128.19	44.79	
3563	83.1	1.2	128.19	45.09	
3564	83.8	18.91	128.17	44.37	
3565	83.8	26.35	128.16	44.36	
3566	83.6	4.39	128.18	44.58	
3567	83.5	1.66	128.19	44.69	
3568	87.5	8.19	128.05	40.55	
3569	83.6	0.32	128.18	44.58	
3570	83.4	0.77	128.12	44.72	
3571	87.7	0	128.11	40.41	
3572	87.4	22.75	128.13	40.73	
3573	86.6	0.3	128.12	41.52	
3574	82.2	4.69	128.14	45.94	
3575	82.6	1.59	128.13	45.53	
3576	82.9	0.3	128.12	45.22	
3577	84.9	8.71	128.1	43.2	
3578	83.8	0.3	128.11	44.31	
3579	83.2	0.61	128.12	44.92	
3580	84.1	1.5	128.11	44.01	
3581	84.4	0.94	128.11	43.71	
3582	84.2	4.78	128.1	43.9	
3583	83.1	0.34	128.12	45.02	
3584	82.9	1.69	128.12	45.22	
3585	83.8	3.42	128.12	44.32	
3586	85.1	0.3	128.1	43	
3587	87.7	1340.54	128.1	40.4	
3588	84.3	0.68	128.11	43.81	
3589	84.7	0.18	128.11	43.41	
3590	85.9	0.53	128.11	42.21	
3591	88.1	2.04	128.08	39.98	
3592	86.6	15.97	128.1	41.5	
3593	90.3	2.18	128.1	37.8	
3594	90.8	0	128.74	37.94	
3595	90.8	0	127.26	36.46	
3596	90.3	0	128.1	37.8	
3597	90.8	16.7	127.27	36.47	
3598	90.3	0	128.74	38.44	
3599	90.3	0	128.1	37.8	
3600	88.8	7.32	128.1	39.3	
3601	89.1	8.1	127.99	38.89	
3602	91.8	18.85	128.11	36.31	
3603	88.5	0	128.06	39.56	
3604	90.1	0	128.06	37.96	
3605	87.5	25.23	128.11	40.61	
3606	87.5	15.95	128.11	40.61	
3607	90.7	25.61	128.01	37.31	
3608	86.7	17.48	128.09	41.39	
3609	88.6	29.38	128.03	39.43	
3610	89.1	5.2	128.02	38.92	
3611	87.79	43.58	128.04	40.25	
3612	90.1	28.22	128.03	37.93	
3613	93.95	8.19	128.02	34.07	
3614	91.07	4.54	128.03	36.96	
3615	92.58	17.01	128.02	35.44	
3616	90.44	17.05	128.03	37.59	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
3617	85.06	40.26	128	42.94	
3618	96.9	42.54	110.31	13.41	
3619	83.28	0	110.31	27.03	
3620	84.32	0	110.31	25.99	
3621	84.32	0	110.31	25.99	
3622	87.15	28.76	110.31	23.16	
3623	81.9	0	110.31	28.41	
3624	83.1	0	110.31	27.21	
3625	95.4	37.71	110.28	14.88	
3626	78.88	0	110.3	31.42	
3627	77.23	25.37	110.31	33.08	
3628	75.64	18.34	110.35	34.71	
3629	74.61	23.06	110.35	35.74	
3630	74.5	0	182.88	108.38	
3631	77.1	0.53	110.35	33.25	
3632	77.1	22.49	110.35	33.25	
3633	75.92	18.85	110.35	34.43	
3634	75.6	18.34	110.36	34.76	
3635	73.5	0	95.9	22.4	
3636	75.1	0	183.11	108.01	
3637	74.3	0	95.9	21.6	
3638	74.7	0	110.36	35.66	
3639	74.7	0	95.9	21.2	
3640	74.3	0	95.9	21.6	
3641	74.63	49.04	110.08	35.45	
3642	77.43	3.2	110.31	32.88	
3643	77.24	33.56	110.19	32.95	
3644	82.7	22.56	110.1	27.4	
3645	79.34	26.89	110.3	30.96	
3646	78.89	31.1	110.17	31.28	
3647	79.87	34.15	110.13	30.26	
3648	78.41	42.87	110.18	31.77	
3649	96.37	37.23	109.99	13.62	
3650	90.8	46.16	110.01	19.21	
3651	80.51	35.37	110.17	29.66	
3652	82.86	0.17	110.09	27.23	
3653	78.51	0	110.17	31.66	
3654	78.51	0	110.17	31.66	
3655	101.52	2.42	197.88	96.36	
3656	97.89	6.24	197.88	99.99	
3657	106.11	0.31	197.89	91.78	
3658	93.69	0.31	197.88	104.19	
3659	92.72	0	197.88	105.16	
3660	95.23	5.84	197.9	102.67	
3661	119.89	0	197.94	78.05	
3662	84.44	2.05	204.56	120.12	
3663	76.44	1.22	204.56	128.12	
3664	82.8	0.78	204.56	121.76	
3665	77.67	0	98.18	20.51	
3666	77.67	0	98.18	20.51	
3667	79.56	0	204.56	125	
3668	72.16	0	98.01	25.85	
3669	80	0	98.01	18.01	
3670	74.82	20	119.69	44.87	
3671	84.71	184.74	119.77	35.06	
3672	73.89	26.76	119.69	45.8	
3673	76.24	3.97	119.69	43.45	
3674	76.45	0	132.96	56.51	
3675	73.76	21.67	190.22	116.46	
3676	79.48	20.56	132.96	53.48	
3677	76.45	33.44	190.22	113.77	
3678	76.45	0	190.26	113.81	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
3679	76.45	0	190.26	113.81	
3680	75.73	24.93	190.24	114.51	
3681	71.76	0	190.23	118.47	
3682	86.2	1446.31	110.84	24.64	
3683	75.36	16.31	190.23	114.87	
3684	73.32	36.86	190.23	116.91	
3685	75.41	9.28	190.23	114.82	
3686	75.41	0	190.18	114.77	
3687	75.32	1316.52	120.63	45.31	
3688	97.32	52.24	124.43	27.11	
3689	90.53	27.44	127.08	36.55	
3690	86.85	184.28	127.08	40.23	
3691	93.39	88.66	127.08	33.69	
3692	81.57	55.08	127.08	45.51	
3693	75.35	22.32	127.08	51.73	
3694	71.79	35.65	127.07	55.28	
3695	71.79	3.29	127.07	55.28	
3696	74.35	73.54	127.12	52.77	
3697	73.18	0	97.37	24.19	
3698	72.68	0	99.05	26.37	
3699	72.68	0	99.05	26.37	
3700	72.68	0	97.34	24.66	
3701	74.92	34.56	127.08	52.16	
3702	74.35	27.27	127.12	52.77	
3703	74.35	16.23	127.13	52.78	
3704	72.68	0	99.05	26.37	
3705	85.32	59.52	127.17	41.85	
3706	82.66	38.16	127.12	44.46	
3707	86.65	72	127.16	40.51	
3708	93.51	1004.69	126.52	33.01	
3709	92.42	42.78	127.11	34.69	
3710	87.64	45.14	127.19	39.55	
3711	93.65	54.87	127.19	33.54	
3712	92.49	41.7	127.19	34.7	
3713	83.31	37.66	126.81	43.5	
3714	83.27	22.6	126.78	43.51	
3715	90.34	20.56	126.81	36.47	
3716	83.27	26.27	126.8	43.53	
3717	89.55	34.64	126.87	37.32	
3718	90.2	32.66	127.29	37.09	
3719	88.31	28.45	127.22	38.91	
3720	91.83	39.61	127.09	35.26	
3721	91.21	36.62	127.28	36.07	
3722	81.36	28.02	127.08	45.72	
3723	83.53	27.46	127.09	43.56	
3724	84.49	25.18	127.13	42.64	
3725	87.17	51.7	127.02	39.85	
3726	92.1	36.38	127.09	34.99	
3727	85.35	38.59	127.13	41.78	
3728	89.87	45.21	127.09	37.22	
3729	92.1	36.08	127.09	34.99	
3730	86.59	22.97	127.13	40.54	
3731	88.21	49.4	127.25	39.04	
3732	89.28	55.88	127.58	38.3	
3733	89.7	52.31	127.35	37.65	
3734	89.28	40.15	126.99	37.71	
3735	90.42	9.74	127.32	36.9	
3736	89.28	27.88	127.54	38.26	
3737	89.23	44.03	127.17	37.94	
3738	89.23	30.36	127.38	38.15	
3739	90.4	2.82	127.37	36.97	
3740	90.59	31.73	127.41	36.82	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
3741	90.74	35.16	127.43	36.69	
3742	90.37	46.07	127.4	37.03	
3743	89.23	42.73	127.65	38.42	
3744	90.93	7.72	127.43	36.5	
3745	91.19	18.99	127.56	36.37	
3746	89.68	6.85	127.75	38.07	
3747	89.68	6.06	127.75	38.07	
3748	89.21	31.21	126.28	37.07	
3749	89.27	66.62	125.34	36.07	
3750	89.27	3.61	124.44	35.17	
3751	95.68	50.32	132.86	37.18	
3752	97.32	0.3	124.43	27.11	
3753	97.57	65.96	132.86	35.29	
3754	91.94	52.11	126.55	34.61	
3755	91.94	149.22	126.87	34.93	
3756	91.94	5.64	126.74	34.8	
3757	94.62	17.79	127.17	32.55	
3758	96.9	22.89	127.45	30.55	
3759	89.68	7.88	127.6	37.92	
3760	98.53	3.25	127.5	28.97	
3761	87.91	4.34	127.08	39.17	
3762	90.16	48.71	127.1	36.94	
3763	89.35	29.35	127.13	37.78	
3764	89.92	38.24	127.15	37.23	
3765	91.65	112.73	127.13	35.48	
3766	88.16	47.99	127.08	38.92	
3767	90.63	94.39	127.1	36.47	
3768	88.63	77.81	127.11	38.48	
3769	88.86	62.34	127.21	38.35	
3770	90.66	73.67	127.16	36.5	
3771	89.67	119.54	127.12	37.45	
3772	91.65	29.22	127.14	35.49	
3773	90.18	31.22	127.27	37.09	
3774	90.87	73.34	127.23	36.36	
3775	103.05	373.95	184.2	81.15	
3776	98.44	25.31	127.94	29.5	
3777	92.42	39.59	127.29	34.87	
3778	94.53	1365.05	127.92	33.39	
3779	90.65	8.81	127.32	36.67	
3780	90.93	33.52	127.51	36.58	
3781	94.59	21.28	127.54	32.95	
3782	91.62	44.04	127.55	35.93	
3783	98.67	21.35	127.5	28.83	
3784	93.91	23.02	127.72	33.81	
3785	91.32	29.02	127.73	36.41	
3786	93.47	35.75	128.09	34.62	
3787	106.23	30.97	129.47	23.24	
3788	96.1	27.44	127.98	31.88	
3789	107.41	50.16	127.96	20.55	
3790	101.45	19.87	128.18	26.73	
3792	93.06	18.81	127.91	34.85	
3793	97.61	17.19	127.96	30.35	
3794	97.76	9.39	128.41	30.65	
3795	98.46	23.04	128.05	29.59	
3796	100.47	3.85	128.15	27.68	
3797	98.69	8.57	128.22	29.53	
3798	100.47	0	180.58	80.11	
3799	100.47	4.62	128.15	27.68	
3800	98.23	47.64	128.81	30.58	
3801	113.15	25.38	185.57	72.42	
3802	111.4	9.58	185.58	74.18	
3803	122.63	36.32	185.53	62.9	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
3804	114.36	24.94	185.62	71.26	
3805	118.08	28.44	185.57	67.49	
3806	49.14	86.63	99.39	50.25	
3807	50.76	1175.42	99.27	48.51	
3808	33.51	41.44	75.72	42.21	
3809	34.08	29.05	75.93	41.85	
3810	35.07	34.87	75.78	40.71	
3811	38.68	20.96	75.95	37.27	
3812	40.4	42.19	75.76	35.36	
3813	39.83	88.95	75.78	35.95	
3814	37.02	819.76	75.75	38.73	
3815	39.2	33.81	75.75	36.55	
3816	35.31	31.99	75.79	40.48	
3817	35.07	31.88	75.78	40.71	
3818	33.16	28.91	75.75	42.59	
3819	34.49	25.6	75.79	41.3	
3820	33.71	30.4	75.84	42.13	
3821	33.45	49.62	75.77	42.32	
3822	33.34	26.56	75.74	42.4	
3823	33.97	18.56	75.76	41.79	
3824	33.42	49.33	75.75	42.33	
3825	31.48	32.88	75.73	44.25	
3826	31.73	34.85	75.75	44.02	
3827	32.97	27.32	75.76	42.79	
3828	34.78	27.81	75.76	40.98	
3829	35.31	35.21	75.79	40.48	
3830	31.94	23.71	75.72	43.78	
3831	31.25	32.28	75.72	44.47	
3832	32.2	48.3	75.72	43.52	
3833	33.01	33.99	75.74	42.73	
3834	33.24	26.54	75.72	42.48	
3835	33.27	34.35	75.7	42.43	
3836	33.33	35.5	75.71	42.38	
3837	31.58	33.95	75.71	44.13	
3838	33.36	50.59	75.69	42.33	
3839	30.94	32.51	75.71	44.77	
3840	33.45	78.41	75.68	42.23	
3841	30.94	27.63	75.71	44.77	
3842	33.45	26.43	75.68	42.23	
3843	32.83	46.26	75.77	42.94	
3844	32.62	31.99	75.77	43.15	
3845	31.73	22.6	75.76	44.03	
3846	31.22	59.24	75.73	44.51	
3847	32.5	33.51	75.68	43.18	
3848	31.3	35.8	75.76	44.46	
3849	32.49	30.37	75.78	43.29	
3850	31.07	40.36	75.69	44.62	
3851	31.09	24.76	75.7	44.61	
3852	30.91	23.3	75.69	44.78	
3853	31.85	38.07	75.68	43.83	
3854	34.82	819.51	76.16	41.34	
3855	31.6	50.35	75.71	44.11	
3856	30.98	1.53	75.69	44.71	
3857	31.13	23.71	75.69	44.56	
3858	30.97	32.08	75.69	44.72	
3859	31.06	56.6	75.69	44.63	
3860	31.18	23.37	75.69	44.51	
3861	31.22	28.52	75.69	44.47	
3862	31.6	30.11	76.04	44.44	
3863	31.27	24.49	75.77	44.5	
3864	31.42	26.48	75.69	44.27	
3865	31.25	29.67	75.69	44.44	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
3866	31.01	0	75.72	44.71	
3867	31.01	39.37	75.7	44.69	
3868	31.25	33.99	75.76	44.51	
3869	31.13	68.46	76.01	44.88	
3870	32.29	17.34	75.85	43.56	
3871	30.88	29.26	75.95	45.07	
3872	31.58	26.3	75.81	44.23	
3873	32.95	28.91	75.79	42.84	
3874	31.87	29.61	75.81	43.94	
3875	31.12	32.14	75.85	44.73	
3876	31.31	28.71	75.85	44.54	
3877	31.39	610.4	75.9	44.51	
3878	32.91	2102.47	75.82	42.91	
3879	32.26	39.24	75.81	43.55	
3880	33.45	47.7	75.79	42.34	
3881	33.82	29.3	75.79	41.97	
3882	34.78	481.52	75.79	41.01	
3883	32.43	30.28	75.81	43.38	
3884	38.3	1257.02	75.78	37.48	
3885	28.56	337.88	75.77	47.21	
3886	28.13	8.07	75.74	47.61	
3887	34.4	76.81	75.73	41.33	
3888	28.29	5.37	76.05	47.76	
3889	27.71	1.75	75.79	48.08	
3890	28.11	1.3	75.75	47.64	
3891	27.9	25.39	75.85	47.95	
3892	32.6	556.31	75.7	43.1	
3893	31.37	10.13	75.7	44.33	
3894	30.89	69.08	75.72	44.83	
3895	28.11	75.02	75.82	47.71	
3896	30.4	24.38	75.72	45.32	
3897	30.97	29.66	75.69	44.72	
3898	28.19	9.85	75.83	47.64	
3899	30.33	4.22	75.73	45.4	
3900	29.8	10.67	75.73	45.93	
3901	31.08	3.72	75.72	44.64	
3902	30.95	68.14	75.7	44.75	
3903	30.56	18.85	75.72	45.16	
3904	28.88	15.85	75.82	46.94	
3905	28.72	19.7	76.06	47.34	
3906	31.08	27.98	75.69	44.61	
3907	34.84	13.82	75.69	40.85	
3908	28.81	7.86	75.79	46.98	
3909	35.8	1.37	75.47	39.67	
3910	31.34	42.21	75.7	44.36	
3911	30.39	2291.59	75.65	45.26	
3912	29.31	18.78	75.73	46.42	
3913	30.64	2.25	75.75	45.11	
3914	34.7	61.4	75.39	40.69	
3915	37.7	3.66	75.39	37.69	
3916	51.1	71.49	75.38	24.28	
3917	51.3	31.49	75.36	24.06	
3918	36	362.08	75.42	39.42	
3919	40	142.42	75.41	35.41	
3920	43.3	98.15	75.41	32.11	
3921	33.4	9.45	75.4	42	
3922	33.8	12.12	75.45	41.65	
3923	37	6.11	75.45	38.45	
3924	37.8	17.77	75.45	37.65	
3925	38.6	30.28	75.48	36.88	
3926	33.7	3.26	75.46	41.76	
3927	37	1.95	75.47	38.47	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
3928	43.8	0.52	75.54	31.74	
3929	30.81	6.2	75.72	44.91	
3930	31.2	56.9	75.71	44.51	
3931	30.43	53.46	75.65	45.22	
3932	31.2	31.06	75.59	44.39	
3933	30.5	34.89	75.58	45.08	
3934	30.4	4.29	75.58	45.18	
3935	30.4	5.19	75.58	45.18	
3936	29.86	9.9	75.68	45.82	
3937	30	13.88	75.55	45.55	
3938	30.22	12.05	75.57	45.35	
3939	29.15	73.53	75.52	46.37	
3940	29.5	27.7	75.51	46.01	
3941	32.4	17.01	75.48	43.08	
3942	29.6	20.29	75.4	45.8	
3943	51.6	43.74	75.34	23.74	
3944	33.8	44.01	75.36	41.56	
3945	30.5	14.34	75.41	44.91	
3946	30.2	508.69	75.35	45.15	
3947	50.9	34.18	75.35	24.45	
3948	37.5	27.41	75.35	37.85	
3949	38.4	49.86	75.35	36.95	
3950	51.8	34.73	75.33	23.53	
3951	51.6	20.37	75.33	23.73	
3952	51.3	27.57	75.33	24.03	
3953	50.9	40.78	75.33	24.43	
3954	33.4	61.85	75.35	41.95	
3955	50.9	23.66	75.33	24.43	
3956	40.9	27.38	75.33	34.43	
3957	51.6	31.63	75.33	23.73	
3958	40.9	26.78	75.33	34.43	
3959	40.3	33.24	75.33	35.03	
3960	40.4	81.22	75.35	34.95	
3961	36.3	48.52	75.35	39.05	
3962	30.1	30.4	75.36	45.26	
3963	30.1	67.71	75.35	45.25	
3964	37.1	81.16	75.35	38.25	
3965	31.5	108.54	75.35	43.85	
3966	32.6	24.02	75.7	43.1	
3967	31.74	16.09	75.7	43.96	
3968	30.97	0.27	75.69	44.72	
3969	31.8	13.5	75.69	43.89	
3970	40.7	1081.24	75.65	34.95	
3971	54.4	550.54	92.96	38.56	
3972	48.5	56.42	93.12	44.62	
3973	53.8	36.86	92.94	39.14	
3974	41.9	13.39	92.93	51.03	
3975	36.1	3.19	92.58	56.48	
3976	51.5	1182.98	92.56	41.06	
3977	45.9	51.97	92.67	46.77	
3978	35.91	24.13	75.69	39.78	
3979	51.5	1145.55	92.48	40.98	
3980	38.1	57.55	75.43	37.33	
3981	38.1	884.24	92.51	54.41	
3982	34.5	12.02	75.68	41.18	
3983	38.5	33.1	75.69	37.19	
3984	32.78	30.39	75.68	42.9	
3985	31.55	16.04	75.69	44.14	
3986	34.51	14.02	75.69	41.18	
3987	34.16	18	75.7	41.54	
3988	34.24	23.74	75.69	41.45	
3989	35.17	24.22	75.68	40.51	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
3990	36.45	32	75.67	39.22	
3991	35.86	26.97	75.68	39.82	
3992	35.68	16.64	75.68	40	
3993	35.2	11.32	75.68	40.48	
3994	36.01	1.66	75.69	39.68	
3995	38.37	57.09	75.69	37.32	
3996	41.28	43.5	75.69	34.41	
3997	31.79	9.37	75.68	43.89	
3998	31.79	70.86	75.68	43.89	
3999	40.29	18.86	75.69	35.4	
4000	31.84	33.37	75.68	43.84	
4001	32.41	49.47	75.68	43.27	
4002	34.67	55.21	75.69	41.02	
4003	35.74	94.22	75.69	39.95	
4004	51.83	13.52	75.69	23.86	
4005	34.8	21.9	75.68	40.88	
4006	31.93	29.43	75.68	43.75	
4007	31.96	4.43	75.69	43.73	
4008	31.8	8.95	75.68	43.88	
4009	35.2	50.28	75.69	40.49	
4010	34.4	2.28	75.68	41.28	
4011	32.8	27.78	75.68	42.88	
4012	32.8	15.79	75.69	42.89	
4013	32.74	32.31	75.69	42.95	
4014	32.13	24.62	75.68	43.55	
4015	32.78	15.65	75.68	42.9	
4016	31.93	8.48	75.68	43.75	
4017	32.6	15.03	75.68	43.08	
4018	33.2	7.81	75.68	42.48	
4019	37.6	57.58	75.45	37.85	
4020	43.79	431.52	87.77	43.98	
4021	36.42	78.79	87.77	51.35	
4022	44.27	56.77	87.7	43.43	
4023	43.35	46.87	85.54	42.19	
4024	43.79	35.5	87.71	43.92	
4025	40.18	839.14	85.52	45.34	
4026	35.77	2021.99	86.55	50.78	
4027	39.5	60.23	83.91	44.41	
4028	41.44	11.3	83.7	42.26	
4029	40.49	44.76	83.7	43.21	
4030	38.52	264.03	83.56	45.04	
4031	37.62	135.5	83.61	45.99	
4032	38.5	139.37	83.64	45.14	
4033	36.87	169.87	83.62	46.75	
4034	37.09	88.77	87.71	50.62	
4035	37.09	114.89	87.71	50.62	
4036	36.42	45.2	87.64	51.22	
4037	36.25	91.28	83.94	47.69	
4038	37.09	61.55	87.61	50.52	
4039	35.51	1125.21	87.7	52.19	
4040	35.54	4.65	87.78	52.24	
4041	35.76	103.14	86.67	50.91	
4042	35.84	69.89	86.68	50.84	
4043	36.29	109.52	87.77	51.48	
4044	37.09	45.49	87.7	50.61	
4045	36.3	104.75	86.66	50.36	
4046	36.25	81.77	87.09	50.84	
4047	36.21	113.31	86.67	50.46	
4048	35.54	48.33	86.99	51.45	
4049	35.83	73.39	86.7	50.87	
4050	35.76	44.5	86.66	50.9	
4051	35.68	76.12	86.66	50.98	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
4052	35.94	73.06	86.67	50.73	
4053	35.89	117.34	86.7	50.81	
4054	77.21	0	135.81	58.6	
4055	92.27	406.01	133.72	41.45	
4056	82.21	33.82	132.17	49.96	
4057	77.21	24.33	135.14	57.93	
4058	77.21	1328.1	133.47	56.26	
4059	77.21	411.32	134.14	56.93	
4060	77.21	714.97	135.17	57.96	
4061	77.21	0	135.74	58.53	
4062	77.21	309.24	135.15	57.94	
4063	77.21	168.54	130.7	53.49	
4064	77.21	365.25	135.47	58.26	
4065	77.21	105	135.62	58.41	
4066	82.14	35.38	131.63	49.49	
4067	77.21	360.12	135.55	58.34	
4068	82.14	0	131.93	49.79	
4069	82.14	17.01	131.82	49.68	
4070	82.14	30.31	131.64	49.5	
4071	82.14	61.68	131.65	49.51	
4072	82.14	24.47	131.8	49.66	
4073	82.14	14.83	131.82	49.68	
4074	82.14	54.82	135.28	53.14	
4075	65.34	167.6	93.5	28.16	
4076	56.06	987.61	93.91	37.85	
4077	56.89	78.77	93.78	36.89	
4078	55.9	56.14	93.78	37.88	
4079	66.09	92.28	93.47	27.38	
4080	56.06	88.27	93.79	37.73	
4081	67.83	34.76	93.43	25.6	
4082	65.94	127.58	93.37	27.43	
4083	61.86	119.07	93.39	31.53	
4084	56.28	30.66	93.79	37.51	
4085	65.5	56.01	93.3	27.8	
4086	60.89	31.48	93.39	32.5	
4087	56.84	41.09	93.39	36.55	
4088	56.28	23.51	93.8	37.52	
4089	58.55	27.08	93.56	35.01	
4090	61.45	23.79	93.39	31.94	
4091	58.55	17.65	93.49	34.94	
4092	61.93	57.56	93.41	31.48	
4093	60.9	49.48	93.41	32.51	
4094	57.82	33.82	93.4	35.58	
4095	58.25	60.7	93.42	35.17	
4096	61.9	17.71	93.4	31.5	
4097	61.41	127.91	93.22	31.81	
4098	61.65	38.91	93.39	31.74	
4099	60.9	66.65	93.49	32.59	
4100	61.18	26.08	93.47	32.29	
4101	57.94	42.24	93.46	35.52	
4102	57.52	194.39	93.46	35.94	
4103	61.83	53.18	93.21	31.38	
4104	60.58	49.46	93.21	32.63	
4105	59.26	63.5	93.33	34.07	
4106	59.94	73.42	93.22	33.28	
4107	61.91	37.55	93.22	31.31	
4108	65.59	159.25	93.21	27.62	
4109	67.58	69.14	93.4	25.82	
4110	60.84	171.59	93.14	32.3	
4111	63.67	24.95	93.29	29.62	
4112	62.2	66.25	93.26	31.06	
4113	59.92	60.94	93.26	33.34	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
4114	60.76	29.07	93.26	32.5	
4115	59.59	23.32	93.26	33.67	
4116	79.43	8.9	119.04	39.61	
4117	87.55	13.66	119.04	31.49	
4118	89.2	33.5	119.04	29.84	
4119	86.6	0	119.04	32.44	
4120	77.51	2.61	119.84	42.33	
4121	74.47	2.57	119.84	45.37	
4122	72.55	22.02	119.84	47.29	
4123	71.78	20.88	119.85	48.07	
4124	72.63	20.67	119.85	47.22	
4125	82.54	4	119.84	37.3	
4126	76.94	0.04	119.84	42.9	
4127	91.12	26.5	119.85	28.73	
4128	74.75	2.21	119.85	45.1	
4129	77.1	239.33	119.84	42.74	
4130	76.87	16.37	119.84	42.97	
4131	80.06	25.14	119.84	39.78	
4132	76.87	1.2	119.84	42.97	
4133	76.87	0	119.84	42.97	
4134	94.9	3.58	119.86	24.96	
4135	79.73	626.77	119.84	40.11	
4136	79.45	0	119.84	40.39	
4137	81.74	21.1	119.84	38.1	
4138	84.11	26.8	119.85	35.74	
4139	85.16	1.66	119.84	34.68	
4140	87.1	21.85	119.85	32.75	
4141	88.66	22.02	119.85	31.19	
4143	96.1	0	119.88	23.78	
4144	94.5	0	119.96	25.46	
4145	74.7	735.92	95.98	21.28	
4146	94.5	0	137.89	43.39	
4147	94.5	0	119.94	25.44	
4148	72.54	23.13	119.52	46.98	
4149	49.37	14.13	99.04	49.67	
4150	48.82	15.49	99.04	50.22	
4151	48.42	12.79	99.05	50.63	
4152	48.25	0	99.07	50.82	
4153	48.25	8.49	99.07	50.82	
4154	46.94	23.11	98.96	52.02	
4155	46.9	77.03	98.9	52	
4156	47.21	17.33	98.87	51.66	
4157	47.54	26.23	98.84	51.3	
4158	47.23	18.85	98.83	51.6	
4159	49.31	57.41	98.81	49.5	
4160	48.61	43.87	98.87	50.26	
4161	48.06	87.96	98.88	50.82	
4162	49.51	34.91	98.92	49.41	
4163	49.23	0	98.92	49.69	
4164	49.32	17.41	98.94	49.62	
4165	49.82	0	98.95	49.13	
4166	49.79	0	98.94	49.15	
4167	48.06	31.84	98.88	50.82	
4168	47.18	18.85	98.86	51.68	
4169	46.28	52.36	98.87	52.59	
4170	46.26	24.93	98.9	52.64	
4171	46.94	44.88	98.95	52.01	
4172	48.28	19.84	99.03	50.75	
4173	46.09	87.37	98.9	52.81	
4174	47.23	36.64	98.94	51.71	
4175	48.2	20.2	98.95	50.75	
4176	47.77	31	98.96	51.19	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
4177	47.25	109.13	98.9	51.65	
4178	47.06	80.07	98.9	51.84	
4179	47.77	0	98.96	51.19	
4180	48.51	36.32	98.95	50.44	
4181	48.75	14	98.95	50.2	
4182	52.25	25.93	98.96	46.71	
4183	50.86	82.36	98.97	48.11	
4184	48.87	156.41	98.96	50.09	
4185	48.9	5.01	98.96	50.06	
4186	50.64	3.91	99.02	48.38	
4187	48.44	15.72	98.97	50.53	
4188	48.38	32.27	98.98	50.6	
4189	48.25	7.73	99.03	50.78	
4190	49.29	22.86	98.98	49.69	
4191	50.64	13.06	99.02	48.38	
4192	49.69	6.96	99.03	49.34	
4193	49.06	15.22	99.03	49.97	
4194	48.25	43.8	98.82	50.57	
4195	46.68	148.39	98.81	52.13	
4196	47.52	144.76	98.83	51.31	
4197	45.94	67.26	98.81	52.87	
4198	45.64	93.09	98.81	53.17	
4199	47.2	41.99	99.01	51.81	
4200	47.05	92.08	98.82	51.77	
4201	47.87	82.08	99.04	51.17	
4202	48.23	0	99.09	50.86	
4203	46.79	15.01	98.91	52.12	
4204	48.2	0	99.08	50.88	
4205	48.19	0	99.09	50.9	
4206	48.94	26.8	99.05	50.11	
4207	47.24	16	98.99	51.75	
4208	50.22	0.28	99.08	48.86	
4209	49.25	96.73	98.88	49.63	
4210	48.76	63.65	98.93	50.17	
4211	47.67	52.7	98.99	51.32	
4212	47.38	0	99.2	51.82	
4213	47.38	0	99.16	51.78	
4214	46.93	1.01	98.92	51.99	
4215	47.11	0	98.77	51.66	
4216	47.45	15.73	98.74	51.29	
4217	46.67	142.28	98.76	52.09	
4218	47.16	42.66	98.89	51.73	
4219	46.33	57.72	98.82	52.49	
4220	48.76	44.81	98.8	52.04	
4221	46.33	6.67	98.82	52.49	
4222	45.94	85.84	98.81	52.87	
4223	45.82	62.06	98.81	52.99	
4224	47.16	7.87	98.87	51.71	
4225	46.42	29.25	98.81	52.39	
4226	45.94	28.18	98.81	52.87	
4227	46.61	34.45	98.8	52.19	
4228	46.57	10.56	98.8	52.23	
4229	46.61	17.58	98.79	52.18	
4230	47.25	27.69	98.81	51.56	
4231	46.26	67.88	98.85	52.59	
4232	46.57	10.83	98.81	52.24	
4233	46.59	18.39	98.77	52.18	
4234	46.62	12.83	98.77	52.15	
4235	46.71	102.43	98.77	52.06	
4236	46.88	77.12	98.82	51.94	
4237	46.77	7.8	98.79	52.02	
4238	46.4	6.67	98.82	52.42	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	등수두 (m)	잔류수두 (m)	비고
4239	47.31	74.39	98.64	51.33	
4240	46.11	12.27	98.96	52.85	
4241	46.18	30.15	98.9	52.72	
4242	46.41	5.55	98.81	52.4	
4243	46.58	67.71	98.65	52.07	
4244	48.74	21.07	98.64	49.9	
4245	46.83	18.01	98.62	51.79	
4246	46.81	18.04	98.64	51.83	
4247	50.07	406.08	98.57	48.5	
4248	47.46	109.92	98.65	51.19	
4249	46.9	41.99	98.66	51.76	
4250	46.43	125.09	98.65	52.22	
4251	47.58	16.72	98.68	51.1	
4252	47.48	34.58	98.66	51.18	
4253	47.13	23.86	98.71	51.58	
4254	47.63	22.74	98.73	51.1	
4255	46.55	64.15	98.69	52.14	
4256	47.4	17.03	98.73	51.33	
4257	46.93	33.31	98.73	51.8	
4258	46.58	5.66	98.72	52.14	
4259	46.83	81.22	98.72	51.89	
4260	48.69	0	98.57	49.88	
4261	47.4	6.52	99	51.6	
4262	47.29	6.7	98.61	51.32	
4263	47.41	30.48	98.63	51.22	
4264	47.1	10.94	98.64	51.54	
4265	47.08	8.78	98.66	51.58	
4266	46.93	17.13	99.01	52.08	
4267	46.94	758.76	98.76	51.82	
4268	47.38	0	99.11	51.73	
4269	47.38	0	99.12	51.74	
4270	47.42	0	99.08	51.66	
4271	47.2	25.7	99.05	51.85	
4272	47.35	684.11	98.86	51.51	
4273	47.93	674.42	98.57	50.64	
4274	47.18	0	99	51.82	
4275	48.22	19.62	91.05	42.83	
4276	49.19	13.15	90.99	41.8	
4277	48.36	17.85	91.01	42.65	
4278	47.94	19.87	91.03	43.09	
4279	48.72	24.08	91	42.28	
4280	48.63	30.54	91	42.37	
4281	48.92	16.91	91.01	42.09	
4282	49.75	41.37	91	41.25	
4283	49.54	13.13	91	41.46	
4284	49.19	64.93	90.99	41.8	
4285	48.86	8.71	90.99	42.13	
4286	48.94	31.33	90.99	42.05	
4287	45.63	21.59	97.85	52.22	
4288	45.42	491.88	98.2	52.78	
4289	44.16	36.95	97.94	53.78	
4290	44.18	102.58	97.89	53.71	
4291	44.17	48.64	98.01	53.84	
4292	44.8	15.88	98.09	53.29	
4293	44.9	40.22	97.86	52.96	
4294	45.79	42.21	97.53	51.74	
4295	46.06	96.97	97.32	51.26	
4296	44.18	79.79	97.11	52.93	
4297	44.19	32.62	97.49	53.3	
4298	44.31	29.39	97.84	53.53	
4299	44.2	59.85	97.72	53.52	
4300	44.17	80.49	97.25	53.08	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
4301	44.25	50.83	97.11	52.86	
4302	44.29	79.87	97.22	52.93	
4303	44.14	152	97.86	53.72	
4304	44.19	258.57	97.08	52.89	
4305	44.22	70.9	97.09	52.87	
4306	44.4	79.1	96.94	52.54	
4307	44.73	94.54	96.83	52.1	
4308	45.05	87.75	96.72	51.67	
4309	45.06	206.03	96.66	51.6	
4310	44.92	16.18	96.66	51.74	
4311	45.06	47.06	96.66	51.6	
4312	44.69	79.12	96.68	51.99	
4313	44.22	114.74	97.19	52.97	
4314	44.15	108.57	97.85	53.7	
4315	44.29	179.15	96.97	52.68	
4316	44.18	169.94	97.18	53	
4317	44.15	134.55	97.86	53.71	
4318	44.36	129.99	96.86	52.5	
4319	44.13	77.59	97.89	53.76	
4320	44.91	38.67	96.74	51.83	
4321	44.13	53.66	97.94	53.81	
4322	44.11	65.65	98.03	53.92	
4323	44.05	38.19	98.53	54.48	
4324	44.05	0	98.53	54.48	
4325	44.14	23.44	97.31	53.17	
4326	44.12	117.16	97.49	53.37	
4327	44.11	78.52	97.37	53.26	
4328	44.16	51.27	96.97	52.81	
4329	44.13	50.84	97.26	53.13	
4330	44.12	73.62	96.97	52.85	
4331	44.1	48.11	97.3	53.2	
4332	44.15	68.23	96.81	52.66	
4333	44.25	59.91	96.81	52.56	
4334	44.73	25.23	96.69	51.96	
4335	44.91	8.85	96.78	51.87	
4336	44.83	102.19	96.67	51.84	
4337	42.54	0	98.38	55.84	
4338	42.63	12.06	98.25	55.62	
4339	43.1	166.59	98.16	55.06	
4340	43.05	61.13	98.21	55.16	
4341	42.89	28.53	98.22	55.33	
4342	42.91	121.9	98.16	55.25	
4343	43.1	57.95	98.15	55.05	
4344	43.1	85.06	98.16	55.06	
4345	42.92	61.46	98.15	55.23	
4346	42.66	80.25	98.17	55.51	
4347	75.17	1239.54	119.61	44.44	
4348	70.86	522.17	95.87	25.01	
4349	71.23	14.6	98.29	27.06	
4350	74.73	192.67	97.86	23.13	
4351	74.68	0	97.86	23.18	
4352	74.48	1.39	97.86	23.38	
4353	74.15	2.75	97.86	23.71	
4354	74.13	0	97.86	23.73	
4355	73.85	3.7	97.85	24	
4356	73.79	24.52	97.85	24.06	
4357	72.65	44.15	97.85	25.2	
4358	73.73	8.28	97.85	24.12	
4359	72.93	2.51	97.85	24.92	
4360	72.35	0	97.85	25.5	
4361	73.35	1.98	97.85	24.5	
4362	73.49	5.8	97.86	24.37	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
4363	73.9	5.67	97.86	23.96	
4364	74.6	2.77	97.86	23.26	
4365	73.81	1.93	97.86	24.05	
4366	73.79	3.17	97.86	24.07	
4367	73.1	2.74	97.87	24.77	
4368	72.79	75.17	97.89	25.1	
4369	72.11	0	96.35	24.24	
4370	71.73	11.93	97.83	26.1	
4371	71.42	205.92	97.82	26.4	
4372	71.94	11.01	97.82	25.88	
4373	71.9	1.36	97.82	25.92	
4374	71.61	1.48	97.8	26.19	
4375	71.8	10.58	97.82	26.02	
4376	72.05	10.26	97.81	25.76	
4377	61.15	42.79	99.01	37.86	
4378	71.93	15.79	97.81	25.88	
4379	68.38	1257.61	98.05	29.67	
4380	71.93	1116.49	97.78	25.85	
4381	71.31	54.67	98.85	27.54	
4382	71.34	33.72	98.97	27.63	
4383	69.48	31.87	98.04	28.56	
4384	68.61	235.75	98.04	29.43	
4385	67.66	2.13	98.06	30.4	
4386	66.72	40.75	98.1	31.38	
4387	66.69	67.88	98.06	31.37	
4388	67.66	14.01	98.06	30.4	
4389	67.55	0.6	98.05	30.5	
4390	66.7	7.23	98.07	31.37	
4391	66.39	7.28	98.09	31.7	
4392	66.15	111.77	98.11	31.96	
4393	64.49	8.82	98.18	33.69	
4394	65.94	16.66	98.13	32.19	
4395	66.48	33.82	98.16	31.68	
4396	68.09	22.1	98.07	29.98	
4397	65.84	203.22	98.16	32.32	
4398	63.94	28.39	98.19	34.25	
4399	72.6	15.59	98.37	25.77	
4400	61.9	1.34	98.4	36.5	
4401	72.94	31.25	98.05	25.11	
4402	72.7	8.47	98.06	25.36	
4403	68.66	110.83	98.11	29.45	
4404	69.69	9.91	98.07	28.38	
4405	69.24	2.43	98.13	28.89	
4406	69.06	17.88	98.16	29.1	
4407	69.58	41.61	98.18	28.6	
4408	63.86	18.12	98.19	34.33	
4409	69.59	10.71	98.2	28.61	
4410	68.38	14.58	98.21	29.83	
4411	73.6	159.41	98.29	24.69	
4412	66.86	43.14	98.29	31.43	
4413	65.27	16.16	98.32	33.05	
4414	74.41	13.5	98.31	23.9	
4415	74.17	2.97	98.33	24.16	
4416	65.27	7.2	98.34	33.07	
4417	64.47	31.23	98.34	33.87	
4418	74.71	34.59	98.32	23.61	
4419	75.66	10.36	98.36	22.7	
4420	73.9	25.4	98.36	24.46	
4421	63.91	53.38	98.35	34.44	
4422	74.73	53.27	98.34	23.61	
4423	75.29	36.53	98.35	23.06	
4424	75.29	0.49	98.36	23.07	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
4425	74.18	5.27	98.36	24.18	
4426	73.1	21.25	98.36	25.26	
4427	69.3	9.36	98.36	29.06	
4428	73.59	14.9	98.36	24.77	
4429	71.51	9.86	98.36	26.85	
4430	63.66	18.49	98.37	34.71	
4431	63.38	25.42	98.36	34.98	
4432	61.2	10.87	98.41	37.21	
4433	62.7	34.83	98.37	35.67	
4434	63.73	55.46	98.37	34.64	
4435	62.58	168.03	98.2	35.62	
4436	64.87	10.32	98.06	33.19	
4437	62.74	45.27	98.2	35.46	
4438	62.51	18.62	98.2	35.69	
4439	63.47	50.4	98.2	34.73	
4440	62.87	51.49	98.2	35.33	
4441	62.68	88.71	98.22	35.54	
4442	61.9	29.99	98.2	36.3	
4443	61.94	10.69	98.2	36.26	
4444	61.71	28.93	98.2	36.49	
4445	63.7	54.68	98.21	34.51	
4446	61.1	107.72	98.21	37.11	
4447	61.1	38.31	98.21	37.11	
4448	61.24	22.11	98.2	36.96	
4449	61.34	91.24	98.35	37.01	
4450	61.16	34.36	98.41	37.25	
4451	60.32	100.65	98.31	37.99	
4452	60.47	89.26	98.23	37.76	
4453	59.81	25.39	98.27	38.46	
4454	59.17	101.22	98.21	39.04	
4455	59.53	1038.99	98.21	38.68	
4456	57.94	68.14	98.26	40.32	
4457	59.13	14.5	98.22	39.09	
4458	60.12	149.2	98.3	38.18	
4459	60.36	162.22	98.31	37.95	
4460	60.94	14.7	98.37	37.43	
4461	65.58	92.94	98.55	32.97	
4462	54.84	9.72	98.45	43.61	
4463	54.84	5.19	98.48	43.64	
4464	54.87	16.22	98.46	43.59	
4465	54.94	3.15	98.45	43.51	
4466	55.18	3.09	98.44	43.26	
4467	55.05	31.75	98.65	43.6	
4468	54.94	5.23	98.55	43.61	
4469	54.78	79.58	98.59	43.81	
4470	57.75	27.38	98.51	40.76	
4471	54.54	42.71	98.62	44.08	
4472	55.21	61.2	98.53	43.32	
4473	55.64	27.42	98.37	42.73	
4474	55.67	10.09	98.51	42.84	
4475	55.77	2.31	98.38	42.61	
4476	56.08	4	98.38	42.3	
4477	58.35	102.5	98.39	40.04	
4478	61.07	4.81	98.36	37.29	
4479	61.92	10	98.35	36.43	
4480	62.74	0	98.34	35.6	
4481	60.47	46.7	98.36	37.89	
4482	61.17	7.26	98.37	37.2	
4483	59.65	13.49	98.45	38.8	
4484	58.79	9.49	98.5	39.71	
4485	57.83	3.56	98.44	40.61	
4486	60.1	14.23	98.4	38.3	

1.1 대전광역시 격접 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
4487	57.54	59.56	98.45	40.91	
4488	57.38	91.85	98.48	41.1	
4489	55.83	12.99	98.49	42.66	
4490	57.67	32.35	98.47	40.8	
4491	57.19	46.29	98.5	41.31	
4492	59.84	4.03	98.42	38.58	
4493	59.25	22.67	98.48	39.23	
4494	65.7	68.37	98.18	32.48	
4495	69.44	177.06	98.27	28.83	
4496	62.9	472.41	98.29	35.39	
4497	73.5	64.11	98.14	24.64	
4498	71.7	70.72	98.15	26.45	
4499	74.2	60.51	98.15	23.95	
4500	75.3	54.77	98.16	22.86	
4501	75.7	40.73	98.18	22.48	
4502	70.9	8.07	98.18	27.28	
4503	71.8	54.37	98.18	26.38	
4504	71.7	47.09	98.16	26.46	
4505	70.6	60.59	98.15	27.55	
4506	69.3	80.8	98.14	28.84	
4507	67.7	64.88	98.16	30.46	
4508	63.6	259.61	98.17	34.57	
4509	65.7	52.04	98.17	32.47	
4510	63.5	35.59	98.19	34.69	
4511	63.6	92.7	98.2	34.6	
4512	68.6	2.47	98.18	29.58	
4513	68.7	6.16	98.18	29.48	
4514	56.39	0	98.88	42.49	
4515	54.79	4.5	98.89	44.1	
4516	66.28	15.95	98.88	32.6	
4517	65.94	0	98.88	32.94	
4518	58.94	69.58	98.84	39.9	
4519	59.9	52.97	98.85	38.95	
4520	59.9	0	98.85	38.95	
4521	95.46	62.9	146.97	51.51	
4522	90.52	27.7	146.98	56.46	
4523	84.4	0	146.99	62.59	
4524	100.08	1.36	147	46.92	
4525	75.8	1.22	98.8	23	
4526	82.8	2.81	146.98	64.18	
4527	83.17	0.28	147	63.83	
4529	104.12	205.16	146.86	42.74	
4530	93.25	348.73	147.01	53.76	
4531	93.08	0	146.98	53.9	
4532	114.99	49.01	146.76	31.77	
4533	112.6	50.82	146.77	34.17	
4534	104.43	14.95	146.86	42.43	
4535	104.1	4.03	146.86	42.76	
4536	68.87	4.03	146.69	77.82	
4537	71.3	15.96	146.66	75.36	
4538	65.46	0.22	146.43	80.97	
4539	74.81	6.47	146.47	71.66	
4540	68.46	1.21	146.48	78.02	
4541	71.68	20.68	146.38	74.7	
4542	58.81	13.86	146.34	87.53	
4543	57.91	9.89	146.34	88.43	
4544	53.43	0	146.34	92.91	
4545	59.1	11.79	146.33	87.23	
4546	56.55	0.29	146.34	89.79	
4547	57.46	7.54	146.34	88.88	
4548	61.28	2.49	146.34	85.06	
4549	57.72	3.08	146.34	88.62	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
4550	45.07	12.88	98.65	53.58	
4551	45.85	47.44	99.09	53.24	
4552	44.71	18.32	98.78	54.07	
4553	45.56	158.92	98.97	53.41	
4554	44.49	20.22	98.67	54.18	
4555	44.56	0.07	98.68	54.12	
4556	44.4	1.19	98.71	54.31	
4557	44.77	3.3	100.19	55.42	
4558	44.75	3.29	98.62	53.87	
4559	44.48	10.11	98.67	54.19	
4560	45.25	815.85	98.6	53.35	
4561	43.49	28.42	100.23	56.74	
4562	46.27	15.05	100.1	53.83	
4563	44.18	104.75	100.23	56.05	
4564	43.83	41.04	100.23	56.4	
4565	43.73	5.92	100.24	56.51	
4566	43.51	0	100.24	56.73	
4567	43.34	0	100.25	56.91	
4568	43.24	202.2	100.21	56.97	
4569	43.75	1.66	100.23	56.48	
4570	43.84	15.46	100.23	56.39	
4571	43.76	10.23	100.24	56.48	
4572	43.94	35.61	100.23	56.29	
4573	43.64	0.82	100.24	56.6	
4574	43.58	12.19	100.23	56.65	
4575	43.75	31.68	100.25	56.5	
4576	42.69	19.56	100.25	57.56	
4577	42.51	32.03	100.26	57.75	
4578	43.87	73.49	100.25	56.38	
4579	43.74	22.76	100.25	56.51	
4580	42.54	0	100.26	57.72	
4581	42.41	0	100.26	57.85	
4582	42.41	0.22	100.26	57.85	
4583	42.51	0	100.26	57.75	
4584	42.54	36.64	100.26	57.72	
4585	43.05	44.42	100.24	57.19	
4586	43.16	49.85	100.23	57.07	
4587	43.37	31.73	100.23	56.86	
4588	43.66	0.28	100.22	56.56	
4589	44.13	13.55	100.22	56.09	
4590	44.34	21.21	100.19	55.85	
4591	45.77	11.38	100.11	54.34	
4592	45.44	17.1	100.2	54.76	
4593	44.51	13.27	100.22	55.71	
4594	44.61	2.76	100.21	55.6	
4595	44.56	6.41	100.23	55.67	
4596	44.18	26.44	100.23	56.05	
4597	42.86	29.14	100.24	57.38	
4598	42.9	1.95	100.24	57.34	
4599	44.51	1.06	100.22	55.71	
4600	44.07	2.47	100.22	56.15	
4601	44.59	2.21	100.2	55.61	
4602	45.2	0.66	100.18	54.98	
4603	45.38	48.38	100.16	54.78	
4604	42.58	125.05	100.57	57.99	
4605	42.64	0.28	100.61	57.97	
4606	43.32	559.36	100.08	56.76	
4607	44.19	65.46	100.22	56.03	
4608	44.32	371.38	100.24	55.92	
4609	44.59	0	100.27	55.68	
4610	44.24	0	100.3	56.06	
4611	43.69	269.79	100.09	56.4	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
4612	44.15	36.24	100.19	56.04	
4613	42.79	0	100.61	57.82	
4614	44.24	47.9	100.3	56.06	
4615	44.38	118.35	100.28	55.9	
4616	43.94	250.12	100.3	56.36	
4617	44.89	0	100.28	55.39	
4618	44.62	64.16	100.29	55.67	
4619	44.65	80.15	100.34	55.69	
4620	44.49	13.28	100.38	55.89	
4621	43.66	39.54	100.34	56.68	
4622	44.21	34.31	100.44	56.23	
4623	43.87	81.44	100.57	56.7	
4624	45.01	15.95	100.69	55.68	
4625	45.86	1.64	100.75	54.89	
4626	44.24	120.74	100.66	56.42	
4627	44.13	55.08	100.6	56.47	
4628	43.24	26.65	100.55	57.31	
4629	43.06	71.04	100.53	57.47	
4630	43.15	446.82	100.5	57.35	
4631	43.63	25.49	100.56	56.93	
4632	43.06	21.46	100.52	57.46	
4633	43.06	124.96	100.47	57.41	
4634	43.71	99.47	100.44	56.73	
4635	43.58	78.36	100.41	56.83	
4636	43.47	100.76	100.38	56.91	
4637	43.22	151.54	100.45	57.23	
4638	42.55	223.45	100.5	57.95	
4639	43.05	6.81	100.53	57.48	
4640	42.87	97.46	100.5	57.63	
4641	42.54	24.4	100.53	57.99	
4642	42.64	21.39	100.61	57.97	
4643	42.79	3.24	100.61	57.82	
4644	43.12	44.43	100.61	57.49	
4645	49.44	433.44	98.91	49.47	
4646	49.35	8.49	98.65	49.3	
4647	48.29	0	98.18	49.89	
4648	48.34	21.49	98.79	50.45	
4649	48.4	52.98	98.76	50.36	
4650	47.54	36.69	98.73	51.19	
4651	47.37	34.69	98.7	51.33	
4652	47.41	49.38	98.69	51.28	
4653	47.41	29.7	98.68	51.27	
4654	47.76	17.25	98.68	50.92	
4655	46.74	36.04	98.61	51.87	
4656	46.34	26.74	99.18	52.84	
4657	45.87	66.19	99.57	53.7	
4658	45.88	67.21	99.77	53.89	
4659	44.73	99.5	100.22	55.49	
4660	45.25	13.1	100.16	54.91	
4661	45.87	572	95.11	49.24	
4662	46.2	19.02	99.44	53.24	
4663	45.61	27.39	99.48	53.87	
4664	45.53	25.7	100.05	54.52	
4665	49.89	40.55	98.59	48.7	
4666	50.9	8.45	98.55	47.65	
4667	49.12	147.28	98.6	49.48	
4668	49.78	106.94	98.57	48.79	
4669	47.94	106.33	98.56	50.62	
4670	47.93	83.31	98.53	50.6	
4671	47.85	74.29	98.53	50.68	
4672	47.08	104.53	98.51	51.43	
4673	46.53	81.07	98.45	51.92	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
4674	48.25	16.74	98.83	50.58	
4675	51.3	121.31	98.53	47.23	
4676	53.49	177.18	98.43	44.94	
4677	54.54	223.69	98.44	43.9	
4678	50.76	94.11	98.51	47.75	
4679	51.23	75.17	98.45	47.22	
4680	51.78	233.28	98.46	46.68	
4681	49.84	111.63	98.45	48.61	
4682	48.89	42.87	98.44	49.55	
4683	49.49	45	98.44	48.95	
4684	49.5	71.79	98.42	48.92	
4685	49.28	20.01	98.45	49.17	
4686	49.13	40.55	98.44	49.31	
4687	51.16	55.9	98.4	47.24	
4688	51.77	73.69	98.4	46.63	
4689	51.62	54.57	98.4	46.78	
4690	51.59	70.66	98.41	46.82	
4691	51.59	18.59	98.4	46.81	
4692	52.65	14.03	98.36	45.71	
4693	51.46	0	98.36	46.9	
4694	54.89	55.87	98.35	43.46	
4695	54.8	32.46	98.37	43.57	
4696	54.59	184.86	98.38	43.79	
4697	51.83	127.16	98.41	46.58	
4698	54.47	73.76	98.43	43.96	
4699	54.1	27.12	98.4	44.3	
4700	54.93	88.16	98.48	43.55	
4701	54.68	46.37	98.48	43.8	
4702	55.15	14.29	98.52	43.37	
4703	54.82	11.84	98.52	43.7	
4704	54.82	9.95	98.52	43.7	
4705	57.4	4.57	98.56	41.16	
4706	59.23	1.76	98.89	39.66	
4707	54.91	11.48	98.56	43.65	
4708	57.31	5.95	98.58	41.27	
4709	55.25	22.7	98.48	43.23	
4710	54.13	21.48	98.4	44.27	
4711	54.48	40.09	98.33	43.85	
4712	54.84	29.68	98.34	43.5	
4713	51.07	26.06	98.34	47.27	
4714	46.6	16.79	98.27	51.67	
4715	48.29	36.22	98.27	49.98	
4716	56.69	78.37	98.27	41.58	
4717	48.27	2.68	98.25	49.98	
4718	50.06	200.66	88.4	38.34	
4719	54.92	0	98.03	43.11	
4720	52.9	0	98.03	45.13	
4721	53.22	0	98.03	44.81	
4722	60.99	83.55	98.03	37.04	
4723	63.22	47.16	98.42	35.2	
4724	62.46	244.46	97.62	35.16	
4725	68.31	284.99	97.07	28.76	
4726	53.61	0	98.22	44.61	
4727	49.81	0.58	98.31	48.5	
4728	50.69	44.62	98.31	47.62	
4729	57.24	91.11	98.26	41.02	
4730	59.38	13.81	98.05	38.67	
4731	54.66	4.02	98.08	43.42	
4732	55.84	18.92	98.23	42.39	
4733	56.43	11.94	98.07	41.64	
4734	59.81	22.13	98.05	38.24	
4735	59.87	6.05	98.05	38.18	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
4736	58.48	0.66	98.07	39.59	
4737	57.7	8.23	98.08	40.38	
4738	59.39	14.72	98.08	38.69	
4739	60.47	67.74	98.19	37.72	
4740	57.76	9.32	98.23	40.47	
4741	58.46	26.51	98.26	39.8	
4742	58.78	56.73	98.26	39.48	
4743	56.17	32.8	98.23	42.06	
4744	57.36	46.97	98.46	41.1	
4745	57.62	95.18	98.48	40.86	
4746	57.06	42.07	98.57	41.51	
4747	59.19	16.22	98.57	39.38	
4748	57.06	4.94	98.43	41.37	
4749	57.58	82.77	98.46	40.88	
4750	60.73	90.56	98.32	37.59	
4751	58.55	24.07	98.29	39.74	
4752	60.56	71.87	98.27	37.71	
4753	57.64	55.05	98.23	40.59	
4754	62.8	246.71	98.24	35.44	
4755	58.27	95.99	98.32	40.05	
4756	57.58	7.47	98.41	40.83	
4757	58.38	13.5	98.42	40.04	
4758	60.36	98.56	98.39	38.03	
4759	59.69	122.24	98.32	38.63	
4760	60.23	38.29	98.57	38.34	
4761	61.22	0	98.89	37.67	
4762	61.22	0	98.84	37.62	
4763	136.76	1.62	264.04	127.28	
4764	121.63	2.51	264.04	142.41	
4765	125.07	4.73	264.04	138.97	
4766	110.72	2.15	264.04	153.32	
4767	104.72	0	264.04	159.32	
4768	104.86	4.14	264.04	159.18	
4769	103.16	63.37	264.05	160.89	
4770	116.5	537.26	179.55	63.05	
4772	89.64	15.86	96.8	7.16	
4773	87.83	8.22	96.8	8.97	
4774	85.36	17.73	96.8	11.44	
4775	74.7	149.31	96.8	22.1	
4776	86.65	26.94	96.8	10.15	
4777	67.88	9.46	97.93	30.05	
4778	64.08	15.7	97.93	33.85	
4779	70.35	0	96.8	26.45	
4780	59.45	179.85	97.93	38.48	
4781	63.4	97.24	97.93	34.53	
4782	62.94	11.26	97.94	35	
4783	66.52	324.04	95.62	29.1	
4784	66.38	454.63	97.69	31.31	
4785	66.93	53.87	97.37	30.44	
4786	66.84	0	97.37	30.53	
4787	61.81	0.28	97.91	36.1	
4788	59.69	22.2	97.94	38.25	
4789	61.72	182.31	97.81	36.09	
4790	59.5	41.04	97.94	38.44	
4791	57.15	0.54	97.94	40.79	
4792	61.15	108.39	97.76	36.61	
4793	48.93	2.03	98.12	49.19	
4794	50.7	61.73	97.97	47.27	
4795	61.86	15.05	97.94	36.08	
4796	56.8	11.04	97.94	41.14	
4797	52.65	47.26	97.96	45.31	
4798	53.53	16.13	97.96	44.43	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
4799	54.38	15.16	97.95	43.57	
4800	55.79	27.39	97.94	42.15	
4801	62.46	26.35	97.94	35.48	
4802	45.11	118.88	98.51	53.4	
4803	42.1	8.57	98.57	56.47	
4804	41.07	443.65	98.61	57.54	
4805	40.66	154.2	98.63	57.97	
4806	41.4	56.82	98.57	57.17	
4807	43.47	0.62	98.75	55.28	
4808	40.9	122.98	98.61	57.71	
4809	40.67	100.5	98.62	57.95	
4810	40.05	36.35	98.75	58.7	
4811	39.82	111.75	98.88	59.06	
4812	40.35	34.31	98.7	58.35	
4813	40.87	598.77	98.62	57.75	
4814	40.19	0.58	98.69	58.5	
4815	40.07	0.28	98.84	58.77	
4816	40.21	0.28	98.76	58.55	
4817	39.75	38.23	98.7	58.95	
4818	40.24	22.33	98.64	58.4	
4819	39.95	360.61	98.68	58.73	
4820	40.21	1321.31	98.64	58.43	
4821	42.36	0.28	98.69	56.33	
4822	40.92	5.64	98.68	57.76	
4823	40.16	1.15	98.7	58.54	
4824	40.53	55.82	98.74	58.21	
4825	53.19	310.83	94.38	41.19	
4826	58.08	0	93.57	35.49	
4827	64.6	40.11	94.38	29.78	
4828	63.59	0	94.39	30.8	
4829	70.25	1013.21	94.45	24.2	
4830	72.75	18.19	94.37	21.62	
4831	76.91	14.2	94.39	17.48	
4832	68.85	39.31	94.64	25.79	
4833	68.18	0	94.52	26.34	
4834	49.28	32.76	98.48	49.2	
4835	50.03	83.7	98.43	48.4	
4836	50.53	38.36	98.4	47.87	
4837	51.38	20.94	98.36	46.98	
4838	45.69	10.23	98.38	52.69	
4839	45.43	70.78	98.72	53.29	
4840	46.18	90	98.7	52.52	
4841	45.39	647.93	98.72	53.33	
4842	58.77	0	98.76	39.99	
4843	71.11	0.31	177.93	106.82	
4844	73.53	29.87	98.58	25.05	
4845	52.62	1.38	98.24	45.62	
4846	53.91	0	98.48	44.57	
4847	45.49	17.7	99.15	53.66	
4848	75.9	0	98.33	22.43	
4849	51.08	5.74	99.01	47.93	
4850	71.27	21.39	97.41	26.14	
4851	51.22	7.01	97.74	46.52	
4852	51.11	39.68	99.31	48.2	
4853	46.56	22.03	99.07	52.51	
4854	45.41	1	100.09	54.68	
4855	45.82	31.86	100	54.18	
4856	51.3	17.31	98.96	47.66	
4857	69.75	121.66	98.53	28.78	
4858	91.71	0	163.25	71.54	
4859	50.25	53	99.04	48.79	
4860	49.68	76.54	99.35	49.67	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
4861	52.22	36.16	99.2	46.98	
4862	54.4	25.62	98.5	44.1	
4863	55.87	75.47	99.48	43.61	
4864	125.28	854.3	177.49	52.21	
4865	57.25	0	98.25	41	
4866	54.64	6.11	98.49	43.85	
4867	63.94	2.81	96.1	32.16	
4868	75.94	56.21	101.1	25.16	
4869	71.43	131.65	96.82	25.39	
4870	69.3	63.76	96.95	27.65	
4871	69.6	18.9	96.94	27.34	
4872	45.44	13.59	98.19	52.75	
4873	53.9	36.89	96.14	42.24	
4874	56.82	44.34	97.61	40.79	
4875	68.59	1.26	97.01	28.42	
4876	51.84	47.26	97.68	45.84	
4877	49.48	9.69	97.08	47.6	
4878	47.62	169.31	98.44	50.82	
4879	45.42	22.99	98.85	53.43	
4880	50.58	22.93	98.56	47.98	
4881	49.71	259.64	98.59	48.88	
4882	56.94	11.73	96	39.06	
4883	63.52	53.72	131.66	68.14	
4884	61.75	32.55	96.05	34.3	
4885	70.24	19.7	97.98	27.74	
4886	94.41	24.06	184.84	90.43	
4887	59.61	0	98.24	38.63	
4888	60.83	13.85	97.73	36.9	
4889	81.79	55.74	162.89	81.1	
4890	76.37	39.97	162.79	86.42	
4891	54.53	62.94	98.88	44.35	
4892	60.15	30.62	96.06	35.91	
4893	60.15	30.57	111.19	51.04	
4894	59.85	61.12	96.06	36.21	
4895	72.24	2.35	96.07	23.83	
4896	92	51.51	111.86	19.86	
4897	68.31	8.33	96.02	27.71	
4898	68.14	2.24	95.92	27.78	
4899	65.86	0	96	30.14	
4900	49.49	228.12	97.8	48.31	
4901	50.4	46.54	97.84	47.44	
4902	46.07	8.53	97.95	51.88	
4903	46.24	7.38	98.04	51.8	
4904	45.32	92.11	98.06	52.74	
4905	44.55	1106.52	98.77	54.22	
4906	44.08	0	98.78	54.7	
4907	40.27	72.95	96.66	56.39	
4908	39.84	95.62	96.91	57.07	
4909	40.17	219.29	96.91	56.74	
4910	40.07	160.86	96.91	56.84	
4911	40.1	0	96.95	56.85	
4912	40.11	162.85	97.36	57.25	
4913	39.55	1069.89	96.72	57.17	
4914	39.93	82.49	96.92	56.99	
4915	40.18	16.28	96.7	56.52	
4916	40.24	11.6	96.71	56.47	
4917	39.58	250.49	98.42	58.84	
4918	41.06	316.8	96.5	55.44	
4919	40.03	191.47	97.38	57.35	
4920	40.14	75.16	97.84	57.7	
4921	39.85	80.72	97.99	58.14	
4922	41.25	88.34	97.35	56.1	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
4923	41.32	93.76	97.35	56.03	
4924	41.58	123.99	97.41	55.83	
4925	41.29	78.24	97.36	56.07	
4926	41.43	30.93	97.36	55.93	
4927	40.8	102.36	97.36	56.56	
4928	40.78	68.51	97.36	56.58	
4929	40.66	65.96	97.37	56.71	
4930	40.4	410.98	97.34	56.94	
4931	40.32	73.17	97.34	57.02	
4932	40.65	72.58	97.35	56.7	
4933	40.65	63.97	97.37	56.72	
4934	40.53	78.41	97.34	56.81	
4935	40.38	58.1	97.34	56.96	
4936	40.35	25.01	97.34	56.99	
4937	40.14	32.6	97.35	57.21	
4938	40.22	7.99	97.6	57.38	
4939	40.64	57.53	97.34	56.7	
4940	40.46	69.5	97.34	56.88	
4941	40.47	95.3	97.36	56.89	
4942	40.55	65.95	97.34	56.79	
4943	40.26	24.19	97.44	57.18	
4944	40.34	51.27	97.53	57.19	
4945	40.11	13.43	97.81	57.7	
4946	42.38	38.31	97.56	55.18	
4947	40.16	47.46	97.44	57.28	
4948	40.31	62.07	97.36	57.05	
4949	40.4	62.26	97.34	56.94	
4950	40.58	43.6	97.34	56.76	
4951	40.58	45.04	97.36	56.78	
4952	40.85	52.39	97.43	56.58	
4953	40.91	56.95	97.39	56.48	
4954	42.45	60.53	97.37	54.92	
4955	41.46	70.76	97.36	55.9	
4956	41.46	69.39	97.35	55.89	
4957	42.06	0	100.1	58.04	
4958	42.06	17.31	100.09	58.03	
4959	42.06	0	100.09	58.03	
4960	42.61	17.29	100.08	57.47	
4961	42.62	54.21	100.06	57.44	
4962	41.62	59.11	100.06	58.44	
4963	39.62	27.57	100.06	60.44	
4964	40.46	14.33	100.06	59.6	
4965	40.46	109.61	100.06	59.6	
4966	42.37	3.84	100.09	57.72	
4967	42.2	6.5	100.09	57.89	
4968	42.87	16.53	100.08	57.21	
4969	42.15	0.54	100.08	57.93	
4970	42.5	32.83	100.07	57.57	
4971	42.74	82.21	100.06	57.32	
4972	42.51	47.46	100.07	57.56	
4973	42.41	50.56	100.07	57.66	
4974	42.58	96.05	100.06	57.48	
4975	43.6	87.28	100.06	56.46	
4976	43.48	34.42	100.06	56.58	
4977	42.75	57.55	100.06	57.31	
4978	42.58	30.77	100.07	57.49	
4979	42.41	26.7	100.08	57.67	
4980	42.48	317.06	100.09	57.61	
4981	42.87	3.06	100.1	57.23	
4982	43.16	11.21	100.08	56.92	
4983	43.14	18.8	100.1	56.96	
4984	43.11	57.77	100.06	56.95	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
4985	43.12	37.39	100.07	56.95	
4986	43.25	21.31	100.06	56.81	
4987	41.16	85.59	100.04	58.88	
4988	43.31	25.16	100.13	56.82	
4989	44.16	16.92	100.17	56.01	
4990	44.16	0	100.25	56.09	
4991	44.32	0	100.26	55.94	
4992	44.16	5.62	100.22	56.06	
4993	44.32	0	100.25	55.93	
4994	44.61	10.01	100.23	55.62	
4995	44.76	21.85	100.31	55.55	
4996	44.58	12.46	100.21	55.63	
4997	44.41	55.03	100.23	55.82	
4998	44.33	44.81	100.21	55.88	
4999	44.88	21.77	100.2	55.32	
5000	44.73	9.1	100.2	55.47	
5001	44.74	47.25	100.15	55.41	
5002	44.55	47.49	100.19	55.64	
5003	44.73	28.07	100.2	55.47	
5004	44.16	40.95	100.06	55.9	
5005	44.54	34.32	100.2	55.66	
5006	46.51	5.16	100.19	53.68	
5007	42.51	15.23	100.19	57.68	
5008	43.55	2.65	100.19	56.64	
5009	43.41	11.22	100.16	56.75	
5010	43.15	12.03	100.15	57	
5011	48.07	8.31	100.15	52.08	
5012	48.25	10.85	100.06	51.81	
5013	48.14	1.72	100.13	51.99	
5014	48.34	38.06	100.05	51.71	
5015	46.89	46.65	100.16	53.27	
5016	47.59	25.34	100.05	52.46	
5017	44.31	33.49	100.19	55.88	
5018	44.52	63.36	100.18	55.66	
5019	45.24	38.23	100.05	54.81	
5020	44.2	0	100.23	56.03	
5021	43.91	22.29	100.06	56.15	
5022	44.21	16.62	100.05	55.84	
5023	44.2	7.66	100.13	55.93	
5024	44.2	89.26	100.07	55.87	
5025	43.46	25.16	100.13	56.67	
5026	43.87	43.08	100.06	56.19	
5027	43.27	17.36	100.09	56.82	
5028	43.46	35.17	100.05	56.59	
5029	43.12	25.41	100.05	56.93	
5030	43.11	31.07	100.04	56.93	
5031	43.16	58.33	100.05	56.89	
5032	43.48	21.82	100.05	56.57	
5033	43.17	21.38	100.04	56.87	
5034	43.06	35.05	100.04	56.98	
5035	43.27	26.63	100.04	56.77	
5036	44.23	42.61	100.05	55.82	
5037	43.79	67.63	100.04	56.25	
5038	43.61	79.56	100.04	56.43	
5039	46.28	40.61	100.04	53.76	
5040	40.29	17.97	100.05	59.76	
5041	44.2	47.84	100.04	55.84	
5042	42.94	36.29	100.06	57.12	
5043	75.41	12.95	96.87	21.46	
5044	82.38	1.46	122.8	40.42	
5045	80.45	16.94	122.8	42.35	
5046	72.55	4.92	96.87	24.32	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
5047	77.9	13.95	122.8	44.9	
5048	72.58	1.39	122.82	50.24	
5049	72.58	0	96.87	24.29	
5050	72.65	0	96.87	24.22	
5051	71.23	1.56	96.86	25.63	
5052	71.74	500.67	96.86	25.12	
5053	71.32	21.69	96.86	25.54	
5054	72.67	3.02	96.87	24.2	
5055	72.31	31.14	96.86	24.55	
5056	73.11	1.13	96.87	23.76	
5057	72.31	7.41	96.87	24.56	
5058	72.43	4.73	96.87	24.44	
5059	71.81	6.99	96.87	25.06	
5060	76.7	5.39	96.86	20.16	
5061	77.44	13.13	96.86	19.42	
5062	71.3	5.05	96.86	25.56	
5063	71.3	4.16	96.86	25.56	
5064	74.24	3.29	96.87	22.63	
5065	71.5	4.4	96.86	25.36	
5066	71.12	181.98	96.84	25.72	
5067	70.93	14.51	96.86	25.93	
5068	72.65	0	96.88	24.23	
5069	67.89	14.97	96.88	28.99	
5070	73.64	7.73	96.88	23.24	
5071	73.27	1.94	96.88	23.61	
5072	100.7	3.17	118.91	18.21	
5073	97.2	80.32	118.69	21.49	
5074	96.4	2.27	118.91	22.51	
5075	90.4	28.39	118.89	28.49	
5076	88.4	6.87	119.04	30.64	
5077	89.9	3.15	119.03	29.13	
5078	91.23	19.94	119.02	27.79	
5079	78.52	17.05	119.02	40.5	
5080	82.07	3.1	119.04	36.97	
5081	83.07	26.01	119.04	35.97	
5082	82.09	0	119.04	36.95	
5083	81.89	13.48	119.04	37.15	
5084	81.31	1.04	119.04	37.73	
5085	80.53	1.13	119.04	38.51	
5086	81.56	2.17	119.04	37.48	
5087	84.92	31.66	119.05	34.13	
5088	79.87	38.4	119.04	39.17	
5089	82.93	42.86	119.03	36.1	
5090	81.45	50.22	119.03	37.58	
5091	81.86	5.55	119.04	37.18	
5092	81.68	27.27	119.08	37.4	
5093	80.93	24.83	119.03	38.1	
5094	80.4	27.48	119.04	38.64	
5095	81.56	26.49	119.05	37.49	
5096	80.92	25.12	119.04	38.12	
5097	80.89	0	119.09	38.2	
5098	80.44	20.51	119.04	38.6	
5099	79.55	0.28	119.22	39.67	
5100	78.92	0	119.28	40.36	
5101	79.24	108.1	119.04	39.8	
5102	77.81	27.7	98.98	21.17	
5103	78.42	22.52	98.97	20.55	
5104	75.1	29.18	98.98	23.88	
5105	77.4	98.93	98.96	21.56	
5106	77.4	31.84	98.97	21.57	
5107	75.76	2.17	98.97	23.21	
5108	75.8	0.28	98.97	23.17	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
5109	74.5	17.25	98.97	24.47	
5110	74.2	74.39	98.96	24.76	
5111	73.6	64.82	98.97	25.37	
5112	78.42	0.52	98.97	20.55	
5113	73.27	7.44	98.97	25.7	
5114	73.2	22.79	98.97	25.77	
5115	75.89	9.02	98.97	23.08	
5116	75.79	14.4	98.98	23.19	
5117	73.2	25.35	98.97	25.77	
5118	73.6	1.94	98.97	25.37	
5119	74.18	13.75	98.98	24.8	
5120	78.9	606.25	98.66	19.76	
5121	76.72	52.91	98.74	22.02	
5122	74.54	1177.81	98.89	24.35	
5123	72.11	23.14	98.89	26.78	
5124	76.06	0	98.97	22.91	
5125	73.87	3.22	98.89	25.02	
5126	74.5	2.15	98.98	24.48	
5127	72.4	9.63	98.89	26.49	
5128	71.65	18.74	98.89	27.24	
5129	71.11	21.03	98.98	27.87	
5130	69.41	385.68	99	29.59	
5131	70.69	101.82	98.94	28.25	
5132	70.75	0.28	98.98	28.23	
5133	71.78	0	98.97	27.19	
5134	73.28	0	98.96	25.68	
5135	73.82	6.86	98.93	25.11	
5136	72.61	8.28	98.9	26.29	
5137	73.2	2.4	98.9	25.7	
5138	73.46	1.1	98.89	25.43	
5139	73.1	21.56	98.98	25.88	
5140	72.1	34.44	98.98	26.88	
5141	72.1	31.88	98.98	26.88	
5142	74.8	0	98.98	24.18	
5143	74.57	0	119.38	44.81	
5144	74.84	38.49	98.98	24.14	
5145	70.5	26.65	98.98	28.48	
5146	74.41	27.15	119.36	44.95	
5147	74.41	0	98.98	24.57	
5148	70.81	514.87	119.46	48.65	
5149	71.17	0	119.52	48.35	
5150	73.31	0	119.58	46.27	
5151	71.71	0	119.56	47.85	
5152	73.31	0	95.99	22.68	
5153	73.06	0	95.99	22.93	
5154	70.58	0	95.99	25.41	
5155	74.49	8.08	95.99	21.5	
5156	71.32	0.28	95.99	24.67	
5157	78.19	8.67	95.98	17.79	
5158	74.49	5.53	95.99	21.5	
5159	82.63	3.24	95.98	13.35	
5160	78.85	15.12	95.98	17.13	
5161	71.17	25.95	98.7	27.53	
5162	73.66	10.76	95.98	22.32	
5163	75.47	5.46	95.98	20.51	
5164	75.83	4.88	95.98	20.15	
5165	74.8	3.35	95.99	21.19	
5166	74.85	0.01	95.98	21.13	
5167	71.11	6.27	98.59	27.48	
5168	71.59	214.24	95.98	24.39	
5169	68.17	0	95.98	27.81	
5170	73.35	21.62	95.98	22.63	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
5171	69.87	16.59	95.98	26.11	
5172	70.91	14.36	95.98	25.07	
5173	69.72	16.63	95.98	26.26	
5174	70.6	25.13	95.98	25.38	
5175	70.3	25.01	95.98	25.68	
5176	73.58	14.22	95.99	22.41	
5177	70.41	7.32	95.99	25.58	
5178	70.54	0	95.99	25.45	
5179	70.21	0	95.99	25.78	
5180	69.5	0	96	26.5	
5181	69.34	0	96.01	26.67	
5182	69.34	0	96.01	26.67	
5183	63.12	114.59	97.9	34.78	
5184	61.63	75.8	97.71	36.08	
5185	60.71	12.09	98.64	37.93	
5186	69.7	0	95.99	26.29	
5187	69.88	29.93	95.99	26.11	
5188	69.68	16.63	95.98	26.3	
5189	69.87	0.28	95.98	26.11	
5190	66.75	0	95.98	29.23	
5191	69.1	7.01	95.98	26.88	
5192	65.87	4.66	98.52	32.65	
5193	71.14	4.63	98.7	27.56	
5194	54.33	1.98	98.72	44.39	
5195	63.47	2.7	98.7	35.23	
5196	70.69	0.28	98.69	28	
5197	63.1	30.08	98.7	35.6	
5198	70.8	0.28	98.69	27.89	
5199	69.82	6.48	98.59	28.77	
5200	63.32	3.93	98.45	35.13	
5201	62.65	25.3	98.35	35.7	
5202	62.47	3.56	98.2	35.73	
5203	63.22	14.81	98.62	35.4	
5204	64.82	0.67	98.59	33.77	
5205	67.24	0.97	98.59	31.35	
5206	63.86	28.33	98.61	34.75	
5207	62.69	67.56	98.72	36.03	
5208	62.2	0.01	98.69	36.49	
5209	62.69	31.88	98.73	36.04	
5210	59.61	0.28	98.83	39.22	
5211	61.56	13.83	98.64	37.08	
5212	62.86	22.74	98.65	35.79	
5213	63.11	31.76	98.63	35.52	
5214	62.81	2.9	98.67	35.86	
5215	60.23	20.82	98.7	38.47	
5216	59.22	0	98.98	39.76	
5217	59.11	0	99.01	39.9	
5218	61.14	22.76	98.64	37.5	
5219	61.22	19.55	98.64	37.42	
5220	60.38	29.23	98.64	38.26	
5221	60.85	3.22	98.65	37.8	
5222	60.65	16.63	98.65	38	
5223	60.63	0.28	98.68	38.05	
5224	42.08	12.36	99.85	57.77	
5225	48.2	0.59	98.75	50.55	
5226	42.44	1539.17	99.77	57.33	
5227	41.48	1214.14	99.94	58.46	
5228	50.66	32.3	98.82	48.16	
5229	49.21	244.64	99	49.79	
5230	49.77	34.83	98.86	49.09	
5231	46.33	1428.17	99.14	52.81	
5232	44.15	587.28	99.41	55.26	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
5233	42.41	0	99.83	57.42	
5234	49.17	29.39	99.46	50.29	
5235	57.22	51.89	99.14	41.92	
5236	54.04	64.14	98.89	44.85	
5237	51.36	30.33	98.84	47.48	
5238	53.16	37.08	98.89	45.73	
5239	55.59	157.46	98.98	43.39	
5240	53.9	122.5	98.98	45.08	
5241	49.39	94.12	99.15	49.76	
5242	48.6	92.63	99.28	50.68	
5243	45.74	99.18	99.31	53.57	
5244	43.26	100.75	99.49	56.23	
5245	44.54	223.91	99.3	54.76	
5246	47.33	121.99	99.13	51.8	
5247	50.32	129.28	98.98	48.66	
5248	52.48	144.5	98.84	46.36	
5249	50.45	134.43	98.86	48.41	
5250	30.65	1587.26	80.58	49.93	
5251	30.79	0	81.8	51.01	
5252	29.49	298.14	55.68	26.19	
5253	28.17	1394.8	57.55	29.38	
5254	27.83	25.16	74.18	46.35	
5255	27.94	10.3	74.37	46.43	
5256	29.15	52.53	77.11	47.96	
5257	30.62	276.17	79.67	49.05	
5258	30.11	1604.4	56.14	26.03	
5259	30.62	0	80.78	50.16	
5260	29.88	18.03	79.21	49.33	
5261	29.93	6.16	79.96	50.03	
5262	28.53	34.05	75.41	46.88	
5263	27.83	8.27	74.39	46.56	
5264	29.15	781.14	77.12	47.97	
5265	29.87	12.41	79.13	49.26	
5266	29.87	33.95	79.74	49.87	
5267	29.22	659.68	77.12	47.9	
5268	28.6	33.51	75.37	46.77	
5269	28.17	64.76	75.51	47.34	
5270	29.14	77.11	78.18	49.04	
5271	29.45	207.75	78.18	48.73	
5272	31.56	128.02	77.33	45.77	
5273	28.15	766.76	65.18	37.03	
5274	30.62	95.43	65.13	34.51	
5275	30.82	961.84	77.28	46.46	
5276	33.45	21.47	77.07	43.62	
5277	30.57	20.63	75.53	44.96	
5278	30.92	829.84	74.43	43.51	
5279	29.92	1859.32	72.24	42.32	
5280	30.14	539.92	76.25	46.11	
5281	29.31	11.95	78.12	48.81	
5282	29.67	735.56	77.5	47.83	
5283	29.82	7.77	79.86	50.04	
5284	29.56	107.69	79.17	49.61	
5285	31.22	1469.15	71.89	40.67	
5286	31.31	159.93	73.83	42.52	
5287	31.94	175.21	75.2	43.26	
5288	30.44	1759.73	75.92	45.48	
5289	30.54	132.48	75.84	45.3	
5290	32.03	17.6	75.7	43.67	
5291	29.99	104.84	80.06	50.07	
5292	29.94	9.07	80.4	50.46	
5293	29.93	8.22	80.07	50.14	
5294	29.93	16.1	79.76	49.83	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
5295	30.56	131.14	80.13	49.57	
5296	29.69	1220.1	78.56	48.87	
5297	29.69	21.52	79.54	49.85	
5298	30.11	463.73	77.93	47.82	
5299	31.19	71.86	78.44	47.25	
5300	30.14	962.37	77.88	47.74	
5301	30.5	109.36	77.98	47.48	
5302	32.36	9.92	75.79	43.43	
5303	33.77	55.57	75.72	41.95	
5304	32.03	34.89	75.7	43.67	
5305	32.09	4.39	75.7	43.61	
5306	32.12	15.99	75.7	43.58	
5307	32.09	5.47	75.69	43.6	
5308	32.04	18.27	75.55	43.51	
5309	31.94	14.52	75.4	43.46	
5310	32.02	203.66	75.34	43.32	
5311	36.61	14.69	75.72	39.11	
5312	31.98	9.74	75.69	43.71	
5313	32.19	8.11	75.61	43.42	
5314	32.66	84.26	75.69	43.03	
5315	32.01	33.61	75.48	43.47	
5316	39.76	10.09	97.34	57.58	
5317	36.19	34.78	97.4	61.21	
5318	39.51	66.55	97.71	58.2	
5319	42.54	43.99	98.49	55.95	
5320	42.79	15.6	98.27	55.48	
5321	39.28	15.77	97.78	58.5	
5322	37.21	13.72	97.92	60.71	
5323	37.76	347.74	97.84	60.08	
5324	36.47	33.18	97.77	61.3	
5325	40.07	38.21	97.84	57.77	
5326	36.83	33.56	97.4	60.57	
5327	36.9	25.76	97.55	60.65	
5328	49.52	19.51	97.68	48.16	
5329	54.15	16.65	97.94	43.79	
5330	37.29	11.62	97.57	60.28	
5331	42.24	15.85	97.68	55.44	
5332	36.99	25.76	97.56	60.57	
5333	38.41	25.76	97.57	59.16	
5334	38.83	17.96	97.57	58.74	
5335	39.08	12.92	97.49	58.41	
5336	41.29	11.19	97.57	56.28	
5337	39.08	25.76	97.49	58.41	
5338	39.08	15.96	97.56	58.48	
5339	39.39	11.77	97.48	58.09	
5340	40.07	25.76	97.48	57.41	
5341	39.54	23.89	97.48	57.94	
5342	41.68	220.76	97.99	56.31	
5343	57.26	11.57	97.84	40.58	
5344	61.06	16.47	97.84	36.78	
5345	59.69	80.36	97.97	38.28	
5346	62.66	142.76	97.84	35.18	
5347	44.62	25.76	97.71	53.09	
5348	49.15	81.91	97.72	48.57	
5349	51.7	64.76	97.94	46.24	
5350	51.28	13.99	97.95	46.67	
5351	47.24	10.16	97.8	50.56	
5352	53.24	8.24	97.97	44.73	
5353	54.14	66.71	97.93	43.79	
5354	53.3	12.92	97.97	44.67	
5355	54.93	3.9	97.97	43.04	
5356	55.94	14.29	97.97	42.03	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
5357	53.73	65.32	97.75	44.02	
5358	68.4	8.26	98.05	29.65	
5359	55.78	20.09	98.06	42.28	
5360	38.46	2307.81	97.4	58.94	
5361	37.08	62.03	97.4	60.32	
5362	37.18	11.71	97.77	60.59	
5363	38.61	64.76	97.4	58.79	
5364	41.22	175.96	97.84	56.62	
5365	54.55	1375.95	98.03	43.48	
5366	53.61	26.57	98.58	44.97	
5367	47.13	36.06	98.61	51.48	
5368	53.93	120.97	98.18	44.25	
5369	53.29	45.23	98.18	44.89	
5370	56.6	194.11	98.24	41.64	
5371	45.87	0.49	98.58	52.71	
5372	50.5	14.01	98.28	47.78	
5373	45.15	20.05	98.43	53.28	
5374	45.87	320.98	98.58	52.71	
5375	41.22	11.9	96.57	55.35	
5376	45.9	0	98.58	52.68	
5377	42.48	4.04	97.12	54.64	
5378	40.69	715.44	94.13	53.44	
5379	40.33	182.23	98.25	57.92	
5380	40.33	18.8	98.25	57.92	
5381	40.14	12.92	98.25	58.11	
5382	40.33	0	98.25	57.92	
5383	42.73	4.94	98.22	55.49	
5384	44.6	134.04	98.01	53.41	
5385	43.52	15.07	98.22	54.7	
5386	47.66	11.64	98.26	50.6	
5387	48.67	7.07	98.15	49.48	
5388	57.92	76.28	98.22	40.3	
5389	53.5	11.57	97.95	44.45	
5390	58.12	13.88	97.91	39.79	
5393	64.83	9.15	97.9	33.07	
5394	59.1	9.05	97.9	38.8	
5395	51.65	17.96	97.95	46.3	
5396	50.62	15.99	97.94	47.32	
5397	57.82	14.17	97.9	40.08	
5398	54.58	7.51	97.91	43.33	
5399	52.72	12.74	97.94	45.22	
5400	39.7	3.1	98.7	59	
5401	80.89	0.28	119.09	38.2	
5402	31.35	2	80.58	49.23	
5403	30.77	33.74	80.23	49.46	
5404	30.63	0	82.12	51.49	
5405	31.41	48.76	80.6	49.19	
5406	67.89	17.77	96.88	28.99	
5407	71.9	3.38	96.88	24.98	
5408	86.68	11.65	144.61	57.93	
5409	89.91	45.57	123.39	33.48	
5410	30.16	19.01	75.63	45.47	
5411	28.84	278.95	75.77	46.93	
5412	30.28	5.03	75.61	45.33	
5413	29.4	20.53	75.49	46.09	
5414	30.3	8.03	75.49	45.19	
5415	30.9	88.81	75.35	44.45	
5416	33.7	49.26	75.35	41.65	
5417	32.8	0.65	75.35	42.55	
5418	30.9	122.51	75.34	44.44	
5419	30.7	104.08	75.34	44.64	
5420	44.2	87.89	100.08	55.88	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
5421	44.44	9.58	100.2	55.76	
5422	44.58	57.82	100.16	55.58	
5423	42.12	5.94	100.15	58.03	
5424	42.21	13.5	100.16	57.95	
5425	44.72	48.01	100.17	55.45	
5426	44.29	32.85	100.17	55.88	
5427	44.55	15.33	100.16	55.61	
5428	44.78	57.48	100.17	55.39	
5429	42.36	15.95	100.17	57.81	
5430	42.3	10.49	100.16	57.86	
5431	46.79	27.89	100.17	53.38	
5432	200.43	0.92	289.52	89.09	
5433	190.74	0.3	289.49	98.75	
5434	99.06	39.84	127.18	28.12	
5435	95.23	0	110.17	14.94	
5436	65.73	5.25	96.03	30.3	
5437	65.73	0	96.03	30.3	
5438	63.66	71.09	96.27	32.61	
5439	64.25	0	96.06	31.81	
5440	62.15	19.08	96.18	34.03	
5441	68.37	1.63	96.13	27.76	
5442	67.07	25.7	96.15	29.08	
5443	63.07	6.93	96.15	33.08	
5444	59.73	52.36	96.13	36.4	
5445	60.64	14.96	96.1	35.46	
5446	59.59	34.68	96.1	36.51	
5447	101.05	0	166.9	65.85	
5448	101.05	46.09	166.9	65.85	
5449	90	47.46	166.89	76.89	
5450	79.4	34.81	163.13	83.73	
5451	85.8	57.79	163.16	77.36	
5452	83.9	22.9	163.16	79.26	
5453	89.8	1.92	163.18	73.38	
5454	86.8	104.02	163.16	76.36	
5455	86.5	73.76	163.17	76.67	
5456	85.9	65.83	162.98	77.08	
5457	85.7	28.31	162.96	77.26	
5458	99.2	46.8	163.21	64.01	
5459	93.5	25.79	163.19	69.69	
5460	95.4	18.98	163.21	67.81	
5461	84.65	40.56	162.75	78.1	
5462	75.16	8.8	98.32	23.16	
5463	93.29	36.23	162.75	69.46	
5464	85.22	19.05	162.94	77.72	
5465	89.8	14.62	163.18	73.38	
5466	46.34	29.32	97.92	51.58	
5467	57.57	41.49	97.28	39.71	
5468	55.27	19.24	97.16	41.89	
5469	58.93	21.73	97.33	38.4	
5470	53.29	14.27	97.14	43.85	
5471	52.24	6.25	97.7	45.46	
5472	64.41	32.96	96.87	32.46	
5473	79.18	1.17	96.84	17.66	
5474	69.56	46.63	96.63	27.07	
5475	75.5	0	96.72	21.22	
5476	63.24	215.42	96.13	32.89	
5477	60.36	42.78	96.15	35.79	
5478	52.83	0	98.5	45.67	
5479	52.83	6.21	98.48	45.65	
5480	51.75	0	98.5	46.75	
5481	51.47	0	98.5	47.03	
5482	41.73	22.86	99.18	57.45	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
5483	39.28	1586.12	97.75	58.47	
5484	39.28	27.71	97.77	58.49	
5485	78.87	6.77	119.2	40.33	
5487	72.69	91.85	100.12	27.43	
5488	56.92	2.31	99.65	42.73	
5489	59.57	16.97	99.66	40.09	
5490	59.94	21.89	99.66	39.72	
5491	54.18	46.28	98.42	44.24	
5492	53.45	0	98.48	45.03	
5493	59.53	72.69	96.08	36.55	
5494	58.08	17.9	96.08	38	
5495	71.49	0	168.76	97.27	
5496	72.11	0	168.76	96.65	
5497	76.41	20.39	131.67	55.26	
5498	81.48	0	131.69	50.21	
5499	78.74	52.13	131.66	52.92	
5500	80.13	0	131.69	51.56	
5501	86.19	0.31	131.65	45.46	
5502	85.86	0	131.67	45.81	
5503	81.93	0.87	110.09	28.16	
5504	186.89	34.42	240.04	53.15	
5505	212.7	16.17	240.03	27.33	
5506	195.63	32.65	239.92	44.29	
5507	201.33	6.7	240.03	38.7	
5508	188.29	1.22	240.04	51.75	
5509	192.82	6.8	240.04	47.22	
5510	180.2	2.43	240.05	59.85	
5511	181.65	39.75	240.05	58.4	
5512	58.87	80.75	98.2	39.33	
5513	59.46	0.84	98.15	38.69	
5514	61.4	43.88	98.14	36.74	
5515	63.45	139.24	98.11	34.66	
5516	64.74	8.88	98.01	33.27	
5517	65.77	16.79	97.96	32.19	
5518	66.14	67.58	97.94	31.8	
5519	66.3	0	97.99	31.69	
5520	66.93	0	97.99	31.06	
5521	66.14	0	97.94	31.8	
5522	69.83	3.68	97.31	27.48	
5523	67.47	22.34	97.31	29.84	
5524	67.47	52.03	97.31	29.84	
5525	68.21	93.08	97.02	28.81	
5526	68.17	0	97.3	29.13	
5527	68.46	3.56	96.49	28.03	
5528	70.6	4.63	96.32	25.72	
5529	57.42	1.16	99.19	41.77	
5530	57.12	0	98.69	41.57	
5531	60.13	28.87	98.69	38.56	
5532	57.42	32.61	98.61	41.19	
5533	56.62	0	98.6	41.98	
5534	57.1	0	98.51	41.41	
5535	70.45	24.71	140.24	69.79	
5536	67.45	47.29	140.04	72.59	
5537	69.43	29.47	140	70.57	
5538	69.22	20.39	139.93	70.71	
5539	68.43	0	99.42	30.99	
5540	79.22	0	137.45	58.23	
5541	58.94	9.98	96.09	37.15	
5542	59.73	8.89	96.09	36.36	
5543	89.3	19.01	126.98	37.68	
5544	66.27	0	97.81	31.54	
5545	66.64	0	117.15	50.51	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
5546	66.64	0	97.97	31.33	
5547	79.48	0.3	119.69	40.21	
5548	73.6	28.71	190.23	116.63	
5549	74.82	0	190.29	115.47	
5550	102.8	26.78	127.5	24.7	
5553	37.2	55.58	75.35	38.15	
5554	79.55	0	141.19	61.64	
5555	202.91	2.74	240.04	37.13	
5556	97.1	22.8	163.16	66.06	
5557	113.81	2.91	163.16	49.35	
5558	93.4	48.9	163.17	69.77	
5559	88.6	15.6	163.19	74.59	
5560	87.3	6.13	163.19	75.89	
5561	90.1	7.24	163.18	73.08	
5562	66.78	2.33	98.59	31.81	
5563	66.78	28.21	98.59	31.81	
5564	71.45	0	98.59	27.14	
5565	75.54	15.39	125.15	49.61	
5566	75.52	0.32	125.15	49.63	
5567	94.63	3.89	262.58	167.95	
5568	76.88	0.7	263.04	186.16	
5569	87.15	0	262.93	175.78	
5570	74.28	4.08	263.04	188.76	
5571	107.65	0	264.06	156.41	
5572	112.93	0	264.06	151.13	
5573	84.71	0	132.88	48.17	
5574	76.38	29.75	98.49	22.11	
5575	63.33	0	97.12	33.79	
5576	64.59	163.16	97.12	32.53	
5577	55.42	0	98.88	43.46	
5578	87.9	1747.42	119.02	31.12	
5579	84.12	31.59	145.48	61.36	
5580	90.11	0	145.49	55.38	
5582	90.31	66.88	123.39	33.08	
5583	31.44	0	86	54.56	
5584	42.22	169.44	89.04	46.82	
5585	43.62	0.68	97.5	53.88	
5586	42.56	18.46	97.46	54.9	
5587	56.76	2.63	97.05	40.29	
5588	87	11.78	117.83	30.83	
5589	89	50.98	173.31	84.31	
5590	74.64	19.21	100.84	26.2	
5591	72.51	4.76	100.76	28.25	
5592	78.68	5.41	139.4	60.72	
5593	68.48	0	139.5	71.02	
5594	66.86	30.91	97.4	30.54	
5595	92.72	37.54	127.24	34.52	
5596	73.93	43.69	111.89	37.96	
5597	75.65	0	115.99	40.34	
5598	64.91	0	99.24	34.33	
5599	42.11	9.59	97.18	55.07	
5600	50.57	0	101.16	50.59	
5601	56.61	0	100.04	43.43	
5602	60.74	0	99.8	39.06	
5603	49.4	2.52	99.46	50.06	
5604	48.54	558.14	99.33	50.79	
5605	55.5	0	98.57	43.07	
5606	55.05	0	98.51	43.46	
5607	64.62	0	98.57	33.95	
5608	64.62	0	98.57	33.95	
5609	57.1	0	98.54	41.44	
5610	58.63	0	98.62	39.99	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
5611	56.46	0	98.63	42.17	
5612	56.5	0	98.66	42.16	
5613	55.7	43.08	98.22	42.52	
5614	59.45	0	98.24	38.79	
5615	59.1	0	98.21	39.11	
5616	70.65	0	99.19	28.54	
5617	53.67	2.9	98.32	44.65	
5618	49.44	0	98.36	48.92	
5619	58.31	0	98.2	39.89	
5620	64.95	5.6	98.16	33.21	
5621	64.95	0	98.16	33.21	
5622	76.34	0	101.06	24.72	
5623	66.28	0.31	97.89	31.61	
5624	140.5	5.04	223.93	83.43	
5625	191.45	0	289.64	98.19	
5626	69.87	43.18	95.92	26.05	
5627	69.93	15.95	95.92	25.99	
5628	73.44	37.03	95.89	22.45	
5629	71.37	0	95.92	24.55	
5630	71.43	7.48	95.92	24.49	
5631	68.92	0	95.94	27.02	
5632	68.91	9.92	95.92	27.01	
5633	78.12	9.28	132.94	54.82	
5635	116.43	0	134.48	18.05	
5636	116.43	0	181.89	65.46	
5637	69.67	62.3	95.97	26.3	
5638	69.67	22.06	96.03	26.36	
5639	65.88	0	96.03	30.15	
5640	65.88	0	96.03	30.15	
5641	64.59	0	98.01	33.42	
5642	64.59	0	98.01	33.42	
5643	64.59	0	98.01	33.42	
5644	59.6	0	96.12	36.52	
5645	59.6	0	96.12	36.52	
5646	59.14	0	96.11	36.97	
5647	59.47	0	96.11	36.64	
5648	60.85	0	96.06	35.21	
5649	60.85	2.34	96.06	35.21	
5650	62.73	9.63	96.06	33.33	
5651	59.44	0	98.21	38.77	
5652	58.73	33.42	98.22	39.49	
5653	59.44	0	97.87	38.43	
5654	59.44	0	98.21	38.77	
5655	66.11	58.42	98.19	32.08	
5656	164.26	31.85	169.2	4.94	
5657	146.44	0	169.17	22.73	
5658	146.44	0	210.46	64.02	
5659	59.33	36.99	96.11	36.78	
5660	53.91	5.16	96.12	42.21	
5661	61.81	10.4	98.2	36.39	
5662	59.21	0	98.21	39	
5663	58.89	103.79	98.21	39.32	
5664	59.89	54.19	98.2	38.31	
5665	57.25	22.75	98.24	40.99	
5666	57.25	0	98.25	41	
5667	57.37	28.31	98.23	40.86	
5668	56.51	0	96.1	39.59	
5669	59.34	93.34	96.09	36.75	
5670	56.51	1.56	98.32	41.81	
5671	57.28	5.8	98.14	40.86	
5672	56.08	6.24	98.19	42.11	
5673	56.09	3.9	98.2	42.11	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	등수두 (m)	잔류수두 (m)	비고
5674	53.64	0	98.5	44.86	
5675	47.93	9.61	98.82	50.89	
5676	48.1	7.8	98.81	50.71	
5677	44.86	0	98.96	54.1	
5678	44.86	0	98.96	54.1	
5679	45.12	26.89	98.86	53.74	
5680	41.4	0	100.76	59.36	
5681	40.82	0	101.1	60.28	
5682	40.83	0	101.1	60.27	
5683	46.6	52.33	98.83	52.23	
5684	48.3	0	98.83	50.53	
5685	45.42	190.24	98.86	53.44	
5686	46.29	15.36	98.78	52.49	
5687	47.48	0	98.82	51.34	
5688	47.38	5.67	98.8	51.42	
5689	47.66	0	98.83	51.17	
5690	48.63	7.93	98.73	50.1	
5691	48.68	0	98.73	50.05	
5692	54.55	0	98.5	43.95	
5693	54.55	3.8	98.5	43.95	
5694	67.75	0	96.23	28.48	
5695	59.75	92.93	96.14	36.39	
5696	70.9	0	96.23	25.33	
5697	67.23	834.95	96.95	29.72	
5698	67.23	85.47	96.96	29.73	
5699	66.76	83.92	97.56	30.8	
5700	66.76	43.7	97.56	30.8	
5701	54.05	9.15	97.64	43.59	
5702	53.72	0	97.64	43.92	
5703	55.94	4.07	97.6	41.66	
5704	55.64	1209.49	98.18	42.54	
5705	65.91	418.7	98.44	32.53	
5706	52.25	28.73	98.44	46.19	
5707	46.91	129.16	98.64	51.73	
5708	55.52	34.32	98.67	43.15	
5709	56.17	2013.67	97.19	41.02	
5710	45.45	163.72	98.05	52.6	
5711	53.9	33.07	99.24	45.34	
5712	53.49	59.43	99.15	45.66	
5713	53.32	0	98.02	44.7	
5714	57.56	234.82	97.69	40.13	
5715	47.84	20.26	98.89	51.05	
5716	57.76	0	98.78	41.02	
5717	56.29	23.71	99.49	43.2	
5718	62.89	384.46	98.59	35.7	
5719	60.38	5.14	98.58	38.2	
5720	62.92	104	98.58	35.66	
5721	63.67	19.99	98.58	34.91	
5722	63.24	2.8	98.58	35.34	
5723	64.43	6.94	98.58	34.15	
5724	65.58	3.64	98.58	33	
5725	60.94	1.16	98.55	37.61	
5726	80.23	42.86	98.46	18.23	
5727	72.12	4.52	98.51	26.39	
5728	63.51	6.92	98.55	35.04	
5729	61.29	3.81	98.58	37.29	
5730	56.15	0.88	97.8	41.65	
5731	59	6.82	97.8	38.8	
5732	58.17	2.67	99.39	41.22	
5733	57.8	0.4	98.89	41.09	
5734	59.66	1.79	99.49	39.83	
5735	75.12	28.91	96.88	21.76	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
5736	73.27	2.4	96.88	23.61	
5737	64.1	18.42	96.1	32	
5738	66.94	3.84	96.1	29.16	
5739	59.55	0	97.32	37.77	
5740	59.55	0	97.3	37.75	
5741	59.61	0	97.3	37.69	
5742	59.51	0	97.29	37.78	
5743	60.15	38.39	97.24	37.09	
5744	66.57	80.8	97.42	30.85	
5745	59.09	0	97.46	38.37	
5746	69.29	32.53	97.48	28.19	
5747	58.25	57.91	97.49	39.24	
5748	85.05	47.39	135.36	50.31	
5749	62.52	71.59	135.36	72.84	
5750	67.82	0.29	135.36	67.54	
5751	65.23	265.52	135.39	70.16	
5752	66.86	0	99.96	33.1	
5753	61.23	190.37	99.89	38.66	
5754	71.55	18.03	99.95	28.4	
5755	67.22	0	99.96	32.74	
5756	57.47	20.72	100.03	42.56	
5757	57.47	0	100.04	42.57	
5758	56.8	63.47	100.03	43.23	
5759	56.69	0	100.1	43.41	
5760	52.69	15.39	99.92	47.23	
5761	53.12	17.36	99.92	46.8	
5762	54.21	11.59	99.97	45.76	
5763	55.91	12.97	99.98	44.07	
5764	54.24	170.57	100.08	45.84	
5765	50.91	253.1	99.85	48.94	
5766	45.29	20.9	100.01	54.72	
5767	45.29	0	100.01	54.72	
5768	45.64	93.66	99.43	53.79	
5769	45.42	0	99.67	54.25	
5770	46.58	224.9	99.22	52.64	
5771	46.58	91.68	99.22	52.64	
5772	54.54	0	98.79	44.25	
5773	54.28	1409.15	98.47	44.19	
5774	56.16	583.27	98.78	42.62	
5775	56.5	618.63	98.79	42.29	
5776	58.37	40.93	98.76	40.39	
5777	48.25	137.31	101.91	53.66	
5778	47.48	0	101.87	54.39	
5779	83.1	9.15	101	17.9	
5780	57.65	13.12	101.81	44.16	
5781	56.35	18.07	101.6	45.25	
5782	70.72	63.79	102.72	32	
5783	72.58	0	102.69	30.11	
5784	80.47	12.47	104.11	23.64	
5785	81.3	0	104.11	22.81	
5786	87.06	0	104.11	17.05	
5787	78.61	465.86	98.71	20.1	
5788	68.56	61.31	98.7	30.14	
5789	64.51	1022.82	98.7	34.19	
5790	87.34	108.74	105.27	17.93	
5791	70.42	18.63	105.22	34.8	
5792	45.83	37.33	101.05	55.22	
5793	46.13	39.25	101.21	55.08	
5794	45.96	0	101.22	55.26	
5795	42.72	1331.78	97.95	55.23	
5796	42.69	69.24	98.08	55.39	
5797	43.12	0	98.41	55.29	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
5798	43.12	1.06	98.41	55.29	
5799	41.88	73.57	99.89	58.01	
5800	41.82	0	100.03	58.21	
5801	41.82	23.2	100.02	58.2	
5802	41.82	0	100.03	58.21	
5803	62.82	758.19	98.56	35.74	
5804	62.49	5.14	98.54	36.05	
5805	49.31	1010.44	98.19	48.88	
5806	48.7	870.63	98.19	49.49	
5807	43.62	1940.05	78.05	34.43	
5808	43.84	0	98.78	54.94	
5809	43.84	644.75	98.78	54.94	
5810	41.85	0	95.71	53.86	
5811	40.17	93.95	96.95	56.78	
5812	40.6	761.76	98.51	57.91	
5813	39.56	804.56	98.55	58.99	
5814	39.65	758.19	98.61	58.96	
5815	37.44	2211.05	98.78	61.34	
5816	43.41	0	98.78	55.37	
5817	35.82	0	99.02	63.2	
5818	40.24	0	99.13	58.89	
5819	33.57	68.28	76.09	42.52	
5820	33.62	40.79	76.07	42.45	
5821	33.16	40.78	75.71	42.55	
5822	64.76	14.22	97.98	33.22	
5823	63.4	33.17	98.83	35.43	
5824	50.9	29.99	98.87	47.97	
5825	55.85	15.82	98.87	43.02	
5826	69.3	17.77	98.52	29.22	
5827	69.14	19.68	98.69	29.55	
5828	46.67	135.99	98.44	51.77	
5829	65.06	94.05	96.23	31.17	
5830	68.52	89.19	96.16	27.64	
5831	59.19	16.28	96.14	36.95	
5832	64.71	35.39	96.2	31.49	
5833	64.71	32.39	96.2	31.49	
5834	59.92	65.1	96.15	36.23	
5835	61.55	73.2	96.17	34.62	
5836	53.1	21.95	96.15	43.05	
5837	52.57	45.13	96.15	43.58	
5838	50.46	15.99	96.13	45.67	
5839	50.35	17.74	96.13	45.78	
5840	51.77	66.95	96.13	44.36	
5841	53.18	166.06	96.13	42.95	
5842	58.53	49.28	96.13	37.6	
5843	61.41	10.63	96.17	34.76	
5844	60.36	51.54	96.16	35.8	
5845	61.41	49.42	96.12	34.71	
5846	58.24	13.45	96.15	37.91	
5847	59.43	31.38	96.14	36.71	
5848	59.59	13.48	96.14	36.55	
5849	58.45	87.04	96.13	37.68	
5850	52.18	23.79	96.13	43.95	
5851	51.1	27.37	96.13	45.03	
5852	56.55	15.6	96.13	39.58	
5853	50.46	20.04	96.14	45.68	
5854	53.08	31.51	96.14	43.06	
5855	56.1	9.82	96.15	40.05	
5856	51.29	136.34	96.13	44.84	
5857	52.2	97.64	96.13	43.93	
5858	52.62	59.15	96.13	43.51	
5859	52.26	35.32	96.13	43.87	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	자반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
5860	56.5	92.17	96.14	39.64	
5861	58.24	16.49	96.15	37.91	
5862	57.47	36.71	96.14	38.67	
5863	98.6	302.23	139.21	40.61	
5865	92.78	122.13	134.45	41.67	
5866	69.54	0	97.86	28.32	
5867	64.88	76.11	97.82	32.94	
5868	58.87	0	98.21	39.34	
5869	58.87	0	98.21	39.34	
5870	80.23	0	122.91	42.68	
5871	67.28	10.07	122.86	55.58	
5872	110.22	411.78	197.94	87.72	
5873	75.23	0	96.97	21.74	
5874	42.08	13.04	99.91	57.83	
5875	83.52	27.45	101.15	17.63	
5876	64.21	35.58	100.43	36.22	
5877	59.55	19.64	96.06	36.51	
5878	67.83	36.27	168.75	100.92	
5879	77.34	64.01	168.8	91.46	
5880	81.29	38.96	166.78	85.49	
5881	94.79	12.2	163.08	68.29	
5882	67.7	22.17	98.4	30.7	
5883	61.46	129.23	111.19	49.73	
5884	60.48	9.75	96.07	35.59	
5885	62.38	14.22	96.06	33.68	
5886	69.87	76.72	133.37	63.5	
5887	89.92	110.5	131.58	41.66	
5888	73.72	108.71	95.9	22.18	
5889	76.05	28.44	111.16	35.11	
5890	110.52	4.55	188.33	77.81	
5891	100.97	19.01	188.32	87.35	
5892	54.19	5.47	91.34	37.15	
5893	57.86	12.19	100.33	42.47	
5894	84.51	64.35	131.63	47.12	
5895	95.92	7.86	131.67	35.75	
5896	80.88	6.81	133.37	52.49	
5897	78.24	22.3	133.37	55.13	
5898	74.76	66.67	132.95	58.19	
5899	75.94	11.29	132.94	57	
5900	78.12	72.25	132.94	54.82	
5901	76.14	91.68	132.94	56.8	
5902	87.86	108.92	132.72	44.86	
5903	70.68	7.25	132.42	61.74	
5904	70.05	82.01	95.91	25.86	
5905	75.51	3.59	131.45	55.94	
5906	79.36	8.73	131.45	52.09	
5907	94.56	17.31	131.44	36.88	
5908	68.52	29.32	95.92	27.4	
5909	68.2	41.09	95.92	27.72	
5910	73.53	33.57	95.92	22.39	
5911	73.4	15.66	133.07	59.67	
5912	73.53	5.1	95.86	22.33	
5913	72.7	7.83	133.4	60.7	
5914	74.25	0	95.91	21.66	
5915	74.25	5.51	95.91	21.66	
5916	73.63	21.26	133.47	59.84	
5917	70.54	43.03	95.91	25.37	
5918	70.88	62.6	133.38	62.5	
5919	70.59	24.51	95.91	25.32	
5920	72.45	32.47	133.37	60.92	
5921	69.89	49.89	95.91	26.02	
5922	70.88	31.04	133.37	62.49	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
5923	69.37	15.7	95.92	26.55	
5924	69.19	35.72	95.92	26.73	
5925	70.71	235.15	131.38	60.67	
5926	78.05	21.73	131.89	53.84	
5927	68.85	10.21	96.03	27.18	
5928	77.4	12.61	131.91	54.51	
5929	77.4	0	131.91	54.51	
5930	75.23	74.51	96.03	20.8	
5931	68.12	30.32	96.03	27.91	
5932	67.55	27.89	96.03	28.48	
5933	76.72	28.66	131.8	55.08	
5934	84.92	25.19	131.75	46.83	
5935	66.66	32.95	96.03	29.37	
5936	68.52	5.51	96.03	27.51	
5937	69.58	4.68	131.72	62.14	
5938	68.52	0	131.77	63.25	
5939	70.34	46.74	131.7	61.36	
5940	66.38	17.69	131.69	65.31	
5941	85.08	20.89	131.68	46.6	
5942	65.52	67.35	96.03	30.51	
5943	76.37	7.01	96.06	19.69	
5944	83.76	28.57	131.65	47.89	
5945	68.11	19.5	131.68	63.57	
5946	67.06	3.28	95.99	28.93	
5947	72.5	48.51	111.18	38.68	
5948	66.38	10.33	95.99	29.61	
5949	64.34	21.42	95.99	31.65	
5950	72.75	23.82	111.21	38.46	
5951	66.62	2.87	111.21	44.59	
5952	64.48	5.9	111.21	46.73	
5953	64.13	4.28	95.99	31.86	
5954	64.13	12.05	95.99	31.86	
5955	75.13	23.03	111.23	36.1	
5956	66.26	18.68	95.93	29.67	
5957	72.05	13.14	111.23	39.18	
5958	65.37	14.79	95.93	30.56	
5959	69.27	9	111.25	41.98	
5960	69.42	5.23	111.25	41.83	
5961	65.43	19	95.93	30.5	
5962	65.61	30.1	111.2	45.59	
5963	62.78	0	95.93	33.15	
5964	61.9	4.38	95.93	34.03	
5965	65.06	18.05	111.19	46.13	
5966	62.29	16.18	111.19	48.9	
5967	61.28	6.19	95.95	34.67	
5968	61.37	141.8	111.19	49.82	
5969	61.13	21.41	111.19	50.06	
5970	62.73	7.25	96.06	33.33	
5971	64.05	27.01	96.05	32	
5972	65.05	0	96.04	30.99	
5973	65.72	45.59	96.03	30.31	
5974	65.93	5.54	96.03	30.1	
5975	65.88	5.55	96.02	30.14	
5977	71.83	55.12	101.01	29.18	
5978	69.81	33.29	101	31.19	
5979	69.2	6.96	101	31.8	
5980	66.5	53.18	101.01	34.51	
5981	74.55	26.54	101.06	26.51	
5982	100.76	198.73	166.77	66.01	
5983	88.39	4.76	166.93	78.54	
5984	87.92	24.71	166.93	79.01	
5985	86.31	3.03	166.93	80.62	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
5986	79.86	2.8	96.73	16.87	
5987	85.5	27.71	166.93	81.43	
5988	83.66	7.95	166.94	83.28	
5989	82.05	21.82	166.94	84.89	
5990	80.66	24.2	166.94	86.28	
5991	78.88	13.57	167.55	88.67	
5992	80.24	0	96.55	16.31	
5993	81.11	30.34	167.6	86.49	
5994	94.78	11.14	163.08	68.3	
5995	91.33	5.12	166.77	75.44	
5996	95.74	7.91	166.77	71.03	
5997	83.37	6.42	166.77	83.4	
5998	77.34	3.06	168.77	91.43	
5999	81.34	8.41	168.35	87.01	
6000	84.79	15.58	96.17	11.38	
6001	86.15	52.93	168.18	82.03	
6002	96.39	92.46	168.14	71.75	
6004	152.56	0.29	169.2	16.64	
6005	120.73	8.29	168.18	47.45	
6006	81.26	5.56	168.35	87.09	
6007	78.2	42.17	168.51	90.31	
6008	77.34	8.17	168.6	91.26	
6009	76.9	28.6	168.57	91.67	
6010	75.31	67.53	168.57	93.26	
6011	90.71	57.09	168.44	77.73	
6012	84.38	30.81	168.19	83.81	
6013	78.88	87.65	167.35	88.47	
6014	83.66	80.09	166.96	83.3	
6015	93.37	63.18	166.93	73.56	
6016	85.52	18.17	168.76	83.24	
6017	64.25	0	96.28	32.03	
6018	69.37	10.51	96.13	26.76	
6019	71.49	30	168.76	97.27	
6020	73.05	37.32	168.76	95.71	
6021	72.44	32.01	168.75	96.31	
6022	64.85	0	96.29	31.44	
6023	64.47	0	168.57	104.1	
6024	74.4	5.55	96.12	21.72	
6025	64.91	0	168.48	103.57	
6026	66.17	3.72	167.64	101.47	
6027	84.63	6.13	167.6	82.97	
6028	84.63	0	167.64	83.01	
6029	91.63	52.76	168.21	76.58	
6030	78.23	7.86	167.64	89.41	
6031	60.73	12.97	96.07	35.34	
6032	60.61	11.27	96.06	35.45	
6033	60.69	0	96.06	35.37	
6034	62.06	5.72	96.06	34	
6035	60.08	59.95	96.06	35.98	
6036	60.07	18.36	96.06	35.99	
6037	56.81	48.6	99.84	43.03	
6038	54.15	56.66	99.67	45.52	
6039	59.8	2.27	99.65	39.85	
6040	59.26	8.31	99.6	40.34	
6041	54.4	63.47	99.53	45.13	
6042	48.54	75.49	99.73	51.19	
6043	49.24	1.97	99.5	50.26	
6044	48.22	10.98	99.7	51.48	
6045	48.37	3.4	99.79	51.42	
6046	47.59	27.38	100.03	52.44	
6047	47.57	17.36	100.19	52.62	
6048	47.03	206.23	99.48	52.45	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
6049	44.7	0	102.77	58.07	
6050	45.55	32.93	99.33	53.78	
6051	50.3	96.59	99.34	49.04	
6052	63.48	95.08	99.32	35.84	
6053	63.48	67.62	103.39	39.91	
6054	74.43	126.92	99.34	24.91	
6055	70.5	66.25	99.41	28.91	
6056	63.94	230.72	98.61	34.67	
6057	72.12	27.26	98.61	26.49	
6058	77.81	216.32	98.62	20.81	
6059	67.77	30.86	98.62	30.85	
6060	62.66	20.54	98.62	35.96	
6061	60.8	27.49	98.62	37.82	
6062	70.06	7.16	98.61	28.55	
6063	64.62	58.34	98.59	33.97	
6064	61.66	28.52	98.59	36.93	
6065	63.35	6.82	98.58	35.23	
6066	58.31	30.99	98.55	40.24	
6067	67.55	45.42	98.53	30.98	
6068	68.22	9.14	98.53	30.31	
6069	63.46	74.06	98.54	35.08	
6070	54.37	9.46	99.03	44.66	
6071	54.54	16.61	98.99	44.45	
6072	54.43	21.33	98.94	44.51	
6073	54.43	26.44	98.94	44.51	
6074	54.66	25.23	98.81	44.15	
6075	55.43	20.26	98.81	43.38	
6076	55.52	0	98.79	43.27	
6077	55.66	0	98.79	43.13	
6078	55.66	41.71	98.58	42.92	
6079	58.31	63.62	98.66	40.35	
6080	56.07	13.67	98.78	42.71	
6081	56.07	43.87	98.72	42.65	
6082	62.51	18.56	98.62	36.11	
6083	61.39	57.36	98.6	37.21	
6084	63.76	8.19	98.58	34.82	
6085	64.94	13.71	98.56	33.62	
6086	66.62	18.92	98.56	31.94	
6087	89.43	238.73	134.63	45.2	
6088	70.62	0	99.73	29.11	
6089	70.43	0	99.72	29.29	
6090	69.78	0	135.7	65.92	
6091	69.52	209.76	99.71	30.19	
6092	84.46	206.68	98.34	13.88	
6093	84.74	19.99	135.59	50.85	
6094	84.65	33.76	135.58	50.93	
6095	88.94	43.96	135.66	46.72	
6096	83.24	54.64	135.69	52.45	
6097	97.12	23.96	135.65	38.53	
6098	97.8	23.76	135.65	37.85	
6099	87.71	1.69	99.67	11.96	
6100	98.38	22.04	135.64	37.26	
6101	99.12	22.57	135.64	36.52	
6102	97.22	44.61	135.63	38.41	
6103	69.78	0	135.7	65.92	
6104	80.91	105.6	134.63	53.72	
6105	75.13	6.65	134.63	59.5	
6106	74.49	0	134.63	60.14	
6107	76.39	14.57	134.63	58.24	
6108	58.5	32.58	134.64	76.14	
6109	74.47	29.32	134.7	60.23	
6110	74.91	33.82	134.68	59.77	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
6111	74.91	19.43	134.64	59.73	
6112	89.86	78.08	139.01	49.15	
6113	88.4	287.02	138.85	50.45	
6114	82.21	94.56	138.87	56.66	
6115	83.11	49.66	99.88	16.77	
6116	83.79	47.44	134.79	51	
6117	73.6	99.85	99.95	26.35	
6118	75.11	79.14	99.97	24.86	
6119	75.5	63.85	134.65	59.15	
6120	77.62	15.64	136.22	58.6	
6121	78.61	114.7	136.21	57.6	
6122	77.36	50.7	100	22.64	
6123	72.38	60.63	100.02	27.64	
6124	72.63	72.2	137	64.37	
6125	68.45	111.35	100.04	31.59	
6126	83.88	16.52	137.58	53.7	
6127	79.28	21.29	100.08	20.8	
6128	73.91	0	99.96	26.05	
6129	87.86	85.68	137.48	49.62	
6130	84.93	118.83	135.57	50.64	
6131	75.66	68.11	100.12	24.46	
6132	78.82	45.1	100.13	21.31	
6133	72.45	47.44	100.17	27.72	
6134	77.72	18.25	135.57	57.85	
6135	68.91	2.03	99.91	31	
6136	70.69	4.94	100.03	29.34	
6137	74.12	82.21	100.03	25.91	
6138	74.2	54.61	100.04	25.84	
6139	73.83	49.12	100.06	26.23	
6140	68.31	0	100.08	31.77	
6141	68.31	50.37	100.08	31.77	
6142	75.17	0	100.11	24.94	
6143	64.91	22.35	100.23	35.32	
6144	58.79	170.01	99.79	41	
6145	64.45	47.68	100.05	35.6	
6146	62.19	190.33	105.13	42.94	
6147	68.44	88.96	101.85	33.41	
6148	86.59	26.06	104.65	18.06	
6149	86.13	0	104.7	18.57	
6150	83.82	12.41	104.8	20.98	
6151	84.14	58.05	104.77	20.63	
6152	83.52	32.97	101.44	17.92	
6153	40.84	1264.53	98.61	57.77	
6154	53.73	24.5	98.96	45.23	
6155	57.01	28.29	99.18	42.17	
6156	49.12	43.19	99.57	50.45	
6157	47.5	31.66	98.82	51.32	
6158	61.82	37.91	96.85	35.03	
6159	64.29	40.74	96.85	32.56	
6160	68.86	67.68	96.85	27.99	
6161	71.16	1784.63	96.86	25.7	
6162	66.22	2052.14	96.93	30.71	
6163	65.1	0	97.09	31.99	
6164	65.1	0	97.09	31.99	
6165	75.52	0	122.8	47.28	
6166	78.51	1.47	122.8	44.29	
6167	79.78	0.11	122.8	43.02	
6168	80.92	5.48	122.8	41.88	
6169	82.42	0	122.8	40.38	
6170	84.07	11.17	122.79	38.72	
6171	80.97	5.08	122.79	41.82	
6172	80.94	21.93	122.79	41.85	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
6173	82.35	14.75	122.79	40.44	
6174	82.24	4.66	122.79	40.55	
6175	86.36	0.26	122.79	36.43	
6176	85.87	0.26	122.79	36.92	
6177	86.18	0.26	122.79	36.61	
6178	84.35	2.61	122.79	38.44	
6179	86.32	3.02	122.79	36.47	
6180	86.12	9.86	122.8	36.68	
6181	85.49	6.02	122.8	37.31	
6182	85.13	3.3	122.8	37.67	
6183	86.92	8.81	122.8	35.88	
6184	85.11	17.77	122.8	37.69	
6185	67.92	0	96.86	28.94	
6186	68.06	0	96.87	28.81	
6187	68.94	0	96.88	27.94	
6188	69.23	0	96.91	27.68	
6189	71.61	67.4	122.91	51.3	
6190	95.45	156.36	122.77	27.32	
6191	86.37	0.81	122.97	36.6	
6192	86.37	0	177.48	91.11	
6193	81.22	0	122.92	41.7	
6194	66.34	0	97.08	30.74	
6195	63.8	4.33	97.07	33.27	
6196	64.71	29.05	97.06	32.35	
6197	64.7	22.66	97.05	32.35	
6198	64.92	1116.08	97.05	32.13	
6199	64.93	5.21	97.07	32.14	
6200	59.1	0	97.43	38.33	
6201	58.89	0	97.46	38.57	
6202	65.14	3.06	97.21	32.07	
6203	65.61	24.16	97.21	31.6	
6204	62.29	46.63	97.21	34.92	
6205	60.76	46.62	97.07	36.31	
6206	61.32	26.22	97.06	35.74	
6207	62.17	19.09	97.06	34.89	
6208	63.21	56.11	97.05	33.84	
6209	63.3	78.3	97.08	33.78	
6210	70.86	19.42	197.93	127.07	
6211	112.36	239.21	197.92	85.56	
6212	116.59	18.55	197.92	81.33	
6213	110.22	0	197.94	87.72	
6214	61.41	81.02	96.17	34.76	
6215	61.26	41.28	96.16	34.9	
6216	58.74	65.7	96.15	37.41	
6217	58.25	15.93	96.15	37.9	
6218	57.06	8.29	96.14	39.08	
6219	57.56	54.67	96.13	38.57	
6220	61.66	8.2	96.18	34.52	
6221	71.36	67.31	95.86	24.5	
6222	77.44	3.3	197.93	120.49	
6223	74.2	9.75	95.91	21.71	
6224	71.47	26.48	95.9	24.43	
6225	72.79	24.08	95.91	23.12	
6226	73.1	10.63	95.91	22.81	
6227	70.94	6.71	95.92	24.98	
6228	76.46	38.48	197.93	121.47	
6229	69.46	82.35	95.91	26.45	
6230	69.93	6.42	198.66	128.73	
6231	61.26	0	98.2	36.94	
6232	107.65	0	264.06	156.41	
6233	112.93	0	264.06	151.13	
6234	79.63	2.04	125.15	45.52	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
6235	60.05	0.84	96.08	36.03	
6236	60.25	31.57	96.08	35.83	
6237	59.22	3.77	96.08	36.86	
6238	58.1	31.87	96.08	37.98	
6239	59.22	3.26	96.08	36.86	
6240	39.77	1516.38	98.77	59	
6241	39.97	9.24	98.2	58.23	
6242	51.27	110.2	99.93	48.66	
6243	51.24	36.18	99.83	48.59	
6244	73.53	23.38	97.34	23.81	
6245	74.19	38.45	97.31	23.12	
6246	73.42	0	262.92	189.5	
6247	73.66	0	262.92	189.26	
6248	39.88	510.26	96.93	57.05	
6249	76.91	1010.18	94.39	17.48	
6250	82.14	19.39	131.8	49.66	
6251	47.49	66.03	88.4	40.91	
6252	51.66	13.82	91.41	39.75	
6253	57.52	59.86	91.72	34.2	
6254	80.46	54.92	123.39	42.93	
6255	79.53	42.17	123.38	43.85	
6256	68.94	15.16	123.37	54.43	
6257	78.33	44.32	123.39	45.06	
6258	83.62	42.41	144.61	60.99	
6259	86.31	42.79	144.73	58.42	
6260	79.55	80.9	145.04	65.49	
6261	95.62	79.24	145.12	49.5	
6262	97.5	66.77	145.24	47.74	
6263	79.39	0	145.49	66.1	
6264	80.33	0	145.49	65.16	
6265	76.11	79.17	145.47	69.36	
6266	79.25	11.32	145.48	66.23	
6267	80.19	41.94	145.49	65.3	
6268	95.62	0	145.04	49.42	
6269	84.58	11.42	144.75	60.17	
6270	83.29	2.82	145.04	61.75	
6271	84.66	0	119.04	34.38	
6272	74.6	3.26	96.88	22.28	
6273	65.47	51.08	97.32	31.85	
6274	64.29	23.83	97.32	33.03	
6275	66.13	55.35	97.32	31.19	
6276	65.05	0	97.33	32.28	
6277	71.4	24.29	97.33	25.93	
6278	71.48	72.46	97.32	25.84	
6279	72.58	47.17	97.31	24.73	
6280	69.1	69.07	97.31	28.21	
6281	70.68	27.45	97.31	26.63	
6282	72.35	30.98	97.31	24.96	
6283	69.16	64.55	97.31	28.15	
6284	70.19	48.35	97.31	27.12	
6285	74.65	64.46	97.56	22.91	
6286	77.88	26.75	97.4	19.52	
6287	74.57	22.13	97.36	22.79	
6288	77.79	7.97	97.36	19.57	
6289	76.47	24.87	97.35	20.88	
6290	75.17	10.16	97.36	22.19	
6291	78.8	25.2	97.37	18.57	
6292	78.2	2.2	97.4	19.2	
6293	79.58	31.01	97.4	17.82	
6294	78.51	14.43	97.35	18.84	
6295	79.34	17.74	97.36	18.02	
6296	76.12	20.09	97.35	21.23	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
6297	77.1	24.29	97.35	20.25	
6298	75.55	38.59	97.35	21.8	
6299	75.08	5.94	97.35	22.27	
6300	74.22	16.31	97.35	23.13	
6301	78.85	11.35	97.36	18.51	
6302	76.64	4.52	97.35	20.71	
6303	74.95	13.37	97.33	22.38	
6304	76.55	23.1	97.34	20.79	
6305	77.56	47.08	97.34	19.78	
6306	72.6	35.84	97.33	24.73	
6307	71.76	38.43	97.32	25.56	
6308	70.85	194.1	97.32	26.47	
6309	67.79	19.85	97.32	29.53	
6310	73.28	75.54	97.32	24.04	
6311	61.1	403.65	97.4	36.3	
6312	61.32	64.46	97.33	36.01	
6313	60.71	35.24	97.33	36.62	
6314	58.75	115.5	97.44	38.69	
6315	55.46	17	97.73	42.27	
6316	52.74	0.23	97.89	45.15	
6317	70.5	1942.81	110.54	40.04	
6318	66.31	8.81	122.46	56.15	
6319	59.48	0	122.77	63.29	
6320	82.89	0.22	122.79	39.9	
6321	82.43	4.94	122.8	40.37	
6322	83.13	2.16	122.8	39.67	
6323	83.67	47.7	122.8	39.13	
6324	82.66	3.02	122.8	40.14	
6325	82.06	27.81	122.8	40.74	
6326	83.51	19.16	122.79	39.28	
6327	76.66	31.49	96.91	20.25	
6328	77.13	27.81	96.91	19.78	
6329	77.45	0.28	96.9	19.45	
6330	77.45	0.58	96.9	19.45	
6331	78.24	33.39	96.89	18.65	
6332	80.08	1.01	96.91	16.83	
6333	82.42	11.17	96.91	14.49	
6334	75.1	14.42	96.89	21.79	
6335	82.58	0.61	96.91	14.33	
6336	75.44	22.6	96.89	21.45	
6337	82.84	4.38	96.91	14.07	
6338	76.75	6.25	96.89	20.14	
6339	72.43	4.32	96.88	24.45	
6340	74.3	3.29	96.88	22.58	
6341	75.43	8.41	96.89	21.46	
6342	82.84	24.47	96.91	14.07	
6343	82.42	2.98	96.91	14.49	
6344	80.44	15.36	96.91	16.47	
6345	80.44	3.18	96.91	16.47	
6346	81.89	3.38	96.91	15.02	
6347	79.29	35.33	96.91	17.62	
6348	80.87	3.38	96.91	16.04	
6349	80.68	1.91	96.91	16.23	
6350	79.47	18.09	96.91	17.44	
6351	73.83	11.2	96.92	23.09	
6352	78.24	50.97	96.91	18.67	
6353	73.71	1.98	96.92	23.21	
6354	79.66	9.62	96.91	17.25	
6355	74.66	46.31	96.91	22.25	
6356	73.88	2.54	96.91	23.03	
6357	74.92	9.03	96.91	21.99	
6358	75.96	0	96.91	20.95	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
6359	70.69	20.02	96.91	26.22	
6360	70.68	12.49	96.92	26.24	
6361	70.72	9.99	96.92	26.2	
6362	69.9	19.79	96.92	27.02	
6363	74.52	4.23	96.89	22.37	
6364	72.74	11.6	96.9	24.16	
6365	76.73	0.12	96.89	20.16	
6366	74.16	11.4	96.9	22.74	
6367	76.48	1.71	96.89	20.41	
6368	75.96	5.11	96.9	20.94	
6369	75.73	3.46	96.88	21.15	
6370	74.39	3.58	96.88	22.49	
6371	70.69	2.74	96.9	26.21	
6372	68.53	34.28	96.9	28.37	
6373	72.74	7.76	96.9	24.16	
6374	70.43	10.85	96.9	26.47	
6375	69.11	0.74	96.9	27.79	
6376	65.64	1.95	96.9	31.26	
6377	73.45	10.87	96.9	23.45	
6378	70.77	1.7	96.9	26.13	
6379	69.96	15.64	96.89	26.93	
6380	68.41	0.42	96.89	28.48	
6381	70.58	1.21	96.89	26.31	
6382	68.41	7.76	96.89	28.48	
6383	71.79	2.07	96.89	25.1	
6384	74.52	12.72	96.89	22.37	
6385	71.69	3.08	96.88	25.19	
6386	65.93	1.73	96.88	30.95	
6387	74.8	3.89	96.88	22.08	
6388	70.1	57.41	96.92	26.82	
6389	69.2	19.16	96.91	27.71	
6390	68.78	9.91	96.91	28.13	
6391	69.06	13.57	96.9	27.84	
6392	68.84	17.59	96.89	28.05	
6393	68.48	9.29	96.9	28.42	
6394	68.48	3.44	96.89	28.41	
6395	68.76	16.5	96.88	28.12	
6396	68.44	11.17	96.88	28.44	
6397	68.6	8.14	96.9	28.3	
6398	68.46	2.28	96.9	28.44	
6399	68.62	12.72	96.9	28.28	
6400	68.54	6.48	96.9	28.36	
6401	69.28	11.66	96.9	27.62	
6402	69.94	13.48	96.94	27	
6403	70.9	39.37	96.89	25.99	
6404	70.1	9.57	96.93	26.83	
6405	68.27	75.82	97.05	28.78	
6406	68.46	151.64	96.49	28.03	
6407	68.52	9.84	96.5	27.98	
6408	68.95	6.66	96.49	27.54	
6409	68.91	0.85	96.49	27.58	
6410	67.63	48.89	96.4	28.77	
6411	63.67	17.15	97.08	33.41	
6412	65.25	53.43	97.07	31.82	
6413	68.51	2390.5	92.45	23.94	
6414	68.74	1286.56	97.05	28.31	
6415	68.6	993.07	97.03	28.43	
6416	63.45	25.83	97.06	33.61	
6417	63.32	6.08	97.07	33.75	
6418	63.31	26.11	97.04	33.73	
6419	63.27	115.55	97.06	33.79	
6420	63.34	59.96	97.07	33.73	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
6421	63.32	34.42	97.07	33.75	
6422	63.32	38.04	97.07	33.75	
6423	63.54	41.84	97.07	33.53	
6424	63.64	35.99	97.08	33.44	
6425	63.35	1149.93	96.97	33.62	
6426	63.38	31.11	97.07	33.69	
6427	63.37	25.87	97.04	33.67	
6428	63.34	15.1	97.01	33.67	
6429	60.94	22.24	97.08	36.14	
6430	60.35	6.39	97.11	36.76	
6431	61.42	27.24	97.07	35.65	
6432	61.14	17.79	97.07	35.93	
6433	60.84	21.6	97.08	36.24	
6434	62.06	41.93	97.06	35	
6435	61.51	10.4	97.07	35.56	
6436	62.69	18.56	97.06	34.37	
6437	62.55	24.34	97.06	34.51	
6438	62.29	16.2	97.06	34.77	
6439	62.1	11.92	97.06	34.96	
6440	63.06	24.25	97.05	33.99	
6441	60.44	62.26	97.08	36.64	
6442	60.92	29.16	97.09	36.17	
6443	60.9	37.56	97.1	36.2	
6444	63.16	19.74	97.05	33.89	
6445	63.12	6.17	97.02	33.9	
6446	63.17	1.54	97.08	33.91	
6447	62.23	22.9	97.1	34.87	
6448	62.45	115.48	97.11	34.66	
6449	63.17	42.41	97.09	33.92	
6450	62.94	27.85	97.08	34.14	
6451	62.69	6.82	97.08	34.39	
6452	62.55	15.69	97.08	34.53	
6453	63.11	0.48	97.08	33.97	
6454	63.15	4.02	97.08	33.93	
6455	62.92	52.04	97.08	34.16	
6456	63.45	30.73	97.12	33.67	
6457	62.46	33.31	97.16	34.7	
6458	64.48	15.26	97.11	32.63	
6459	64.55	34.04	97.11	32.56	
6460	62.33	13.12	97.2	34.87	
6461	60.66	1052.28	97.21	36.55	
6462	65.12	44.14	97.19	32.07	
6463	65.82	908.92	97.08	31.26	
6464	66.19	45.52	97.21	31.02	
6465	64.73	9.19	97.05	32.32	
6466	69.68	13.21	96.92	27.24	
6467	69.89	101.53	96.94	27.05	
6468	71.07	20.35	96.93	25.86	
6469	71.14	19.16	96.93	25.79	
6470	70.68	28.91	96.92	26.24	
6471	78.35	25.42	96.92	18.57	
6472	73.41	47.46	96.93	23.52	
6473	77.43	25.23	96.92	19.49	
6474	69.78	27.81	96.92	27.14	
6475	70.23	39.37	96.92	26.69	
6476	70.91	29.67	96.92	26.01	
6477	69.41	20.14	96.92	27.51	
6478	78.08	42.19	96.92	18.84	
6479	77.79	23.87	96.92	19.13	
6480	77.7	22.39	96.92	19.22	
6481	103.7	0.75	178.46	74.76	
6482	100.25	0	264.21	163.96	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
6483	95.82	1.69	264.21	168.39	
6484	105.47	20.4	264.02	158.55	
6485	105.84	1.11	263.79	157.95	
6486	124.45	1.95	263.79	139.34	
6487	101.79	18.42	263.31	161.52	
6488	144.47	7.65	263.19	118.72	
6489	123.79	32.75	263.08	139.29	
6490	102.44	0.59	263.19	160.75	
6491	103.7	25.42	263.17	159.47	
6492	100.41	19.51	263.15	162.74	
6493	107.54	36.09	263.14	155.6	
6494	111.53	33.76	262.99	151.46	
6495	112.35	16.96	262.98	150.63	
6496	93.24	12.33	263.25	170.01	
6497	88.1	1.47	263.25	175.15	
6498	72.84	0.29	262.92	190.08	
6499	80.56	9.84	262.92	182.36	
6500	74.11	1.09	262.92	188.81	
6501	74.5	2.82	262.92	188.42	
6502	76.6	0	262.92	186.32	
6503	75.08	0.14	262.92	187.84	
6504	77.28	0	262.92	185.64	
6505	72.55	3.59	262.92	190.37	
6506	72.16	3.59	262.92	190.76	
6507	74.53	1.77	262.92	188.39	
6508	71.6	1.74	262.92	191.32	
6509	75.2	0	262.92	187.72	
6510	71.82	16.23	262.92	191.1	
6511	79.38	0	262.92	183.54	
6512	78.94	2.03	262.92	183.98	
6513	83.45	2.67	262.92	179.47	
6514	71.43	0	262.92	191.49	
6515	71.9	0.39	262.92	191.02	
6516	72.12	17.01	262.93	190.81	
6517	72.16	0	262.92	190.76	
6518	72.58	1.11	262.92	190.34	
6519	72.35	0	262.92	190.57	
6520	72.61	0	262.94	190.33	
6521	84.86	7.33	262.91	178.05	
6522	74.08	0.33	262.92	188.84	
6523	73.81	1.21	262.92	189.11	
6524	71.59	22.37	262.92	191.33	
6525	71.26	0.7	262.92	191.66	
6526	72.58	3.85	262.92	190.34	
6527	77.37	0	262.92	185.55	
6528	78.31	6.19	262.92	184.61	
6529	74.77	4.03	262.92	188.15	
6530	71.48	6.81	262.92	191.44	
6531	78.78	0	262.93	184.15	
6532	69.4	1.59	263.11	193.71	
6533	67.67	2.35	263.11	195.44	
6534	71.41	17.5	262.92	191.51	
6535	95.1	2.34	262.77	167.67	
6536	98.87	7.28	262.77	163.9	
6537	97.24	5.11	262.77	165.53	
6538	97.49	26.99	262.77	165.28	
6539	98.42	2.64	262.77	164.35	
6540	100.93	0	262.77	161.84	
6541	102.46	0	262.77	160.31	
6542	99.86	0.33	262.77	162.91	
6543	101.22	15.24	262.79	161.57	
6544	90.28	2.15	262.79	172.51	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
6545	88.67	0.86	262.84	174.17	
6546	95.19	4.6	262.84	167.65	
6547	82.52	1.28	262.77	180.25	
6548	87.4	5.16	262.77	175.37	
6549	84.9	45.66	262.73	177.83	
6550	86.1	2.67	262.71	176.61	
6551	87.18	0	262.71	175.53	
6553	100.49	1.58	262.73	162.24	
6554	78.87	44.97	262.88	184.01	
6555	97.47	8.82	262.88	165.41	
6556	96.57	22.62	262.83	166.26	
6557	43.93	2.96	99.87	55.94	
6558	43.43	37.52	99.82	56.39	
6559	43.17	27.29	99.81	56.64	
6560	43.21	25.45	99.79	56.58	
6561	43.27	6.19	99.79	56.52	
6562	44.35	1144.85	97.65	53.3	
6563	43.19	68.92	99.71	56.52	
6564	43.87	13.77	99.81	55.94	
6565	43.64	74.14	99.78	56.14	
6566	43.9	55.58	99.73	55.83	
6567	43.6	81.68	99.71	56.11	
6568	43.63	19.32	99.67	56.04	
6569	43.63	8.43	99.66	56.03	
6570	43.65	8.72	99.7	56.05	
6571	44.16	13.07	99.74	55.58	
6572	44.5	1.84	99.76	55.26	
6573	43.18	3.27	99.72	56.54	
6574	43.08	24.99	99.77	56.69	
6575	44.54	4.38	99.77	55.23	
6576	44.45	21.38	99.77	55.32	
6577	44.61	63.66	99.79	55.18	
6578	44.72	25.49	99.82	55.1	
6579	44.5	20.84	99.86	55.36	
6580	44.1	31.79	99.82	55.72	
6581	44.17	69.92	99.85	55.68	
6582	44.26	61.46	99.77	55.51	
6583	44.78	115.12	99.8	55.02	
6584	44.78	24.1	99.8	55.02	
6585	44.87	53.07	99.8	54.93	
6586	44.91	23.67	99.86	54.95	
6587	44.42	44.95	99.89	55.47	
6588	44.43	61.67	99.93	55.5	
6589	45.29	16.71	99.99	54.7	
6590	45.06	13.28	100.1	55.04	
6591	45.06	16.78	99.8	54.74	
6592	44.58	11.3	99.93	55.35	
6593	44.58	12.04	100.17	55.59	
6594	44.48	19.54	99.9	55.42	
6595	44.89	53.63	99.77	54.88	
6596	44.15	41.18	99.8	55.65	
6597	44.85	30.88	99.71	54.86	
6598	44.76	46.19	99.72	54.96	
6599	45.07	105.19	99.69	54.62	
6600	44.83	23.55	99.67	54.84	
6601	45.42	3.59	99.67	54.25	
6602	41.47	925.52	91.27	49.8	
6603	40.74	379.09	97.79	57.05	
6604	41.51	1516.38	98.3	56.79	
6605	42.93	928.54	98.56	55.63	
6606	46.2	28.8	100.87	54.67	
6607	45.7	54.13	100.78	55.08	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
6608	71.39	22.83	104.11	32.72	
6609	67.44	66.13	104.07	36.63	
6610	67.44	14.19	104.11	36.67	
6611	67.72	59.45	104.07	36.35	
6612	70.46	47.79	99.56	29.1	
6613	70.18	80.72	99.31	29.13	
6614	71.41	703.84	96.97	25.56	
6615	68.62	76.82	98.95	30.33	
6616	67.18	151.78	98.65	31.47	
6617	65.04	47.59	99.36	34.32	
6618	64.84	29.32	99.59	34.75	
6619	64.22	55.73	99.46	35.24	
6620	65.17	95.71	99.28	34.11	
6621	65.63	354.9	98.89	33.26	
6622	65.7	60.63	99.21	33.51	
6623	88.11	29.43	122.05	33.94	
6624	70.51	20.29	122.05	51.54	
6625	77.46	0	122.06	44.6	
6626	83.54	0	122.06	38.52	
6627	86.46	0	122.06	35.6	
6628	87.22	97.43	122.06	34.84	
6629	68.5	32.88	99.4	30.9	
6630	72.94	85.68	99.4	26.46	
6631	87.8	58.41	122.05	34.25	
6632	69.08	54.12	99.09	30.01	
6633	76.5	36.37	99.4	22.9	
6634	86.55	42.13	122.05	35.5	
6635	66.6	68.86	98.96	32.36	
6636	73.21	71.05	98.72	25.51	
6637	73.35	109.62	104.11	30.76	
6638	83.39	42.52	98.59	15.2	
6639	80.62	22.34	98.59	17.97	
6640	81.3	5.89	122.06	40.76	
6641	85	0	104.09	19.09	
6642	74.69	33.06	104.11	29.42	
6643	80.22	29.35	121.97	41.75	
6644	81.72	133.35	121.97	40.25	
6645	77.56	149.43	122.06	44.5	
6646	79.07	130.02	122.06	42.99	
6647	84.12	172.36	121.98	37.86	
6648	88.24	168.1	122.05	33.81	
6649	78.24	106.69	122.07	43.83	
6650	80.45	39.86	122.09	41.64	
6651	87.2	55.11	122.05	34.85	
6652	80.48	101.31	121.99	41.51	
6653	82.7	72.38	122.06	39.36	
6654	82.63	50.56	122.09	39.46	
6655	76.89	9.12	122.09	45.2	
6656	82.7	2	122.09	39.39	
6657	86.43	0	122.09	35.66	
6658	82.3	27.24	122.05	39.75	
6659	59.41	55.82	98.69	39.28	
6660	60.52	150.25	98.68	38.16	
6661	65.11	415.25	98.67	33.56	
6662	62.12	127.75	98.63	36.51	
6663	67.25	203.24	98.64	31.39	
6664	63.64	74.43	98.63	34.99	
6665	69.66	164.99	98.64	28.98	
6666	70.44	0	98.75	28.31	
6667	68.07	26.37	98.76	30.69	
6668	67.3	26.17	98.78	31.48	
6669	64.07	45.26	98.67	34.6	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
6670	73.09	9.76	98.73	25.64	
6671	72.45	0	98.74	26.29	
6672	72.52	34.28	98.73	26.21	
6673	72.61	4.94	98.7	26.09	
6674	70.5	60.52	98.68	28.18	
6675	72.19	55.55	98.73	26.54	
6676	73.77	41.9	98.71	24.94	
6677	70.25	51.99	98.71	28.46	
6678	74.93	31.15	98.71	23.78	
6679	73.2	73.25	98.7	25.5	
6680	70.32	20.9	98.71	28.39	
6681	73.58	63.69	98.72	25.14	
6682	65.47	26.02	98.7	33.23	
6683	70.38	177.86	98.43	28.05	
6684	70.75	30.98	98.75	28	
6685	63.18	842.11	98.7	35.52	
6686	65.6	91.27	98.89	33.29	
6687	60.47	31.14	99.53	39.06	
6688	49.45	4.32	99.45	50	
6689	51.66	48.93	99.41	47.75	
6690	56.15	6.17	98.96	42.81	
6691	55.58	72.63	99.07	43.49	
6692	52.4	111.39	99.13	46.73	
6693	57.38	47.78	99.13	41.75	
6694	55.25	20	99.41	44.16	
6695	59.01	116.36	99.21	40.2	
6696	59.32	27.59	99.43	40.11	
6697	80.28	42.84	101.92	21.64	
6698	86.13	34.06	101.15	15.02	
6699	78.43	61.84	100.92	22.49	
6700	78.94	14.58	100.88	21.94	
6701	80.69	25.5	101.03	20.34	
6702	78.48	7.58	101.16	22.68	
6703	80.55	135.02	100.78	20.23	
6704	66.46	12.51	105.16	38.7	
6705	62.19	13.67	100.04	37.85	
6706	60.33	59.21	99.88	39.55	
6707	61.3	84.61	100.04	38.74	
6708	61.25	43.68	100.05	38.8	
6709	66.46	41.22	100.07	33.61	
6710	65.66	35.56	99.88	34.22	
6711	64.64	17.49	99.76	35.12	
6712	54.15	15.34	99.61	45.46	
6713	55.1	4.41	99.67	44.57	
6714	55.1	27.88	99.57	44.47	
6715	61.83	210.08	99.56	37.73	
6716	70.45	74.91	99.56	29.11	
6717	51.98	57.75	99.6	47.62	
6718	52.38	48.14	99.57	47.19	
6719	52.79	157.49	99.52	46.73	
6720	57.24	187.63	99.48	42.24	
6721	60.23	133.76	99.49	39.26	
6722	63.7	164.84	99.47	35.77	
6723	66.63	89.3	99.46	32.83	
6724	61.63	61.84	99.46	37.83	
6725	49.69	45.26	99.53	49.84	
6726	49.76	117.61	99.49	49.73	
6727	53.48	219.36	99.46	45.98	
6728	47.77	275.82	99.52	51.75	
6729	54.98	215.6	99.42	44.44	
6730	56.56	52	99.4	42.84	
6731	52.98	120.75	99.35	46.37	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
6732	66.45	171.79	99.47	33.02	
6733	63.73	133.04	99.43	35.7	
6734	57.58	152.08	99.45	41.87	
6735	48.65	127.24	99.51	50.86	
6736	60.06	32.45	103.5	43.44	
6737	61.39	35.48	103.47	42.08	
6738	60.82	108.86	103.58	42.76	
6739	61.39	101.46	103.54	42.15	
6740	79.4	9.86	103.9	24.5	
6741	71.58	23.15	103.99	32.41	
6742	66.75	40.55	102.58	35.83	
6743	63.2	23.21	103.69	40.49	
6744	61.88	28.26	103.68	41.8	
6745	63.13	51.42	103.7	40.57	
6746	63.94	36.18	103.7	39.76	
6747	63.27	89.97	103.79	40.52	
6748	65.11	72.33	103.72	38.61	
6749	64.47	127.21	103.73	39.26	
6750	64.18	170.62	103.87	39.69	
6751	70.92	0	104.11	33.19	
6752	71.45	0.14	104.07	32.62	
6753	77.6	15.62	104.02	26.42	
6754	63.71	9.76	103.3	39.59	
6755	61.46	35.31	101.96	40.5	
6756	62.9	170.92	103.18	40.28	
6757	69.16	2916.8	101.79	32.63	
6758	60.13	63.14	103.4	43.27	
6759	58.88	41.17	103.32	44.44	
6760	64.68	294.83	103.37	38.69	
6761	65.75	419.11	100.86	35.11	
6762	56.52	484.61	96.03	39.51	
6763	59.59	0	98.79	39.2	
6764	45.92	69.51	100.14	54.22	
6765	45.86	15.71	99.9	54.04	
6766	46.24	118.37	100.17	53.93	
6767	46.08	88.3	100.15	54.07	
6768	46.77	19.17	100.34	53.57	
6769	45.83	230.69	100.13	54.3	
6770	46.93	40.65	100.25	53.32	
6771	47.13	52.97	100.22	53.09	
6772	47.11	47.1	100.22	53.11	
6773	49.17	10.99	100.26	51.09	
6774	48.79	16.96	100.31	51.52	
6775	51.19	12.65	100.34	49.15	
6776	50.48	6.81	100.35	49.87	
6777	48.33	13.43	100.61	52.28	
6778	48.2	84.07	100.57	52.37	
6779	49.94	39.56	100.61	50.67	
6780	46.74	51.99	100.43	53.69	
6781	46.93	35.84	100.51	53.58	
6782	50.22	37.39	100.68	50.46	
6783	52.13	97.14	100.64	48.51	
6784	56.66	101.88	100.58	43.92	
6785	50.37	82.04	100.41	50.04	
6786	50.5	64.38	100.83	50.33	
6787	49.77	6.15	101.12	51.35	
6788	49.65	93.41	100.63	50.98	
6789	52.53	45.55	100.8	48.27	
6790	58.21	34.17	100.88	42.67	
6791	53.92	12.38	101.27	47.35	
6792	57.7	105.83	100.47	42.77	
6793	59.27	35.38	100.5	41.23	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
6794	59.77	31.44	101.42	41.65	
6795	53.42	205.15	101.37	47.95	
6796	48.36	66.1	101.35	52.99	
6797	52.79	1.64	101.41	48.62	
6798	52.66	34.26	101.95	49.29	
6799	55.33	5.07	101.94	46.61	
6800	63.85	42.52	101.93	38.08	
6801	65.52	26.83	101.94	36.42	
6802	62.29	47.68	101.99	39.7	
6803	62.29	17.39	102	39.71	
6804	57.23	44.34	101.89	44.66	
6805	58.9	24.87	101.96	43.06	
6806	63.64	17.14	101.89	38.25	
6807	64.51	20.22	101.95	37.44	
6808	60.77	20.46	102.03	41.26	
6809	64.93	18.94	102.03	37.1	
6810	63.54	23.71	102.07	38.53	
6811	66.39	50.02	102.1	35.71	
6812	66.52	58.61	102.08	35.56	
6813	55.42	7.46	102.2	46.78	
6814	55.32	14.85	102.16	46.84	
6815	71.09	66.11	102.34	31.25	
6816	76.38	1.04	102.34	25.96	
6817	66.75	59.8	102.38	35.63	
6818	66.21	5	102.36	36.15	
6819	63.88	5.61	102.35	38.47	
6820	49.47	22.09	101.31	51.84	
6821	50.16	40.5	101.31	51.15	
6822	48.9	4.27	101.3	52.4	
6823	49.73	18.87	101.3	51.57	
6824	49.47	42.28	101.36	51.89	
6825	49.63	50.74	101.49	51.86	
6826	52.69	37.71	101.36	48.67	
6827	50.46	21.82	101.31	50.85	
6828	50.15	33.07	101.3	51.15	
6829	51.23	79.28	101.3	50.07	
6830	53.85	0	101.29	47.44	
6831	53.15	21.86	101.43	48.28	
6832	53.54	39.53	101.56	48.02	
6833	54.82	17.69	101.55	46.73	
6834	54.63	51.17	101.55	46.92	
6835	58.39	3.54	101.59	43.2	
6836	58.89	3.4	101.51	42.62	
6837	55.45	20.24	101.6	46.15	
6838	55.28	108.18	101.58	46.3	
6839	60.21	82.63	101.97	41.76	
6840	59.33	15.72	101.79	42.46	
6841	63.62	31.53	102.1	38.48	
6842	64.06	78.27	102.21	38.15	
6843	66.84	32.67	102.34	35.5	
6844	65.28	54.73	102.12	36.84	
6845	67.08	39.78	102.34	35.26	
6846	66.63	92.18	102.07	35.44	
6847	64.28	36	102.37	38.09	
6848	67.35	75.24	101.97	34.62	
6849	68.89	75.49	101.94	33.05	
6850	67.26	19.95	102.34	35.08	
6851	65.42	29.03	102.16	36.74	
6852	59.5	9.81	102.42	42.92	
6853	58.3	103.33	102.13	43.83	
6854	59.63	19.49	102.4	42.77	
6855	61.2	76.11	101.97	40.77	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	등수두 (m)	잔류수두 (m)	비고
6856	63.68	26.79	101.95	38.27	
6857	63.18	74.82	101.94	38.76	
6858	55.46	17.29	101.97	46.51	
6859	58.54	1.92	101.92	43.38	
6860	60.1	25.05	101.87	41.77	
6861	47.27	80.84	101.02	53.75	
6862	47.16	64.32	101.06	53.9	
6863	47.88	80.72	101.07	53.19	
6864	47.6	83.78	101.28	53.68	
6865	47.69	150.11	101.54	53.85	
6866	46.56	63.41	100.32	53.76	
6867	46.51	75.41	100.31	53.8	
6868	45.93	54.88	100.45	54.52	
6869	45.75	123.1	100.5	54.75	
6870	45.61	38.21	100.46	54.85	
6871	45.68	68.97	100.39	54.71	
6872	45.29	115	100.35	55.06	
6873	44.52	127.5	100.35	55.83	
6874	44.7	14.72	100.5	55.8	
6875	45.24	142.64	100.3	55.06	
6876	45.13	170.45	100.3	55.17	
6877	45.88	119.11	100.22	54.34	
6878	45.67	11.73	100.13	54.46	
6879	46.33	90.5	100.79	54.46	
6880	45.9	83.81	100.74	54.84	
6881	46.49	35.42	100.98	54.49	
6882	46.28	150.27	100.94	54.66	
6883	46.33	122.19	100.87	54.54	
6884	47.1	148.31	100.83	53.73	
6885	46.17	36.23	100.6	54.43	
6886	46.2	182.48	100.46	54.26	
6887	47.06	278.24	100.94	53.88	
6888	46.3	73.32	100.84	54.54	
6889	45.83	893.54	99.81	53.98	
6890	48.25	123.21	100.96	52.71	
6891	48.32	8.29	101.12	52.8	
6892	48.06	15.02	101.31	53.25	
6893	48.57	40.77	102.07	53.5	
6894	55.18	27.96	102.18	47	
6895	52.15	63.37	101.56	49.41	
6896	52.13	129.55	102.27	50.14	
6897	48.95	35.31	101.68	52.73	
6898	48.86	118.44	101.85	52.99	
6899	47.41	69.4	102.09	54.68	
6900	47.8	57.72	102.1	54.3	
6901	47.64	57.65	101.69	54.05	
6902	47.8	51.54	102.08	54.28	
6903	48.26	46.55	101.71	53.45	
6904	48.29	143.59	102.01	53.72	
6905	48.48	33.54	101.73	53.25	
6906	48.23	76.85	101.96	53.73	
6907	48.53	91.58	101.58	53.05	
6908	46.84	146.01	101.38	54.54	
6909	46.39	19.57	101.22	54.83	
6910	46.46	78.56	101.38	54.92	
6911	77.73	0	102.87	25.14	
6912	77.73	0	102.87	25.14	
6913	77.73	63.47	102.87	25.14	
6914	77.73	18.2	102.86	25.13	
6915	69.94	32.93	102.57	32.63	
6916	73.75	0	102.95	29.2	
6917	72.91	15.37	102.64	29.73	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
6918	91.86	7.18	102.61	10.75	
6919	77.76	39.78	102.56	24.8	
6920	74.11	90.29	102.85	28.74	
6921	72.92	26.49	102.78	29.86	
6922	72.92	0	102.82	29.9	
6923	74.34	27.31	102.74	28.4	
6924	73.91	121.52	102.84	28.93	
6925	74.15	24.24	102.84	28.69	
6926	73.06	42.23	102.67	29.61	
6927	74.92	22.3	102.69	27.77	
6928	63.87	36.95	102.84	38.97	
6929	65.65	79.29	102.68	37.03	
6930	61.86	44.08	102.51	40.65	
6931	65.66	34.22	102.54	36.88	
6932	55.33	75.11	102.42	47.09	
6933	55.9	31.64	102.4	46.5	
6934	58.23	89.25	102.45	44.22	
6935	54.27	81.42	102.44	48.17	
6936	62.32	125.62	102.49	40.17	
6937	72.09	108.45	102.56	30.47	
6938	67.7	72.79	102.55	34.85	
6939	57.89	114.2	102.48	44.59	
6940	56.1	49.6	102.45	46.35	
6941	54.08	29.54	102.45	48.37	
6942	59.87	89.23	102.67	42.8	
6943	59.32	82.62	102.53	43.21	
6944	62.8	67.98	102.87	40.07	
6945	64.8	72.03	102.52	37.72	
6946	66.58	67.2	102.67	36.09	
6947	68.14	59.13	102.98	34.84	
6948	59.48	24.97	102.46	42.98	
6949	62.08	42.4	102.49	40.41	
6950	55.91	26.37	102.46	46.55	
6951	63.86	10.89	102.49	38.63	
6952	67.44	5.98	102.51	35.07	
6953	58.56	10.72	102.47	43.91	
6954	59.59	14.81	102.47	42.88	
6955	73.44	33.88	102.51	29.07	
6956	73.27	118.9	102.27	29	
6957	50.39	43.04	101.85	51.46	
6958	49.89	151.85	101.85	51.96	
6959	51.56	198.51	101.85	50.29	
6960	53.31	12.21	101.96	48.65	
6961	51.6	145.34	102.11	50.51	
6962	51.06	37.67	101.93	50.87	
6963	59.16	56.99	102.24	43.08	
6964	53.73	100.49	102.31	48.58	
6965	52.89	207.62	102.37	49.48	
6966	54.3	35.24	102.42	48.12	
6967	55.46	8.35	102.42	46.96	
6968	53.27	8.92	102.39	49.12	
6969	54.08	7.63	102.39	48.31	
6970	53.58	13.22	102.36	48.78	
6971	53.79	21.09	102.36	48.57	
6972	55.25	38.62	102.33	47.08	
6973	54.27	39.45	102.34	48.07	
6974	53.29	24.03	102.52	49.23	
6975	50.94	20.7	101.29	50.35	
6976	52.8	46.09	101.3	48.5	
6977	56.86	7	101.28	44.42	
6978	51.9	4.79	101.29	49.39	
6979	58.41	56.03	101.31	42.9	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
6980	62.48	16.07	101.24	38.76	
6981	63.9	69.3	101.31	37.41	
6982	68.58	127.96	101.31	32.73	
6983	72.26	7.18	101.38	29.12	
6984	57.5	31.25	101.68	44.18	
6985	57.29	84.44	101.59	44.3	
6986	65.32	46.03	101.46	36.14	
6987	62.8	49.16	101.38	38.58	
6988	51.53	18.17	101.38	49.85	
6989	55.09	13.02	101.7	46.61	
6990	55.37	74.24	101.62	46.25	
6991	50.83	12.33	101.36	50.53	
6992	50.6	73.87	101.49	50.89	
6993	49.73	6.5	101.46	51.73	
6994	69.64	101.67	101.39	31.75	
6995	67.13	89.63	101.49	34.36	
6996	62.53	39.98	101.87	39.34	
6997	54.92	91.58	101.67	46.75	
6998	71.4	55.41	101.78	30.38	
6999	60.7	90.96	101.56	40.86	
7000	50.84	88.49	101.45	50.61	
7001	50.2	33.88	101.55	51.35	
7002	50.2	74.66	101.55	51.35	
7003	63.41	2.38	102.06	38.65	
7004	66.66	0	102.11	35.45	
7005	62.41	40.08	101.61	39.2	
7006	64.62	54.01	101.94	37.32	
7007	63.85	4.99	101.94	38.09	
7008	63.85	0	101.97	38.12	
7009	70.88	42.64	101.57	30.69	
7010	63.25	39.26	101.31	38.06	
7011	60.49	69.68	101.75	41.26	
7012	56.35	23.1	101.81	45.46	
7013	56.35	52.23	101.95	45.6	
7014	73.45	78.37	102.04	28.59	
7015	70.75	27.88	101.67	30.92	
7016	66.58	65.2	101.7	35.12	
7017	60.85	17.88	101.65	40.8	
7018	69.22	24.97	101.64	32.42	
7019	75.59	63.52	101.64	26.05	
7020	62.36	50.9	101.63	39.27	
7021	59.34	53.84	102.25	42.91	
7022	64.38	219.65	102.62	38.24	
7023	69.17	51.15	102.15	32.98	
7024	58.57	72.38	102.05	43.48	
7025	62.64	19.88	102.03	39.39	
7026	70.59	49.14	102.09	31.5	
7027	60.35	11.54	102.05	41.7	
7028	56.05	3.06	102.17	46.12	
7029	56.93	69.37	102.27	45.34	
7030	70.72	0	102.71	31.99	
7031	70.68	0	102.71	32.03	
7032	71.31	179.07	102.64	31.33	
7033	69.5	65.04	102.71	33.21	
7034	62.88	311.87	102.51	39.63	
7035	59.95	60.63	102.39	42.44	
7036	75.64	27.24	102.71	27.07	
7037	75.64	0	102.71	27.07	
7038	73.6	70.16	101.2	27.6	
7039	67.44	15.86	101.21	33.77	
7040	70.87	139.8	101.19	30.32	
7041	66.28	52.37	101.2	34.92	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
7042	70.55	185.15	101.03	30.48	
7043	62.39	35.99	100.94	38.55	
7044	78.64	73.65	101.08	22.44	
7045	80.5	97.73	101.07	20.57	
7046	76.4	54.73	100.98	24.58	
7047	71.4	89.86	100.89	29.49	
7048	83.1	21.33	101.07	17.97	
7049	73.6	37.51	101.18	27.58	
7050	73.65	46.68	101.14	27.49	
7051	63.64	66.81	101.2	37.56	
7052	73.4	140.13	101.1	27.7	
7053	75.5	159.62	100.56	25.06	
7054	69.4	106.25	100.76	31.36	
7055	65.1	73.54	100.73	35.63	
7056	74.69	76.79	100.9	26.21	
7057	69.8	117.83	100.79	30.99	
7058	73.12	51.47	101.19	28.07	
7059	71.6	55.11	101.04	29.44	
7060	70.05	205.44	100.28	30.23	
7061	76.5	117.9	100.67	24.17	
7062	75.2	145.17	100.79	25.59	
7063	74.6	142.38	100.89	26.29	
7064	65.77	121.08	101.05	35.28	
7065	63.59	24.31	101.23	37.64	
7066	72.24	33.08	101.23	28.99	
7067	60.22	49.76	101.28	41.06	
7068	66.31	23.72	101.25	34.94	
7069	60.89	5.23	101.47	40.58	
7070	46.85	0	101.24	54.39	
7071	46.85	45.78	101.24	54.39	
7072	48.41	59.14	100.79	52.38	
7073	42.94	312.32	100.66	57.72	
7074	45.44	8.58	100.78	55.34	
7075	45.44	0	100.78	55.34	
7076	45.31	88.92	100.31	55	
7077	44.94	14.68	100.35	55.41	
7078	42.12	39.49	100.37	58.25	
7079	43.56	16.71	100.38	56.82	
7080	42.24	132.39	100.34	58.1	
7081	43.8	14.19	100.34	56.54	
7082	42.08	369.4	100.29	58.21	
7083	43.84	88.4	100.27	56.43	
7084	44.89	6.92	100.31	55.42	
7085	44.68	21.6	100.32	55.64	
7086	45.44	0.16	100.22	54.78	
7087	41.91	27.46	100.25	58.34	
7088	47.71	516.7	100.32	52.61	
7089	45.93	30.87	100.7	54.77	
7090	44.25	66.33	100.52	56.27	
7091	44.93	77.55	100.55	55.62	
7092	44.53	292.33	100.46	55.93	
7093	44.79	35.32	100.34	55.55	
7094	44.71	2.73	100.29	55.58	
7095	45.07	56.48	100.51	55.44	
7096	44.57	43.57	100.46	55.89	
7097	44.82	29.11	100.42	55.6	
7098	45.29	150.11	100.55	55.26	
7099	46.16	78.14	100.66	54.5	
7100	45.48	34.21	100.53	55.05	
7101	44.9	52.93	100.41	55.51	
7102	45.85	88.94	100.55	54.7	
7103	45.38	57.99	100.53	55.15	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
7104	44.71	85.85	100.39	55.68	
7105	45.51	58.82	100.53	55.02	
7106	44.78	97.72	100.41	55.63	
7107	45.39	108.66	100.53	55.14	
7108	45.72	71.09	100.65	54.93	
7109	45.87	32.37	100.71	54.84	
7110	44.67	8.67	100.52	55.85	
7111	46.18	19.55	101	54.82	
7112	47.84	0.44	100.9	53.06	
7113	47.49	28.98	100.86	53.37	
7114	47.7	82.16	100.92	53.22	
7115	47.81	63.01	100.92	53.11	
7116	44.29	26.08	100.78	56.49	
7117	46.09	21.9	100.78	54.69	
7118	47.18	45.79	100.86	53.68	
7119	47.85	126.18	100.86	53.01	
7120	47.78	14.77	100.78	53	
7121	47.11	33.98	100.78	53.67	
7122	49.31	104.43	100.78	51.47	
7123	47.26	42.07	100.77	53.51	
7124	46.66	24.55	100.86	54.2	
7125	46.51	37.73	100.86	54.35	
7126	46.87	17.69	101	54.13	
7127	46.79	21.14	100.99	54.2	
7128	47.52	57.37	100.77	53.25	
7129	49.7	33.36	101.07	51.37	
7130	49.09	77.94	101.01	51.92	
7131	48.13	91.41	100.86	52.73	
7132	50.28	2.93	101.25	50.97	
7133	48.58	14.36	101.22	52.64	
7134	47.92	63.37	101.19	53.27	
7135	49.55	32.74	100.78	51.23	
7136	46.93	16.01	101.18	54.25	
7137	46.3	80.91	100.85	54.55	
7138	44.71	19.94	100.79	56.08	
7139	46.09	82.52	100.9	54.81	
7140	44.52	105.3	100.79	56.27	
7141	46.43	71.32	100.86	54.43	
7142	46.14	71.65	100.94	54.8	
7143	46.36	51.99	101.19	54.83	
7144	44.45	130.17	100.79	56.34	
7145	46.18	50.66	100.87	54.69	
7146	46.08	81.23	100.94	54.86	
7147	45.84	32.7	100.89	55.05	
7148	46.11	12.75	101.06	54.95	
7149	49.23	41.8	100.22	50.99	
7150	49.43	30.53	100.35	50.92	
7151	49.39	46.99	100.4	51.01	
7152	48.6	79.29	100.37	51.77	
7153	48.94	204.21	100.39	51.45	
7154	49.07	109.33	100.44	51.37	
7155	49.73	29.41	100.37	50.64	
7156	49.4	36.15	100.21	50.81	
7157	50.15	26.51	100.33	50.18	
7158	50.49	30.3	100.37	49.88	
7159	50.06	38.04	100.37	50.31	
7160	49.61	110.01	100.59	50.98	
7161	49.44	128.23	100.64	51.2	
7162	48.81	32.02	100.7	51.89	
7163	50.86	38.15	100.47	49.61	
7164	50.18	72.51	100.47	50.29	
7165	50.07	111.62	101.01	50.94	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
7166	49.14	73.11	100.66	51.52	
7167	48.91	48.55	100.77	51.86	
7168	51.41	26.84	100.69	49.28	
7169	50.94	77.01	100.6	49.66	
7170	51.28	29.54	101.28	50	
7171	48.29	42.91	100.73	52.44	
7172	48.74	16.63	100.7	51.96	
7173	48.41	126.79	100.5	52.09	
7174	48.68	85.13	100.5	51.82	
7175	48.49	32.74	100.5	52.01	
7176	50.56	156.87	100.41	49.85	
7177	45.21	37	100.42	55.21	
7178	50.42	83.92	100.42	50	
7179	48.81	90.2	100.72	51.91	
7180	49.67	24.1	101.21	51.54	
7181	48.27	38.21	100.85	52.58	
7182	48.12	26.44	100.84	52.72	
7183	48.28	12.48	100.84	52.56	
7184	47.9	32.13	100.86	52.96	
7185	48.2	71.03	100.88	52.68	
7186	47.93	104.39	100.81	52.88	
7187	48.56	17.68	100.81	52.25	
7188	48.95	174.6	100.82	51.87	
7189	48.86	57.62	100.85	51.99	
7190	48.37	43.31	100.8	52.43	
7191	47.93	16.83	100.79	52.86	
7192	47.94	25.79	100.82	52.88	
7193	49.13	13.29	101.02	51.89	
7194	47.35	19.65	100.82	53.47	
7195	48.5	54.79	100.82	52.32	
7196	50.71	108.8	100.81	50.1	
7197	63.94	2.93	101.19	37.25	
7198	63.12	37.72	101.16	38.04	
7199	55.1	25.58	101.05	45.95	
7200	55.24	30.16	101.05	45.81	
7201	51.9	10.59	101.11	49.21	
7202	56.86	1.76	101.13	44.27	
7203	60.9	18.87	100.9	40	
7204	65.35	19.49	100.87	35.52	
7205	58.87	1.59	101.06	42.19	
7206	62.19	68.74	100.88	38.69	
7207	70.4	59.15	100.78	30.38	
7208	70.4	86.96	100.79	30.39	
7209	70.9	14.2	100.73	29.83	
7210	70.4	22.09	100.67	30.27	
7211	68.17	55.02	100.63	32.46	
7212	54.58	0	100.76	46.18	
7213	54.58	18.37	100.75	46.17	
7214	65.09	0	100.52	35.43	
7215	65.09	20.22	100.52	35.43	
7216	62.29	21.09	100.46	38.17	
7217	68.12	17.2	100.16	32.04	
7218	65.33	36.56	100.16	34.83	
7219	67.41	14.23	100.16	32.75	
7220	63.66	24.69	100.18	36.52	
7221	71.05	17.24	100.16	29.11	
7222	67.62	4.4	100.17	32.55	
7223	71.89	44.03	100.16	28.27	
7224	71.47	34.95	100.16	28.69	
7225	68.31	49.33	100.17	31.86	
7226	71.3	30.61	100.17	28.87	
7227	69.83	8.93	100.13	30.3	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
7228	67.13	28.8	100.15	33.02	
7229	67.62	103.4	100.19	32.57	
7230	55.9	57.33	100.19	44.29	
7231	55.28	1.57	100.21	44.93	
7232	66.19	80.23	100.23	34.04	
7233	56.92	29.73	100.45	43.53	
7234	64.91	32.97	100.3	35.39	
7235	63.22	92.6	100.29	37.07	
7236	56.92	0	100.47	43.55	
7237	57.53	55.45	100.45	42.92	
7238	57.53	0	100.45	42.92	
7239	61.85	16.23	100.44	38.59	
7240	61.85	0	100.44	38.59	
7241	69.44	54.16	100.16	30.72	
7242	70.68	116.2	100.21	29.53	
7243	71.23	51.57	100.19	28.96	
7244	64.49	150.21	100.29	35.8	
7245	70.89	52.69	100.21	29.32	
7246	70.88	28.34	100.17	29.29	
7247	61.52	30.48	100.35	38.83	
7248	72.42	22.08	100.21	27.79	
7249	55.6	41.57	100.48	44.88	
7250	62.54	98.26	100.55	38.01	
7251	55.29	65.94	100.57	45.28	
7252	56.7	46.87	100.51	43.81	
7253	55.14	30.34	100.5	45.36	
7254	57.45	112.38	100.89	43.44	
7255	62.77	112.84	100.82	38.05	
7256	59.51	22.47	100.89	41.38	
7257	62.76	81.18	100.55	37.79	
7258	59.38	80.39	100.5	41.12	
7259	66.39	56.28	100.61	34.22	
7260	61.4	116.17	100.66	39.26	
7261	66.74	52.06	100.84	34.1	
7262	67.64	38.54	100.61	32.97	
7263	66.64	84.94	100.54	33.9	
7264	70.05	125.1	100.43	30.38	
7265	63.26	347.19	100.86	37.6	
7266	55.91	26.81	100.24	44.33	
7267	53.72	17.62	100.83	47.11	
7268	53.47	20.93	100.91	47.44	
7269	51.68	10.79	101.04	49.36	
7270	51.12	2.2	101.1	49.98	
7271	50.29	7.59	99.98	49.69	
7272	50.45	39.51	99.96	49.51	
7273	55.43	12.07	100.01	44.58	
7274	53.56	22.77	99.98	46.42	
7275	52.29	90.31	99.94	47.65	
7276	51.47	276.95	99.84	48.37	
7277	49.9	85.08	100.03	50.13	
7278	49.65	13.18	100.1	50.45	
7279	52.16	90.39	100.09	47.93	
7280	51.9	20.91	100.21	48.31	
7281	49.93	8.48	100.08	50.15	
7282	51.37	50.55	100.22	48.85	
7283	50.27	100.3	100.11	49.84	
7284	49.28	6.81	100.14	50.86	
7285	47.11	231.16	100.11	53	
7286	49.41	149.14	100.16	50.75	
7287	49.85	75.29	100.17	50.32	
7288	49.26	44.42	100.17	50.91	
7289	49.74	25.02	99.94	50.2	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	등수두 (m)	잔류수두 (m)	비고
7290	51.77	38.64	99.94	48.17	
7291	53.85	66.32	99.98	46.13	
7292	51.76	52.04	100.09	48.33	
7293	52.68	36.42	100.31	47.63	
7294	51.37	102.68	100.24	48.87	
7295	49.95	111.63	100.12	50.17	
7296	51.9	54.19	100.22	48.32	
7297	50.59	102.81	100.16	49.57	
7298	51.19	86.1	100.41	49.22	
7299	51.27	103.32	100.2	48.93	
7300	51.06	78.6	100.43	49.37	
7301	52.09	188.57	100.68	48.59	
7302	50.61	89.57	100.46	49.85	
7303	51.54	137.59	100.46	48.92	
7304	51.37	0	101.12	49.75	
7305	49.85	59.54	100.32	50.47	
7306	50.8	32.89	100.5	49.7	
7307	53.59	39.2	99.91	46.32	
7308	52.37	23.83	99.91	47.54	
7309	53.58	7.08	99.92	46.34	
7310	53.91	10.55	99.92	46.01	
7311	53.63	32.05	99.92	46.29	
7312	53.7	38.11	99.92	46.22	
7313	54.16	44.83	99.92	45.76	
7314	53.23	13.09	99.92	46.69	
7315	52.05	47.46	99.91	47.86	
7316	55.71	11.97	99.95	44.24	
7317	55.11	33.56	99.93	44.82	
7318	56.2	38.74	99.95	43.75	
7319	55.23	84.15	99.92	44.69	
7320	54.56	12.71	99.92	45.36	
7321	54.33	32.21	99.93	45.6	
7322	56.47	12.27	99.95	43.48	
7323	55.7	31.25	99.95	44.25	
7324	55.08	23.67	99.93	44.85	
7325	53.24	118.57	99.91	46.67	
7326	54.38	39.29	99.92	45.54	
7327	54.76	26.26	99.91	45.15	
7328	53.17	63.23	99.91	46.74	
7329	54.29	38.15	99.92	45.63	
7330	53.66	32.13	99.92	46.26	
7331	52.66	34.09	99.91	47.25	
7332	52.66	17.22	99.91	47.25	
7333	52.06	33.61	99.91	47.85	
7334	52.86	23.21	99.93	47.07	
7335	54.19	34.51	99.93	45.74	
7336	54.12	25.16	99.92	45.8	
7337	52.75	24.54	99.92	47.17	
7338	51.82	25.39	99.92	48.1	
7339	52.3	21.96	99.92	47.62	
7340	51.94	16.52	99.92	47.98	
7341	49.85	34.78	99.93	50.08	
7342	52.91	50.74	99.92	47.01	
7343	52.45	15.14	99.92	47.47	
7344	52.91	37.06	99.93	47.02	
7345	54.79	60.83	99.94	45.15	
7346	53.36	57.63	99.94	46.58	
7347	51.94	44.23	99.92	47.98	
7348	50.81	41.16	99.92	49.11	
7349	52.86	47.44	99.92	47.06	
7350	52.36	71.71	99.92	47.56	
7351	52.17	77.02	99.92	47.75	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
7352	51.72	56.71	99.94	48.22	
7353	52.45	20.62	99.92	47.47	
7354	53.56	45.59	99.96	46.4	
7355	53.07	69.36	99.93	46.86	
7356	52.66	55.27	99.93	47.27	
7357	58.12	34.8	100.04	41.92	
7358	59.87	28.22	100.01	40.14	
7359	60.68	57.57	100.03	39.35	
7360	63.66	14.61	100.05	36.39	
7361	67.41	16.28	100.07	32.66	
7362	61.38	322.01	99.98	38.6	
7363	68.82	106.63	99.94	31.12	
7364	66.73	16.73	99.94	33.21	
7365	66.77	25.93	100.03	33.26	
7366	62.2	127.27	99.98	37.78	
7367	64.26	72.71	99.94	35.68	
7368	63.15	43.42	99.94	36.79	
7369	62.52	109.86	99.95	37.43	
7370	69.48	39.87	99.94	30.46	
7371	75.56	1	99.94	24.38	
7372	74.25	15.87	99.94	25.69	
7373	68.77	6.72	99.95	31.18	
7374	70.79	7.8	99.95	29.16	
7375	73.16	21.43	99.94	26.78	
7376	66.12	75.01	99.94	33.82	
7377	68.78	28.13	99.94	31.16	
7378	65.78	29.67	99.94	34.16	
7379	68.82	21.08	99.94	31.12	
7380	68.91	32.82	99.94	31.03	
7381	69.38	13.52	99.95	30.57	
7382	70.69	22.92	99.96	29.27	
7383	68.44	6.12	99.96	31.52	
7384	67.55	17.31	99.96	32.41	
7385	64.84	53.38	99.94	35.1	
7386	67.73	43.7	99.98	32.25	
7387	65.07	42.56	99.98	34.91	
7388	70.6	8.78	99.98	29.38	
7389	65.14	63.18	100	34.86	
7390	68.24	59.34	100.01	31.77	
7391	74.2	15.57	100.05	25.85	
7392	67.09	49.57	100.03	32.94	
7393	75.17	83.3	100.1	24.93	
7394	74.66	5.41	100.1	25.44	
7395	69.23	98.46	100.2	30.97	
7396	66.24	128.83	100.44	34.2	
7397	69.48	0	100.47	30.99	
7398	89.5	29.78	137.56	48.06	
7399	89.06	14.28	137.56	48.5	
7400	89.7	0	139.03	49.33	
7401	80.55	84.94	135.92	55.37	
7402	79.48	73	134.64	55.16	
7403	76.64	25.7	136.24	59.6	
7404	75.49	20.16	135.84	60.35	
7405	62.55	46.03	134.66	72.11	
7406	68.62	27.66	134.65	66.03	
7407	64.72	5.52	134.78	70.06	
7408	97.07	26.61	135.65	38.58	
7409	98.52	10.44	135.65	37.13	
7410	56.85	113.88	99.75	42.9	
7411	56.23	45.5	99.78	43.55	
7412	54.91	60.55	99.72	44.81	
7413	54.18	76	99.72	45.54	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
7414	52.63	75.34	99.72	47.09	
7415	52.4	10.77	99.72	47.32	
7416	53.08	60.19	99.72	46.64	
7417	54.42	27.04	99.74	45.32	
7418	58.44	53.07	99.77	41.33	
7419	74.46	90.35	99.85	25.39	
7420	53.57	33.76	99.73	46.16	
7421	59.46	12.45	99.79	40.33	
7422	60.5	45.36	99.85	39.35	
7423	74.46	31.69	99.85	25.39	
7424	54.56	39.02	99.84	45.28	
7425	55.07	55.5	99.88	44.81	
7426	61.3	22.42	99.89	38.59	
7427	57.5	44.96	99.89	42.39	
7428	69.76	17.5	99.9	30.14	
7429	78.35	45.71	99.89	21.54	
7430	68.56	8.44	99.89	31.33	
7431	54.45	29.59	99.73	45.28	
7432	54.64	53.76	99.72	45.08	
7433	49.88	54.54	99.74	49.86	
7434	65.08	83.39	99.75	34.67	
7435	53.19	7.94	99.76	46.57	
7436	54.42	15.45	99.73	45.31	
7437	53.47	9.63	99.7	46.23	
7438	55.2	23.02	99.74	44.54	
7439	52.65	80.8	99.75	47.1	
7440	57.76	2.94	99.38	41.62	
7441	57.87	25.1	99.38	41.51	
7442	59.35	26.11	99.38	40.03	
7443	59.21	2.5	99.38	40.17	
7444	57.64	3.7	99.39	41.75	
7445	57.47	5.51	99.39	41.92	
7446	58.07	2.98	99.38	41.31	
7447	58.7	0.29	99.38	40.68	
7448	59.67	25.75	99.32	39.65	
7449	64.78	88.63	99.29	34.51	
7450	65.87	6.34	99.28	33.41	
7451	66.09	832.62	99.28	33.19	
7452	59.44	112.84	99.31	39.87	
7453	66.49	17.22	99.28	32.79	
7454	69.61	30.92	99.28	29.67	
7455	65.75	3.49	99.32	33.57	
7456	68.26	16.44	99.32	31.06	
7457	69.74	1.96	99.32	29.58	
7458	71.83	0.29	99.32	27.49	
7459	62.78	22.9	99.33	36.55	
7460	67.14	7.49	99.32	32.18	
7461	59.92	2.74	99.38	39.46	
7462	59.44	13.77	99.38	39.94	
7463	60.07	2.82	99.38	39.31	
7464	58.9	7.65	99.38	40.48	
7465	64.78	17.49	99.31	34.53	
7466	60.7	19.54	99.38	38.68	
7467	66.46	1.47	99.31	32.85	
7468	59.86	16.59	99.38	39.52	
7469	59.61	8.66	99.38	39.77	
7470	57.73	1.59	99.38	41.65	
7471	57.86	7.2	99.39	41.53	
7472	59.92	56.91	99.31	39.39	
7473	58.58	52.04	99.32	40.74	
7474	62.35	1.05	99.31	36.96	
7475	60.81	14.47	99.33	38.52	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
7476	59.78	5.24	99.36	39.58	
7477	57.78	63.66	99.33	41.55	
7478	57.7	45.52	99.37	41.67	
7479	57.56	3.8	99.4	41.84	
7480	57.64	19.51	99.35	41.71	
7481	57.44	88.95	99.39	41.95	
7482	57.64	6.01	99.37	41.73	
7483	57.24	15.82	99.39	42.15	
7484	60.15	37.39	99.33	39.18	
7485	64.72	34.17	99.3	34.58	
7486	60.87	8.47	99.31	38.44	
7487	64.23	18.12	99.3	35.07	
7488	61.21	43.76	99.31	38.1	
7489	58.93	4.73	99.35	40.42	
7490	59.3	36	99.33	40.03	
7491	63.52	9.6	99.31	35.79	
7492	57.14	31.69	99.39	42.25	
7493	57.16	12.45	99.39	42.23	
7494	58.21	2.44	99.34	41.13	
7495	57.86	29.58	99.36	41.5	
7496	57.7	4.84	99.37	41.67	
7497	57.33	34.07	99.42	42.09	
7498	57.47	1.95	99.41	41.94	
7499	56.4	1.01	99.44	43.04	
7500	57.15	306.9	99.44	42.29	
7501	57.15	3.55	99.41	42.26	
7502	57.79	35.48	99.39	41.6	
7503	62.34	64.61	99.37	37.03	
7504	67.4	0.28	99.37	31.97	
7505	57.18	20.17	99.39	42.21	
7506	57.71	7.72	99.39	41.68	
7507	58.11	1.23	99.38	41.27	
7508	57.64	1.88	99.39	41.75	
7509	57.33	14.39	99.39	42.06	
7510	59.67	7.1	99.38	39.71	
7511	57.41	7.49	99.39	41.98	
7512	57.4	32.7	99.39	41.99	
7513	58.11	420.31	99.39	41.28	
7514	57.86	0.33	99.38	41.52	
7515	58.76	0.61	99.38	40.62	
7516	58.24	30.92	99.39	41.15	
7517	58.38	38.19	99.38	41	
7518	58.11	36	99.39	41.28	
7519	57.94	5.83	99.39	41.45	
7520	59.27	15.16	99.38	40.11	
7521	59.53	0.76	99.38	39.85	
7522	58.81	0.56	99.38	40.57	
7523	58.12	19.51	99.39	41.27	
7524	76.46	8.93	99.28	22.82	
7525	55.38	101	98.49	43.11	
7526	53.79	147.87	98.63	44.84	
7527	55.37	42.86	98.57	43.2	
7528	53.58	81.75	98.67	45.09	
7529	65.25	96.9	98.13	32.88	
7530	69.52	22.34	98.13	28.61	
7531	68.84	19.51	98.13	29.29	
7532	63.09	53.4	98.15	35.06	
7533	59.6	60.23	98.12	38.52	
7534	57.54	32.61	98.16	40.62	
7535	60.7	68.69	98.31	37.61	
7536	58.12	13.82	98.64	40.52	
7537	53.59	50.04	98.65	45.06	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
7538	56.31	70.73	98.67	42.36	
7539	57.18	14.41	98.65	41.47	
7540	55.17	36.56	98.7	43.53	
7541	53.2	19.71	98.77	45.57	
7542	55.72	93.76	98.69	42.97	
7543	54.86	98.17	98.66	43.8	
7544	54.92	48.31	98.64	43.72	
7545	54.38	21.56	98.76	44.38	
7546	53.41	9.34	98.77	45.36	
7547	53.53	40.44	98.97	45.44	
7548	53.53	12.06	98.99	45.46	
7549	53.51	49.18	98.85	45.34	
7550	53.18	37.39	98.92	45.74	
7551	52.56	26.7	99.23	46.67	
7552	52.49	0	99.4	46.91	
7553	52.56	27.91	99.21	46.65	
7554	52.58	72.32	99.06	46.48	
7555	52.62	198.59	98.88	46.26	
7556	52.56	60.96	98.97	46.41	
7557	54.37	6.65	98.81	44.44	
7558	53.43	94.95	99.06	45.63	
7559	52.64	15.48	99.17	46.53	
7560	55.8	2519.93	98.29	42.49	
7561	55.43	32.83	98.36	42.93	
7562	54.51	16.67	98.72	44.21	
7563	51.27	7.42	98.65	47.38	
7564	51.27	2.3	98.64	47.37	
7565	50.05	18.9	98.64	48.59	
7566	51.24	57.57	98.65	47.41	
7567	53.87	21.52	98.68	44.81	
7568	53.39	72.89	98.76	45.37	
7569	53.49	30.92	98.82	45.33	
7570	51.36	9.55	98.28	46.92	
7571	58.86	12.75	98.1	39.24	
7572	55.79	725.23	98.15	42.36	
7573	56.44	962.75	98.01	41.57	
7574	55.77	6.34	97.8	42.03	
7575	55.49	5.9	97.83	42.34	
7576	55.73	258.1	97.82	42.09	
7577	55.83	525.25	97.83	42	
7578	55.63	0	97.84	42.21	
7579	56.49	624.68	97.55	41.06	
7580	44.07	102.05	99.25	55.18	
7581	43.63	27.51	99.48	55.85	
7582	43.65	152.8	98.73	55.08	
7583	43.93	126.69	98.71	54.78	
7584	43.57	6.51	98.73	55.16	
7585	43.57	42.93	99.25	55.68	
7586	56.16	117.34	98.73	42.57	
7587	43.87	86.66	98.73	54.86	
7588	44.48	265.15	98.75	54.27	
7589	45.67	54.59	98.82	53.15	
7590	57.28	122.12	98.78	41.5	
7591	58.3	65.34	98.81	40.51	
7592	58.14	93.62	98.78	40.64	
7593	58.46	25.27	98.81	40.35	
7594	58.4	122.47	98.76	40.36	
7595	57.9	44.94	98.82	40.92	
7596	56.1	17	98.73	42.63	
7597	43.3	6.74	99.25	55.95	
7598	43.38	9.19	99.14	55.76	
7599	43.09	22.38	99.2	56.11	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
7600	42.74	46.39	98.79	56.05	
7601	42.74	176.18	98.74	56	
7602	42.84	25.27	98.71	55.87	
7603	60.45	10.02	98.7	38.25	
7604	59.74	60.96	98.72	38.98	
7605	58.3	16.74	98.77	40.47	
7606	58.33	2.57	98.78	40.45	
7607	57.76	5.36	98.84	41.08	
7608	43.1	188.71	99.81	56.71	
7609	60.84	864.06	98.64	37.8	
7610	45.28	0	99.95	54.67	
7611	44.08	205.68	99.8	55.72	
7612	61.81	268.58	98.75	36.94	
7613	61.45	309.77	98.79	37.34	
7614	42.17	109.63	99.92	57.75	
7615	51.31	127.01	99.56	48.25	
7616	56.74	48.97	99.04	42.3	
7617	58.91	74.37	99.04	40.13	
7618	54.75	122.28	98.92	44.17	
7619	55.84	56.59	98.76	42.92	
7620	56.35	82.78	98.83	42.48	
7621	56.03	47.08	98.88	42.85	
7622	57.67	45.71	98.77	41.1	
7623	40.85	94.31	99.88	59.03	
7624	42.88	4.84	99.99	57.11	
7625	42.42	106.63	99.86	57.44	
7626	43.11	3.1	99.86	56.75	
7627	42.65	1.59	99.97	57.32	
7628	41.28	39.12	99.86	58.58	
7629	42.14	57.69	99.88	57.74	
7630	42.21	12.8	99.93	57.72	
7631	42.14	59.51	99.86	57.72	
7632	42.39	23.2	99.88	57.49	
7633	42.41	61.19	99.86	57.45	
7634	44.54	1.88	99.69	55.15	
7635	45.07	23.73	99.33	54.26	
7636	45.53	30.92	99.67	54.14	
7637	45.33	10.45	99.5	54.17	
7638	45.28	247	99.06	53.78	
7639	45.65	200.29	99.05	53.4	
7640	48.5	75.67	99.02	50.52	
7641	47.8	355.51	98.94	51.14	
7642	44.94	0.92	99.04	54.1	
7643	46.27	39.17	98.97	52.7	
7644	58.54	0	98.81	40.27	
7645	58.11	110.62	98.81	40.7	
7646	55.71	179.25	98.84	43.13	
7647	55.76	31.63	98.85	43.09	
7648	56.37	41.32	98.8	42.43	
7649	56.27	0	98.79	42.52	
7650	55.72	45.86	98.86	43.14	
7651	56.09	47.17	98.79	42.7	
7652	55.8	45.25	98.85	43.05	
7653	53.77	0	99.04	45.27	
7654	55.51	213.68	99.03	43.52	
7655	63.56	0	98.98	35.42	
7656	63.56	59.25	98.98	35.42	
7657	59.25	204.42	98.91	39.66	
7658	56.12	6.61	98.85	42.73	
7659	56.27	442.55	98.79	42.52	
7660	65.08	70.33	98.86	33.78	
7661	63.07	16.97	98.85	35.78	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	등수두 (m)	잔류수두 (m)	비고
7662	61.21	183.77	98.79	37.58	
7663	65.17	0	98.79	33.62	
7664	65.17	0	98.8	33.63	
7665	65.17	0	98.79	33.62	
7666	63.61	195.23	98.76	35.15	
7667	47.2	792.14	99.08	51.88	
7668	55.33	23.67	98.82	43.49	
7669	57.71	61.89	98.81	41.1	
7670	63.53	611.28	98.75	35.22	
7671	55.84	674.94	98.78	42.94	
7672	57.59	1.26	98.73	41.14	
7673	56.34	19.28	98.71	42.37	
7674	56.48	53.07	98.73	42.25	
7675	55.89	14.51	98.68	42.79	
7676	56.22	30.3	98.69	42.47	
7677	54.6	53.49	98.7	44.1	
7678	54.59	327.27	98.73	44.14	
7679	54.71	86.28	98.7	43.99	
7680	54.7	6.75	98.81	44.11	
7681	55.15	95.62	98.71	43.56	
7682	55.7	98.86	98.76	43.06	
7683	53.81	56.8	98.66	44.85	
7684	54.15	131.12	98.63	44.48	
7685	54.43	0	98.7	44.27	
7686	54.14	53.12	98.69	44.55	
7687	53.73	20.09	98.68	44.95	
7688	51.61	188.33	98.52	46.91	
7689	51.18	216.21	98.52	47.34	
7690	51.28	65.25	98.54	47.26	
7691	52.59	491.18	98.44	45.85	
7692	52.67	155.63	98.5	45.83	
7693	53.83	63.98	98.63	44.8	
7694	51.59	32.5	98.63	47.04	
7695	50.65	5.83	98.61	47.96	
7696	50.25	99.31	98.64	48.39	
7697	55.81	1014.92	98.63	42.82	
7698	55.35	116.79	98.68	43.33	
7699	54.5	186.6	98.71	44.21	
7700	55.12	862.14	98.74	43.62	
7701	52.24	306.66	98.58	46.34	
7702	51.86	130.79	98.53	46.67	
7703	52.86	263.23	98.51	45.65	
7704	52.1	122.22	98.5	46.4	
7705	49.91	14.57	98.53	48.62	
7706	51.2	49.22	98.5	47.3	
7707	58.61	114.84	98.58	39.97	
7708	64.45	58.66	98.77	34.32	
7709	61.95	46.81	98.64	36.69	
7710	55.05	239.31	98.7	43.65	
7711	52.24	40.5	98.56	46.32	
7712	50.07	108.5	98.59	48.52	
7713	50.35	93.43	98.53	48.18	
7714	49.71	283.06	98.52	48.81	
7715	49.64	82.84	98.54	48.9	
7716	48.83	338.15	98.45	49.62	
7717	49.26	81.13	98.5	49.24	
7718	48.71	15.56	98.55	49.84	
7719	48.11	156.12	98.53	50.42	
7720	47.28	151.49	98.52	51.24	
7721	47.65	57.6	98.53	50.88	
7722	46.49	0	98.55	52.06	
7723	46.8	80.36	98.55	51.75	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
7724	47.88	0	98.54	50.66	
7725	47.95	758.19	98.54	50.59	
7726	48.91	25.55	98.52	49.61	
7727	49.59	38.05	98.52	48.93	
7728	45.03	89.61	98.45	53.42	
7729	46.34	379.09	98.4	52.06	
7730	46.84	110.14	98.38	51.54	
7731	60.19	304.92	98.46	38.27	
7732	54.25	758.39	98.42	44.17	
7733	53.17	215.05	98.14	44.97	
7734	54.61	564.86	98.06	43.45	
7735	55.93	500.62	98.06	42.13	
7736	58.37	775.45	98.16	39.79	
7737	54.68	13.24	98.24	43.56	
7738	56.7	316.37	98.39	41.69	
7739	52.1	43.66	98.11	46.01	
7740	50.79	23.07	98.09	47.3	
7741	49.49	170.88	98.09	48.6	
7742	50.28	798.14	98.53	48.25	
7743	49.6	84.59	98.51	48.91	
7744	51.36	95	98.45	47.09	
7745	52.03	86.43	98.56	46.53	
7746	51.3	230.03	98.44	47.14	
7747	51.05	145.12	98.44	47.39	
7748	50.78	109.58	98.45	47.67	
7749	49.92	9.02	98.5	48.58	
7750	49.22	11.98	98.37	49.15	
7751	49.35	96.29	98.51	49.16	
7752	49.43	31.77	98.5	49.07	
7753	49.44	41.35	98.5	49.06	
7754	49.47	3.7	98.46	48.99	
7755	49.28	61.46	98.5	49.22	
7756	48.83	333.3	98.3	49.47	
7757	48.5	24.01	98.29	49.79	
7758	50.8	486.48	97.98	47.18	
7759	48.69	58.22	98.2	49.51	
7760	48.69	0	98.2	49.51	
7761	48.03	0	98.15	50.12	
7762	46.78	987.06	98.05	51.27	
7763	46.78	0	98.36	51.58	
7764	47.43	0	98.12	50.69	
7765	47.43	0	98.29	50.86	
7766	48.73	293.86	98.15	49.42	
7767	49.16	62.39	98.01	48.85	
7768	49.41	7.53	98	48.59	
7769	45.03	324.3	98.44	53.41	
7770	43.55	154.15	98.41	54.86	
7771	42.47	1516.73	98.39	55.92	
7772	43.32	758.19	98.35	55.03	
7773	41.68	190.97	98.44	56.76	
7774	42.61	280.14	98.41	55.8	
7775	41.55	94.02	98.51	56.96	
7776	44.89	6.08	98.17	53.28	
7777	43.75	415.65	98.3	54.55	
7778	43.38	46.15	98.35	54.97	
7779	45.63	1252.05	97.99	52.36	
7780	43.77	1513.18	98.25	54.48	
7781	48.76	427	98.12	49.36	
7782	47.38	19.33	98.12	50.74	
7783	45.48	525.53	98	52.52	
7784	44.93	84.25	98.35	53.42	
7785	47.43	29.78	98.12	50.69	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
7786	61.4	129.11	98.4	37	
7787	58.64	31.45	98.39	39.75	
7788	60.29	105.87	98.43	38.14	
7789	56.75	2.44	98.39	41.64	
7790	62.56	102.75	98.39	35.83	
7791	59.4	17.34	98.39	38.99	
7792	63.18	34.5	98.39	35.21	
7793	60.79	9.35	98.39	37.6	
7794	62.52	17.74	98.39	35.87	
7795	61.44	0.51	98.57	37.13	
7796	62.25	25.53	98.39	36.14	
7797	57.93	172.32	98.28	40.35	
7798	57.01	86.36	98.62	41.61	
7799	50.35	34.81	98.6	48.25	
7800	50.76	36.1	98.59	47.83	
7801	54.44	12.91	98.57	44.13	
7802	60.59	125.68	98.4	37.81	
7803	59.04	31.17	98.39	39.35	
7804	59.79	2.41	98.39	38.6	
7805	48.61	30.88	98.63	50.02	
7806	52.16	107.75	98.17	46.01	
7807	62.79	45.93	98.39	35.6	
7808	57.94	104.83	98.31	40.37	
7809	61.3	77.23	98.39	37.09	
7810	54.59	303.59	98.38	43.79	
7811	56.79	1.42	97.63	40.84	
7812	56.79	46.15	98.41	41.62	
7813	58.5	10.64	98.95	40.45	
7814	48.2	63.22	97.63	49.43	
7815	52.37	42.76	98.58	46.21	
7816	54.37	12.42	98.98	44.61	
7817	45.33	22.76	99.06	53.73	
7818	61.65	9.84	98.97	37.32	
7819	63.63	18.64	98.98	35.35	
7820	58.45	12.33	98.98	40.53	
7821	57.21	34.93	98.98	41.77	
7822	52.65	131.67	97.45	44.8	
7823	59.97	71.96	99	39.03	
7824	44.34	191.87	99.37	55.03	
7825	44.31	29.25	99.53	55.22	
7826	48.37	11.78	99.38	51.01	
7827	44.1	10.48	99.48	55.38	
7828	43.9	248.66	99.29	55.39	
7829	42.91	42	99.16	56.25	
7830	43.46	150.05	99.17	55.71	
7831	42.73	222.77	99.16	56.43	
7832	42.5	1516.38	99.11	56.61	
7833	45.81	100.91	100.22	54.41	
7834	47.61	26.61	99.98	52.37	
7835	47.9	0	100.32	52.42	
7836	47.28	0	100.33	53.05	
7837	47.28	4.52	100.37	53.09	
7838	44.58	33.74	100.27	55.69	
7839	42.68	10.32	100.11	57.43	
7840	42.36	163.15	99.99	57.63	
7841	46.83	0	100.94	54.11	
7842	45.93	9.49	100.46	54.53	
7843	44.83	46.45	100.25	55.42	
7844	44.22	3.29	99.66	55.44	
7845	43.1	42.37	99.6	56.5	
7846	44.5	70.37	100.11	55.61	
7847	42.38	55.55	100.16	57.78	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
7848	42.4	73.04	100.08	57.68	
7849	42.59	103.39	99.9	57.31	
7850	43.85	84.15	100.08	56.23	
7851	42.55	66.16	100.02	57.47	
7852	42.19	85.13	100.13	57.94	
7853	42.26	45.66	99.53	57.27	
7854	42.33	104.2	99.35	57.02	
7855	42.14	454.91	99.29	57.15	
7856	45.21	1010.44	101.75	56.54	
7857	44.74	17.34	101.35	56.61	
7858	44.34	760.06	102.41	58.07	
7859	44.25	25.5	102.4	58.15	
7860	42.39	71.98	100.31	57.92	
7861	42.2	38.91	100.34	58.14	
7862	43.08	33.42	102.38	59.3	
7863	42.89	0	102.37	59.48	
7864	44.42	67.5	101.69	57.27	
7865	43.04	129.62	101.65	58.61	
7866	44.58	38.68	101.4	56.82	
7867	43.04	70.49	101.21	58.17	
7868	42.97	67.93	100.75	57.78	
7869	45.21	49.96	100.72	55.51	
7870	42.83	59.35	100.59	57.76	
7871	45.53	74.09	100.46	54.93	
7872	42.45	93.7	100.41	57.96	
7873	45.54	72.38	100.43	54.89	
7874	42.71	1513.18	98.79	56.08	
7875	42.7	48.42	98.79	56.09	
7876	42.74	95.85	98.94	56.2	
7877	42.11	67.3	99.52	57.41	
7878	42.31	55.68	99.24	56.93	
7879	42.76	45.2	99.1	56.34	
7880	42.78	56.38	99.34	56.56	
7881	42.19	59.23	99.17	56.98	
7882	42.74	23.97	99.34	56.6	
7883	42.13	86.96	99.19	57.06	
7884	42.74	52.86	99.38	56.64	
7885	42.07	71.03	99.22	57.15	
7886	43.23	101.58	100.25	57.02	
7887	43.29	194.85	100.27	56.98	
7888	42.87	0.59	100.37	57.5	
7889	42.71	79.31	100.22	57.51	
7890	42.77	96.2	101.24	58.47	
7891	42.8	57.22	101.23	58.43	
7892	42.92	239.75	100.83	57.91	
7893	43.41	118.91	101.55	58.14	
7894	43.88	113.15	101.73	57.85	
7895	43.94	73.9	102.23	58.29	
7896	43.25	206.14	101.1	57.85	
7897	43.32	75.43	100.16	56.84	
7898	43.25	182.93	100.76	57.51	
7899	43.05	296.96	100.82	57.77	
7900	43.02	26.84	100.43	57.41	
7901	42.75	15.44	101.15	58.4	
7902	42.83	581.63	101.34	58.51	
7903	43.25	134.21	99.89	56.64	
7904	44.15	0	99.89	55.74	
7905	42.65	243.52	99.71	57.06	
7906	42.74	22.96	99.64	56.9	
7907	43.78	15.68	102.01	58.23	
7908	43.23	57.12	101.18	57.95	
7909	43.23	94.67	100.95	57.72	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
7910	43.25	243.81	100.79	57.54	
7911	43.29	119.33	100.73	57.44	
7912	43.07	96.21	100.49	57.42	
7913	44.24	135.13	100.35	56.11	
7914	44.46	0	100.34	55.88	
7915	43.58	0	101.82	58.24	
7916	43.38	96.2	101.01	57.63	
7917	43.26	103.54	100.91	57.65	
7918	43.34	46.57	100.77	57.43	
7919	43.49	11.92	100.7	57.21	
7920	44.88	29.52	100.66	55.78	
7921	44.23	0	101.71	57.48	
7922	44.23	48.76	101.3	57.07	
7923	44.26	41.27	100.92	56.66	
7924	43.9	32.22	100.92	57.02	
7925	43.87	107.41	100.75	56.88	
7926	45.48	30.73	100.75	55.27	
7927	44.21	90.48	100.83	56.62	
7928	44.65	95.41	100.85	56.2	
7929	44.16	23.68	100.83	56.67	
7930	44.51	188.49	100.86	56.35	
7931	44.63	166.18	100.89	56.26	
7932	44.81	40.34	101.06	56.25	
7933	44.57	119.49	100.83	56.26	
7934	46.73	45.97	101.5	54.77	
7935	45.53	71.35	100.84	55.31	
7936	45.44	110.04	101.18	55.74	
7937	45.88	22.13	101.38	55.5	
7938	44.19	109.23	100.79	56.6	
7939	43.72	203.6	100.94	57.22	
7940	43.58	207.73	100.71	57.13	
7941	45.66	76.55	101	55.34	
7942	50.57	651.85	98.72	48.15	
7943	42.57	774.34	98.75	56.18	
7944	43.05	24.1	98.79	55.74	
7945	41.32	914.05	98.85	57.53	
7946	41.93	1137.28	98.67	56.74	
7947	42.23	460.81	99.08	56.85	
7948	42.02	772.98	99.15	57.13	
7949	43.32	910.71	98.67	55.35	
7950	42.53	0.29	98.1	55.57	
7951	42.89	141.53	98.16	55.27	
7952	41.79	157.53	98.16	56.37	
7953	41.85	89.86	98.15	56.3	
7954	41.83	67.3	98.15	56.32	
7955	41.84	69.6	98.16	56.32	
7956	41.78	118.44	98.18	56.4	
7957	41.38	177.28	98.18	56.8	
7958	57.73	145.44	98.58	40.85	
7959	55.82	27.92	98.77	42.95	
7960	55.55	2.87	98.77	43.22	
7961	54.43	3.5	98.77	44.34	
7962	46.64	0	99.76	53.12	
7963	46.64	9.33	99.76	53.12	
7964	56.95	9.65	98.87	41.92	
7965	56.95	13.46	98.75	41.8	
7966	60.16	12.05	98.86	38.7	
7967	60.05	10.5	98.85	38.8	
7968	62.53	22.25	98.76	36.23	
7969	62.53	10.29	98.76	36.23	
7970	61.56	64.85	98.79	37.23	
7971	59.94	20.42	98.75	38.81	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
7972	62.54	12.58	98.75	36.21	
7973	60.08	7.2	98.75	38.67	
7974	62.66	18.39	98.75	36.09	
7975	56.95	30.52	98.88	41.93	
7976	56.8	19.09	98.88	42.08	
7977	54.64	3.02	98.89	44.25	
7978	59.75	173.47	98.87	39.12	
7979	56.89	76.83	98.9	42.01	
7980	57.12	44.98	98.93	41.81	
7981	55.33	76.86	98.91	43.58	
7982	54.64	17.53	98.9	44.26	
7983	55.16	21.26	98.91	43.75	
7984	55.24	68.19	98.92	43.68	
7985	54.81	61.45	98.96	44.15	
7986	54.63	3.8	98.97	44.34	
7987	54.54	7.9	98.97	44.43	
7988	54.57	12.75	98.89	44.32	
7989	54.41	25.63	98.9	44.49	
7990	50.36	38.97	98.91	48.55	
7991	54.64	32.56	98.93	44.29	
7992	53.78	43.56	98.97	45.19	
7993	53.92	6.37	98.98	45.06	
7994	54.83	17.75	99.07	44.24	
7995	54.91	49.58	99.09	44.18	
7996	54.86	9.8	99.17	44.31	
7997	55.15	4.03	99.21	44.06	
7998	54.48	86.33	99.21	44.73	
7999	55.06	90.54	99.02	43.96	
8000	54.05	15.1	99.03	44.98	
8001	55.12	22.5	99.09	43.97	
8002	52.59	10.8	99.31	46.72	
8003	53.68	30.57	99.28	45.6	
8004	53.57	0	99.28	45.71	
8005	52.9	13.68	99.43	46.53	
8006	52.68	1.22	99.42	46.74	
8007	52.61	10.75	99.34	46.73	
8008	56.7	23.24	98.93	42.23	
8009	56.58	36.93	98.92	42.34	
8010	58.31	49.47	98.93	40.62	
8011	53.42	45	98.93	45.51	
8012	56.59	5.69	98.93	42.34	
8013	52.7	25.16	98.93	46.23	
8014	54.47	24.37	98.94	44.47	
8015	55.73	23.85	98.94	43.21	
8016	56.64	7.9	98.93	42.29	
8017	52.45	938.52	98.99	46.54	
8018	52.21	25.25	98.95	46.74	
8019	53.93	43.78	98.94	45.01	
8020	54.8	61.5	98.94	44.14	
8021	57.06	48.26	98.94	41.88	
8022	56.75	20.87	98.94	42.19	
8023	52.08	33.52	98.95	46.87	
8024	53.7	23.06	98.95	45.25	
8025	54.66	28.62	98.95	44.29	
8026	54.54	28.5	98.95	44.41	
8027	54.1	26.16	98.95	44.85	
8028	54.15	60.17	98.96	44.81	
8029	52.34	34.9	98.96	46.62	
8030	51.68	30.52	98.96	47.28	
8031	51.27	24.4	98.99	47.72	
8032	51.22	38.09	99.02	47.8	
8033	52.28	29.97	98.98	46.7	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
8034	52.94	34.2	98.97	46.03	
8035	52.64	33.85	98.97	46.33	
8036	53.94	42.64	98.97	45.03	
8037	51.29	85.41	98.99	47.7	
8038	51.81	68.38	98.97	47.16	
8039	51.07	18.08	99	47.93	
8040	51.19	50.05	99.01	47.82	
8041	51.19	27.27	99.01	47.82	
8042	50.87	23.79	99.01	48.14	
8043	50.69	12.84	99.02	48.33	
8044	50.88	41.14	99.12	48.24	
8045	51.1	49.49	99.02	47.92	
8046	51.29	37.33	99.01	47.72	
8047	50.85	41.99	99.04	48.19	
8048	50.51	33.82	99.27	48.76	
8049	50.51	0	99.27	48.76	
8050	50.07	0	99.42	49.35	
8051	50.12	30.16	99.43	49.31	
8052	50.45	23.76	99.1	48.65	
8053	50.93	21.68	99.09	48.16	
8054	50.53	41.02	99.08	48.55	
8055	50.24	37.07	99.07	48.83	
8056	50.58	34.38	99.02	48.44	
8057	50.28	24.45	99.02	48.74	
8058	50.18	43.31	99.03	48.85	
8059	50.58	19.29	99.02	48.44	
8060	51.48	60.17	99.02	47.54	
8061	52.22	53.97	99.02	46.8	
8062	50.35	14.4	99.02	48.67	
8063	53.63	24.64	98.91	45.28	
8064	55.1	20.94	98.92	43.82	
8065	54.1	28.31	98.9	44.8	
8066	54.14	1.03	98.9	44.76	
8067	53.78	35.12	98.9	45.12	
8068	53.16	29.6	98.9	45.74	
8069	52.45	30.56	98.9	46.45	
8070	52.65	13.55	98.91	46.26	
8071	53.19	27.96	98.91	45.72	
8072	53.05	5.29	98.91	45.86	
8073	52.94	6.44	98.9	45.96	
8074	52.53	28.13	98.92	46.39	
8075	52.48	87.88	98.92	46.44	
8076	51.7	38.67	98.91	47.21	
8077	51.86	74.84	98.87	47.01	
8078	51.43	39.37	98.87	47.44	
8079	51.33	86.46	98.86	47.53	
8080	51.11	19.78	98.86	47.75	
8081	51.06	44.14	98.88	47.82	
8082	50.72	42.35	98.88	48.16	
8083	50.8	95.88	98.87	48.07	
8084	50.94	38.94	98.88	47.94	
8085	51.28	73.11	98.88	47.6	
8086	51.43	17.73	98.9	47.47	
8087	50.36	24.33	98.91	48.55	
8088	50.51	32.05	98.92	48.41	
8089	50.77	33.98	98.9	48.13	
8090	50.28	96.66	98.88	48.6	
8091	50.05	34.03	98.96	48.91	
8092	49.94	31.04	99.04	49.1	
8093	50.2	45.89	98.96	48.76	
8094	49.91	58.09	98.97	49.06	
8095	50.89	80.87	98.95	48.06	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
8096	50.15	35.16	99.17	49.02	
8097	49.86	59.72	99.36	49.5	
8098	52.21	29.3	98.92	46.71	
8099	52.94	37.08	98.9	45.96	
8100	52.05	19.17	98.91	46.86	
8101	52.64	43.47	98.9	46.26	
8102	52.81	9.08	98.9	46.09	
8103	51.67	22.46	98.92	47.25	
8104	53.56	9.97	98.9	45.34	
8105	54.08	11.77	98.94	44.86	
8106	53.66	14.11	98.95	45.29	
8107	54.05	16.49	98.97	44.92	
8108	53.13	69.26	98.94	45.81	
8109	52.84	5.22	98.97	46.13	
8110	52.51	19.53	98.94	46.43	
8111	51.84	110.01	98.91	47.07	
8112	52.55	5.18	98.97	46.42	
8113	52.34	17.55	98.91	46.57	
8114	51.75	65.01	98.9	47.15	
8115	51.63	38.01	98.89	47.26	
8116	51.69	43.01	98.9	47.21	
8117	51.54	15.65	98.89	47.35	
8118	51.87	18.64	98.91	47.04	
8119	51.94	36.85	98.92	46.98	
8120	52.62	13.65	98.95	46.33	
8121	51.95	26.96	98.9	46.95	
8122	51.49	39.14	98.9	47.41	
8123	51.79	109.57	98.88	47.09	
8124	52.14	101.53	98.89	46.75	
8125	51.56	134.38	98.87	47.31	
8126	51.68	57.14	98.88	47.2	
8127	50.91	5.99	98.9	47.99	
8128	51.48	73.43	98.89	47.41	
8129	51.41	28.04	98.95	47.54	
8130	51.22	33.81	98.9	47.68	
8131	51.38	62.93	98.95	47.57	
8132	50.69	13.05	98.97	48.28	
8133	51.31	142.29	98.94	47.63	
8134	50.87	65.67	98.99	48.12	
8135	53.53	28.13	99.07	45.54	
8136	53.92	54.95	98.99	45.07	
8137	52.85	20.89	99	46.15	
8138	53.16	31.74	99.07	45.91	
8139	53.62	43.6	99.22	45.6	
8140	54.05	17.91	99.13	45.08	
8141	54.07	1.03	99.25	45.18	
8142	52.78	27.35	99.41	46.63	
8143	52.85	59.47	99.38	46.53	
8144	53.56	18.21	99.15	45.59	
8145	52.55	27.87	99.01	46.46	
8146	53.27	79.66	99.1	45.83	
8147	53.54	43.12	99.21	45.67	
8148	53.49	20.57	99.26	45.77	
8149	53.22	22.62	99.35	46.13	
8150	52.19	64.41	99.04	46.85	
8151	52.5	60.95	99.33	46.83	
8152	52.56	26.42	99.33	46.77	
8153	52.56	1.17	99.33	46.77	
8154	52.43	23.11	99.32	46.89	
8155	52.65	91.59	99.16	46.51	
8156	52.62	23.03	99.06	46.44	
8157	52.2	23.77	99.22	47.02	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
8158	51.82	6.32	99.29	47.47	
8159	51.81	352.06	99.32	47.51	
8160	52.64	4.89	99.12	46.48	
8161	52.36	28.73	99.11	46.75	
8162	53.38	187.85	99.21	45.83	
8163	53.55	259.4	99.07	45.52	
8164	52.4	54.01	99.07	46.67	
8165	52.08	66.67	99.09	47.01	
8166	48.71	43.49	99.07	50.36	
8167	51.78	27.79	99.07	47.29	
8168	51.82	1.59	99.08	47.26	
8169	51.29	88.08	99.08	47.79	
8170	54.25	44.53	99.07	44.82	
8171	48.62	26.71	99.07	50.45	
8172	48.86	31.55	99.46	50.6	
8173	49.25	148.56	99.5	50.25	
8174	49.1	23.37	99.81	50.71	
8175	49.43	0	99.8	50.37	
8176	49.68	17.97	99.35	49.67	
8177	49.54	18.85	99.37	49.83	
8178	49.4	23.92	99.35	49.95	
8179	49.56	49.42	99.34	49.78	
8180	49.35	307.78	99.3	49.95	
8181	49.08	4.95	99.46	50.38	
8182	49.08	27.49	99.36	50.28	
8183	49.94	53.31	99.35	49.41	
8184	49.55	87.59	99.35	49.8	
8185	49.61	25.77	99.46	49.85	
8186	49.78	33.2	99.41	49.63	
8187	49.87	74.62	99.38	49.51	
8188	50.08	37.72	99.38	49.3	
8189	50.17	66.84	99.37	49.2	
8190	50.6	27.72	99.37	48.77	
8191	49.94	0	99.53	49.59	
8192	50.61	23.73	99.37	48.76	
8193	49.94	40.06	99.37	49.43	
8194	50.18	38.4	99.37	49.19	
8195	50.08	75.1	99.33	49.25	
8196	50.18	26.59	99.35	49.17	
8197	50.39	35.08	99.33	48.94	
8198	50.49	6.5	99.36	48.87	
8199	50.19	11.89	99.36	49.17	
8200	50.19	16.19	99.37	49.18	
8201	50.2	71.95	99.37	49.17	
8202	50.14	64.02	99.38	49.24	
8203	49.71	52.93	99.39	49.68	
8204	49.82	29.3	99.47	49.65	
8205	50.12	27.66	99.42	49.3	
8206	49.86	8.81	99.46	49.6	
8207	50.05	10.02	99.37	49.32	
8208	50.05	5.63	99.37	49.32	
8209	50.19	15.5	99.36	49.17	
8210	50.34	1.12	99.33	48.99	
8211	50.54	25.89	99.32	48.78	
8212	68.3	12.23	98.3	30	
8213	70.12	14.07	98.38	28.26	
8214	73.25	24.72	98.41	25.16	
8215	72.82	60.63	98.45	25.63	
8216	69.56	38.19	98.2	28.64	
8217	73.59	60.47	98.26	24.67	
8218	72.26	9.9	98.2	25.94	
8219	73.94	4.97	98.21	24.27	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
8220	81.12	122.73	98.35	17.23	
8221	71.06	13.13	98.4	27.34	
8222	72.24	14.18	98.41	26.17	
8223	70.53	3.37	98.51	27.98	
8224	69.05	11.6	98.59	29.54	
8225	67.61	6.15	98.59	30.98	
8226	87.1	58.26	98.59	11.49	
8227	68.67	2.44	98.69	30.02	
8228	68.67	14.96	98.68	30.01	
8229	89.81	32.25	98.65	8.84	
8230	82.2	22.97	98.61	16.41	
8231	85.57	38.8	98.65	13.08	
8232	81.12	41.8	98.62	17.5	
8233	74.28	148.31	98.63	24.35	
8234	67.77	13.94	98.61	30.84	
8235	57.87	123.92	98.61	40.74	
8236	60.2	8.19	98.59	38.39	
8237	58.89	6.46	98.6	39.71	
8238	58.48	2.86	98.58	40.1	
8239	55.81	34.91	98.6	42.79	
8240	60	17.49	98.58	38.58	
8241	72.47	24.38	98.58	26.11	
8242	69.54	12.66	98.58	29.04	
8243	70.6	43.08	98.56	27.96	
8244	73.16	19.46	98.58	25.42	
8245	67.53	57.2	98.56	31.03	
8246	68.41	28	98.57	30.16	
8247	69.33	6.79	98.58	29.25	
8248	64.62	30.01	98.57	33.95	
8249	64.66	57.92	98.57	33.91	
8250	63.54	10.63	98.58	35.04	
8251	66.25	18.86	98.58	32.33	
8252	65.71	8.06	98.58	32.87	
8253	62.48	51.2	98.59	36.11	
8254	61.39	33.07	98.59	37.2	
8255	61.39	14.06	98.59	37.2	
8256	64.12	24.94	98.6	34.48	
8257	55.61	32.57	98.75	43.14	
8258	55.35	36.07	98.8	43.45	
8259	60.5	85.74	98.63	38.13	
8260	65.48	5.93	98.93	33.45	
8261	55.06	0.31	98.93	43.87	
8262	55.2	98.69	98.62	43.42	
8263	65.3	79.24	98.26	32.96	
8264	68.5	19.68	98.64	30.14	
8265	65.5	41.84	98.61	33.11	
8266	71.78	39.59	98.61	26.83	
8267	70.53	94.41	98.56	28.03	
8268	70.53	2.57	98.56	28.03	
8269	69.56	39.54	98.53	28.97	
8270	68.05	3.26	98.59	30.54	
8271	68.5	46.33	98.52	30.02	
8272	65.22	217.43	98.51	33.29	
8273	55.93	94.26	98.74	42.81	
8274	55.75	1294.21	98.78	43.03	
8275	55.78	50.8	98.78	43	
8276	54.4	6.52	98.5	44.1	
8277	55.12	40.44	98.5	43.38	
8278	55.12	161.35	98.58	43.46	
8279	54.54	9.27	98.7	44.16	
8280	55.41	84.39	98.55	43.14	
8281	54.34	3.52	98.8	44.46	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
8282	59.24	17.1	99.09	39.85	
8283	59.7	5.94	99.07	39.37	
8284	56.17	58.72	98.73	42.56	
8285	57.65	26.49	98.77	41.12	
8286	55.87	31.35	98.75	42.88	
8287	57.26	51.15	98.72	41.46	
8288	55.62	75.64	98.71	43.09	
8289	57.91	29.86	98.72	40.81	
8290	55.64	51.44	99.3	43.66	
8291	55.1	112.82	98.63	43.53	
8292	57.83	8.3	98.99	41.16	
8293	56.94	0.92	98.98	42.04	
8294	57.18	22.88	98.97	41.79	
8295	57.42	0	98.97	41.55	
8296	56.84	3.95	98.97	42.13	
8297	56.69	4.76	98.97	42.28	
8298	56.47	7.87	98.97	42.5	
8299	56.66	19.68	98.89	42.23	
8300	56.64	8.47	98.89	42.25	
8301	56.47	79.22	98.89	42.42	
8302	57.18	0	98.83	41.65	
8303	57.18	16.3	98.83	41.65	
8304	57.15	18.17	98.83	41.68	
8305	57.09	22.06	98.83	41.74	
8306	56.92	9.85	98.81	41.89	
8307	90.85	4.86	163.25	72.4	
8308	60.37	4.32	98.59	38.22	
8309	60.54	38.45	98.64	38.1	
8310	58.21	21.45	98.7	40.49	
8311	58.69	51.9	98.68	39.99	
8312	57.85	5.49	98.71	40.86	
8313	57.85	42.02	98.82	40.97	
8314	57.87	18.59	98.69	40.82	
8315	57.58	4.94	98.68	41.1	
8316	57.41	19.21	98.69	41.28	
8317	57.89	18.78	98.68	40.79	
8318	58.07	53.06	98.67	40.6	
8319	58.46	34.11	98.27	39.81	
8320	58.11	1.46	98.67	40.56	
8321	57.87	21.41	98.58	40.71	
8322	58.52	773.13	98.11	39.59	
8323	60.43	0.17	98.64	38.21	
8324	59.35	4.47	98.5	39.15	
8325	58.78	8.97	98.49	39.71	
8326	60.94	51.9	98.54	37.6	
8327	60.25	0.78	98.56	38.31	
8328	61.23	13.98	98.55	37.32	
8329	61.85	3.89	98.55	36.7	
8330	61.54	31.95	98.54	37	
8331	61.24	41.65	98.54	37.3	
8332	59.84	4.03	98.54	38.7	
8333	62.93	117.52	98.58	35.65	
8334	62.93	0	98.6	35.67	
8335	61.67	9.23	98.55	36.88	
8336	61.48	16.77	98.55	37.07	
8337	62.26	15.91	98.55	36.29	
8338	63.56	3.93	98.56	35	
8339	62.68	6.39	98.55	35.87	
8340	64.19	48.89	98.55	34.36	
8341	66.37	0	98.59	32.22	
8342	66.37	52.39	98.58	32.21	
8343	62.75	0.7	98.55	35.8	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
8344	64.78	1.98	98.55	33.77	
8345	63.44	11.28	98.55	35.11	
8346	65.45	10.82	98.55	33.1	
8347	63.41	3.77	98.55	35.14	
8348	66.45	57.04	98.56	32.11	
8349	62.58	205.73	98.55	35.97	
8350	62.57	5.69	98.55	35.98	
8351	60.79	9.03	98.55	37.76	
8352	61.63	9.54	98.55	36.92	
8353	60.9	0.91	98.55	37.65	
8354	60.53	23.23	98.54	38.01	
8355	59.63	12.76	98.53	38.9	
8356	60.37	18.07	98.54	38.17	
8357	59.64	16.3	98.54	38.9	
8358	60.28	10.03	98.54	38.26	
8359	60.26	7.86	98.54	38.28	
8360	59.62	6.24	98.52	38.9	
8361	59.29	0.42	98.52	39.23	
8362	59.18	15.35	98.51	39.33	
8363	61.08	10.97	98.55	37.47	
8364	73.06	5.9	177.91	104.85	
8365	77.35	5.2	177.91	100.56	
8366	95.16	4.15	177.91	82.75	
8367	70.85	12.51	177.9	107.05	
8368	74.8	0	177.9	103.1	
8369	77.69	7.38	177.9	100.21	
8370	93.51	0.57	177.9	84.39	
8371	91.83	1.69	177.9	86.07	
8372	100.76	7.32	177.89	77.13	
8373	106.09	0.64	177.89	71.8	
8374	50.46	151.58	99.23	48.77	
8375	48.68	30.03	99.33	50.65	
8376	48.88	25.49	99.22	50.34	
8377	48.38	18.72	99.3	50.92	
8378	48.45	21.8	99.34	50.89	
8379	48.78	53.5	99.39	50.61	
8380	48.58	17.27	99.45	50.87	
8381	49.24	10.97	98.58	49.34	
8382	47.86	87.94	99.02	51.16	
8383	48.81	31.1	99.4	50.59	
8384	48.68	42.17	99.4	50.72	
8385	48.44	29.13	99.42	50.98	
8386	49.05	10.27	99.35	50.3	
8387	49.34	42.97	99.35	50.01	
8388	48.68	1.77	99.57	50.89	
8389	48.42	7.96	99.57	51.15	
8390	48.67	24.63	99.52	50.85	
8391	48.65	6.45	99.55	50.9	
8392	48.46	26.59	99.54	51.08	
8393	48.89	57.99	99.44	50.55	
8394	48.46	34.34	99.47	51.01	
8395	48.71	75.56	99.45	50.74	
8396	48.72	41.4	99.42	50.7	
8397	48.8	34.34	99.45	50.65	
8398	48.72	28.31	99.48	50.76	
8399	48.85	4.36	99.48	50.63	
8400	48.71	6.34	99.51	50.8	
8401	48.93	8.92	99.5	50.57	
8402	48.75	8.13	99.53	50.78	
8403	48.93	9.14	99.66	50.73	
8404	48.74	80.83	99.66	50.92	
8405	48.66	35.63	99.56	50.9	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
8406	48.65	15.78	99.6	50.95	
8407	48.68	7.97	99.59	50.91	
8408	48.9	22.76	99.76	50.86	
8409	48.31	38.68	99.75	51.44	
8410	47.49	103.8	99.75	52.26	
8411	48.74	5.49	99.86	51.12	
8412	48.74	0	99.86	51.12	
8413	48.73	10.24	99.82	51.09	
8414	47.85	37.93	99.81	51.96	
8415	48.72	10.98	99.79	51.07	
8416	48.72	0	99.79	51.07	
8417	48.71	6.57	99.75	51.04	
8418	48.86	0	99.72	50.86	
8419	48.69	6.99	99.72	51.03	
8420	47.89	100.82	99.81	51.92	
8421	48.8	38.94	99.73	50.93	
8422	48.76	2.65	99.67	50.91	
8423	48.76	23.45	99.67	50.91	
8424	48.7	2.55	99.62	50.92	
8425	48.55	35.8	99.65	51.1	
8426	48.75	5.29	99.62	50.87	
8427	48.06	6.59	99.59	51.53	
8428	47.92	20.55	99.53	51.61	
8429	48.62	6.51	99.51	50.89	
8430	47.7	11.9	99.54	51.84	
8431	48.63	25.4	99.71	51.08	
8432	48.06	0	99.59	51.53	
8433	46.82	19.22	99.59	52.77	
8434	47.61	22.82	99.54	51.93	
8435	46.78	43.39	99.58	52.8	
8436	46.88	1.09	99.65	52.77	
8437	46.69	28.04	99.59	52.9	
8438	47.25	14.11	99.76	52.51	
8439	47.43	79.13	99.79	52.36	
8440	46.72	40.76	99.81	53.09	
8441	46.73	10.06	99.86	53.13	
8442	47.13	47.64	99.89	52.76	
8443	46.92	20.78	99.94	53.02	
8444	46.46	24.37	100	53.54	
8445	56.55	9.65	97.76	41.21	
8446	56.48	19.94	97.76	41.28	
8447	58.05	6.08	97.8	39.75	
8448	58.17	7.93	97.79	39.62	
8449	61.27	116.92	97.82	36.55	
8450	57.81	82.16	97.8	39.99	
8451	61.05	217.97	97.65	36.6	
8452	60.84	13.68	97.75	36.91	
8453	60.87	267.59	97.62	36.75	
8454	56.94	35.37	97.73	40.79	
8455	57.22	51.71	97.77	40.55	
8456	57.82	1.65	97.79	39.97	
8457	57.06	9.97	97.77	40.71	
8458	56.41	22.46	97.77	41.36	
8459	57.76	12.11	97.78	40.02	
8460	56.16	57.27	97.77	41.61	
8461	55.69	7.47	97.77	42.08	
8462	56.77	51.98	97.77	41	
8463	56.3	52.62	97.77	41.47	
8464	55.94	8.71	97.78	41.84	
8465	56.44	73.38	97.77	41.33	
8466	56.5	41.92	97.78	41.28	
8467	56.61	19.47	97.77	41.16	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
8468	56.29	47.84	97.79	41.5	
8469	53.28	117.97	97.76	44.48	
8470	54.77	40.58	97.8	43.03	
8471	54.05	24.47	97.84	43.79	
8472	51.78	128.93	98.46	46.68	
8473	51.37	65.89	98.68	47.31	
8474	51.79	32.76	98.56	46.77	
8475	52.17	34.71	98.77	46.6	
8476	52.14	143.26	98.77	46.63	
8477	50.69	62.14	98.68	47.99	
8478	50.45	56.36	98.62	48.17	
8479	51.53	114.45	98.61	47.08	
8480	50.41	87.33	98.71	48.3	
8481	50.38	49.88	98.81	48.43	
8482	51.23	45.68	98.75	47.52	
8483	48.06	1.34	98.95	50.89	
8484	48.06	0	98.95	50.89	
8485	48.07	8.97	98.92	50.85	
8486	48.41	43.4	100.13	51.72	
8487	48.31	25.68	100.06	51.75	
8488	48.42	3.06	100.25	51.83	
8489	48.34	5.74	100.12	51.78	
8490	48.62	276.08	100.34	51.72	
8491	48.43	36.25	100.03	51.6	
8492	48.61	32.2	99.94	51.33	
8493	48.65	18.31	99.88	51.23	
8494	48.5	27.65	99.89	51.39	
8495	48.62	46.63	99.93	51.31	
8496	48.66	53.57	100.01	51.35	
8497	48.41	36.95	100.02	51.61	
8498	48.41	70.66	100.05	51.64	
8499	47.44	0.73	100.07	52.63	
8500	47.11	9.89	100.01	52.9	
8501	47.7	32.72	99.98	52.28	
8502	48.37	94.87	99.92	51.55	
8503	48.05	28.5	99.91	51.86	
8504	47.71	12.31	99.9	52.19	
8505	47.1	18.78	99.95	52.85	
8506	46.61	5.91	99.96	53.35	
8507	46.77	45.66	99.93	53.16	
8508	46.69	45.53	99.91	53.22	
8509	46.46	104.1	99.91	53.45	
8510	46.59	28.05	99.91	53.32	
8511	47.06	43.25	99.9	52.84	
8512	46.11	20.55	99.94	53.83	
8513	46.16	14.72	99.94	53.78	
8514	45.88	10.32	99.96	54.08	
8515	45.73	17.53	99.65	53.92	
8516	45.37	0	99.62	54.25	
8517	45.31	0	99.41	54.1	
8518	45.31	6.47	99.41	54.1	
8519	48.63	198.96	99.35	50.72	
8520	52.23	23.75	99.34	47.11	
8521	51.27	6.38	99.23	47.96	
8522	45.46	8	99.23	53.77	
8523	45.93	28.37	99.23	53.3	
8524	45.81	13.75	99.23	53.42	
8525	45.82	6.96	99.24	53.42	
8526	45.65	7.95	99.25	53.6	
8527	45.9	7.66	99.23	53.33	
8528	45.62	33.73	99.26	53.64	
8529	45.57	1.5	99.3	53.73	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
8530	45.32	5.21	99.35	54.03	
8531	46.26	51.53	99.22	52.96	
8532	46.4	47.95	99.17	52.77	
8533	46.17	29.47	99.08	52.91	
8534	48.22	0	98.94	50.72	
8535	48.22	3.29	98.94	50.72	
8536	47.66	4.2	98.97	51.31	
8537	49.44	13.18	98.92	49.48	
8538	47.06	32.08	99.01	51.95	
8539	46.42	10.36	99.08	52.66	
8540	46.26	8.11	99.07	52.81	
8541	46.24	5.69	99.07	52.83	
8542	46.33	24.9	99.07	52.74	
8543	46.91	3.58	99.03	52.12	
8544	47.09	35.85	99.02	51.93	
8545	47.06	14.87	99	51.94	
8546	47.16	22.52	99	51.84	
8547	47.38	14.02	99	51.62	
8548	47.05	10.81	98.99	51.94	
8549	46.75	8.57	99.04	52.29	
8550	46.47	29.84	99.04	52.57	
8551	46.13	7.27	99.09	52.96	
8552	46.42	13.46	99.09	52.67	
8553	46.42	19.18	99.08	52.66	
8554	46.2	6.37	99.13	52.93	
8555	46.5	57.14	99.15	52.65	
8556	45.87	7.28	99.15	53.28	
8557	45.91	12.03	99.14	53.23	
8558	46.28	6.62	99.14	52.86	
8559	46.28	7.38	99.17	52.89	
8560	45.71	9.08	99.23	53.52	
8561	45.9	22.13	99.22	53.32	
8562	45.56	17.82	99.22	53.66	
8563	45.74	8.39	99.27	53.53	
8564	48.21	26.54	99.22	51.01	
8565	45.53	8.52	99.26	53.73	
8566	48.22	34.47	98.95	50.73	
8567	47.16	4.68	99.01	51.85	
8568	45.85	25.72	99.12	53.27	
8569	45.53	4.73	99.26	53.73	
8570	45.84	6.57	99.35	53.51	
8571	45.53	4.2	99.39	53.86	
8572	48.69	156.11	99.45	50.76	
8573	45.89	56.19	99.49	53.6	
8574	56.82	18.55	98.43	41.61	
8575	54.05	11.31	98.42	44.37	
8576	55.38	7.85	98.48	43.1	
8577	54.74	19.85	98.45	43.71	
8578	53.58	9.19	98.43	44.85	
8579	53.78	31.94	98.67	44.89	
8580	53.68	32.27	98.46	44.78	
8581	52.57	21.6	98.48	45.91	
8582	53.21	7.3	98.47	45.26	
8583	53.14	31.81	98.69	45.55	
8584	51.44	17.03	98.52	47.08	
8585	51.81	10.94	98.61	46.8	
8586	52.07	48.78	98.64	46.57	
8587	52.29	9.81	98.75	46.46	
8588	50.38	37.66	98.8	48.42	
8589	49.58	22.77	98.75	49.17	
8590	50.38	2.94	98.86	48.48	
8591	48.62	4.07	98.93	50.31	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
8592	49.12	16.91	98.93	49.81	
8593	49.44	8.36	98.87	49.43	
8594	51.12	28.43	98.41	47.29	
8595	52.48	7.77	98.39	45.91	
8596	52.42	35.98	98.46	46.04	
8597	53.23	0.31	98.27	45.04	
8598	52.1	93.97	98.51	46.41	
8599	51.09	56.51	98.61	47.52	
8600	49.19	38.25	98.71	49.52	
8601	48.88	10.71	98.83	49.95	
8602	52.61	0	98.24	45.63	
8603	52.17	86.46	98.32	46.15	
8604	51.39	19.79	98.29	46.9	
8605	51.11	24.07	98.37	47.26	
8606	51.05	8.68	98.38	47.33	
8607	50.57	9.37	98.4	47.83	
8608	50.61	43.17	98.41	47.8	
8609	50.48	6.45	98.47	47.99	
8610	50.16	52.29	98.48	48.32	
8611	49.11	5.85	98.61	49.5	
8612	48.83	10.71	98.7	49.87	
8613	51.35	17.04	98.7	47.35	
8614	48.6	9.12	98.77	50.17	
8615	66.66	20.39	97.25	30.59	
8616	67.15	6.99	97.59	30.44	
8617	65.32	9.54	97.59	32.27	
8618	66.23	8.61	97.52	31.29	
8619	67.12	0.95	97.52	30.4	
8620	65.94	22.29	97.58	31.64	
8621	65.27	58.85	97.56	32.29	
8622	63.41	22.04	97.58	34.17	
8623	63.45	3.74	97.58	34.13	
8624	63.82	19.01	97.57	33.75	
8625	63.05	21.34	97.57	34.52	
8626	61.25	16.79	97.58	36.33	
8627	59.8	9.74	97.58	37.78	
8628	63.8	21.59	97.58	33.78	
8629	62.17	8.41	97.58	35.41	
8630	57.59	22.21	97.6	40.01	
8631	56.66	12.66	97.6	40.94	
8632	56.6	2.16	97.6	41	
8633	57.55	24.93	97.6	40.05	
8634	58.92	1.92	97.61	38.69	
8635	61.73	13.91	97.58	35.85	
8636	60.17	39.36	97.59	37.42	
8637	60.29	0.3	97.59	37.3	
8638	59.05	3.82	97.61	38.56	
8639	54.12	52.1	97.62	43.5	
8640	56.24	26.49	97.61	41.37	
8641	69.74	30.71	97.25	27.51	
8642	71.91	57.68	97.13	25.22	
8643	69.74	0	97.29	27.55	
8644	59.05	29.87	97.61	38.56	
8645	59.05	23.84	97.26	38.21	
8646	58.68	5.47	97.19	38.51	
8647	68.06	853.32	95.13	27.07	
8648	55.68	117.52	97.09	41.41	
8649	53.65	9.62	97.54	43.89	
8650	68.1	9.73	97.68	29.58	
8651	53.23	4.36	97.65	44.42	
8652	52.84	5.15	97.59	44.75	
8653	52.73	39.02	97.58	44.85	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
8654	61.86	19.53	97.67	35.81	
8655	50.8	5.36	97.58	46.78	
8656	53.52	19.81	97.56	44.04	
8657	50.34	58.65	97.58	47.24	
8658	54.33	202.48	96.72	42.39	
8659	69.93	2.29	97.95	28.02	
8660	69.93	1.72	97.95	28.02	
8661	56.45	47.63	97.94	41.49	
8662	55.39	22.91	97.19	41.8	
8663	54.87	4.54	97.93	43.06	
8664	69.55	3.89	97.93	28.38	
8665	69.12	44.49	97.93	28.81	
8666	63.46	63.85	97.93	34.47	
8667	65.1	20.54	97.93	32.83	
8668	70.2	47.22	97.93	27.73	
8669	57.81	63.1	97.87	40.06	
8670	60.86	35.84	98.01	37.15	
8671	65.68	38.12	97.97	32.29	
8672	67.45	31.69	97.96	30.51	
8673	60.86	8.28	97.95	37.09	
8674	69.68	24.79	97.94	28.26	
8675	60.23	18.92	98.1	37.87	
8676	57.29	24.45	98.1	40.81	
8677	54.24	8.53	98.1	43.86	
8678	57.46	43.29	97.18	39.72	
8679	53.16	21.42	97.29	44.13	
8680	55.94	18.52	97.17	41.23	
8681	53.66	19.09	97.71	44.05	
8682	54.78	38.44	97.74	42.96	
8683	50.92	10.21	97.75	46.83	
8684	54.29	52.55	97.83	43.54	
8685	50.08	8.33	97.75	47.67	
8686	52.12	15.49	97.83	45.71	
8687	53.29	28.28	97.14	43.85	
8688	52.8	31.53	97.63	44.83	
8689	52.12	0.55	97.63	45.51	
8690	54.87	54.56	97.93	43.06	
8691	54.24	5.53	97.84	43.6	
8692	53.63	13.63	97.99	44.36	
8693	53.63	18.59	98.01	44.38	
8694	64.53	4.94	97.97	33.44	
8695	53.66	8.02	98.14	44.48	
8696	58.56	59.57	98.2	39.64	
8697	56.29	10.66	98.22	41.93	
8698	70.56	15.35	98.24	27.68	
8699	56.29	11.6	98.22	41.93	
8700	56.75	39.1	98.25	41.5	
8701	67.83	20.54	98.33	30.5	
8702	53.26	8.71	98.31	45.05	
8703	73.34	7.64	98.29	24.95	
8704	52.55	5.84	98.37	45.82	
8705	56.75	16.57	98.03	41.28	
8706	64.52	7.44	98.42	33.9	
8707	68.81	6.24	98.31	29.5	
8708	68.3	0.99	98.48	30.18	
8709	67.11	6.45	98.31	31.2	
8710	72.83	38.68	97.97	25.14	
8711	66.18	9.46	97.98	31.8	
8712	72.84	58.56	97.96	25.12	
8713	68.62	16.83	97.95	29.33	
8714	73.1	8.63	97.96	24.86	
8715	71.68	19.57	97.98	26.3	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
8716	54.69	1.26	98.45	43.76	
8717	54.69	0.31	98.45	43.76	
8718	65.88	14.62	98.43	32.55	
8719	59.91	18.38	98.44	38.53	
8720	61.32	33.29	98.44	37.12	
8721	62.57	14.35	98.44	35.87	
8722	57.55	26.33	98.44	40.89	
8723	64.44	12.27	98.44	34	
8724	58.63	22.76	98.44	39.81	
8725	56.88	0	98.44	41.56	
8726	56.29	9.42	98.44	42.15	
8727	61.22	0	98.44	37.22	
8728	61.22	0	98.44	37.22	
8729	61.23	38.48	98.43	37.2	
8730	68.31	22.84	98.43	30.12	
8731	67.38	31.85	98.41	31.03	
8732	67.15	0	98.41	31.26	
8733	70.15	28.05	98.42	28.27	
8734	68.22	0	98.42	30.2	
8735	70.12	8.2	98.42	28.3	
8736	60.17	33.77	98.47	38.3	
8737	65.69	48.34	98.4	32.71	
8738	65.09	6.7	98.42	33.33	
8739	59.16	22.29	98.47	39.31	
8740	55.07	10.47	98.47	43.4	
8741	56.22	31.85	98.48	42.26	
8742	46.95	0.64	98.5	51.55	
8743	50.12	35.56	98.51	48.39	
8744	51.61	0.95	98.49	46.88	
8745	47.74	4.69	98.61	50.87	
8746	55.53	1226.69	98.5	42.97	
8747	59.4	28.97	98.44	39.04	
8748	56.31	13.53	98.44	42.13	
8749	56.58	24.05	98.44	41.86	
8750	61.42	79.31	98.44	37.02	
8751	59.27	10.43	98.44	39.17	
8752	63.91	21.24	98.44	34.53	
8753	66.39	35.15	98.44	32.05	
8754	66.07	5.43	98.44	32.37	
8755	55.2	183.49	98.45	43.25	
8756	57.91	236.13	98.44	40.53	
8757	59.7	50.67	98.44	38.74	
8758	65.49	74.68	98.67	33.18	
8759	56.65	23.77	98.46	41.81	
8760	64.45	31.3	98.7	34.25	
8761	62.7	7.28	98.61	35.91	
8762	62.36	25.81	98.54	36.18	
8763	67.08	0	98.63	31.55	
8764	67.11	15.26	98.59	31.48	
8765	66.91	30.01	98.53	31.62	
8766	61.8	0	98.71	36.91	
8767	61.75	15.62	98.7	36.95	
8768	64.9	0.6	98.67	33.77	
8769	66.75	16.61	98.59	31.84	
8770	62.42	9.63	98.54	36.12	
8771	62.58	6.49	98.53	35.95	
8772	62.29	29.84	98.54	36.25	
8773	60.8	16.25	98.7	37.9	
8774	57.58	8.63	98.71	41.13	
8775	61.8	5.3	98.69	36.89	
8776	60.67	26.35	98.69	38.02	
8777	53.92	7.86	98.69	44.77	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
8778	65.84	91.75	98.69	32.85	
8779	62.57	24.4	98.69	36.12	
8780	66.91	1.92	98.67	31.76	
8781	72.41	29.99	99.07	26.66	
8782	64.45	41.65	98.69	34.24	
8783	49.58	0.83	98.59	49.01	
8784	50.47	20.56	98.46	47.99	
8785	50.99	17.97	98.46	47.47	
8786	51.18	12.61	98.46	47.28	
8787	50.69	1304.21	98.43	47.74	
8788	47.53	115.03	98.43	50.9	
8789	46.76	102.37	98.59	51.83	
8790	51.14	32.47	98.52	47.38	
8791	45.75	0.6	98.54	52.79	
8792	45.78	5.72	98.5	52.72	
8793	46.07	4.76	98.49	52.42	
8794	46.07	10.76	98.48	52.41	
8795	45.32	30.26	98.5	53.18	
8796	48.91	10.94	98.47	49.56	
8797	45.81	8.8	98.47	52.66	
8798	45.55	40.75	98.44	52.89	
8799	45.57	2.9	98.43	52.86	
8800	45.57	52.24	98.44	52.87	
8801	81.41	0	101.6	20.19	
8802	79.18	0	160.51	81.33	
8803	79.18	0	96.82	17.64	
8804	81.41	0	160.5	79.09	
8805	83.84	5.2	101.6	17.76	
8806	80	0	96.82	16.82	
8807	74.08	16.09	96.83	22.75	
8808	66.68	5.51	96.86	30.18	
8809	67.39	0.31	96.86	29.47	
8810	71.43	0	96.82	25.39	
8811	71.05	56.91	96.85	25.8	
8812	64.18	13.93	96.85	32.67	
8813	66.15	4.3	96.8	30.65	
8814	65.94	7.86	96.8	30.86	
8815	74.63	16.49	96.72	22.09	
8816	73.2	19.52	96.68	23.48	
8817	72.77	24.64	96.68	23.91	
8818	71.44	56.81	96.67	25.23	
8819	65.43	321.34	96.71	31.28	
8820	67.68	34.82	96.78	29.1	
8821	70.25	26.4	96.73	26.48	
8822	61.22	67.96	96.68	35.46	
8823	67.1	698.75	96.62	29.52	
8824	71.54	330	96.62	25.08	
8825	66.12	35.56	96.62	30.5	
8826	66.09	81.04	96.63	30.54	
8827	63.74	24.08	96.65	32.91	
8828	65.64	59.41	96.64	31	
8829	66.55	260.91	96.64	30.09	
8830	67.7	6.94	96.63	28.93	
8831	67.61	18.59	96.63	29.02	
8832	68.56	27.82	96.67	28.11	
8833	70.22	77.22	96.65	26.43	
8834	68.58	23.77	96.77	28.19	
8835	66.62	13.68	96.79	30.17	
8836	67.22	9.08	96.79	29.57	
8837	69.18	12.14	96.79	27.61	
8838	73.31	11.88	96.79	23.48	
8839	72.83	10.95	96.69	23.86	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
8840	66.42	51.01	96.84	30.42	
8841	65.66	36.99	96.82	31.16	
8842	66.6	15.54	96.83	30.23	
8843	70.17	14.62	96.86	26.69	
8844	67.54	251.88	94.86	27.32	
8845	69.779	1.86	97.35	27.57	
8846	68.84	27.01	97.36	28.52	
8847	72.18	7.5	97.35	25.17	
8848	68.68	5.84	97.38	28.7	
8849	68.4	81.51	97.37	28.97	
8850	72.16	3.44	97.39	25.23	
8851	70.78	198.3	97.34	26.56	
8852	69.55	103.23	97.41	27.86	
8853	60.54	14.39	97.43	36.89	
8854	64.89	1.61	97.43	32.54	
8855	69.47	71.13	97.44	27.97	
8856	68.72	19.44	97.44	28.72	
8857	67.62	18.51	97.47	29.85	
8858	69.8	1635.7	97.31	27.51	
8859	64.13	238.22	97.33	33.2	
8860	61.05	128.12	97.48	36.43	
8861	60.06	0.64	97.52	37.46	
8862	61.46	22.62	97.49	36.03	
8863	71.78	66.59	97.31	25.53	
8864	58.91	421.81	96.55	37.64	
8865	57.52	1144.3	97.67	40.15	
8866	58.4	206.49	97.52	39.12	
8867	60.4	5.85	97.65	37.25	
8868	61.94	31.94	97.66	35.72	
8869	71.05	696.87	97.45	26.4	
8870	58.05	414.45	97.91	39.86	
8871	59.94	143.59	97.88	37.94	
8872	56.23	18.56	97.87	41.64	
8873	56.59	16.27	97.37	40.78	
8874	57.46	267.58	96.98	39.52	
8875	66.65	0	97.6	30.95	
8876	65.9	5.1	97.6	31.7	
8877	61.67	35.23	97.38	35.71	
8878	61.34	5.85	97.66	36.32	
8879	60.24	12.77	97.66	37.42	
8880	60.37	24.08	97.37	37	
8881	56.82	31.16	97.59	40.77	
8882	56.82	113.76	97.67	40.85	
8883	53.41	0.77	97.74	44.33	
8884	51.22	0.79	97.74	46.52	
8885	62.49	2.73	96.1	33.61	
8886	62.32	9.63	96.11	33.79	
8887	59.74	8.87	96.08	36.34	
8888	59.73	6.99	96.07	36.34	
8889	57.38	0.31	95.99	38.61	
8890	57.38	369.36	95.98	38.6	
8891	58.52	7.33	96.05	37.53	
8892	60.62	5.25	96.1	35.48	
8893	61.64	0.64	96.09	34.45	
8894	56.94	46.29	96.14	39.2	
8895	59.4	0	96.19	36.79	
8896	59.4	0	96.19	36.79	
8897	59.4	0	96.16	36.76	
8898	59.57	1.51	96.1	36.53	
8899	55.64	381	96.03	40.39	
8900	58.07	38.32	96.05	37.98	
8901	58.59	5.81	96.06	37.47	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
8902	56.91	7.39	96.03	39.12	
8903	56.52	34.76	96.04	39.52	
8904	57.56	16.64	96.06	38.5	
8905	60.2	5.15	96.07	35.87	
8906	59.82	3.69	96.08	36.26	
8907	60.38	265.85	96.32	35.94	
8908	64.72	14.41	96.11	31.39	
8909	64.53	6.85	96.12	31.59	
8910	63.3	4.38	96.12	32.82	
8911	63.35	19.56	96.1	32.75	
8912	63.76	11.06	96.13	32.37	
8913	61.69	18.62	96.1	34.41	
8914	61.77	23.47	96.1	34.33	
8915	63.06	5.98	96.11	33.05	
8916	61.34	22.93	96.1	34.76	
8917	61.34	6.14	96.1	34.76	
8918	63.11	64.8	96.22	33.11	
8919	60.62	31.53	96.12	35.5	
8920	71.05	336.75	96.2	25.15	
8921	60.09	29.23	96.11	36.02	
8922	58.5	53.54	96.1	37.6	
8923	58.07	38.96	96.1	38.03	
8924	58.07	44.88	96.1	38.03	
8925	57.73	7.77	96.11	38.38	
8926	57.17	5.98	96.12	38.95	
8927	57.63	2.48	96.12	38.49	
8928	56.78	0	96.12	39.34	
8929	56.39	71.18	96.11	39.72	
8930	56.4	8.08	96.11	39.71	
8931	57.84	43.01	96.11	38.27	
8932	59.4	4.26	96.14	36.74	
8933	58.92	10.01	96.12	37.2	
8934	59.61	30.17	96.19	36.58	
8935	59.77	5.56	96.2	36.43	
8936	56.39	135.6	96.16	39.77	
8937	63.88	42.74	96.2	32.32	
8938	65.9	1.16	96.23	30.33	
8939	63.62	10.99	96.26	32.64	
8940	63.36	81.95	96.23	32.87	
8941	68.15	21.74	96.28	28.13	
8942	62.72	19.95	96.27	33.55	
8943	59.59	42.39	96.35	36.76	
8944	64.15	55.61	96.13	31.98	
8945	66.26	33.25	96.13	29.87	
8946	62.93	15.19	96.13	33.2	
8947	59.92	47.58	96.13	36.21	
8948	59.49	29.25	96.14	36.65	
8949	57.48	11.66	96.14	38.66	
8950	59.49	9.47	96.14	36.65	
8951	57.48	13.91	96.14	38.66	
8952	57.56	27.82	96.14	38.58	
8953	59.79	8.89	96.14	36.35	
8954	57.38	3.37	96.14	38.76	
8955	55.18	11.62	96.14	40.96	
8956	54.34	5.81	96.14	41.8	
8957	53.2	82.82	96.14	42.94	
8958	54.45	29.48	96.14	41.69	
8959	103.5	4.12	200.15	96.65	
8960	103.5	2.96	163.23	59.73	
8961	111.7	3.11	163.25	51.55	
8963	89.9	35.29	163.14	73.24	
8964	92.1	4.03	163.11	71.01	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
8965	88.9	13.06	163.11	74.21	
8966	86.3	1.65	163.11	76.81	
8967	84.8	8.95	163.11	78.31	
8968	79.1	17.84	163.13	84.03	
8969	79.1	9.17	163.13	84.03	
8970	93.4	4.11	163.11	69.71	
8971	84.4	14.71	163.11	78.71	
8972	77.1	7.71	163.12	86.02	
8973	85.5	6.61	163.11	77.61	
8974	94.3	9.23	163.11	68.81	
8975	95.66	16.3	163.11	67.45	
8976	94.8	7.49	163.1	68.3	
8977	86.9	11.89	163.11	76.21	
8978	88.1	35.45	163.09	74.99	
8979	94.8	6.16	163.09	68.29	
8980	74.41	81.18	168.27	93.86	
8981	93.83	86.54	168.28	74.45	
8982	71.26	12.93	168.57	97.31	
8983	72.06	3.5	168.65	96.59	
8984	90.71	16.22	168.47	77.76	
8985	90.71	10.63	168.48	77.77	
8986	72.11	0	168.73	96.62	
8987	72.11	0	168.75	96.64	
8988	81.34	0	96.2	14.86	
8989	80.24	7.8	167.6	87.36	
8990	80.24	0	167.6	87.36	
8991	87.43	36.03	166.77	79.34	
8992	60.27	13.79	96.1	35.83	
8993	59.32	15.67	96.1	36.78	
8994	65.06	29.71	96.08	31.02	
8995	61.19	78.53	96.06	34.87	
8996	59.33	8.87	96.1	36.77	
8997	58.33	59.86	96.09	37.76	
8998	58.66	5.16	96.09	37.43	
8999	59.44	2.34	96.09	36.65	
9000	58.94	3.65	96.09	37.15	
9001	59.77	0	96.09	36.32	
9002	59.36	19.53	96.08	36.72	
9003	58.31	29.91	96.08	37.77	
9004	57.78	18.95	96.08	38.3	
9005	58.33	9.89	96.08	37.75	
9006	62.9	35.63	96.08	33.18	
9007	61.77	18.69	96.09	34.32	
9008	59.14	0	96.11	36.97	
9009	59.81	16.67	96.09	36.28	
9010	60.69	5.2	96.06	35.37	
9011	67.79	12.79	96.06	28.27	
9012	70.91	9.72	96.06	25.15	
9013	61.69	34.69	96.05	34.36	
9014	60.94	0	95.97	35.03	
9015	60.94	0	95.97	35.03	
9016	60.94	0	95.97	35.03	
9017	60.94	0	95.97	35.03	
9018	75.69	26.26	111.24	35.55	
9019	70.66	5.07	111.22	40.56	
9020	79.81	53.84	111.26	31.45	
9021	73.05	1.78	111.22	38.17	
9022	69.36	6.96	111.22	41.86	
9023	72.12	9.85	111.22	39.1	
9024	61.67	47.55	96	34.33	
9025	72.69	45.55	111.25	38.56	
9026	76.84	9.89	111.26	34.42	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
9027	76.84	3.18	111.27	34.43	
9028	79.17	8.1	111.29	32.12	
9029	85.63	0.64	111.31	25.68	
9030	83.84	31.85	111.35	27.51	
9031	93.17	9.8	111.4	18.23	
9032	93.24	19.65	111.44	18.2	
9033	88.83	13.83	111.36	22.53	
9034	93.52	7.61	111.34	17.82	
9035	109.1	22.85	111.44	2.34	
9036	109.11	26.58	111.44	2.33	
9037	93.94	13.75	111.48	17.54	
9038	102.93	19.7	111.56	8.63	
9039	95	84.94	111.33	16.33	
9041	100	47.16	111.89	11.89	
9042	77.83	16.82	111.46	33.63	
9043	74.94	21.29	111.46	36.52	
9044	73.19	2.05	111.46	38.27	
9045	71.8	36.84	111.46	39.66	
9046	77.72	108.23	111.13	33.41	
9047	80.69	6.43	111.46	30.77	
9048	80.6	10.37	111.64	31.04	
9049	77.36	73.98	111.51	34.15	
9050	77.2	38.25	111.63	34.43	
9051	60.99	26.81	96.04	35.05	
9052	63.93	23.29	95.97	32.04	
9053	65.76	22.04	95.97	30.21	
9054	62.17	22.36	95.97	33.8	
9055	61.78	0	95.98	34.2	
9056	62.91	5.79	95.99	33.08	
9057	62.87	6.83	95.98	33.11	
9058	71.21	18.64	111.25	40.04	
9059	63.28	24.24	95.98	32.7	
9060	65.81	9.06	95.97	30.16	
9061	60.3	10.9	96.02	35.72	
9062	75.3	1.73	111.23	35.93	
9063	78.19	1.39	111.24	33.05	
9064	77.69	0.31	111.24	33.55	
9065	81.81	47.07	111.24	29.43	
9066	84.67	6.07	111.26	26.59	
9067	74.06	2.8	111.25	37.19	
9068	85.14	18.4	111.16	26.02	
9069	80.69	6.89	111.16	30.47	
9070	60.75	32	96	35.25	
9071	64.34	9.32	96	31.66	
9072	68.11	0	95.99	27.88	
9073	67.06	0	95.99	28.93	
9074	63.22	28.28	96	32.78	
9075	61.41	5.74	96.01	34.6	
9076	61.41	23.28	96.01	34.6	
9077	60.5	40.39	96.02	35.52	
9078	59.75	77.51	96.04	36.29	
9079	61.51	15.36	96.04	34.53	
9080	61.12	109.92	96	34.88	
9081	60.82	17.7	96.02	35.2	
9082	62.05	30.99	96	33.95	
9083	59.91	36.88	96.04	36.13	
9084	60.64	42.97	96.04	35.4	
9085	60.36	24.38	96.04	35.68	
9086	61.51	0.88	96.04	34.53	
9087	60.59	0	96.08	35.49	
9088	60.59	7.21	96.09	35.5	
9089	65.05	16.79	96.05	31	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
9090	67.44	9.74	96.03	28.59	
9091	68.31	12.7	96.02	27.71	
9092	59.46	15.34	96.1	36.64	
9093	59.75	37.31	96.09	36.34	
9094	60.79	11.9	96.07	35.28	
9095	61.51	0	131.68	70.17	
9096	72.74	6.03	132.95	60.21	
9097	72.74	16.6	133.51	60.77	
9098	73.12	32.17	133.36	60.24	
9099	76.14	60.04	133.36	57.22	
9100	77.32	179.6	133.02	55.7	
9101	75.51	22.37	131.46	55.95	
9102	80.33	14.82	131.46	51.13	
9103	74.43	108.52	131.65	57.22	
9104	79.52	79.71	131.62	52.1	
9105	94.17	114.53	131.65	37.48	
9106	85.86	18.72	131.65	45.79	
9107	85.86	4.62	131.67	45.81	
9108	80.49	14.56	131.65	51.16	
9109	78.06	8.09	131.65	53.59	
9110	80.4	8.32	131.65	51.25	
9111	78.06	118.62	131.65	53.59	
9112	78.74	7.49	131.66	52.92	
9113	78.06	17.97	131.65	53.59	
9114	82.22	10.16	131.65	49.43	
9115	63.52	23.58	131.68	68.16	
9116	97.52	22.54	131.65	34.13	
9117	72.09	61.37	131.67	59.58	
9118	72.57	12.66	95.95	23.38	
9119	72.57	22.3	95.95	23.38	
9120	64.91	42.17	95.96	31.05	
9121	66.83	31.34	95.96	29.13	
9122	65.72	9.5	96.02	30.3	
9123	67.21	6.77	95.96	28.75	
9124	68.37	5.47	95.96	27.59	
9125	71.05	29.36	95.93	24.88	
9126	71.25	62.15	95.91	24.66	
9127	71.2	36.11	95.92	24.72	
9128	71.2	31.9	95.92	24.72	
9129	71.2	104.74	95.91	24.71	
9130	70.5	15.08	95.92	25.42	
9131	67.86	20.12	95.92	28.06	
9132	68.78	15.17	95.92	27.14	
9133	68.66	16.83	95.92	27.26	
9134	67.92	9.85	95.92	28	
9135	69.1	43.13	95.92	26.82	
9136	68.51	0	95.92	27.41	
9137	68.51	7.98	95.92	27.41	
9138	69.17	24.1	95.92	26.75	
9139	70.85	6.71	95.92	25.07	
9140	70.54	20.02	95.92	25.38	
9141	70.94	36.15	95.92	24.98	
9142	72.34	16.12	95.91	23.57	
9143	112.36	-0.19	197.92	85.56	
9144	110.22	133.8	197.94	87.72	
9145	70.81	20.8	97.56	26.75	
9146	71.22	8.09	96.93	25.71	
9147	68.16	48.24	97.66	29.5	
9148	69.13	9.54	96.51	27.38	
9149	72.19	30.03	97.51	25.32	
9150	72.19	104.67	97.11	24.92	
9151	69.43	22.03	97.47	28.04	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
9152	70.78	48.85	97.41	26.63	
9153	70.2	18.17	97.34	27.14	
9154	68.16	15.35	97.46	29.3	
9155	71.28	38.64	97.41	26.13	
9156	71.5	34.35	97.38	25.88	
9157	68.44	19.47	97.46	29.02	
9158	67.49	34.16	97.42	29.93	
9159	67.94	22.81	97.4	29.46	
9160	69.47	13.53	97.45	27.98	
9161	68.89	28.15	97.44	28.55	
9162	68.91	55.14	97.45	28.54	
9163	68.39	26.79	97.43	29.04	
9164	68.55	14.4	97.46	28.91	
9165	68.06	36.99	97.43	29.37	
9166	68.9	15.63	97.44	28.54	
9167	68.54	22.19	97.43	28.89	
9168	68.13	11.27	97.42	29.29	
9169	71.84	4.47	97.45	25.61	
9170	70.69	6.3	97.44	26.75	
9171	61.13	25.57	97.86	36.73	
9172	58.93	10.32	97.86	38.93	
9173	58.58	35.41	97.87	39.29	
9174	58.42	7.39	97.9	39.48	
9175	58.57	8.64	97.9	39.33	
9176	59.43	6.85	97.9	38.47	
9177	57.86	55.32	97.91	40.05	
9178	58.51	20.26	97.91	39.4	
9179	58.38	38.94	97.87	39.49	
9180	58.24	18.17	97.87	39.63	
9181	58.82	9.89	98	39.18	
9182	58.67	22.06	97.97	39.3	
9183	60.12	70.55	97.87	37.75	
9184	58.39	65.55	97.87	39.48	
9185	58.55	35.94	97.87	39.32	
9186	58.66	9.55	97.86	39.2	
9187	58.44	18.86	97.86	39.42	
9188	59.9	20.61	97.87	37.97	
9189	60.05	22.8	97.87	37.82	
9190	61.55	9.81	97.79	36.24	
9191	59.09	21.48	97.79	38.7	
9192	61.71	13.83	97.81	36.1	
9193	58.92	14.41	97.81	38.89	
9194	61.51	9.28	97.85	36.34	
9195	59.93	12.4	97.84	37.91	
9196	59.83	17.9	97.87	38.04	
9197	60.05	7.33	97.84	37.79	
9198	60.35	12.11	97.77	37.42	
9199	59.35	15.09	97.77	38.42	
9200	60.24	14.97	97.77	37.53	
9201	60.44	7.88	97.73	37.29	
9202	59.92	46.31	97.73	37.81	
9203	61.39	34.6	97.67	36.28	
9204	67.77	62.63	97.67	29.9	
9205	62.57	29.51	97.65	35.08	
9206	59.43	6.07	97.93	38.5	
9207	59.45	18.94	98.02	38.57	
9208	59.41	11.53	98.15	38.74	
9209	58.05	32.27	98.21	40.16	
9210	58.05	36.37	98.16	40.11	
9211	58.24	22.97	98.2	39.96	
9212	58.07	15.18	98.2	40.13	
9213	58.9	7.41	98.2	39.3	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
9214	58.53	25.1	98.2	39.67	
9215	59.91	39.88	98.2	38.29	
9216	59.65	51.84	98.2	38.55	
9217	59.82	37.49	98.2	38.38	
9218	57.37	18.72	98.21	40.84	
9219	59.79	3.5	98.2	38.41	
9220	59.42	24.75	98.21	38.79	
9221	59.7	9.54	98.2	38.5	
9222	58.91	34.9	98.2	39.29	
9223	58.41	33.04	98.2	39.79	
9224	59.55	29.21	98.2	38.65	
9225	58.32	20.51	98.2	39.88	
9226	59.49	15.83	98.2	38.71	
9227	58.54	28.7	98.21	39.67	
9228	60.3	25.85	98.2	37.9	
9229	59.94	32.24	98.2	38.26	
9230	60.47	38.89	98.2	37.73	
9231	60.3	20.38	98.2	37.9	
9232	63.28	25.94	98.19	34.91	
9233	63.93	13.76	98.19	34.26	
9234	63.17	7.56	98.22	35.05	
9235	60.08	18.4	98.2	38.12	
9236	60.08	10.02	98.2	38.12	
9237	56.26	4.74	98.14	41.88	
9238	56.25	7.21	98.14	41.89	
9239	56.34	17.92	98.15	41.81	
9240	57.28	19.17	98.17	40.89	
9241	56.94	6.37	98.27	41.33	
9242	56.59	52.29	98.15	41.56	
9243	58.68	3.42	98.26	39.58	
9244	58.83	33.68	98.18	39.35	
9245	57.82	113.86	98.16	40.34	
9246	58.16	7.05	98.17	40.01	
9247	59.43	28.35	98.18	38.75	
9248	59.61	3.61	98.25	38.64	
9249	59.61	0	98.25	38.64	
9250	60.54	7.94	98.19	37.65	
9251	58.76	6.9	98.16	39.4	
9252	58.7	26.11	98.17	39.47	
9253	59.76	17.03	98.18	38.42	
9254	57.06	11.25	98.16	41.1	
9255	57.07	4.94	98.14	41.07	
9256	57.88	57.64	98.14	40.26	
9257	50.9	0	98.61	47.71	
9258	51.19	19.68	98.61	47.42	
9259	50.84	0	98.62	47.78	
9260	50.84	0	98.61	47.77	
9261	55.81	38.01	98.41	42.6	
9262	52.93	140.28	98.47	45.54	
9263	53.45	0	98.48	45.03	
9264	55.93	8.45	98.32	42.39	
9265	55.89	22.02	98.34	42.45	
9266	56.77	8.05	98.13	41.36	
9267	56.92	86.22	98.13	41.21	
9268	56.85	24.92	98.11	41.26	
9269	57.48	13.36	98.11	40.63	
9270	56.4	79.71	98.11	41.71	
9271	57.68	17.44	98.12	40.44	
9272	58.12	5.98	98.13	40.01	
9273	57.54	33.05	98.11	40.57	
9274	57.3	6.11	98.1	40.8	
9275	57.57	1.08	98.11	40.54	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
9276	57.27	29.43	98.1	40.83	
9277	56.05	19.08	98.1	42.05	
9278	56.09	9.71	98.1	42.01	
9279	56.13	28.83	98.1	41.97	
9280	55.94	49.14	98.1	42.16	
9281	56.07	20.12	98.1	42.03	
9282	56.28	72.5	98.1	41.82	
9283	56.53	35.1	98.1	41.57	
9284	56.83	39.22	98.1	41.27	
9285	56.91	21.95	98.1	41.19	
9286	56.48	14.23	98.1	41.62	
9287	56.67	18.31	98.1	41.43	
9288	57.09	35	98.1	41.01	
9289	56.8	14.07	98.1	41.3	
9290	56.74	3.91	98.1	41.36	
9291	56.34	21.39	98.1	41.76	
9292	56.25	7.63	98.11	41.86	
9293	56.17	13.8	98.12	41.95	
9294	58.16	52.55	98.14	39.98	
9295	58.76	13.79	98.16	39.4	
9296	55.28	9.41	98.46	43.18	
9297	59.06	6.41	98.39	39.33	
9298	56.58	30.95	98.33	41.75	
9299	55.94	586.87	98.29	42.35	
9300	55.86	54.09	98.32	42.46	
9301	55.6	2.87	98.32	42.72	
9302	55.74	7.76	98.31	42.57	
9303	56.15	43.79	98.32	42.17	
9304	55.24	16.65	98.26	43.02	
9305	55.3	20.26	98.26	42.96	
9306	55.36	2.12	98.18	42.82	
9307	55.23	5.16	98.18	42.95	
9308	55.38	6.81	98.22	42.84	
9309	55.25	7.47	98.2	42.95	
9310	55.34	19.76	98.2	42.86	
9311	55.29	10.71	98.19	42.9	
9312	55.43	3.33	98.19	42.76	
9313	55.69	6.99	98.19	42.5	
9314	55.58	27.28	98.19	42.61	
9315	55.46	4.97	98.18	42.72	
9316	55.74	127.43	98.16	42.42	
9317	56.06	156.02	98.14	42.08	
9318	55.76	130.55	98.16	42.4	
9319	55.52	11.23	98.2	42.68	
9320	56.06	16.44	98.2	42.14	
9321	56.4	5.82	98.21	41.81	
9322	56.9	3.9	98.22	41.32	
9323	55.84	8.75	98.22	42.38	
9324	56.08	5.2	98.2	42.12	
9325	57.13	4.98	98.23	41.1	
9326	56.72	0.7	98.22	41.5	
9327	56.12	78.85	98.29	42.17	
9328	56.4	50.12	98.35	41.95	
9329	56.39	29.25	98.34	41.95	
9330	55.83	20.96	98.29	42.46	
9331	56.4	148.27	98.29	41.89	
9332	56.78	85.99	98.37	41.59	
9333	56.49	30.57	98.3	41.81	
9334	55.76	7.69	98.29	42.53	
9335	56.49	39.2	98.31	41.82	
9336	56.59	15.26	98.29	41.7	
9337	57.05	6.12	98.31	41.26	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
9338	56.72	9.89	98.28	41.56	
9339	58.5	16.84	98.34	39.84	
9340	57.43	21.86	98.26	40.83	
9341	58.91	19.52	98.39	39.48	
9342	54.13	19.39	98.43	44.3	
9343	55.12	39.37	98.44	43.32	
9344	54.9	8.95	98.42	43.52	
9345	55.2	12.42	98.42	43.22	
9346	54.87	9.53	98.42	43.55	
9347	54.33	9.23	98.42	44.09	
9348	55.25	6.07	98.42	43.17	
9349	54.73	36.66	98.4	43.67	
9350	56.19	95.08	98.39	42.2	
9351	54.56	13.67	98.41	43.85	
9352	55.71	6.65	98.41	42.7	
9353	58.5	40.76	98.39	39.89	
9354	56.56	33.3	98.39	41.83	
9355	55.94	9.97	98.4	42.46	
9356	53.94	37.46	98.47	44.53	
9357	54.58	6.32	98.48	43.9	
9358	54.88	48.3	98.45	43.57	
9359	54.18	29.62	98.44	44.26	
9360	53.48	2.59	98.49	45.01	
9361	53.45	36.37	98.49	45.04	
9362	53.16	8.13	98.49	45.33	
9363	52.68	15.35	98.49	45.81	
9364	52.91	15.48	98.49	45.58	
9365	52.22	59.3	98.49	46.27	
9366	54.05	60.6	98.49	44.44	
9367	53.77	15.74	98.5	44.73	
9368	53.65	3.54	98.49	44.84	
9369	52.36	62.6	98.5	46.14	
9370	53.4	82.73	98.5	45.1	
9371	52.75	5.69	98.5	45.75	
9372	53.1	7.39	98.5	45.4	
9373	52.3	4.68	98.56	46.26	
9374	53.29	4.5	98.5	45.21	
9375	54.05	19.24	98.52	44.47	
9376	54.28	0.57	98.52	44.24	
9377	54.12	6.01	98.5	44.38	
9378	53.73	29.21	98.5	44.77	
9379	53.31	9.41	98.5	45.19	
9380	53.39	35.13	98.5	45.11	
9381	53.47	18	98.5	45.03	
9382	53.11	7.44	98.51	45.4	
9383	53.4	39.22	98.5	45.1	
9384	53.1	8.3	98.51	45.41	
9385	53.1	15.96	98.5	45.4	
9386	53.68	5.38	98.53	44.85	
9387	53.68	6.74	98.52	44.84	
9388	53.41	96.39	98.53	45.12	
9389	53.05	19.05	98.5	45.45	
9390	53.09	20.78	98.52	45.43	
9391	53.08	7.86	98.54	45.46	
9392	52.05	0	98.57	46.52	
9393	52.11	3.58	98.57	46.46	
9394	52.61	8.65	98.57	45.96	
9395	52.93	9.45	98.57	45.64	
9396	52.47	40.14	98.57	46.1	
9397	52.08	6.24	98.57	46.49	
9398	52.22	23.27	98.56	46.34	
9399	53.23	13.32	98.56	45.33	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
9400	52.1	118.58	98.56	46.46	
9401	51.9	43.39	98.56	46.66	
9402	51.56	44.74	98.57	47.01	
9403	52.62	64.96	98.55	45.93	
9404	52.59	64.29	98.55	45.96	
9405	52.94	92.17	98.56	45.62	
9406	52.94	39.57	98.56	45.62	
9407	52.9	6.1	98.56	45.66	
9408	52.1	48.73	98.55	46.45	
9409	51.92	269.04	98.55	46.63	
9410	51.62	132.23	98.55	46.93	
9411	51.84	28.31	98.55	46.71	
9412	52.21	20.61	98.56	46.35	
9413	52.68	65.1	98.58	45.9	
9414	51.19	42.66	98.6	47.41	
9415	51.22	33.07	98.57	47.35	
9416	49.67	21.13	98.58	48.91	
9417	51.66	64.79	98.56	46.9	
9418	49.83	8.84	98.56	48.73	
9419	49.41	63.05	98.56	49.15	
9420	49.83	62.32	98.56	48.73	
9421	51.46	58.65	98.56	47.1	
9422	51.54	86.77	98.55	47.01	
9423	52.09	167.36	98.56	46.47	
9424	52.17	7.87	98.58	46.41	
9425	51.56	17.49	97.13	45.57	
9426	52.85	79.85	97.13	44.28	
9427	51.25	7.66	97.09	45.84	
9428	51.58	74.78	97.1	45.52	
9429	50.48	79.62	97.09	46.61	
9430	51.13	9.46	97.12	45.99	
9431	48.07	4.77	97.12	49.05	
9432	49.65	4.24	97.09	47.44	
9433	50.8	26.59	97.08	46.28	
9434	50.07	18.17	97.05	46.98	
9435	46.28	15.78	97.05	50.77	
9436	50.24	18.38	97.08	46.84	
9437	50.53	21.33	97.05	46.52	
9438	50.83	36.53	97.04	46.21	
9439	50.8	57.17	97.04	46.24	
9440	49.21	100.6	97.07	47.86	
9441	51.08	21.26	97.07	45.99	
9442	48.69	6.73	97.01	48.32	
9443	48.42	0	96.99	48.57	
9444	48.42	9.59	96.79	48.37	
9445	48.12	2.08	97	48.88	
9446	48.7	6.2	97.01	48.31	
9447	48.64	6.57	96.79	48.15	
9448	48.59	23.53	96.76	48.17	
9449	48.78	45.3	97.05	48.27	
9450	49.47	29.82	96.76	47.29	
9451	48.88	1.47	97.06	48.18	
9452	49.67	1.31	96.74	47.07	
9453	50.17	15.74	96.73	46.56	
9454	49.55	11.14	96.73	47.18	
9455	48.34	53.61	96.72	48.38	
9456	48.34	33.02	96.73	48.39	
9457	49.67	18.53	96.75	47.08	
9458	53.13	4.86	96.73	43.6	
9459	52.82	190.69	96.71	43.89	
9460	53.41	77.03	96.72	43.31	
9461	51.89	92.95	96.72	44.83	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
9462	48.7	162.63	96.94	48.24	
9463	48.95	14.95	96.97	48.02	
9464	50.64	204.42	96.79	46.15	
9465	48.36	6.39	96.98	48.62	
9466	48.55	33.41	96.84	48.29	
9467	48.91	16.06	96.79	47.88	
9468	53.62	50.23	96.72	43.1	
9469	50.92	23.29	96.79	45.87	
9470	50.22	65.41	96.84	46.62	
9471	50.07	175.44	96.97	46.9	
9472	46.06	83.04	98.82	52.76	
9473	50.91	0	98.81	47.9	
9474	48.49	17.44	98.81	50.32	
9475	48.8	19.44	98.82	50.02	
9476	48.58	29.3	98.8	50.22	
9477	46.29	9.77	98.81	52.52	
9478	48.5	118.78	98.81	50.31	
9479	47.84	24.05	98.8	50.96	
9480	48.09	33.05	98.69	50.6	
9481	48.46	7.33	98.6	50.14	
9482	47.74	87.36	98.59	50.85	
9483	48.26	62.77	98.69	50.43	
9484	47.34	8.87	98.61	51.27	
9485	47.54	20.46	98.6	51.06	
9486	48.8	0.31	98.78	49.98	
9487	47.34	15.83	98.6	51.26	
9488	50.1	35.63	98.59	48.49	
9489	49.58	6.5	98.76	49.18	
9490	49.73	74.67	98.76	49.03	
9491	49.77	151.21	98.75	48.98	
9492	50.55	0	98.75	48.2	
9493	47.94	71.05	98.71	50.77	
9494	48.12	2.37	98.71	50.59	
9495	48.52	23.77	98.6	50.08	
9496	51.1	12.45	98.59	47.49	
9497	51.18	13.06	98.59	47.41	
9498	50.46	68.47	98.57	48.11	
9499	52.18	54.67	98.61	46.43	
9500	50.9	82.44	98.58	47.68	
9501	50.2	46.69	98.59	48.39	
9502	50.15	14.02	98.59	48.44	
9503	50.07	25.87	98.58	48.51	
9504	50.13	6.24	98.58	48.45	
9505	50.13	22.6	98.58	48.45	
9506	50.23	35.9	98.57	48.34	
9507	50.43	47.71	98.57	48.14	
9508	51.42	35.37	98.57	47.15	
9509	51.42	5.16	98.57	47.15	
9510	50.44	20.09	98.56	48.12	
9511	50.37	46.39	98.56	48.19	
9512	50.68	13.06	98.57	47.89	
9513	50.67	28.96	98.57	47.9	
9514	52.21	47.5	98.57	46.36	
9515	50.91	15.35	98.57	47.66	
9516	45.15	23.11	98.8	53.65	
9517	45.54	13.93	98.81	53.27	
9518	45.87	81.19	98.77	52.9	
9519	46.32	0	98.78	52.46	
9520	46.13	14.82	98.77	52.64	
9521	46.95	24.99	98.76	51.81	
9522	46.42	15.26	98.77	52.35	
9523	46.2	61.67	98.77	52.57	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	등수두 (m)	잔류수두 (m)	비고
9524	46.2	66.91	98.78	52.58	
9525	45.46	0.64	98.82	53.36	
9526	46.12	41.02	98.79	52.67	
9527	44.75	199.87	98.78	54.03	
9528	46.13	46.68	98.76	52.63	
9529	46.95	68.86	98.76	51.81	
9530	46.32	6.3	98.78	52.46	
9531	45.44	171.8	98.75	53.31	
9532	46.42	20.07	98.78	52.36	
9533	46.39	104.59	98.76	52.37	
9534	45.5	34.84	98.8	53.3	
9535	45.67	13.84	98.78	53.11	
9536	45.9	25.93	98.78	52.88	
9537	46.29	40.23	98.76	52.47	
9538	46.07	26.91	98.77	52.7	
9539	45.81	83.92	98.75	52.94	
9540	47.71	14.02	98.8	51.09	
9541	45.64	11.14	98.78	53.14	
9542	46.12	5.73	97.88	51.76	
9543	53.66	35.72	98.02	44.36	
9544	51.39	8.54	98.47	47.08	
9545	52.2	33.48	98.39	46.19	
9546	45.2	5.51	98.39	53.19	
9547	45.72	5.24	98.4	52.68	
9548	45.75	119.09	98.4	52.65	
9549	46.93	39.54	98.43	51.5	
9550	45.14	0.44	98.33	53.19	
9551	45.37	40.11	98.33	52.96	
9552	47.12	43.99	98.3	51.18	
9553	49.12	18.39	98.32	49.2	
9554	48.57	36.62	98.26	49.69	
9555	51.85	40.15	98.3	46.45	
9556	52.2	41.88	98.31	46.11	
9557	45.52	4.94	98.27	52.75	
9558	68.4	12.92	98.02	29.62	
9559	53.63	9.69	98	44.37	
9560	68.86	8.99	98.07	29.21	
9561	70.53	14.62	98.12	27.59	
9562	70.36	9.26	98.1	27.74	
9563	50.15	58.94	98.09	47.94	
9564	48.86	20.3	98.16	49.3	
9565	45.32	48.69	98.16	52.84	
9566	51.13	66.79	98.04	46.91	
9567	50.15	45.92	97.98	47.83	
9568	46.66	39.26	97.88	51.22	
9569	50.12	77.42	97.88	47.76	
9570	52.12	35.71	97.87	45.75	
9571	51.84	64.55	97.75	45.91	
9572	43.85	71.7	100.16	56.31	
9573	74.33	10.03	98.34	24.01	
9574	63.94	39.23	98.21	34.27	
9575	57.26	19.75	93.39	36.13	
9576	32.5	35.51	75.68	43.18	
9577	32.69	42.38	75.69	43	
9578	34.56	24.69	75.69	41.13	
9579	33.91	52.68	75.68	41.77	
9580	40.66	52.31	75.75	35.09	
9581	62.37	9.54	98.55	36.18	
9582	63.68	0	98.56	34.88	
9583	57.13	31.22	98.2	41.07	
9584	60.63	24.9	99.5	38.87	
9585	62.37	6.86	100.23	37.86	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
9586	126.5	17.22	224.42	97.92	
9587	71.25	126.36	110.39	39.14	
9588	59.64	0	122.79	63.15	
9589	165	0	188.56	23.56	
9590	81.9	21.47	249.18	167.28	
9591	56.09	0	91.79	35.7	
9592	37.64	26.54	90.02	52.38	
9593	33.31	34.86	90.01	56.7	
9594	44.57	118.68	98.15	53.58	
9595	44.57	2.04	98.15	53.58	
9596	44.57	16.15	98.15	53.58	
9597	48.68	11.32	99.19	50.51	
9598	52.51	8.77	99.19	46.68	
9599	70.38	8.99	100.35	29.97	
9600	71.89	33.96	100.36	28.47	
9601	90.92	10.23	169.19	78.27	
9602	82.29	23.68	169.23	86.94	
9603	64.93	17.96	99.68	34.75	
9604	59.16	59.68	99.77	40.61	
9605	42.08	14.29	99.24	57.16	
9606	41.35	20.69	99.24	57.89	
9607	63.35	80.58	100.39	37.04	
9608	52.94	35.08	98.39	45.45	
9609	53.54	5.12	98.41	44.87	
9610	58.39	46.11	98.2	39.81	
9611	58.13	7.93	98.2	40.07	
9612	61.12	7.62	98.2	37.08	
9613	58.48	7.7	98.2	39.72	
9614	72.05	21.77	99.34	27.29	
9615	58.62	0	98.74	40.12	
9616	58.62	42.18	98.73	40.11	
9617	71.48	53.4	98.29	26.81	
9618	79.86	0	204.56	124.7	
9619	91.69	70.14	204.35	112.66	
9620	89.55	34.97	127.28	37.73	
9621	92.25	18.49	127.24	34.99	
9622	89.55	22.28	127.35	37.8	
9623	91.21	27.05	127.28	36.07	
9624	33.8	40.78	76.08	42.28	
9625	33.8	56.46	76.12	42.32	
9626	35.12	26.8	75.8	40.68	
9627	35.83	34.63	75.96	40.13	
9628	58.7	88.23	93.33	34.63	
9629	56.2	100.49	93.39	37.19	
9630	62.38	83.65	93.27	30.89	
9631	58.73	71.12	93.26	34.53	
9632	47.77	20.94	98.96	51.19	
9633	48.61	49.4	98.96	50.35	
9634	47.35	63.2	98.87	51.52	
9635	48.42	26.08	98.88	50.46	
9636	49.94	5.4	99.03	49.09	
9637	50.25	10.44	99.02	48.77	
9638	45.79	36.92	98.81	53.02	
9639	46.48	14.67	98.88	52.4	
9640	46.22	71.71	98.71	52.49	
9641	50.18	0.19	98.9	48.72	
9642	53.76	9.03	98.9	45.14	
9643	44.56	6.48	100.23	55.67	
9644	44.18	0.28	100.23	56.05	
9645	42.41	0	100.26	57.85	
9646	42.38	114.59	100.57	58.19	
9647	54.34	5.79	98.55	44.21	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
9648	53.55	0	98.9	45.35	
9649	98.67	40.31	185.7	87.03	
9650	107.73	7.16	185.65	77.92	
9651	60.84	11.48	99.62	38.78	
9652	64.81	50.02	96.21	31.4	
9653	64.81	11.59	96.21	31.4	
9654	79.52	4.37	122.92	43.4	
9655	72.5	49.96	110.37	37.87	
9656	71.6	15.08	110.53	38.93	
9657	68.47	82.62	96.92	28.45	
9658	63.52	32.53	97.08	33.56	
9659	90.72	173.98	122.06	31.34	
9660	48.73	21.33	100.82	52.09	
9661	45.27	77.36	98.78	53.51	
9662	45.78	211.36	98.75	52.97	
9663	46.88	9.8	97.89	51.01	
9664	87.4	26.31	120.03	32.63	
9665	33.91	24.41	76	42.09	
9666	38.76	19.73	75.99	37.23	
9667	33.72	20.33	76	42.28	
9668	47.29	1.97	75.99	28.7	
9669	34.11	7.28	75.99	41.88	
9670	34.31	13.3	75.98	41.67	
9671	33.86	0.58	75.99	42.13	
9672	59.26	94.52	93.51	34.25	
9673	60.17	0	93.53	33.36	
9674	67.49	94.52	93.51	26.02	
9675	54.06	15.66	93.32	39.26	
9676	60.88	0	93.51	32.63	
9677	68	141.85	93.44	25.44	
9678	53.68	58.86	93.26	39.58	
9679	49.13	2.16	93.19	44.06	
9680	48.5	596.78	93.15	44.65	
9681	37.92	1155.55	88.18	50.26	
9682	36.41	568.07	87.94	51.53	
9683	69.79	56.75	90.94	21.15	
9684	62.55	11.23	86.42	23.87	
9685	51.94	1158.39	86.43	34.49	
9686	89	32.58	93.3	4.3	
9687	72.5	27.7	90.81	18.31	
9688	67.53	177.1	91.01	23.48	
9689	67.33	0	92.51	25.18	
9690	79	11.23	92.71	13.71	
9691	79.07	0	92.71	13.64	
9692	68.41	192.15	92.83	24.42	
9693	79.07	0	92.71	13.64	
9694	83.05	16.85	92.71	9.66	
9695	67.4	2.43	92.84	25.44	
9696	50.89	0	93.15	42.26	
9697	53.49	15.72	93.32	39.83	
9698	63.38	7.55	93.15	29.77	
9700	71.5	44.36	90.81	19.31	
9701	70	16.63	90.83	20.83	
9702	67.3	78.94	92.49	25.19	
9703	50.92	0.28	93.15	42.23	
9704	33.93	0	89.2	55.27	
9705	34.29	0	89.4	55.11	
9706	37.9	179.22	89.11	51.21	
9707	38.61	24.25	89.2	50.59	
9708	37.57	2.21	89.21	51.64	
9709	37.83	0.15	89.2	51.37	
9710	37.83	0	89.22	51.39	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
9711	37.83	0	89.21	51.38	
9712	42.72	0	98.34	55.62	
9713	42.86	0	98.34	55.48	
9714	42.9	5.93	98.32	55.42	
9715	43.26	16.94	98.31	55.05	
9716	43.36	100.91	98.16	54.8	
9717	44.07	3.76	97.87	53.8	
9718	43.93	65.49	97.82	53.89	
9719	43.22	176.74	97.82	54.6	
9720	43.35	25.74	98.06	54.71	
9721	43.6	52.39	97.86	54.26	
9722	44.08	67.92	97.83	53.75	
9723	43.93	71.52	97.81	53.88	
9724	43.53	63.96	97.82	54.29	
9725	48.56	4626.17	96.63	48.07	
9726	42.78	10.36	98.19	55.41	
9727	47.6	0.58	96.63	49.03	
9728	42.05	66.65	98.61	56.56	
9729	47.08	123.02	98.34	51.26	
9730	53.2	391.64	95.32	42.12	
9731	43.83	42.89	96.29	52.46	
9732	43.9	48.38	96.26	52.36	
9733	43.12	73.31	96.27	53.15	
9734	43.6	69.03	96.28	52.68	
9735	55.58	1123.36	97.07	41.49	
9736	62.35	0	95.05	32.7	
9737	46.86	0	95.33	48.47	
9738	68.84	34.96	95.95	27.11	
9739	51.76	1780.28	94.61	42.85	
9740	54.85	3.37	94.69	39.84	
9741	58.14	178.43	95.08	36.94	
9742	68.2	26.76	96.24	28.04	
9743	65.53	97.34	96.54	31.01	
9744	68.53	0.11	96.25	27.72	
9745	68.75	0	96.25	27.5	
9746	59.41	4.84	96.53	37.12	
9747	55.08	0	96.99	41.91	
9748	63.1	0	96.53	33.43	
9749	60.85	6.68	96.53	35.68	
9750	57.91	12.35	96.98	39.07	
9751	56.38	10.19	94.81	38.43	
9752	58.74	8.91	96.53	37.79	
9753	54.1	0	97.13	43.03	
9754	51.8	0	97.55	45.75	
9755	54.1	1727.79	97.13	43.03	
9756	51.42	22.25	97.35	45.93	
9757	53.52	0	97.12	43.6	
9758	50.16	15.32	97.34	47.18	
9759	52.32	13.61	94.81	42.49	
9760	66.89	98.35	92.19	25.3	
9761	78.43	463.08	92.62	14.19	
9762	62.3	756	92.59	30.29	
9763	54.66	0	93.91	39.25	
9764	60.2	1489.32	92.9	32.7	
9765	75.2	0	92.9	17.7	
9766	54.62	95.83	93.76	39.14	
9767	54.2	16.02	93.88	39.68	
9768	54.17	6.35	93.88	39.71	
9769	55.9	88.75	93.09	37.19	
9770	58.1	102.29	93.36	35.26	
9771	58.21	672.78	93.23	35.02	
9772	58.21	50.16	93.39	35.18	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
9773	58.21	0	93.36	35.15	
9774	58.21	237.64	93.39	35.18	
9775	58.21	0	93.39	35.18	
9776	64.45	372.6	96.38	31.93	
9777	60.42	5.22	97.62	37.2	
9778	54.34	0.44	98.31	43.97	
9779	54.53	33.13	98.31	43.78	
9780	51.28	0.58	98.32	47.04	
9781	53.93	16.76	98.31	44.38	
9782	51.28	16.43	98.3	47.02	
9784	60.57	413.39	97.37	36.8	
9785	56.74	5.98	98.31	41.57	
9786	56.52	2.68	98.31	41.79	
9787	59.68	105.49	98.06	38.38	
9788	52.69	15.72	97.91	45.22	
9789	52.74	0.23	97.91	45.17	
9790	56.1	4.52	97.65	41.55	
9791	50.73	14.94	98.45	47.72	
9792	51.83	19.03	98.45	46.62	
9793	55.5	19.56	98.31	42.81	
9794	52.44	16.92	98.31	45.87	
9795	51.37	3.34	98.35	46.98	
9796	59.63	16.62	98.34	38.71	
9797	56.7	1.52	98.34	41.64	
9798	55.89	0.92	97.65	41.76	
9799	61.35	1.69	98.34	36.99	
9800	51.16	35.94	98.32	47.16	
9801	52.19	4.69	98.34	46.15	
9802	55.11	0.29	97.65	42.54	
9803	60.23	0.88	97.65	37.42	
9804	54.62	948.33	97.58	42.96	
9805	55.59	999.62	97.53	41.94	
9806	60.71	2514.92	95.41	34.7	
9807	71.32	3.63	96.94	25.62	
9808	70.69	0	96.94	26.25	
9809	70.69	1005.99	96.94	26.25	
9810	75.32	275.2	96.94	21.62	
9811	63.6	1123.93	96.78	33.18	
9812	73.36	1898.41	95.36	22	
9813	63.66	0	96.99	33.33	
9814	65.12	2199.18	92.03	26.91	
9815	78.68	842.07	96.4	17.72	
9816	62.82	315.91	97.01	34.19	
9817	62.58	2274.56	97.05	34.47	
9818	65.1	2.35	96.78	31.68	
9819	66.79	10.64	96.75	29.96	
9820	62.87	7.68	96.78	33.91	
9821	64.79	22.43	96.76	31.97	
9822	68.29	10	96.75	28.46	
9823	68.95	10.72	96.75	27.8	
9824	59.41	3.44	99.29	39.88	
9825	68.52	17.68	96.75	28.23	
9826	45.06	0	99.49	54.43	
9828	52.39	0.29	99.29	46.9	
9829	50.14	7.9	99.02	48.88	
9830	54.21	0.83	98.94	44.73	
9831	55.29	83.81	102.49	47.2	
9832	44.15	31.89	102.55	58.4	
9833	42.75	651.11	102.44	59.69	
9834	43.6	15.64	101.21	57.61	
9835	45.58	1074.36	92.3	46.72	
9836	51.14	4.11	102.07	50.93	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
9837	47.25	41.75	101.58	54.33	
9838	41.89	0	100.88	58.99	
9839	44.7	0	100.87	56.17	
9840	44.7	0	100.88	56.18	
9841	43.24	60.6	101.21	57.97	
9842	46.61	118.21	101.22	54.61	
9843	42.7	0	100.97	58.27	
9844	46.51	18.36	101.6	55.09	
9845	47.19	18.15	101.6	54.41	
9846	48.22	1.04	102.07	53.85	
9847	46.34	0.28	101.61	55.27	
9848	48.22	10.94	102.08	53.86	
9849	45.26	0.88	101.6	56.34	
9850	54.86	0	98.77	43.91	
9851	52.01	1.73	98.53	46.52	
9852	66.39	22.66	98.61	32.22	
9853	62.8	217.23	98.74	35.94	
9854	68.46	69.35	98.69	30.23	
9855	65.48	4.83	98.53	33.05	
9856	71.62	13.5	98.6	26.98	
9857	63.85	7.93	98.55	34.7	
9858	65.29	15.69	98.61	33.32	
9859	65.23	31.53	98.53	33.3	
9860	50.52	9.44	98.53	48.01	
9861	65.94	2	96.78	30.84	
9862	55.57	7.14	98.55	42.98	
9863	64.08	21.75	98.56	34.48	
9864	65.44	41.8	98.51	33.07	
9865	67.26	22.03	96.75	29.49	
9866	56.22	4.09	98.52	42.3	
9867	56.28	8.58	98.52	42.24	
9868	63.83	4.45	96.76	32.93	
9869	62.86	0	96.76	33.9	
9870	71.83	14.29	96.62	24.79	
9871	69.42	706.96	96.62	27.2	
9872	66.78	717.39	96.68	29.9	
9873	63.85	6.28	96.76	32.91	
9874	59.9	0	96.78	36.88	
9875	62.33	0.88	96.76	34.43	
9876	61.2	2.61	96.78	35.58	
9877	61.66	8.3	96.78	35.12	
9878	59.9	3.04	96.78	36.88	
9879	62.1	1.81	96.76	34.66	
9880	64.27	0	96.75	32.48	
9881	61.46	0	96.78	35.32	
9882	62.71	7.13	96.76	34.05	
9883	68.79	0	96.68	27.89	
9884	70.27	19.97	96.64	26.37	
9885	70.25	6.18	96.65	26.4	
9886	70.15	2.52	96.65	26.5	
9887	69.21	4.61	96.66	27.45	
9888	63.94	0	96.75	32.81	
9889	63.79	134.89	96.75	32.96	
9890	65.07	11.64	96.73	31.66	
9891	64.09	0.25	96.75	32.66	
9892	67.16	11.13	96.68	29.52	
9893	68.28	6.59	96.66	28.38	
9894	69.2	14.68	96.65	27.45	
9895	64.16	0.28	96.75	32.59	
9896	66.78	6.74	96.71	29.93	
9897	56.41	53.06	99.36	42.95	
9898	50.05	2.73	99.4	49.35	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
9899	53.31	2.51	99.78	46.47	
9900	54.85	0.73	99.4	44.55	
9901	53.12	59.39	99.4	46.28	
9902	53.75	28.1	99.53	45.78	
9903	54.83	18.56	99.5	44.67	
9904	52.86	5.38	99.5	46.64	
9905	52.88	9.07	99.52	46.64	
9906	52.9	0	99.52	46.62	
9907	53.55	34.16	99.5	45.95	
9908	53.57	19.18	99.26	45.69	
9909	54.76	2.66	99.5	44.74	
9910	53.71	24.6	99.49	45.78	
9911	54.92	41.76	99.49	44.57	
9912	53.65	31.16	99.5	45.85	
9913	53.6	24.53	99.49	45.89	
9914	53.7	37.51	99.1	45.4	
9915	53.7	1425.88	99.03	45.33	
9916	55.65	62.01	99.01	43.36	
9917	70.1	12.45	98.59	28.49	
9918	62.66	1.98	98.62	35.96	
9919	63.2	1817.24	98.62	35.42	
9920	67.77	11.2	98.62	30.85	
9921	94.64	12.66	98.62	3.98	
9922	76.82	47.11	98.64	21.82	
9923	77.69	37.9	98.65	20.96	
9924	89.81	49.01	98.69	8.88	
9925	88.33	0	98.76	10.43	
9926	85.6	11.45	98.74	13.14	
9927	84.28	12.61	98.58	14.3	
9928	80.49	39.96	98.58	18.09	
9929	78.91	12.67	98.65	19.74	
9930	69.91	18.35	98.57	28.66	
9931	69.91	960.33	98.57	28.66	
9932	93.31	98.57	98.57	5.26	
9933	63.06	54.63	98.54	35.48	
9934	66.66	144.01	98.54	31.88	
9935	91.16	39.15	98.52	7.36	
9936	72.5	40.3	98.57	26.07	
9937	75.26	34.94	98.69	23.43	
9938	67.32	94.18	98.53	31.21	
9939	70.4	3.68	98.65	28.25	
9940	90.72	67.99	98.49	7.77	
9941	78.78	26.41	98.69	19.91	
9942	78.78	26.44	98.69	19.91	
9943	72.27	29.86	98.52	26.25	
9944	71.69	0	98.69	27	
9945	70.12	20.95	98.62	28.5	
9946	71.69	4.06	98.68	26.99	
9947	72.27	48.26	98.62	26.35	
9948	75.26	49.2	98.68	23.42	
9949	74.28	2.63	98.68	24.4	
9950	73.59	51.83	98.62	25.03	
9951	72.28	48.51	98.59	26.31	
9952	77.34	372.26	98.7	21.36	
9953	75.9	36.73	98.65	22.75	
9954	86.55	17.27	98.27	11.72	
9955	76.75	83.66	98.55	21.8	
9956	75.38	0	98.35	22.97	
9957	77.61	33.57	98.3	20.69	
9958	82.4	11.59	98.3	15.9	
9959	57.79	0	98.72	40.93	
9960	59.72	82.57	98.69	38.97	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
9961	57.79	175.4	98.72	40.93	
9962	61.45	8.03	98.61	37.16	
9963	66.26	26.8	98.58	32.32	
9964	59.76	38.87	98.78	39.02	
9965	62.82	211.79	98.25	35.43	
9966	57.84	139.84	98.3	40.46	
9967	57.11	38.33	98.29	41.18	
9968	56.92	6.69	98.77	41.85	
9969	57.91	3.54	98.72	40.81	
9970	58.24	0.1	98.77	40.53	
9971	59.14	18.83	98.67	39.53	
9972	57.05	3.93	98.68	41.63	
9973	77.05	89.45	98.18	21.13	
9974	57.28	2.99	98.58	41.3	
9975	57.44	16.3	98.63	41.19	
9976	56.68	1.48	98.66	41.98	
9977	56.72	14.89	98.66	41.94	
9978	57.06	0.57	98.7	41.64	
9979	57.13	3.48	98.7	41.57	
9980	58.84	4.93	98.72	39.88	
9981	58.16	0.39	98.62	40.46	
9982	56.72	3.91	98.67	41.95	
9983	56.85	5.04	98.69	41.84	
9984	57.19	14.93	98.66	41.47	
9985	57.53	11.28	98.68	41.15	
9986	60.2	8.37	98.65	38.45	
9987	79.65	2.08	98.58	18.93	
9988	58.08	7.37	98.64	40.56	
9989	57.57	1.08	98.64	41.07	
9990	60.2	10.97	98.62	38.42	
9991	63.59	54.91	98.58	34.99	
9992	59.37	1.35	98.61	39.24	
9993	60.45	10.99	98.61	38.16	
9994	62.39	31.85	98.58	36.19	
9995	66.38	0	98.47	32.09	
9996	64.55	1.59	98.58	34.03	
9997	67.34	5.51	98.58	31.24	
9998	65.27	3.33	98.58	33.31	
9999	63.59	18.92	98.58	34.99	
10000	63.5	2.59	98.58	35.08	
10001	64.22	28.74	98.58	34.36	
10002	64.41	22.06	98.58	34.17	
10003	63.81	14.37	98.56	34.75	
10004	62.78	22.06	98.58	35.8	
10005	58.81	11.97	98.67	39.86	
10006	60.45	2.65	98.65	38.2	
10007	59.18	23.58	98.66	39.48	
10008	58.21	50.76	98.67	40.46	
10009	58.75	9.47	98.66	39.91	
10010	61.42	0.31	98.62	37.2	
10011	58.84	2.47	98.66	39.82	
10012	61.06	25.16	98.62	37.56	
10013	61.42	0.83	98.62	37.2	
10014	62.78	46.22	98.58	35.8	
10015	63.73	8.55	98.5	34.77	
10016	64.33	5.07	98.69	34.36	
10017	64.27	15.5	98.6	34.33	
10018	62.12	8.03	98.38	36.26	
10019	58.43	0.22	97.93	39.5	
10020	66.74	8.48	98.61	31.87	
10021	67.2	8.67	98.43	31.23	
10022	66.82	11.59	98.52	31.7	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
10023	66.08	74.55	98	31.92	
10024	70.53	56.06	98	27.47	
10025	78.13	27.01	98.04	19.91	
10026	79	7.25	98.04	19.04	
10027	84.94	6.63	97.98	13.04	
10028	77.49	14.31	97.82	20.33	
10029	73.54	16.75	97.99	24.45	
10030	77.62	8.93	97.99	20.37	
10031	73.38	94.27	97.8	24.42	
10032	76.88	39.93	97.81	20.93	
10033	61.08	8.42	97.94	36.86	
10034	65.47	290.36	97.02	31.55	
10035	73.4	0	97.88	24.48	
10036	68.1	58.68	97.76	29.66	
10037	63.84	36.32	97.85	34.01	
10038	59.29	6.64	97.93	38.64	
10039	68.1	17	97.93	29.83	
10040	66.94	226.56	97.83	30.89	
10041	65.2	11.93	97.71	32.51	
10042	67.69	4.65	97.59	29.9	
10043	66.66	0	97.57	30.91	
10044	67.71	1.33	97.57	29.86	
10045	68.45	2.02	97.5	29.05	
10046	71.05	7.58	97.45	26.4	
10047	71.05	0	97.39	26.34	
10048	73.36	7.63	97.24	23.88	
10049	72.05	9.43	97.45	25.4	
10050	72.74	196.43	97.53	24.79	
10051	81.1	1519.16	97.15	16.05	
10052	79.5	31.95	97.36	17.86	
10053	78.5	28.21	97.16	18.66	
10054	78.5	78.83	97.16	18.66	
10055	78.5	72.07	97.15	18.65	
10056	88.2	100.15	163.08	74.88	
10057	76.68	108.23	97.08	20.4	
10058	76.68	0	97.11	20.43	
10059	80.91	8.86	97.11	16.2	
10060	81.49	9.69	166.79	85.3	
10061	74.8	1697.46	96.73	21.93	
10062	71.05	0	97.11	26.06	
10063	77.55	5.44	96.69	19.14	
10064	76.16	8.26	96.68	20.52	
10065	72.05	5.39	96.68	24.63	
10066	71.05	7.01	96.61	25.56	
10067	71.05	31.74	96.93	25.88	
10068	70.86	58.25	96.98	26.12	
10069	73.49	8.37	96.69	23.2	
10070	73.94	20.41	96.6	22.66	
10071	60.36	34.5	96.37	36.01	
10072	64.94	66.72	96.63	31.69	
10073	74.43	9.33	96.34	21.91	
10074	63.78	23.32	96.22	32.44	
10075	60.92	69.09	96.75	35.83	
10076	63.54	6.49	96.17	32.63	
10077	67.11	10.49	96.14	29.03	
10078	66.63	11.33	96.14	29.51	
10079	67.48	36.42	96.14	28.66	
10080	64.46	31.79	96.14	31.68	
10081	64.62	7.07	96.15	31.53	
10082	64.08	5.29	96.14	32.06	
10083	65.11	8.21	96.14	31.03	
10084	73.05	8.54	96.13	23.08	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
10085	73.05	0	96.13	23.08	
10086	63.94	0	96.11	32.17	
10087	71.49	0	96.13	24.64	
10088	71.26	0.91	96.13	24.87	
10089	62.35	70.95	97.68	35.33	
10090	66.42	15.66	97.24	30.82	
10091	70.16	0	97.28	27.12	
10092	59.53	9.23	97.45	37.92	
10093	59.54	25.15	97.59	38.05	
10094	72.02	14.66	97.71	25.69	
10095	67.21	2.18	97.58	30.37	
10096	52.62	0.64	97.9	45.28	
10097	68.8	9.91	97.71	28.91	
10098	68.8	2.43	97.71	28.91	
10099	72.42	6.85	97.72	25.3	
10100	60.82	5.59	97.66	36.84	
10101	68.51	21.78	97.68	29.17	
10102	63.1	35.16	97.74	34.64	
10103	64.88	9.81	97.8	32.92	
10104	69.2	8.19	97.8	28.6	
10105	60.52	32.47	97.8	37.28	
10106	67.88	33.85	97.75	29.87	
10107	66.35	56.49	97.77	31.42	
10108	71.57	29.58	97.7	26.13	
10109	61.84	10.02	97.68	35.84	
10110	63.42	39.83	97.7	34.28	
10111	66.86	55.97	97.72	30.86	
10112	60.49	58.17	97.68	37.19	
10113	69.1	31.48	97.73	28.63	
10114	68.59	40.3	97.75	29.16	
10115	65.33	13.76	97.77	32.44	
10116	60.63	89.76	97.78	37.15	
10117	67.1	51.83	97.9	30.8	
10118	67.1	8.45	97.9	30.8	
10119	65.1	19.07	97.85	32.75	
10120	69.93	7.28	97.82	27.89	
10121	73.7	46.33	97.74	24.04	
10122	66.22	27.43	97.74	31.52	
10123	67.8	5.22	97.75	29.95	
10124	69.55	8.32	97.79	28.24	
10125	69.12	9.26	97.79	28.67	
10126	67.33	21.25	97.82	30.49	
10127	59.06	7.02	97.78	38.72	
10128	53.33	17.6	98.2	44.87	
10129	52.62	554.55	98.03	45.41	
10130	53.65	9.47	98.16	44.51	
10131	55.86	23.97	98.07	42.21	
10132	63.94	10.75	97.94	34	
10133	63.94	48	97.94	34	
10134	64.1	43.51	98.03	33.93	
10135	57.22	17.51	98.07	40.85	
10136	58.21	128.33	97.74	39.53	
10137	53.73	61.54	98.2	44.47	
10138	57.56	257.92	98.07	40.51	
10139	53.21	12.31	98.16	44.95	
10140	48.87	20.7	100.3	51.43	
10141	48.16	32.09	100.24	52.08	
10142	48.87	0	100.34	51.47	
10143	48.4	22.88	100.08	51.68	
10144	48.44	25.19	100.19	51.75	
10145	49.82	28.43	100.2	50.38	
10146	48.52	37.67	100.15	51.63	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
10147	50.51	9.69	100.2	49.69	
10148	48.52	869.77	100.22	51.7	
10149	48.37	0	100.01	51.64	
10150	48.45	22.41	100.07	51.62	
10151	48.46	44.77	100.07	51.61	
10152	48.56	27.04	99.83	51.27	
10153	48.34	61.89	100	51.66	
10154	48.54	24.16	99.98	51.44	
10155	48.57	3219.16	99.82	51.25	
10156	49.68	318.11	100.57	50.89	
10157	48.9	20.96	99.76	50.86	
10158	48.83	72.61	99.58	50.75	
10159	49.34	540.98	99.35	50.01	
10160	48.94	267.26	99.35	50.41	
10161	48.82	1548.83	99.24	50.42	
10162	48.94	7.25	99.35	50.41	
10163	49.41	0	99.32	49.91	
10164	50.32	215.28	99.22	48.9	
10165	49.32	330.17	99.28	49.96	
10166	52.47	6.81	97.74	45.27	
10167	53.39	875.27	97.75	44.36	
10168	51.92	86.6	97.62	45.7	
10169	50.34	0.52	99.22	48.88	
10170	49.67	9.3	99.28	49.61	
10171	48.92	31.4	99.29	50.37	
10172	49.91	22.91	99.3	49.39	
10173	50.11	57.92	99.3	49.19	
10174	50.35	14.18	99.32	48.97	
10175	49.8	57	99.3	49.5	
10176	48.85	50.62	99.32	50.47	
10177	48.94	8.32	99.36	50.42	
10178	49.58	14.01	99.5	49.92	
10179	49.53	70.23	99.32	49.79	
10180	50.14	42	99.33	49.19	
10181	49.47	2536.43	99.27	49.8	
10182	50.3	43.95	99.35	49.05	
10183	49.72	261.8	99.35	49.63	
10184	50.68	12.62	99.38	48.7	
10185	49.76	37.9	99.45	49.69	
10186	50.73	356.81	99.46	48.73	
10187	49.51	33.87	99.34	49.83	
10188	49.58	28.93	99.47	49.89	
10189	49.52	29.32	99.41	49.89	
10190	49.48	50.2	99.4	49.92	
10191	49.48	10.34	99.41	49.93	
10192	49.56	16.57	99.41	49.85	
10193	50.05	9.84	99.47	49.42	
10194	49.9	29.01	99.45	49.55	
10195	52.85	9.98	97.73	44.88	
10196	50.6	1750.11	99.31	48.71	
10197	50.6	1287.11	99.31	48.71	
10198	50.52	1750.12	100.02	49.5	
10199	50.86	0	99.31	48.45	
10200	50.86	3.61	99.31	48.45	
10201	51.05	839.54	99.97	48.92	
10202	49.11	17.12	99.34	50.23	
10203	49.68	2.87	100.15	50.47	
10204	45.12	8.35	98.84	53.72	
10205	45.45	0	98.87	53.42	
10206	45.91	100.19	98.79	52.88	
10207	44.87	6.04	98.83	53.96	
10208	45.1	26.19	98.83	53.73	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
10209	45.61	4.52	98.92	53.31	
10210	44.83	4.16	98.84	54.01	
10211	45.91	34.16	98.91	53	
10212	47.12	40.5	98.79	51.67	
10213	46.38	16.56	98.77	52.39	
10214	46.21	48.34	98.72	52.51	
10215	47.73	23.2	98.73	51	
10216	47.12	14.89	98.79	51.67	
10217	47.12	6.92	98.78	51.66	
10218	45.39	75.68	98.7	53.31	
10219	47.75	59.24	98.68	50.93	
10220	50.57	30.21	98.58	48.01	
10221	45.05	21.39	98.68	53.63	
10222	45.05	0.77	98.73	53.68	
10223	44.56	60.76	98.57	54.01	
10224	46.05	158.1	98.29	52.24	
10225	45.2	56.16	98.72	53.52	
10226	45.18	12.03	98.72	53.54	
10227	44.69	21.29	98.72	54.03	
10228	45.21	835.97	97.7	52.49	
10229	47.33	3.28	98.72	51.39	
10230	45.34	32.91	98.71	53.37	
10231	45.05	63.28	98.73	53.68	
10232	47.41	103.62	98.72	51.31	
10233	47.39	21.59	98.71	51.32	
10234	44.87	9.18	98.72	53.85	
10235	44.87	61.97	98.72	53.85	
10236	49.58	1141.19	91.91	42.33	
10237	53.91	27.48	98.45	44.54	
10238	54.79	127.28	98.39	43.6	
10239	53.28	31.47	97.94	44.66	
10240	47.24	21.19	98.41	51.17	
10241	45.05	13.59	98.68	53.63	
10242	45.05	9.36	98.68	53.63	
10243	45.05	39.81	98.37	53.32	
10244	45.05	809.56	98.34	53.29	
10245	44.82	45.11	98.72	53.9	
10246	61.35	89.36	95.56	34.21	
10247	58.59	29.36	95.63	37.04	
10248	65.32	1165.77	92.04	26.72	
10249	47.46	46.69	99.15	51.69	
10250	47.9	124.44	98.99	51.09	
10251	47.09	8.39	99.15	52.06	
10252	50.65	130.37	99.15	48.5	
10253	45.44	129.4	98.52	53.08	
10254	46.9	136.94	99.18	52.28	
10255	47.56	12.01	99.34	51.78	
10256	50.76	2.57	99.17	48.41	
10257	51.07	49.08	99.17	48.1	
10258	65.83	34.35	97.09	31.26	
10259	68.58	5.27	97.99	29.41	
10260	65.85	84.26	97.46	31.61	
10261	65.85	22.23	97.31	31.46	
10262	69.45	29.61	97.46	28.01	
10263	68.68	34.59	98	29.32	
10264	64.6	27.36	97.59	32.99	
10265	64.13	6.51	97.64	33.51	
10266	62.57	4.16	97.65	35.08	
10267	67.21	26.57	97.69	30.48	
10268	67.77	5.52	97.7	29.93	
10269	65.63	18.61	98.05	32.42	
10270	61.54	147.7	97.72	36.18	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
10271	61.4	46.52	97.74	36.34	
10272	61.44	73.04	97.69	36.25	
10273	62.78	13.28	97.65	34.87	
10274	63.69	32.42	97.63	33.94	
10275	71.37	80.88	97.72	26.35	
10276	69.9	25.54	97.8	27.9	
10277	70.16	28.08	97.58	27.42	
10278	58.52	0	98.21	39.69	
10279	58.52	0	98.21	39.69	
10280	58.52	54.96	91.77	33.25	
10281	58.54	0	98.21	39.67	
10282	56.8	424.13	89.01	32.21	
10283	55.83	17.84	97.64	41.81	
10284	56.21	29.38	98.3	42.09	
10285	56.06	18.73	98.31	42.25	
10286	56.12	6.29	98.28	42.16	
10287	55.8	31.81	98.3	42.5	
10288	55.26	1	98.31	43.05	
10289	55.73	5.07	98.34	42.61	
10290	55.44	1.22	98.31	42.87	
10291	55.44	16.54	98.31	42.87	
10292	55.62	23.93	98.31	42.69	
10293	56.05	0.57	98.33	42.28	
10294	56.05	0	98.33	42.28	
10295	56.05	103.4	98.33	42.28	
10296	56.05	6.02	98.3	42.25	
10297	58.63	0	98.19	39.56	
10298	68.89	0.96	98.2	29.31	
10299	62.33	3.13	98.2	35.87	
10300	58.45	0	98.2	39.75	
10301	65.65	0	98.2	32.55	
10302	65.65	0	98.2	32.55	
10303	64.85	17.05	98.2	33.35	
10304	66.3	0.56	98.2	31.9	
10305	66.44	0.61	98.2	31.76	
10306	66.33	3.77	98.2	31.87	
10307	63.77	22.84	98.07	34.3	
10308	65.25	8.59	98.18	32.93	
10309	79.52	3.35	98.18	18.66	
10310	68.14	19.08	98.17	30.03	
10311	66.23	350.2	98.17	31.94	
10312	65.82	0	98.18	32.36	
10313	67.55	52.61	98.18	30.63	
10314	67.46	8.75	98.18	30.72	
10315	65.82	0	98.18	32.36	
10316	67.55	6.68	98.18	30.63	
10317	68.55	0	98.18	29.63	
10318	67.55	0	98.18	30.63	
10319	68.55	24.77	98.18	29.63	
10320	68.55	0	98.18	29.63	
10321	79.52	0	190.32	110.8	
10322	67.46	17.51	98.18	30.72	
10323	61.17	30.17	98.12	36.95	
10324	58.18	48.11	98.12	39.94	
10325	61.24	51.25	98.12	36.88	
10326	63.12	22.34	98.13	35.01	
10327	58.81	32.5	98.14	39.33	
10328	59.43	4.54	98.14	38.71	
10329	59.84	47.21	98.19	38.35	
10330	57.84	60.25	98.15	40.31	
10331	58.61	44.6	98.14	39.53	
10332	62.9	35.38	98.13	35.23	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
10333	59.41	35.32	98.13	38.72	
10334	59.08	31.05	98.14	39.06	
10335	59.06	3.93	97.11	38.05	
10336	60.4	25.76	97.15	36.75	
10337	59.57	34.54	98.14	38.57	
10338	61.27	52.75	98.13	36.86	
10339	65.12	24.23	98.13	33.01	
10340	61.91	8.68	98.13	36.22	
10341	64.55	68.45	98.14	33.59	
10342	62.9	15.97	98.18	35.28	
10343	63.11	53.53	98.22	35.11	
10344	62.64	90.02	98.44	35.8	
10345	60.3	42.38	98.21	37.91	
10346	62.92	109.3	98.11	35.19	
10347	62.87	62.76	98.11	35.24	
10348	68.55	85.86	97.98	29.43	
10349	60.38	60.2	98.02	37.64	
10350	64.27	23.46	97.91	33.64	
10351	64.83	815.81	97.9	33.07	
10352	68.44	0	97.78	29.34	
10353	83.71	44.05	144.2	60.49	
10354	69.39	99.89	97.89	28.5	
10355	68.29	0	97.79	29.5	
10356	74.55	8.26	97.79	23.24	
10357	70.55	31.99	97.78	27.23	
10358	68.29	0	97.78	29.49	
10359	43.15	1217.94	90.55	47.4	
10360	42.27	4.03	94.99	52.72	
10361	42.76	57.32	87.98	45.22	
10362	45.12	51.84	94.99	49.87	
10363	43.39	44.23	90.69	47.3	
10364	47.22	8.91	90.44	43.22	
10365	56.49	10.54	93.98	37.49	
10366	45.9	121.8	93.98	48.08	
10367	53.26	4.55	100.69	47.43	
10368	69.25	18.28	95.84	26.59	
10369	48.92	155.07	96.71	47.79	
10370	60.67	90.27	95.62	34.95	
10371	69.19	8.53	96.24	27.05	
10372	63.34	34.52	95.82	32.48	
10373	33.94	14.35	97.55	63.61	
10374	32.65	35.41	97.55	64.9	
10375	33.84	13.23	97.54	63.7	
10376	33.05	0	97.55	64.5	
10377	33.52	13.1	97.55	64.03	
10378	33.66	2.68	97.55	63.89	
10379	34.13	23.42	97.54	63.41	
10380	69.44	142.97	97.99	28.55	
10381	74.48	18.1	98.1	23.62	
10382	78.86	3.37	98.1	19.24	
10383	49.33	25.76	97.57	48.24	
10385	67.88	17.96	97.65	29.77	
10387	53.43	0	97.66	44.23	
10388	57.11	0	97.75	40.64	
10389	75	15.6	97.74	22.74	
10390	67.33	0.01	97.86	30.53	
10391	70.48	5.91	97.88	27.4	
10392	74.48	0	98.1	23.62	
10393	66.88	0	97.9	31.02	
10394	75.77	0	98.28	22.51	
10395	84.74	0	98.39	13.65	
10396	80.62	0	98.4	17.78	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
10397	73.8	196.89	98.28	24.48	
10398	75.77	0	98.28	22.51	
10399	61.31	30.26	98.28	36.97	
10400	65.78	262.85	98.25	32.47	
10401	63.36	984.05	96.05	32.69	
10402	59.54	37.72	98.25	38.71	
10403	63.45	13.29	100.82	37.37	
10404	64.69	68.19	100.62	35.93	
10405	60.56	33.98	100.99	40.43	
10406	56.6	17.72	101.15	44.55	
10407	55.91	42.18	101.31	45.4	
10408	65.31	41.71	100.83	35.52	
10409	67.05	38.26	100.71	33.66	
10410	62.58	75.36	100.9	38.32	
10411	62.58	16.96	100.9	38.32	
10412	64.43	6.27	100.83	36.4	
10413	57.31	55.21	101.21	43.9	
10414	62.87	36.04	100.97	38.1	
10415	67.08	11.13	100.79	33.71	
10416	61.73	80.68	101.83	40.1	
10417	67.12	57.02	100.79	33.67	
10418	67.57	46.4	101.7	34.13	
10419	67.88	17.89	100.79	32.91	
10420	56.78	18.37	101.73	44.95	
10421	58.31	30.87	101.8	43.49	
10422	57.55	9.98	101.84	44.29	
10423	69.37	68.07	101.78	32.41	
10424	62.87	62.94	102.34	39.47	
10425	61.46	32.1	101.9	40.44	
10426	58.78	16.58	101.9	43.12	
10427	58.37	17.26	101.89	43.52	
10428	58.78	19.56	101.84	43.06	
10429	59.06	18.79	101.9	42.84	
10430	31.26	0.88	89.58	58.32	
10431	53.8	25.8	85.66	31.86	
10432	36.33	2067.31	89.45	53.12	
10433	35.49	54.99	88.33	52.84	
10434	35.37	40.63	87.75	52.38	
10435	35.56	766.67	87.67	52.11	
10436	35.71	1202.96	87.54	51.83	
10437	35.34	1505.5	87.35	52.01	
10438	42.36	4.72	85.85	43.49	
10439	60.5	12.31	85.66	25.16	
10440	61.5	9.57	85.66	24.16	
10441	46.25	257.22	85.9	39.65	
10442	54.4	32.36	85.67	31.27	
10443	53.11	22.84	85.81	32.7	
10444	44.24	55.6	85.82	41.58	
10445	48.23	13.59	85.81	37.58	
10446	45.16	53.74	85.81	40.65	
10447	44.92	60.57	85.81	40.89	
10448	45.72	44.09	85.8	40.08	
10449	44.32	15.63	85.81	41.49	
10450	47.18	28.64	85.81	38.63	
10451	49.41	18.4	85.81	36.4	
10452	51.22	13.74	85.81	34.59	
10453	51.71	39.86	85.81	34.1	
10454	54.77	8.84	85.79	31.02	
10455	47.58	48.75	85.81	38.23	
10456	50.21	29.14	85.81	35.6	
10457	47.73	40.36	85.79	38.06	
10458	53.86	24.71	85.79	31.93	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
10459	48.79	18.73	85.8	37.01	
10460	46.14	42.51	100	53.86	
10461	46.85	13.7	100	53.15	
10462	46.28	11.38	100	53.72	
10463	46.41	15.96	100.01	53.6	
10464	45.44	17.08	100.03	54.59	
10465	45.48	6.43	100	54.52	
10466	45.42	21.2	100	54.58	
10467	46.28	0	100.2	53.92	
10468	46.28	2	100.08	53.8	
10469	45.12	5.35	100.05	54.93	
10470	44.63	0	100.16	55.53	
10471	44.88	0	100.04	55.16	
10472	46.69	0	100.04	53.35	
10473	45.44	0	100.1	54.66	
10474	46.28	1.7	100.16	53.88	
10475	44.8	23.77	100.03	55.23	
10476	46.58	0.83	99.06	52.48	
10477	46.24	48.89	99.07	52.83	
10478	46.24	0	99.09	52.85	
10479	45.88	1144.83	97.45	51.57	
10480	47.1	47.24	98.62	51.52	
10481	46.58	32.94	99.11	52.53	
10482	46.8	16.4	98.84	52.04	
10483	46.33	23.77	98.45	52.12	
10484	44.05	185.3	97.79	53.74	
10485	45.19	50.27	98.45	53.26	
10486	48.6	7.32	98.29	49.69	
10487	49.12	29.13	98.29	49.17	
10488	48.13	26.53	98.34	50.21	
10489	47.79	19.37	98.45	50.66	
10490	47.53	28.22	98.25	50.72	
10491	47.92	25.25	98.29	50.37	
10492	89.67	35.36	101.06	11.39	
10493	74.78	19.32	100.89	26.11	
10494	70.52	0.23	100.49	29.97	
10495	67.6	44.83	100.49	32.89	
10496	75.34	0	102.11	26.77	
10497	75.34	31.41	101.16	25.82	
10498	75.14	24.06	100.87	25.73	
10499	76.28	56.66	100.87	24.59	
10500	69.92	26.63	100.65	30.73	
10501	79.49	42.18	100.85	21.36	
10502	67.93	32.07	100.51	32.58	
10503	70.74	7.89	100.57	29.83	
10504	67.8	68.24	100.47	32.67	
10505	81.5	147.03	101.73	20.23	
10506	68.17	70.94	100.48	32.31	
10507	82.9	2155.46	101.08	18.18	
10508	82.5	0	101.14	18.64	
10509	94.55	827.7	100.54	5.99	
10510	72.69	57.07	100.46	27.77	
10511	72.83	53.35	100.48	27.65	
10512	76.21	36.53	100.46	24.25	
10513	69.34	62.83	100.46	31.12	
10514	67.3	0	92.72	25.42	
10515	67.64	56.78	92.85	25.21	
10516	48.78	31.81	98.18	49.4	
10517	49.18	4.85	98.34	49.16	
10518	48.85	166.29	98.23	49.38	
10519	48.68	87.93	98.31	49.63	
10520	47.72	7.55	98.34	50.62	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
10521	47.33	15.16	98.36	51.03	
10522	47.5	20.55	98.47	50.97	
10523	48.33	48.86	98.47	50.14	
10524	48.08	34.18	98.59	50.51	
10525	49.15	92.97	98.78	49.63	
10526	46.38	2.02	100.27	53.89	
10527	47.46	29.04	98.58	51.12	
10528	47.4	41.19	98.76	51.36	
10529	46.63	32.35	100.27	53.64	
10530	45.63	24.69	100.27	54.64	
10531	44.58	22.74	100.23	55.65	
10532	45.27	22.35	100.27	55	
10533	45.27	31.6	100.27	55	
10534	45.41	34.1	100.27	54.86	
10535	45.47	22.16	100.27	54.8	
10536	44.9	34.56	100.27	55.37	
10537	44.76	27.44	100.27	55.51	
10538	44.7	24.11	100.27	55.57	
10539	45.2	23.93	100.22	55.02	
10540	44.77	19.55	100.22	55.45	
10541	44.29	0	100.17	55.88	
10542	45.1	26.69	99.87	54.77	
10543	44.62	26.75	100.27	55.65	
10544	44.28	22.11	100.22	55.94	
10545	44.27	22.24	100.18	55.91	
10546	46.31	36.99	99.96	53.65	
10547	44.61	27.7	99.87	55.26	
10548	44.33	34.25	99.96	55.63	
10549	44.4	22.74	100.01	55.61	
10550	45.73	25.93	99.62	53.89	
10551	45.17	26.76	98.91	53.74	
10552	63.63	3.99	98.52	34.89	
10553	60.48	0	96.78	36.3	
10554	52.75	1.07	98.34	45.59	
10555	52.05	20.88	98.34	46.29	
10556	86.43	9.45	104.33	17.9	
10557	83.93	0	104.41	20.48	
10558	83.93	2981.33	104.14	20.21	
10559	97.69	521.01	145.26	47.57	
10560	97.69	0	145.26	47.57	
10561	97.69	7.2	145.25	47.56	
10562	99.05	26.66	145.28	46.23	
10563	79.4	60.97	104.03	24.63	
10564	71.46	0	104.12	32.66	
10565	76.36	401.54	102.31	25.95	
10566	68.39	148.3	102.49	34.1	
10567	69.25	17.19	102.48	33.23	
10568	71.09	26.94	102.39	31.3	
10569	49.47	52.94	99.35	49.88	
10570	43.93	1406.46	90.44	46.51	
10571	41.33	131.04	98.72	57.39	
10572	44.78	70.35	98.71	53.93	
10573	42.12	40.22	98.72	56.6	
10574	42.92	56.82	98.72	55.8	
10575	71.05	104.05	97.39	26.34	
10576	66.74	1.79	98.66	31.92	
10577	66.05	856.83	98.61	32.56	
10578	52.93	121.1	102.47	49.54	
10579	53.29	0	102.52	49.23	
10580	49.33	25.65	102.46	53.13	
10581	49.89	38.83	102.51	52.62	
10582	50.34	2469.77	102.04	51.7	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
10583	50.28	0	101.28	51	
10584	46.93	1265.2	101.67	54.74	
10585	46.26	1482.74	101.34	55.08	
10586	65.23	217.31	92.21	26.98	
10587	59.53	856.11	98.14	38.61	
10588	65.64	17.68	98.02	32.38	
10589	75.17	0	98.03	22.86	
10590	65.23	57.31	98.03	32.8	
10591	64.13	20.08	98.01	33.88	
10592	86.46	0	190.35	103.89	
10593	68.25	1.39	98.02	29.77	
10594	80	0	190.4	110.4	
10595	80	0	98.01	18.01	
10596	73.36	0	97.3	23.94	
10597	51.7	0.29	98.34	46.64	
10598	48.4	354.19	95.05	46.65	
10599	46.86	486.9	95.34	48.48	
10600	61.93	60.97	93.19	31.26	
10601	55.38	19.66	93.26	37.88	
10602	53.2	0	95.33	42.13	
10603	49.81	175.73	94.81	45	
10604	61.51	0.52	96.53	35.02	
10605	62.43	4.26	96.53	34.1	
10606	56.6	7.39	98.68	42.08	
10607	67.45	27.69	98.48	31.03	
10608	63.54	8.32	97.67	34.13	
10609	63.69	35.16	97.66	33.97	
10610	71.55	36.45	97.88	26.33	
10611	64.27	22.59	97.91	33.64	
10612	36.6	45.56	97.57	60.97	
10613	33.05	14.46	97.55	64.5	
10614	60.06	18.85	98.23	38.17	
10615	69.43	1930.88	98.25	28.82	
10616	48.27	23.3	85.79	37.52	
10617	46.72	28.75	100.01	53.29	
10618	45.28	36.54	100.05	54.77	
10619	64.16	0	98.02	33.86	
10620	64.16	3.81	98.01	33.85	
10621	65.18	8.03	98.02	32.84	
10622	79.22	3.21	98.01	18.79	
10623	39.95	18.36	75.99	36.04	
10624	78.87	0	99.62	20.75	
10625	58.86	35.26	97.37	38.51	
10626	70.91	16.3	99.71	28.8	
10627	69.91	16.3	98.13	28.22	
10628	70.19	0	97.03	26.84	
10629	71.68	0	99.7	28.02	
10630	42.08	0	100	57.92	
10631	119.37	0	264.26	144.89	
10632	49.7	74.56	97.82	48.12	
10634	44.46	0	98.57	54.11	
10635	82.78	0	178.5	95.72	
10636	83.3	0	96.89	13.59	
10637	46.41	0	100.08	53.67	
10638	96.73	0	98.58	1.85	
10639	50.05	0	99.47	49.42	
10641	38.48	26.77	100.64	62.16	
10643	69.41	0	101.26	31.85	
10644	45.9	0	98.58	52.68	
10645	67.43	45.56	98.9	31.47	
10647	90.66	0	97.62	6.96	
10648	46.17	40.66	98.58	52.41	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
10649	59.26	9.39	98.47	39.21	
10650	44.27	17.95	98.95	54.68	
10651	69.47	56.87	141.87	72.4	
10652	48.09	0	98.74	50.65	
10653	75.45	0	99.36	23.91	
10654	58.66	0	98.21	39.55	
10655	75.27	0	99.26	23.99	
10656	68.48	45.42	99.23	30.75	
10657	70.85	0	98.08	27.23	
10658	71.84	0	101.14	29.3	
10659	68.71	0	99.38	30.67	
10660	75.56	0	99.25	23.69	
10661	71.33	0	97.54	26.21	
10662	72.57	30.3	98.17	25.6	
10663	43.86	0	98.66	54.8	
10664	50.2	0	101.48	51.28	
10665	73.57	0	102.71	29.14	
10666	65.23	63.47	101.47	36.24	
10667	87.3	0	135.57	48.27	
10668	71.12	23.98	99.85	28.73	
10669	50.2	0	101.48	51.28	
10670	50.39	0	101.84	51.45	
10671	50.94	405.06	101.28	50.34	
10672	49.43	0	101.8	52.37	
10673	70.75	0	99.95	29.2	
10674	57.58	0	102.01	44.43	
10675	58.24	465.59	102.25	44.01	
10676	69.64	0	100.91	31.27	
10677	56.75	0	101.56	44.81	
10678	73.54	0	103.32	29.78	
10679	67.28	0	103.29	36.01	
10680	73.75	0	102.95	29.2	
10681	46.28	0	101.29	55.01	
10682	61.43	81.02	101.09	39.66	
10683	69.85	25.73	101.2	31.35	
10684	68.59	59.71	101.15	32.56	
10685	61.48	24.69	101.1	39.62	
10686	70.75	25.12	101.27	30.52	
10687	88.3	300	100.71	12.41	
10688	89.75	21.66	99.68	9.93	
10689	54.55	686.16	97.98	43.43	
10690	70.59	14.76	99.57	28.98	
10691	68.82	27.14	99.68	30.86	
10692	77.58	0	99.69	22.11	
10693	73.91	0	99.71	25.8	
10694	66.12	0	99.68	33.56	
10695	71.88	0	99.84	27.96	
10696	62.06	0	97.09	35.03	
10697	59.48	0	97.29	37.81	
10698	82.92	25.42	99.62	16.7	
10699	58.88	992.72	97.37	38.49	
10700	67.26	758.19	97.05	29.79	
10701	64.91	22.9	99.71	34.8	
10702	71.69	0	97.03	25.34	
10703	73.44	14.51	99.7	26.26	
10704	66.43	0	98.79	32.36	
10705	36.91	0	99.94	63.03	
10706	49.87	33.31	99.64	49.77	
10707	86.37	0	264.26	177.89	
10708	42.64	0	100.45	57.81	
10709	42.94	0	100.66	57.72	
10710	44.14	0	98.58	54.44	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
10711	65.24	0	98.89	33.65	
10712	76.9	0	98.69	21.79	
10713	84.71	0	178.5	93.79	
10714	43.83	0	98.58	54.75	
10715	44.9	0	98.57	53.67	
10716	44.1	0	98.56	54.46	
10717	51.29	0	99.09	47.8	
10718	84.71	0	178.5	93.79	
10719	84.71	0	96.89	12.18	
10720	81.87	0	119.04	37.17	
10721	46.76	0	98.6	51.84	
10722	71.91	206.28	97.13	25.22	
10723	48.72	0	99.84	51.12	
10724	45.44	0	98.94	53.5	
10725	42.54	0	100.08	57.54	
10726	45.48	0	100.04	54.56	
10727	55.55	0	96.23	40.68	
10728	91.21	0	98.58	7.37	
10729	45.31	0	98.93	53.62	
10730	50.05	0	99.48	49.43	
10731	48.64	0	98.93	50.29	
10732	58.17	0	98.77	40.6	
10733	56.62	40.22	98.41	41.79	
10734	88.33	0	98.76	10.43	
10735	50.85	0	98.78	47.93	
10736	55.87	0	98.58	42.71	
10737	71.94	26.66	97.08	25.14	
10738	38.24	0	100.56	62.32	
10739	42.46	12.92	98.49	56.03	
10740	69.39	0	101.26	31.87	
10741	70.73	0	101.25	30.52	
10742	72.37	0	100.89	28.52	
10743	70.81	0	101.24	30.43	
10744	30.17	0	86.9	56.73	
10745	44.75	213.86	98.95	54.2	
10746	90.66	0	100.7	10.04	
10747	65.58	14.63	98.93	33.35	
10748	50.69	0	98.95	48.26	
10749	71.15	311.76	101.2	30.05	
10750	68.71	0	99.57	30.86	
10751	75.27	0	99.26	23.99	
10752	72.13	40.15	98.87	26.74	
10754	85.32	0	132.86	47.54	
10755	76.76	0	190.23	113.47	
10756	72.87	0	98.39	25.52	
10757	74.54	0	98.39	23.85	
10758	76.09	0	98.18	22.09	
10759	72.89	0	99.44	26.55	
10760	60.94	0	98.99	38.05	
10761	72.31	0	95.91	23.6	
10762	72.31	27.75	98.18	25.87	
10763	71.74	0	97.48	25.74	
10764	67.55	0	98.08	30.53	
10765	72.69	23.02	98.18	25.49	
10766	71.56	0	98.39	26.83	
10767	71.14	0	97.64	26.5	
10768	80.08	0	190.13	110.05	
10769	64.37	0	99.19	34.82	
10770	60.23	0	98.08	37.85	
10771	72.33	25.98	98.18	25.85	
10772	71.05	0	98.08	27.03	
10773	64.74	0	99.61	34.87	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
10774	72.31	0	98.18	25.87	
10775	45.42	299.93	98.93	53.51	
10776	65.41	0	99.23	33.82	
10777	65.43	0	99.21	33.78	
10778	70.94	0	99.22	28.28	
10779	75.27	0	99.26	23.99	
10780	71.44	0	98.28	26.84	
10781	62.52	0	99.05	36.53	
10782	66.76	28.13	99.07	32.31	
10783	72.35	0	98.18	25.83	
10784	71.68	0	98.28	26.6	
10785	73.57	0	102.71	29.14	
10786	131.1	14483	177.55	46.45	
10787	83.23	0	133.07	49.84	
10788	83.23	0	133.07	49.84	
10789	66.97	15.29	100.4	33.43	
10790	67.88	96.16	100.4	32.52	
10791	80	0	133.12	53.12	
10792	67.67	0	132.96	65.29	
10793	72.15	0	123.37	51.22	
10794	66.17	0	96.13	29.96	
10795	64.91	0	96.13	31.22	
10798	165	0	286.32	121.32	
10799	89.27	0	124.44	35.17	
10800	81.87	0	119.04	37.17	
10801	78.7	0	98.96	20.26	
10802	78.42	20.22	98.95	20.53	
10803	78.42	0	98.97	20.55	
10804	71.71	0	95.99	24.28	
10805	66.82	0	111.87	45.05	
10806	67.42	0	117.2	49.78	
10807	72.31	0	111.89	39.58	
10808	71.76	0	111.82	40.06	
10809	71.57	0	96.46	24.89	
10810	68.37	0	96.46	28.09	
10811	67.73	0	96.46	28.73	
10812	67.26	0	97.27	30.01	
10813	67.18	0	96.51	29.33	
10814	78.33	30.33	100.46	22.13	
10815	78.33	31.3	100.44	22.11	
10816	76.85	29.16	123.35	46.5	
10817	76.85	29.16	123.34	46.49	
10818	78.88	0	123.39	44.51	
10819	80.44	34.02	123.38	42.94	
10820	77.58	0	135.7	58.12	
10821	80.2	0	135.57	55.37	
10822	80.2	0	100.69	20.49	
10823	77.72	0	100.17	22.45	
10824	84.93	0	100.13	15.2	
10825	78.82	0	100.08	21.26	
10826	69.2	0	137.58	68.38	
10827	88.3	0	139.21	50.91	
10828	88.3	0	139.01	50.71	
10829	65.74	0	137.58	71.84	
10830	72.63	0	100.04	27.41	
10831	77.36	0	136.21	58.85	
10832	75.11	0	136.24	61.13	
10833	74.49	0	99.4	24.91	
10834	69.52	0	99.71	30.19	
10835	78.35	0	135.36	57.01	
10836	61.51	0	131.66	70.15	
10837	68.84	0	131.66	62.82	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
10838	63.52	0	96	32.48	
10839	63.52	0	96.04	32.52	
10840	63.52	0	96.06	32.54	
10842	68.14	0	131.38	63.24	
10843	68.14	0	95.91	27.77	
10844	68.52	0	132.42	63.9	
10845	70.54	0	95.92	25.38	
10846	69.81	0	95.95	26.14	
10848	70.88	0	95.91	25.03	
10849	70.88	0	95.92	25.04	
10850	71.38	0	95.92	24.54	
10851	69.9	0	133.37	63.47	
10853	61.46	0	111.19	49.73	
10854	66.94	0	111.51	44.57	
10855	76.05	0	95.99	19.94	
10856	66.38	0	111.18	44.8	
10857	64.13	0	111.23	47.1	
10858	64.13	0	111.21	47.08	
10859	64.48	0	95.98	31.5	
10860	66.26	0	111.23	44.97	
10861	69.27	0	95.93	26.66	
10862	69.42	0	95.93	26.51	
10863	62.78	0	111.2	48.42	
10864	62.29	0	95.97	33.68	
10865	69.36	0	96.06	26.7	
10866	67.79	0	111.46	43.67	
10867	70.91	0	111.46	40.55	
10868	66.94	0	96.06	29.12	
10869	64.47	0	96.12	31.65	
10870	66.17	0	96.14	29.97	
10871	69.3	0	167.6	98.3	
10872	63.45	0	168.75	105.3	
10873	63.45	0	96.1	32.65	
10874	85.52	0	111.86	26.34	
10875	72.44	0	96.13	23.69	
10876	80.24	0	166.94	86.7	
10879	77.55	0	166.93	89.38	
10881	81.49	0	97.11	15.62	
10882	66.5	0	96.15	29.65	
10883	71.87	0	101	29.13	
10884	69.2	0	96.14	26.94	
10885	67.81	0	96.14	28.33	
10886	63.78	0	101.01	37.23	
10887	64.6	0	101.1	36.5	
10888	79.1	0	97.16	18.06	
10889	91.48	50.28	162.74	71.26	
10890	76.37	0	98.4	22.03	
10891	75.09	49.5	162.86	87.77	
10892	83.58	0	162.94	79.36	
10893	83.4	0	162.96	79.56	
10894	85.9	24.9	97.45	11.55	
10895	77.06	0	97.15	20.09	
10896	76.68	0	163.08	86.4	
10897	76.68	0	166.78	90.1	
10898	90	0	163.19	73.19	
10899	90	0	166.93	76.93	
10900	67.28	0	96.49	29.21	
10901	59.64	0	96.85	37.21	
10902	59.64	0	97.29	37.65	
10903	60.4	0	98.14	37.74	
10904	59.04	0	98.14	39.1	
10905	65.74	0	96.97	31.23	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
10906	64.86	0	96.11	31.25	
10907	74.53	0	98.08	23.55	
10908	62.6	0	96.03	33.43	
10909	74.33	0	98.04	23.71	
10910	65.5	0	98.08	32.58	
10911	64.36	0	96.01	31.65	
10912	66.32	0	96.01	29.69	
10913	106.11	0	303.18	197.07	
10914	92.72	0	110.17	17.45	
10915	70.86	0	95.91	25.05	
10916	69.9	0	197.93	128.03	
10917	77.21	0	92.59	15.38	
10918	77.21	0	92.21	15	
10919	75.8	0	146.99	71.19	
10920	75.41	0	139.34	63.93	
10921	80	0	97.42	17.42	
10922	86.14	0	97.92	11.78	
10923	73.49	0	97.92	24.43	
10924	71.74	0	97.92	26.18	
10925	74.42	0	100.36	25.94	
10926	74.64	0	139.33	64.69	
10927	74.15	0	139.38	65.23	
10928	80.89	0	139.4	58.51	
10929	86.42	0	100.77	14.35	
10930	88.06	0	100.69	12.63	
10931	75.41	0	139.5	64.09	
10932	80.44	0	137.46	57.02	
10933	72.61	0	96.2	23.59	
10934	111.07	0	169.13	58.06	
10935	94.84	0	184.16	89.32	
10936	85.7	0	110.31	24.61	
10937	79.44	0	98.65	19.21	
10938	72.6	0	110.32	37.72	
10939	81.49	0	98.53	17.04	
10940	76.19	0	140.24	64.05	
10941	73.21	16.99	98.71	25.5	
10942	74.3	0	98.97	24.67	
10943	75.55	0	141.89	66.34	
10944	78.38	0	140.97	62.59	
10945	73.21	0	98.53	25.32	
10946	73.72	0	98.54	24.82	
10947	81.49	0	98.92	17.43	
10948	81.49	0	143.9	62.41	
10950	74.86	0	99.07	24.21	
10951	73.94	18.85	140	66.06	
10952	69.43	0	99.21	29.78	
10953	77.4	0	139.95	62.55	
10956	74.06	0	98.38	24.32	
10957	70.29	0	96.2	25.91	
10958	88.48	0	169.7	81.22	
10959	84.48	0	142.41	57.93	
10960	77.2	0	140.36	63.16	
10961	77.2	0	142.41	65.21	
10962	85.15	32.49	100.69	15.54	
10963	82.26	0	100.86	18.6	
10964	76.38	0	117.67	41.29	
10965	79.54	0	100.87	21.33	
10966	87.54	0	118.39	30.85	
10967	87.54	0	169.08	81.54	
10968	91.25	0	169.08	77.83	
10969	84.63	0	100.87	16.24	
10970	82.06	0	118.65	36.59	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
10971	79.28	0	118.56	39.28	
10972	82.78	0	127.23	44.45	
10973	82.48	0	100.43	17.95	
10974	82.48	0	127.23	44.75	
10975	84.05	0	118.44	34.39	
10976	84.05	0	118.44	34.39	
10977	78.57	0	100.87	22.3	
10978	78.57	0	101.07	22.5	
10979	75.82	0	100.44	24.62	
10980	60.15	0	96.06	35.91	
10981	65.72	0	98.53	32.81	
10982	65.72	0	98.58	32.86	
10983	71.68	0	98.89	27.21	
10984	78.55	0	121.97	43.42	
10985	67.3	0	98.78	31.48	
10986	68.07	0	98.76	30.69	
10987	70.44	0	98.75	28.31	
10988	78.61	0	122.05	43.44	
10989	76.8	0	99.09	22.29	
10990	75.27	0	98.96	23.69	
10991	68.58	0	99.21	30.63	
10992	76.5	0	122.06	45.56	
10993	76.5	0	122.06	45.56	
10994	82.3	0	96.97	14.67	
10995	77.46	0	96.97	19.51	
10996	70.18	0	122.05	51.87	
10997	81.8	0	122.05	40.25	
10998	89.9	0	99.56	9.66	
10999	86.45	141.96	104.07	17.62	
11000	86.43	0	104.33	17.9	
11001	67.88	0	96.8	28.92	
11002	64.08	0	96.8	32.72	
11003	70.35	0	97.88	27.53	
11004	71.09	0	120.07	48.98	
11005	74.6	0	120.07	45.47	
11006	78.69	0	98.94	20.25	
11007	73.23	0	99.62	26.39	
11008	73.23	0	99.62	26.39	
11009	72.88	0	120.16	47.28	
11010	69.48	0	98.47	28.99	
11011	66.18	0	120.16	53.98	
11012	34.8	0	152.83	118.03	
11013	72.68	0	99.05	26.37	
11014	74.35	0	99.05	24.7	
11015	72.68	0	127.12	54.44	
11016	76.24	0	190.26	114.02	
11017	77.57	0	98.18	20.61	
11018	77.57	0	124.43	46.86	
11019	98.67	0	124.43	25.76	
11020	98.67	0	127.5	28.83	
11021	107.73	0	127.5	19.77	
11022	107.73	0	129.47	21.74	
11023	107.73	0	127.5	19.77	
11024	107.41	0	127.96	20.55	
11025	107.41	0	127.96	20.55	
11026	112.86	0	127.94	15.08	
11027	79.86	0	98.18	18.32	
11028	67.67	0	98.18	30.51	
11029	67.67	0	190.26	122.59	
11030	99.3	0	240.31	141.01	
11031	99.3	0	109.97	10.67	
11032	210	0	408.17	198.17	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
11033	210	0	298.97	88.97	
11034	153.7	0	301.13	147.43	
11035	153.7	0	222.68	68.98	
11036	153	0	383.08	230.08	
11037	153	0	224.42	71.42	
11038	140.5	0	383.08	242.58	
11039	97.5	0	184.85	87.35	
11040	88	0	173.32	85.32	
11041	74.32	0	145.47	71.15	
11042	79.36	0	102.71	23.35	
11043	77	0	145.61	68.61	
11044	77	0	102.56	25.56	
11045	79.22	0	104.14	24.92	
11046	79.22	0	145.18	65.96	
11047	95.62	0	145.18	49.56	
11048	86.68	0	101.15	14.47	
11049	89.3	0	225.97	136.67	
11050	90.8	0	128.1	37.3	
11051	79.07	0	128.86	49.79	
11053	65.94	0	100.09	34.15	
11054	67.1	0	98.34	31.24	
11055	63.13	0	98.15	35.02	
11056	64.2	0	100.83	36.63	
11057	72.09	0	100.04	27.95	
11058	63.18	0	98.4	35.22	
11059	62.14	0	98.12	35.98	
11060	72.05	0	101.11	29.06	
11061	65.13	0	101.11	35.98	
11062	63.19	0	101.02	37.83	
11063	62.14	0	97.98	35.84	
11064	77.67	0	204.56	126.89	
11065	106.11	0	197.89	91.78	
11066	80	0	160.51	80.51	
11067	85	0	122.19	37.19	
11068	72.36	0	191.09	118.73	
11069	72.36	0	97.78	25.42	
11070	159.73	0	388.21	228.48	
11071	159.73	0	309.55	149.82	
11072	141	0	309.56	168.56	
11073	141	0	262.58	121.58	
11074	66.34	0	178.29	111.95	
11075	86.37	0	264.26	177.89	
11076	64.12	0	98.02	33.9	
11077	142.5	0	158.41	15.91	
11078	142.5	0	198.51	56.01	
11080	62	0	201.02	139.02	
11081	62	0	97.43	35.43	
11082	47.69	0	129.74	82.05	
11083	67.26	0	75.87	8.61	
11084	67.26	0	168.18	100.92	
11085	85	0	94.49	9.49	
11086	85	0	160.04	75.04	
11087	59.48	0	195.64	136.16	
11088	85	0	171.53	86.53	
11089	85	0	231.55	146.55	
11090	69.28	0	96.15	26.87	
11091	69.28	0	169.39	100.11	
11092	69.28	0	96	26.72	
11093	93.27	0	157.79	64.52	
11094	66.66	0	191.36	124.7	
11095	85.21	0	110.31	25.1	
11096	81.35	0	116	34.65	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	등수두 (m)	잔류수두 (m)	비고
11097	75.43	0	110.32	34.89	
11099	68.9	0	98.64	29.74	
11100	71.47	0	98.6	27.13	
11102	71.47	0	184.53	113.06	
11103	71.47	0	98.6	27.13	
11104	72.68	0	102.47	29.79	
11105	72.68	0	97.27	24.59	
11106	72.68	0	187.42	114.74	
11107	72.68	0	97.34	24.66	
11108	83.1	0	129.21	46.11	
11109	83.1	0	97.94	14.84	
11110	75.1	0	95.59	20.49	
11111	75.1	0	110.35	35.25	
11112	68.43	0	184.58	116.15	
11113	68.43	0	95.86	27.43	
11114	68.43	0	199.38	130.95	
11115	68.43	0	95.86	27.43	
11116	68.43	0	95.86	27.43	
11117	79.12	0	96.84	17.72	
11118	80.85	0	96.82	15.97	
11119	62.5	0	206.15	143.65	
11120	62.5	0	95.95	33.45	
11121	80.1	0	200.44	120.34	
11122	80.1	0	96.93	16.83	
11123	66.38	0	183.51	117.13	
11124	66.38	0	98.47	32.09	
11125	66.38	0	178.25	111.87	
11126	66.38	0	98.47	32.09	
11127	75.54	0	98.58	23.04	
11128	71.45	0	125.15	53.7	
11129	71.45	0	125.15	53.7	
11130	71.45	0	98.59	27.14	
11131	94.63	0	348.71	254.08	
11132	94.63	0	262.58	167.95	
11133	76.1	0	210.36	134.26	
11134	76.1	0	98.77	22.67	
11135	73.91	0	163.8	89.89	
11136	75.34	0	168.33	92.99	
11137	69.8	0	95.99	26.19	
11138	69.8	0	138.71	68.91	
11139	78.43	0	166.57	88.14	
11140	78.43	0	93.12	14.69	
11141	84.79	0	210.78	125.99	
11143	70.75	0	140.24	69.49	
11144	69.2	0	100.08	30.88	
11145	75.64	0	145.47	69.83	
11146	79.24	0	98.97	19.73	
11147	79.24	0	119.04	39.8	
11154	86.55	0	98.27	11.72	
11155	86.55	0	98.26	11.71	
11156	92.31	0	173.11	80.8	
11157	92.31	0	143.01	50.7	
11158	76.12	0	97.52	21.4	
11159	76.12	0	141.19	65.07	
11160	69.47	0	99.23	29.76	
11161	69.47	0	140.59	71.12	
11162	78.5	0	98.54	20.04	
11163	78.5	0	137.43	58.93	
11164	92.17	77.11	117.65	25.48	
11165	92.17	0	169.18	77.01	
11166	70.39	0	120.07	49.68	
11167	81.55	0	139.38	57.83	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
11170	66.38	0	96.06	29.68	
11172	80.89	0	98.98	18.09	
11173	76.9	0	119.02	42.12	
11175	81.55	0	139.38	57.83	
11177	70.55	0	96.03	25.48	
11179	80.89	0	119.09	38.2	
11180	76.9	0	98.69	21.79	
11182	74.05	0	263.04	188.99	
11183	67.1	8.16	97.12	30.02	
11184	59.76	47.47	93.4	33.64	
11185	42.88	10.19	100.26	57.38	
11186	68.67	0	98.52	29.85	
11187	49.79	41.97	75.71	25.92	
11188	102.25	44.05	144.61	42.36	
11189	85	0	98.39	13.39	
11190	85	0	98.39	13.39	
11191	50.78	25.89	97.15	46.37	
11192	73.53	0	97.62	24.09	
11193	82.78	0	96.89	14.11	
11194	88.9	0	98.76	9.86	
11195	88.1	0	97.15	9.05	
11196	89.55	0	96.8	7.25	
9	61.9	0	95.97	34.07	
47	79.86	0	166.93	87.07	
136	85.26	0	96.85	11.59	
138	71.16	0	96.86	25.7	
169	62.96	0	97.09	34.13	
199	66.18	0	98.47	32.29	
209	94.63	0	348.71	254.08	
603	74.7	0	119.61	44.91	
649	87.71	0	135.69	47.98	
1213	87.71	0	135.65	47.94	
1287	74.04	0	100.44	26.4	
1508	88.32	0	169.16	80.84	
1792	87.62	331.88	117.63	30.01	
3120	87.23	0	117.66	30.43	
3198	78.26	0	173.28	95.02	
3406	63.64	0	97.92	34.28	
3510	71.05	0	98.53	27.48	
3513	80.44	0	137.38	56.94	
3791	81.49	0	98.92	17.43	
4142	81.49	0	155.03	73.54	
4771	79.52	0	98.18	18.66	
5486	111.4	0	127.96	16.56	
5551	73.2	0	96.32	23.12	
5552	73.2	0	96.33	23.13	
5634	78.33	22.75	100.85	22.52	
5581	72.75	0	111.22	38.47	
672	71.35	0	98.24	26.89	
5864	71.47	0	205.58	134.11	
5391	88	0	100.6	12.6	
5392	70.51	0	98.65	28.14	
5976	83.39	0	122.05	38.66	
6003	75.12	0	98.75	23.63	
6552	75.12	0	121.98	46.86	
8962	71.81	0	98.76	26.95	
9040	71.81	0	121.97	50.16	
9783	70.12	0	98.78	28.66	
9827	70.12	0	121.97	51.85	
10384	81.3	0	122.06	40.76	
10386	82.42	5.28	96.91	14.49	
10633	82.38	0	96.87	14.49	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
10640	80.45	0	96.87	16.42	
10646	77.9	0	96.87	18.97	
10753	59.84	0	97.3	37.46	
11052	66.34	0	178.29	111.95	
11098	80.23	0	122.91	42.68	
11079	78.43	0	166.57	88.14	
11101	68.94	102.73	100.89	31.95	
11142	73.54	0	145.48	71.94	
11174	73.44	0	145.48	72.04	
11198	79.22	0	98.53	19.31	
11199	73.57	0	137.38	63.81	
11200	85.12	0	138.58	53.46	
11201	97.69	0	104.7	7.01	
11202	79.39	0	102.95	23.56	
11203	69.28	0	96.03	26.75	
1396	84.25	0	120.05	35.8	
11204	82.54	0	120.04	37.5	
11205	92.14	0	100.87	8.73	
11206	84.1	0	101.39	17.29	
11207	60.84	0	120.08	59.24	
11208	48.5	0	75.87	27.37	
11209	0	0	75.65	75.65	
11210	0	0	75.69	75.69	
11211	0	0	75.69	75.69	
11212	0	0	75.69	75.69	
11213	36.1	0	75.39	39.29	
11214	31.26	0	89.58	58.32	
11215	60.53	0	97.55	37.02	
11216	75.77	0	98.28	22.51	
11217	36.91	0	101.1	64.19	
11218	42.92	0	100	57.08	
11219	42.54	0	98.93	56.39	
11220	45.05	0	98.44	53.39	
11221	47.12	0	98.43	51.31	
11222	45.45	0	98.6	53.15	
11223	47.48	0	97.92	50.44	
11224	50.91	0	97.12	46.21	
11225	48.12	0	97	48.88	
11226	48.52	0	96.97	48.45	
11227	52.9	0	96.15	43.25	
11228	55.55	0	98.5	42.95	
11229	56.51	0	96.1	39.59	
11230	59.47	0	98.21	38.74	
11231	65.72	0	97.98	32.26	
11232	70.69	0	95.92	25.23	
11233	72.34	0	97.45	25.11	
11234	74.3	0	96.33	22.03	
9699	85	0	98.39	13.39	
10642	37.5	0	85.66	48.16	
11235	38.1	0	75.43	37.33	
11236	106.82	0	156.56	49.74	
11238	69.46	0	115.99	46.53	
11239	69.46	0	98.71	29.25	
11240	77.4	0	98.64	21.24	
11241	75.65	0	98.62	22.97	
11242	77.56	0	155.03	77.47	
11243	66.66	0	98.82	32.16	
11244	66.66	0	191.32	124.66	
11245	69.46	0	98.66	29.2	
11246	100.47	0	180.58	80.11	
11247	85.32	0	132.86	47.54	
11249	71.79	0	99.05	27.26	

1.1 대전광역시 격점 관망해석자료 (2008년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
11250	97.32	0	132.86	35.54	
11251	85.32	0	132.86	47.54	
11252	66.64	0	97.97	31.33	
11253	65.93	0	117.15	51.22	
11254	73.5	0	110.35	36.85	
11255	73.63	0	95.91	22.28	
11256	68.31	0	131.91	63.6	
11258	72.09	0	131.68	59.59	
11259	62.29	0	95.93	33.64	
11260	146.44	0	210.46	64.02	
11261	71.49	0	96.13	24.64	
11262	76.16	0	166.94	90.78	
11263	76.16	0	96.98	20.82	
11264	76.16	0	96.93	20.77	
11265	76.16	0	166.94	90.78	
11266	94.5	0	137.89	43.39	
4528	46.41	0	100.08	53.67	
10796	44.63	0	100.16	55.53	
10797	47.9	0	98.99	51.09	
10841	48.06	0	98.95	50.89	
10847	56.62	0	98.41	41.79	
10852	61.27	0	97.82	36.55	
10877	80.24	0	96.55	16.31	
10878	69.3	0	96.95	27.65	
10880	69.3	0	96.95	27.65	
10949	48.23	0	92.51	44.28	
10954	37.9	0	98.64	60.74	
11148	40.24	0	89.4	49.16	
11149	135	160.73	167.97	32.97	
11150	140	4484.59	156.45	16.45	
11151	125	5352.61	137.85	12.85	
11152	150.9	889.8	210.18	59.28	
11153	126	361.4	167.72	41.72	
11168	145	2956.07	157.14	12.14	
11169	126.5	2637.64	177.31	50.81	
11171	167.4	1234.57	199.73	32.33	
11176	172.7	1729.77	210.34	37.64	
11178	115	1485.23	203.72	88.72	
11181	106	236.48	160.49	54.49	
11248	137	2418.88	181.85	44.85	
11267	121.6	3841.12	128.59	6.99	
11268	148.8	4109.95	187.43	38.63	
11269	134.3	8088.35	178.7	44.4	
11270	115	415.25	202.96	87.96	
11271	120	230.53	184.3	64.3	
11272	152	6820.71	153.54	1.54	
11273	125	9881.74	156.5	31.5	
11274	101.3	248.17	160.04	58.74	
11275	114	1715.06	180.94	66.94	
11276	294.8	209.17	407.51	112.71	
11277	165	22.74	348.69	183.69	
11278	203.8	272.16	213.63	9.83	
11280	0	0	188.6	188.6	
11281	0	0	188.55	188.55	
11282	165	728.09	199.78	34.78	
11283	80.58	0	97.92	17.34	
10955	72.1	0	96.33	24.23	
11197	67.27	0	96.3	29.03	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
1	2	66.63	300	100	2228.31	0.36	0.85	
2	6	0.4	200	100	0.00	0	0	
3	7	101.8	80	100	0.00	0	0	
4	8	287.84	400	100	0.00	0	0	
5	9	85.41	400	100	3005.74	0.28	0.36	
6	10	871.74	200	100	0.00	0	0	
7	12	189.65	80	100	206.68	0.48	6.5	
8	13	68.33	200	100	0.01	0	0	
9	15	51.94	150	100	0.00	0	0	
10	17	89.29	200	100	400.76	0.15	0.26	
11	19	17.26	100	100	51.82	0.08	0.17	
12	21	2.91	200	100	1185.77	0.44	1.91	
13	23	209.41	150	100	0.00	0	0	
14	24	249.11	150	100	0.00	0	0	
15	25	97.89	150	100	0.00	0	0	
16	26	5.92	150	100	335.99	0.22	0.75	
17	27	465.56	300	100	0.00	0	0	
18	28	2.13	150	100	0.00	0	0	
19	29	170.61	150	100	0.00	0	0	
20	30	25.45	150	100	331.88	0.22	0.73	
21	31	88.06	150	100	77.11	0.05	0.05	
22	32	184.85	250	100	596.52	0.14	0.18	
23	33	26.41	200	100	775.47	0.29	0.87	
24	35	108.07	400	100	2228.31	0.21	0.21	
25	38	1.09	300	100	2963.30	0.49	1.44	
26	39	273.77	150	100	0.00	0	0	
27	40	37.15	250	100	152.12	0.04	0.01	
28	41	2.11	500	100	3486.31	0.21	0.16	
29	44	2.5	200	100	0.01	0	0	
30	47	0.12	400	100	2423.98	0.22	0.23	
31	53	168.04	150	100	461.50	0.3	1.35	
32	54	180.91	200	100	802.92	0.3	0.92	
33	55	37.39	150	100	408.98	0.27	1.08	
34	56	582.61	100	100	48.95	0.07	0.15	
35	57	291.87	100	100	85.76	0.13	0.43	
36	58	89.53	150	100	53.24	0.03	0.02	
37	59	81.72	300	100	2455.83	0.4	1.02	
38	60	83.34	100	100	41.82	0.06	0.11	
39	61	79.29	150	100	129.32	0.08	0.13	
40	62	137.17	150	100	206.15	0.14	0.3	
41	63	247.02	150	100	249.21	0.16	0.43	
42	64	799.85	150	100	95.43	0.06	0.07	
43	65	68.76	100	100	544.61	0.8	13.18	
44	66	201.86	1100	100	78359.13	0.95	1.11	
45	67	218.17	100	100	79.46	0.12	0.37	
46	68	1.07	200	100	1158.92	0.43	1.83	
47	69	12.21	400	100	715.20	0.07	0.03	
48	70	19.28	100	100	56.41	0.08	0.2	
49	71	82.13	1500	100	109.62	0	0	
50	72	574.76	1000	100	2725.39	0.04	0	
51	73	51.39	150	100	83.48	0.05	0.06	
52	74	175.8	500	100	13345.65	0.79	1.94	
53	75	377.85	350	100	1393.50	0.17	0.17	
54	76	238.06	350	100	369.13	0.04	0.01	
55	77	349.19	350	100	312.72	0.04	0.01	
56	78	30.76	200	100	14.20	0.01	0	
57	79	141.8	80	100	18.19	0.04	0.07	
58	80	355.89	100	100	1.90	0	0	
59	81	526.59	350	100	0.00	0	0	
60	82	1.28	200	100	0.00	0	0	
61	83	13.84	200	100	60.97	0.02	0.01	
62	84	54.76	300	100	0.00	0	0	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
63	85	349.64	400	100	3516.44	0.32	0.49	
64	86	51.91	200	100	303.01	0.11	0.15	
65	87	226.46	200	100	173.34	0.06	0.05	
66	88	261.8	200	100	112.66	0.04	0.02	
67	89	132.26	80	100	22.74	0.05	0.11	
68	90	181.85	400	100	0.00	0	0	
69	91	58.97	900	100	9230.04	0.17	0.06	
70	92	2395.16	900	100	24485.92	0.45	0.34	
71	93	261.19	600	100	6725.88	0.28	0.22	
72	94	360.01	200	100	1898.41	0.7	4.55	
73	95	115.5	600	100	5233.60	0.21	0.14	
74	96	863.58	600	100	3335.18	0.14	0.06	
75	97	22.24	500	100	461.56	0.03	0	
76	98	586.51	1000	100	19933.36	0.29	0.14	
77	99	820.7271	500	100	2153.10	0.13	0.07	
78	100	1021.9	300	100	877.10	0.14	0.15	
79	101	528.83	150	100	1.69	0	0	
80	102	4038.96	200	100	373.92	0.14	0.22	
81	103	148.52	150	100	446.00	0.29	1.26	
82	104	42.16	400	100	12976.89	1.2	5.46	
83	105	341.3	500	100	14082.10	0.83	2.14	
84	106	297.66	1350	100	124241.70	1	0.96	
85	107	21.2	200	100	15.38	0.01	0	
86	108	85.05	150	100	360.69	0.24	0.85	
87	109	78.24	150	100	56.57	0.04	0.03	
88	110	23.59	600	100	9758.60	0.4	0.45	
89	111	712.17	200	100	711.13	0.26	0.74	
90	112	409.59	100	100	5.72	0.01	0	
91	113	79.91	100	100	12.36	0.02	0.01	
92	114	1245.82	700	100	19519.89	0.59	0.76	
93	115	179.04	100	100	53.06	0.08	0.18	
94	116	23.46	1100	100	97247.59	1.18	1.65	
95	117	10.47	1500	100	21710.18	0.14	0.02	
96	118	77.93	150	100	1812.68	1.19	16.95	
97	119	10.78	150	100	1928.65	1.26	19.02	
98	120	39.51	200	100	492.49	0.18	0.37	
99	121	67.28	100	100	76.34	0.11	0.35	
100	122	134.32	100	100	109.10	0.16	0.67	
101	123	22.78	1500	100	118980.60	0.78	0.53	
102	124	62.37	100	100	216.24	0.32	2.38	
103	125	192.85	100	100	107.47	0.16	0.65	
104	126	70.25	350	100	142.96	0.02	0	
105	127	145.12	100	100	7.78	0.01	0.01	
106	128	49.23	100	100	70.73	0.1	0.3	
107	129	30.44	100	100	207.53	0.31	2.21	
108	130	54.77	200	100	1177.25	0.43	1.88	
109	131	91.59	100	100	104.20	0.15	0.62	
110	132	68.68	100	100	33.33	0.05	0.07	
111	133	85.25	100	100	66.09	0.1	0.27	
112	134	42.09	100	100	66.06	0.1	0.26	
113	135	73.76	100	100	63.22	0.09	0.24	
114	136	46.33	350	100	2141.75	0.26	0.37	
115	137	85.35	100	100	207.69	0.31	2.21	
116	138	12.06	100	100	183.59	0.27	1.76	
117	139	68.39	300	100	3214.71	0.53	1.67	
118	140	33.32	100	100	224.83	0.33	2.56	
119	141	37.17	500	100	13900.71	0.82	2.09	
120	142	97.31	80	100	312.78	0.72	13.99	
121	143	93.27	80	100	69.74	0.16	0.87	
122	144	32.63	100	100	44.38	0.07	0.13	
123	145	170.72	100	100	111.14	0.16	0.69	
124	146	39.16	80	100	26.68	0.06	0.15	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
125	147	121.42	350	100	10943.64	1.32	7.64	
126	148	135.76	350	100	2471.79	0.3	0.49	
127	149	243.35	200	100	1087.70	0.4	1.62	
128	150	41.54	100	100	55.53	0.08	0.19	
129	151	71.51	80	100	54.33	0.13	0.55	
130	152	43.97	100	100	195.95	0.29	1.98	
131	153	83.07	100	100	122.83	0.18	0.84	
132	154	60.78	150	100	1241.20	0.81	8.41	
133	155	100.18	100	100	433.37	0.64	8.63	
134	156	78.6	100	100	506.82	0.75	11.53	
135	157	158.5	100	100	141.38	0.21	1.08	
136	158	119.09	80	100	109.70	0.25	2.01	
137	159	3.43	80	100	32.73	0.08	0.21	
138	160	120.62	350	100	2979.44	0.36	0.69	
139	161	148.23	80	100	78.95	0.18	1.09	
140	162	103.24	350	100	4425.84	0.53	1.43	
141	163	137.48	100	100	131.40	0.19	0.95	
142	164	112.54	100	100	95.52	0.14	0.52	
143	165	115.31	100	100	167.28	0.25	1.48	
144	166	61.02	100	100	104.27	0.15	0.62	
145	167	59.41	80	100	23.01	0.05	0.11	
146	168	62.53	100	100	28.41	0.04	0.06	
147	169	84.68	150	100	214.15	0.14	0.32	
148	170	86.74	150	100	61.53	0.04	0.03	
149	171	59.01	80	100	23.67	0.05	0.12	
150	172	34.35	150	100	89.81	0.06	0.06	
151	173	135.04	100	100	94.48	0.14	0.51	
152	174	79.73	80	100	62.35	0.14	0.71	
153	175	124.73	100	100	90.49	0.13	0.47	
154	176	185.11	150	100	222.65	0.15	0.35	
155	177	131.14	200	100	877.69	0.32	1.09	
156	178	42.93	80	100	172.95	0.4	4.67	
157	179	62.27	150	100	898.59	0.59	4.62	
158	180	39.55	80	100	76.52	0.18	1.03	
159	181	91.57	80	100	52.67	0.12	0.52	
160	182	89.23	400	100	8787.38	0.81	2.65	
161	183	127.6	100	100	112.23	0.17	0.71	
162	184	60.76	100	100	51.25	0.08	0.17	
163	185	167.86	400	100	8752.53	0.81	2.64	
164	186	161.12	100	100	125.15	0.18	0.86	
165	187	127.44	100	100	164.23	0.24	1.43	
166	188	64.37	100	100	101.31	0.15	0.58	
167	189	69.96	100	100	137.70	0.2	1.03	
168	190	65.37	100	100	116.73	0.17	0.76	
169	191	90.25	80	100	134.32	0.31	2.92	
170	192	66.37	400	100	9927.29	0.91	3.33	
171	193	67.77	100	100	117.46	0.17	0.77	
172	194	76.17	100	100	163.65	0.24	1.42	
173	195	45.27	100	100	309.37	0.46	4.62	
174	196	88.05	100	100	269.31	0.4	3.58	
175	197	10.71	150	100	1861.18	1.22	17.8	
176	198	419.12	300	100	1330.93	0.22	0.33	
177	199	68	400	100	10782.90	0.99	3.88	
178	200	330.82	100	100	186.66	0.28	1.81	
179	201	91.5	80	100	180.84	0.42	5.07	
180	202	122.57	80	100	154.43	0.36	3.79	
181	203	75.09	400	100	11454.94	1.06	4.34	
182	204	277.02	800	100	35730.61	0.82	1.22	
183	205	158.17	150	100	392.65	0.26	1	
184	206	64.49	100	100	221.38	0.33	2.49	
185	207	172.55	150	100	692.54	0.45	2.85	
186	208	62.24	80	100	36.30	0.08	0.26	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
187	209	69.42	400	100	5092.32	0.47	0.97	
188	210	246.23	200	100	193.34	0.07	0.07	
189	211	140.48	150	100	632.45	0.41	2.41	
190	212	174.59	100	100	217.23	0.32	2.4	
191	213	64.56	100	100	230.98	0.34	2.69	
192	214	167.6	150	100	69.40	0.05	0.04	
193	215	132.31	400	100	6530.40	0.6	1.53	
194	216	105.04	350	100	2508.69	0.3	0.5	
195	217	5.32	400	100	4808.84	0.44	0.87	
196	218	69.82	100	100	290.25	0.43	4.11	
197	219	69.02	100	100	173.82	0.26	1.59	
198	220	268.92	1000	100	77458.52	1.14	1.72	
199	221	124.25	100	100	82.53	0.12	0.4	
200	222	71.17	300	100	1955.43	0.32	0.67	
201	223	131.19	100	100	57.91	0.09	0.21	
202	224	69.54	100	100	30.52	0.04	0.06	
203	225	20.02	300	100	697.63	0.11	0.1	
204	226	6.24	300	100	1169.77	0.19	0.26	
205	227	150	250	100	1872.36	0.44	1.5	
206	228	122.42	80	100	73.52	0.17	0.96	
207	229	170.55	150	100	483.32	0.32	1.47	
208	230	68.04	100	100	19.10	0.03	0.03	
209	231	89.24	100	100	285.32	0.42	3.98	
210	232	98.78	150	100	410.58	0.27	1.08	
211	233	155.17	200	100	296.12	0.11	0.15	
212	234	111.35	300	100	1281.72	0.21	0.3	
213	235	219.03	100	100	64.03	0.09	0.25	
214	236	86.83	100	100	58.60	0.09	0.21	
215	237	99.48	300	100	1709.72	0.28	0.52	
216	238	108.39	300	100	2195.97	0.36	0.83	
217	239	229.95	100	100	37.99	0.06	0.1	
218	240	141.18	200	100	834.73	0.31	0.99	
219	241	131.65	100	100	119.94	0.18	0.8	
220	242	380.35	800	100	37334.18	0.86	1.32	
221	243	76.16	300	100	2664.28	0.44	1.18	
222	244	118.63	250	100	2177.22	0.51	1.98	
223	245	2.63	300	100	3797.68	0.62	2.28	
224	246	97.87	150	100	5.58	0	0	
225	247	68.35	300	100	13.03	0	0	
226	248	72.41	300	100	14.09	0	0	
227	249	171.51	100	100	84.66	0.12	0.42	
228	250	133.89	150	100	270.75	0.18	0.5	
229	251	74.99	300	100	228.87	0.04	0.01	
230	252	15.32	150	100	93.52	0.06	0.07	
231	253	172.73	100	100	117.56	0.17	0.77	
232	254	13.9	100	100	101.28	0.15	0.58	
233	255	92.56	250	100	514.14	0.12	0.14	
234	256	65.14	100	100	125.37	0.18	0.87	
235	257	172.64	150	100	429.92	0.28	1.18	
236	258	142.2	100	100	93.16	0.14	0.5	
237	259	55.45	150	100	48.73	0.03	0.02	
238	260	67.65	300	100	459.85	0.08	0.05	
239	261	134.65	100	100	102.21	0.15	0.59	
240	262	64.62	150	100	17.67	0.01	0	
241	263	64.8	150	100	87.05	0.06	0.06	
242	264	160.16	150	100	184.56	0.12	0.25	
243	265	98.03	100	100	20.65	0.03	0.03	
244	266	152.69	100	100	21.53	0.03	0.03	
245	267	117.74	100	100	3.61	0.01	0	
246	268	59.79	150	100	279.13	0.18	0.53	
247	269	30.23	150	100	284.27	0.19	0.55	
248	270	84.43	100	100	106.69	0.16	0.64	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
249	271	51.91	100	100	86.37	0.13	0.44	
250	272	81.45	100	100	33.00	0.05	0.07	
251	273	64.5	250	100	845.56	0.2	0.34	
252	274	63.64	250	100	386.75	0.09	0.08	
253	275	92.74	150	100	600.75	0.39	2.19	
254	276	73.56	150	100	169.71	0.11	0.21	
255	277	65.99	150	100	13.97	0.01	0	
256	278	100.67	100	100	209.15	0.31	2.24	
257	279	145.04	80	100	59.99	0.14	0.66	
258	280	167.38	150	100	234.28	0.15	0.38	
259	281	89.71	100	100	113.94	0.17	0.73	
260	282	252.2	100	100	136.07	0.2	1.01	
261	283	110.36	100	100	92.78	0.14	0.5	
262	284	109.36	250	100	1038.10	0.24	0.5	
263	285	352.39	100	100	116.55	0.17	0.76	
264	286	173.66	100	100	64.91	0.1	0.26	
265	287	146.15	100	100	40.11	0.06	0.11	
266	288	62.92	100	100	35.25	0.05	0.08	
267	289	63.25	100	100	35.64	0.05	0.08	
268	290	114.18	100	100	189.56	0.28	1.87	
269	291	83.12	150	100	348.72	0.23	0.8	
270	292	270.59	250	100	1406.90	0.33	0.88	
271	293	8.29	600	100	2956.29	0.12	0.05	
272	294	211.58	600	100	18808.11	0.77	1.51	
273	295	184.71	250	100	1020.87	0.24	0.49	
274	296	33.38	250	100	3554.47	0.84	4.9	
275	297	188.93	250	100	1856.23	0.44	1.47	
276	298	41.91	100	100	32.20	0.05	0.07	
277	299	141.98	100	100	91.97	0.14	0.49	
278	300	139.77	100	100	92.75	0.14	0.5	
279	301	76.64	100	100	30.92	0.05	0.06	
280	302	163.75	150	100	329.60	0.22	0.72	
281	303	301.33	300	100	2006.41	0.33	0.7	
282	304	79.35	150	100	792.52	0.52	3.66	
283	305	63.72	150	100	308.77	0.2	0.64	
284	306	78.03	150	100	361.18	0.24	0.85	
285	307	160.4	150	100	195.26	0.13	0.27	
286	308	93.7	150	100	410.31	0.27	1.08	
287	309	32.07	150	100	605.56	0.4	2.23	
288	310	78.13	100	100	23.41	0.03	0.04	
289	311	106.34	400	100	3673.07	0.34	0.53	
290	312	44.61	100	100	48.51	0.07	0.15	
291	313	43.96	400	100	4130.16	0.38	0.66	
292	314	43.83	100	100	101.47	0.15	0.59	
293	315	36.13	100	100	117.25	0.17	0.77	
294	316	482.66	1100	100	95303.07	1.16	1.59	
295	317	67.59	100	100	3.72	0.01	0	
296	318	93.61	80	100	16.92	0.04	0.06	
297	319	81.9	100	100	79.23	0.12	0.37	
298	320	68.87	200	100	1888.15	0.7	4.5	
299	321	206.5	200	100	321.78	0.12	0.17	
300	322	198.41	100	100	93.62	0.14	0.51	
301	323	67.14	150	100	614.74	0.4	2.29	
302	324	158.43	80	100	27.55	0.06	0.16	
303	325	144.86	200	100	709.92	0.26	0.74	
304	326	162.14	80	100	7.44	0.02	0.01	
305	327	83.43	150	100	177.08	0.12	0.23	
306	328	81.5	100	100	83.93	0.12	0.41	
307	329	105.71	80	100	118.90	0.27	2.33	
308	330	267.21	100	100	57.89	0.09	0.21	
309	331	493.74	1000	100	75226.58	1.11	1.63	
310	332	170.09	100	100	23.01	0.03	0.04	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
311	333	95.47	100	100	7.39	0.01	0	
312	334	79.65	1000	100	42971.54	0.63	0.58	
313	335	136.16	250	100	1142.24	0.27	0.6	
314	336	7.91	250	100	1142.24	0.27	0.6	
315	337	128.17	150	100	248.02	0.16	0.43	
316	338	540.42	250	100	892.89	0.21	0.38	
317	339	1.16	150	100	892.90	0.58	4.57	
318	340	5.9	150	100	126.42	0.08	0.12	
319	341	97.87	150	100	126.42	0.08	0.12	
320	342	102.22	100	100	105.60	0.16	0.63	
321	343	5.62	250	100	184.01	0.04	0.02	
322	344	78.75	100	100	125.14	0.18	0.86	
323	345	31.8	300	100	4687.73	0.77	3.37	
324	346	69.91	300	100	618.46	0.1	0.08	
325	347	64.47	150	100	406.89	0.27	1.07	
326	348	99.04	100	100	112.55	0.17	0.71	
327	349	129.43	80	100	60.28	0.14	0.66	
328	350	74.3	100	100	162.17	0.24	1.4	
329	351	78.19	100	100	152.80	0.23	1.25	
330	352	115.03	100	100	133.58	0.2	0.98	
331	353	220.51	150	100	232.05	0.15	0.38	
332	354	248.2	100	100	125.55	0.19	0.87	
333	355	47.77	150	100	667.28	0.44	2.66	
334	356	365.83	700	100	29352.26	0.88	1.62	
335	357	64.97	700	100	26590.38	0.8	1.35	
336	358	60.8	100	100	0.23	0	0	
337	359	46.13	100	100	199.01	0.29	2.04	
338	360	59.98	100	100	141.91	0.21	1.09	
339	361	14.33	100	100	324.88	0.48	5.06	
340	362	38.62	100	100	347.08	0.51	5.72	
341	363	173.36	80	100	96.60	0.22	1.59	
342	364	49.3	150	100	240.06	0.16	0.4	
343	365	36.5	150	100	302.25	0.2	0.61	
344	366	266.48	80	100	15.17	0.03	0.05	
345	367	255.18	150	100	34.03	0.02	0.01	
346	368	52.8	150	100	146.28	0.1	0.16	
347	369	7.89	200	100	1743.33	0.64	3.88	
348	370	140.46	400	100	5056.31	0.47	0.95	
349	371	65.75	400	100	6241.41	0.57	1.41	
350	372	80.23	200	100	909.21	0.33	1.16	
351	373	70.79	150	100	319.69	0.21	0.68	
352	374	56.11	150	100	118.11	0.08	0.11	
353	375	77.89	100	100	69.17	0.1	0.29	
354	376	39.93	200	100	95.55	0.04	0.02	
355	377	207.08	150	100	387.93	0.25	0.98	
356	378	33.52	100	100	33.30	0.05	0.07	
357	379	74.06	100	100	61.70	0.09	0.23	
358	380	102.62	100	100	28.75	0.04	0.06	
359	381	53.99	100	100	170.75	0.25	1.54	
360	382	170.7	100	100	60.08	0.09	0.22	
361	383	188.32	100	100	62.55	0.09	0.24	
362	384	196.63	200	100	506.57	0.19	0.39	
363	385	58.32	100	100	108.76	0.16	0.67	
364	386	141.34	100	100	84.14	0.12	0.41	
365	387	140.67	100	100	73.22	0.11	0.32	
366	388	61.38	150	100	374.56	0.25	0.91	
367	389	148.42	150	100	382.52	0.25	0.95	
368	390	157.04	80	100	72.83	0.17	0.94	
369	391	139.75	400	100	5498.41	0.51	1.11	
370	392	65.72	200	100	334.38	0.12	0.18	
371	393	88.24	150	100	154.19	0.1	0.18	
372	394	109.45	150	100	207.90	0.14	0.31	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
373	395	157.77	150	100	77.25	0.05	0.05	
374	396	148.15	400	100	5220.44	0.48	1.01	
375	397	69.48	100	100	59.95	0.09	0.22	
376	398	138.19	150	100	357.69	0.23	0.84	
377	399	153.01	150	100	18.87	0.01	0	
378	400	65.31	150	100	307.31	0.2	0.63	
379	401	66.27	150	100	15.94	0.01	0	
380	402	13.97	150	100	323.36	0.21	0.7	
381	403	141.54	150	100	242.55	0.16	0.41	
382	404	143.95	150	100	368.98	0.24	0.89	
383	405	149.96	100	100	22.47	0.03	0.04	
384	406	124.69	200	100	139.01	0.05	0.04	
385	407	68.6	250	100	1083.32	0.26	0.54	
386	408	148.29	150	100	431.84	0.28	1.19	
387	409	46.92	100	100	120.71	0.18	0.81	
388	410	150.01	150	100	160.71	0.11	0.19	
389	411	91.82	250	100	742.99	0.18	0.27	
390	412	84.28	150	100	176.72	0.12	0.23	
391	413	11.68	100	100	60.21	0.09	0.22	
392	414	83.62	150	100	291.77	0.19	0.58	
393	415	148.83	100	100	116.37	0.17	0.76	
394	416	55.78	100	100	220.57	0.33	2.47	
395	417	67.87	100	100	4.58	0.01	0	
396	418	373.4	100	100	103.71	0.15	0.61	
397	419	141.85	150	100	96.31	0.06	0.07	
398	420	61.98	100	100	62.15	0.09	0.24	
399	421	286.23	100	100	55.04	0.08	0.19	
400	422	443.33	100	100	182.85	0.27	1.75	
401	423	53.48	700	100	24202.20	0.73	1.14	
402	424	57.58	150	100	326.89	0.21	0.71	
403	425	4.91	200	100	968.18	0.36	1.31	
404	426	30.19	150	100	329.01	0.22	0.72	
405	427	184.45	100	100	67.19	0.1	0.27	
406	428	136.19	100	100	98.11	0.14	0.55	
407	429	135.33	150	100	249.97	0.16	0.43	
408	430	136.87	100	100	65.22	0.1	0.26	
409	431	318.77	100	100	82.05	0.12	0.4	
410	432	3.12	150	100	50.60	0.03	0.02	
411	433	84.38	400	100	5281.63	0.49	1.03	
412	434	131.72	150	100	446.57	0.29	1.27	
413	435	13.56	200	100	2089.55	0.77	5.43	
414	436	128.26	200	100	288.20	0.11	0.14	
415	437	4.59	150	100	458.71	0.3	1.33	
416	438	152.79	150	100	105.65	0.07	0.09	
417	439	2.71	150	100	411.85	0.27	1.09	
418	440	141.56	150	100	316.38	0.21	0.67	
419	441	137.98	150	100	305.76	0.2	0.63	
420	442	286.64	100	100	69.57	0.1	0.29	
421	443	153.28	100	100	97.54	0.14	0.55	
422	444	134.51	100	100	4.12	0.01	0	
423	445	154.45	100	100	44.88	0.07	0.13	
424	446	67.47	80	100	29.17	0.07	0.17	
425	447	213.85	80	100	20.65	0.05	0.09	
426	448	74.09	80	100	17.52	0.04	0.07	
427	449	117.66	80	100	24.83	0.06	0.13	
428	450	131.3	100	100	58.89	0.09	0.21	
429	451	173.94	80	100	5.44	0.01	0.01	
430	452	64.63	150	100	101.34	0.07	0.08	
431	453	168.9	80	100	1.95	0	0	
432	454	141.43	100	100	26.91	0.04	0.05	
433	455	92.47	100	100	3.62	0.01	0	
434	456	54.76	100	100	102.98	0.15	0.6	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
435	457	109.06	100	100	57.06	0.08	0.2	
436	458	74.28	200	100	332.87	0.12	0.18	
437	459	89.32	150	100	285.05	0.19	0.55	
438	460	143.92	150	100	139.30	0.09	0.15	
439	461	105.92	100	100	7.99	0.01	0.01	
440	462	58.18	80	100	71.76	0.17	0.92	
441	463	142.69	100	100	28.57	0.04	0.06	
442	464	128.58	100	100	13.93	0.02	0.01	
443	465	68.45	100	100	28.29	0.04	0.06	
444	466	172.85	100	100	68.16	0.1	0.28	
445	467	143.14	300	100	753.07	0.12	0.11	
446	468	118.51	100	100	34.03	0.05	0.08	
447	469	65.77	150	100	207.86	0.14	0.31	
448	470	66.31	150	100	120.32	0.08	0.11	
449	471	63.88	80	100	25.28	0.06	0.13	
450	472	61.27	80	100	8.24	0.02	0.02	
451	473	121.89	80	100	7.26	0.02	0.01	
452	474	57.46	150	100	32.86	0.02	0.01	
453	475	122.28	150	100	76.84	0.05	0.05	
454	476	64.84	150	100	88.84	0.06	0.06	
455	477	83.71	100	100	25.97	0.04	0.05	
456	478	90.37	100	100	7.59	0.01	0	
457	479	97.76	100	100	6.57	0.01	0	
458	480	215.91	150	100	58.15	0.04	0.03	
459	481	64.72	150	100	10.64	0.01	0	
460	482	54.45	150	100	69.31	0.05	0.04	
461	483	51.54	100	100	21.67	0.03	0.03	
462	484	74.29	100	100	21.40	0.03	0.03	
463	485	56.31	150	100	159.17	0.1	0.19	
464	486	25.03	100	100	20.54	0.03	0.03	
465	487	42.62	100	100	10.01	0.01	0.01	
466	488	130.02	100	100	11.22	0.02	0.01	
467	489	153.68	80	100	9.56	0.02	0.02	
468	490	104.01	100	100	167.12	0.25	1.48	
469	491	108.23	200	100	785.47	0.29	0.89	
470	492	34.35	600	100	4128.43	0.17	0.09	
471	493	61.13	400	100	1138.48	0.1	0.06	
472	494	131.66	150	100	395.75	0.26	1.01	
473	495	80.53	400	100	3119.30	0.29	0.39	
474	496	75.53	150	100	277.17	0.18	0.52	
475	497	8.44	150	100	262.80	0.17	0.48	
476	498	119.69	100	100	14.71	0.02	0.02	
477	499	70.74	150	100	180.17	0.12	0.24	
478	500	63.75	100	100	51.51	0.08	0.17	
479	501	153.16	100	100	45.97	0.07	0.14	
480	502	10.9	80	100	233.40	0.54	8.14	
481	503	79.49	80	100	35.02	0.08	0.24	
482	504	91.03	100	100	105.10	0.15	0.63	
483	505	101.62	200	100	652.14	0.24	0.63	
484	506	132.43	100	100	16.12	0.02	0.02	
485	507	85.56	100	100	25.93	0.04	0.05	
486	508	111.11	150	100	120.03	0.08	0.11	
487	509	297.89	100	100	72.36	0.11	0.31	
488	510	91.01	200	100	474.87	0.17	0.35	
489	511	97.29	100	100	83.10	0.12	0.41	
490	512	79.65	100	100	14.33	0.02	0.02	
491	513	36.12	100	100	29.39	0.04	0.06	
492	514	66.48	80	100	6.48	0.01	0.01	
493	515	245.67	100	100	27.14	0.04	0.05	
494	516	31.7	80	100	11.65	0.03	0.03	
495	517	123.06	100	100	35.68	0.05	0.08	
496	518	73.58	150	100	76.70	0.05	0.05	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
497	519	175.46	200	100	299.99	0.11	0.15	
498	520	115.2	150	100	0.00	0	0	
499	521	68	150	100	248.97	0.16	0.43	
500	522	8.98	300	100	2506.64	0.41	1.06	
501	523	58.49	150	100	188.32	0.12	0.26	
502	524	276.61	100	100	94.56	0.14	0.51	
503	525	109.61	200	100	2047.91	0.75	5.23	
504	526	30.02	80	100	29.78	0.07	0.18	
505	527	126.49	300	100	293.49	0.05	0.02	
506	528	65.55	200	100	471.38	0.17	0.34	
507	529	73.24	150	100	272.20	0.18	0.51	
508	530	73.74	150	100	205.76	0.13	0.3	
509	531	423.57	400	100	2723.32	0.25	0.3	
510	532	9.05	150	100	6.80	0	0	
511	533	65.21	200	100	276.37	0.1	0.13	
512	534	135.89	150	100	193.51	0.13	0.27	
513	535	142.28	200	100	141.45	0.05	0.04	
514	536	71.82	100	100	136.51	0.2	1.02	
515	537	49.59	150	100	112.31	0.07	0.1	
516	538	175.95	400	100	2829.45	0.26	0.33	
517	539	187.25	100	100	49.66	0.07	0.16	
518	540	96.48	100	100	47.16	0.07	0.14	
519	541	150.48	100	100	37.10	0.05	0.09	
520	542	6.97	200	100	1541.45	0.57	3.09	
521	543	140.45	100	100	29.99	0.04	0.06	
522	544	57.59	100	100	376.29	0.55	6.64	
523	545	139.51	100	100	101.80	0.15	0.59	
524	546	111.15	100	100	457.94	0.67	9.56	
525	547	33.62	100	100	240.65	0.35	2.9	
526	548	32.79	100	100	211.77	0.31	2.29	
527	549	111.82	100	100	68.43	0.1	0.28	
528	550	63.84	100	100	110.39	0.16	0.69	
529	551	140.66	100	100	72.06	0.11	0.31	
530	552	130.64	100	100	34.27	0.05	0.08	
531	553	130.64	100	100	61.87	0.09	0.23	
532	554	539.62	200	100	493.70	0.18	0.38	
533	555	88.28	100	100	67.61	0.1	0.28	
534	556	54.87	150	100	120.63	0.08	0.11	
535	557	202.83	1500	100	167156.80	1.09	0.99	
536	558	557.74	200	100	2076.74	0.77	5.37	
537	559	536.16	350	100	7568.13	0.91	3.86	
538	560	99.3	1350	100	72368.55	0.59	0.35	
539	561	474.82	200	100	481.25	0.18	0.36	
540	562	153.79	400	100	4256.47	0.39	0.69	
541	563	2675.52	1000	100	43480.05	0.64	0.59	
542	564	65.66	1500	100	16000.30	0.1	0.01	
543	565	720.44	200	100	489.97	0.18	0.37	
544	566	187.89	900	100	45124.75	0.82	1.06	
545	567	600.67	900	100	42168.45	0.77	0.93	
546	568	33.64	800	100	34223.07	0.79	1.13	
547	569	363.53	800	100	34017.84	0.78	1.11	
548	570	416.5	800	100	38283.81	0.88	1.38	
549	571	289.31	800	100	36670.17	0.84	1.28	
550	572	104.42	800	100	34717.68	0.8	1.16	
551	573	73.43	80	100	5.43	0.01	0.01	
552	574	48.64	80	100	2.65	0.01	0	
553	575	74.24	80	100	114.71	0.26	2.18	
554	576	114.16	80	100	291.48	0.67	12.28	
555	577	118.21	80	100	4.27	0.01	0	
556	578	85.72	80	100	22.52	0.05	0.11	
557	579	112.08	80	100	25.44	0.06	0.13	
558	580	63.54	80	100	250.52	0.58	9.28	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
559	581	76.31	80	100	6.02	0.01	0.01	
560	582	91.38	80	100	5.38	0.01	0.01	
561	583	84.41	80	100	53.81	0.12	0.54	
562	584	43.19	80	100	11.01	0.03	0.03	
563	585	49.49	80	100	44.81	0.1	0.38	
564	586	71.91	80	100	16.97	0.04	0.06	
565	587	33.68	80	100	27.36	0.06	0.15	
566	588	27.4	80	100	5.20	0.01	0.01	
567	589	176.29	80	100	53.22	0.12	0.53	
568	590	167.66	80	100	6.05	0.01	0.01	
569	591	155.92	80	100	55.38	0.13	0.57	
570	592	157.46	80	100	74.11	0.17	0.97	
571	593	261.14	80	100	15.13	0.03	0.05	
572	594	100.71	80	100	72.67	0.17	0.94	
573	595	122.88	80	100	23.72	0.05	0.12	
574	596	121.08	80	100	23.88	0.05	0.12	
575	597	197.49	80	100	5.53	0.01	0.01	
576	598	187.33	80	100	78.54	0.18	1.08	
577	599	313.48	80	100	10.34	0.02	0.02	
578	600	322.11	80	100	4.88	0.01	0.01	
579	601	58.95	80	100	50.41	0.12	0.48	
580	602	67.87	80	100	96.93	0.22	1.6	
581	603	114.96	80	100	97.05	0.22	1.6	
582	604	122.86	80	100	78.33	0.18	1.08	
583	605	118.74	80	100	19.93	0.05	0.09	
584	606	127.46	80	100	19.18	0.04	0.08	
585	607	82.87	80	100	9.98	0.02	0.02	
586	608	87.3	80	100	181.78	0.42	5.12	
587	609	181.29	80	100	73.29	0.17	0.95	
588	610	216.55	80	100	54.67	0.13	0.42	
589	611	139.65	80	100	7.33	0.02	0.01	
590	612	36.95	80	100	15.29	0.04	0.05	
591	613	36.36	80	100	11.93	0.03	0.03	
592	614	54.45	80	100	55.29	0.13	0.56	
593	615	37.63	80	100	44.01	0.1	0.37	
594	616	151.05	80	100	36.44	0.08	0.26	
595	617	90.54	80	100	47.88	0.11	0.43	
596	618	68.28	80	100	41.43	0.1	0.33	
597	619	175.23	80	100	55.81	0.13	0.57	
598	620	102.83	80	100	41.78	0.1	0.34	
599	621	73.02	80	100	10.35	0.02	0.03	
600	622	26.81	80	100	83.81	0.19	1.22	
601	623	37.46	80	100	148.40	0.34	3.52	
602	624	37.04	80	100	103.90	0.24	1.82	
603	625	77.06	80	100	23.72	0.05	0.12	
604	626	88.69	80	100	48.06	0.11	0.44	
605	627	121.5	80	100	50.59	0.12	0.48	
606	628	159.78	80	100	71.64	0.16	0.91	
607	629	63.43	80	100	66.94	0.15	0.8	
608	630	87.52	80	100	123.51	0.28	2.5	
609	631	86.79	80	100	30.63	0.07	0.19	
610	632	100.57	80	100	8.14	0.02	0.02	
611	633	156.44	80	100	20.43	0.05	0.09	
612	634	66.12	80	100	8.42	0.02	0.02	
613	635	86.54	80	100	19.95	0.05	0.09	
614	636	179.49	80	100	5.85	0.01	0.01	
615	637	91.68	80	100	135.77	0.31	2.98	
616	638	162.13	80	100	63.37	0.15	0.73	
617	639	69.91	80	100	103.42	0.24	1.8	
618	640	133.58	80	100	94.87	0.22	1.54	
619	641	87.06	80	100	127.60	0.29	2.66	
620	642	80.34	80	100	57.83	0.13	0.61	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
621	643	72.97	80	100	104.47	0.24	1.84	
622	644	50.15	80	100	99.34	0.23	1.67	
623	645	62.52	80	100	7.33	0.02	0.01	
624	646	127.36	80	100	84.64	0.19	1.24	
625	647	27.28	80	100	130.90	0.3	2.79	
626	648	163.88	80	100	85.32	0.2	1.26	
627	649	80.46	80	100	29.59	0.07	0.18	
628	650	170.05	80	100	90.30	0.21	1.4	
629	651	90.88	80	100	71.42	0.16	0.91	
630	652	166.32	80	100	85.61	0.2	1.27	
631	653	35.02	80	100	34.62	0.08	0.24	
632	654	39.89	80	100	2.62	0.01	0	
633	655	67.86	80	100	24.30	0.06	0.12	
634	656	91.55	80	100	94.32	0.22	1.52	
635	657	58.95	80	100	59.18	0.14	0.64	
636	658	161.36	80	100	42.32	0.1	0.34	
637	659	78.82	80	100	46.44	0.11	0.41	
638	660	85.92	80	100	36.54	0.08	0.26	
639	661	121.48	80	100	25.43	0.06	0.13	
640	662	131.41	80	100	18.72	0.04	0.08	
641	663	68.48	80	100	85.68	0.2	1.27	
642	664	45.72	150	100	226.76	0.15	0.36	
643	665	167.24	80	100	4.26	0.01	0	
644	666	288.97	80	100	37.16	0.09	0.27	
645	667	117.66	80	100	49.95	0.12	0.47	
646	668	146.66	80	100	87.05	0.2	1.31	
647	669	145.1	80	100	16.50	0.04	0.06	
648	670	149.17	80	100	129.69	0.3	2.74	
649	671	119.38	80	100	28.89	0.07	0.17	
650	672	443.78	700	100	19889.66	0.6	0.79	
651	673	691.9	700	100	24847.04	0.75	1.19	
652	674	35.47	700	100	28990.86	0.87	1.59	
653	675	150.9	700	100	29536.26	0.89	1.64	
654	676	98.75	600	100	11987.39	0.49	0.65	
655	677	153.4	600	100	12639.53	0.52	0.72	
656	678	187.73	600	100	15851.82	0.65	1.1	
657	679	345.08	600	100	13205.67	0.54	0.78	
658	680	270.89	600	100	15225.97	0.62	1.02	
659	681	61.36	600	100	16194.15	0.66	1.14	
660	682	398.67	600	100	16056.18	0.66	1.12	
661	683	445.84	600	100	6905.84	0.28	0.24	
662	684	130.82	600	100	15408.75	0.63	1.04	
663	685	293.85	600	100	16450.28	0.67	1.18	
664	686	17.2	600	100	19220.89	0.79	1.57	
665	687	548.51	600	100	1799.52	0.07	0.02	
666	688	401.78	600	100	17421.37	0.71	1.31	
667	689	124.98	600	100	11645.40	0.48	0.62	
668	690	161.44	600	100	6906.13	0.28	0.24	
669	691	116.23	600	100	7786.71	0.32	0.29	
670	692	117.47	600	100	6612.74	0.27	0.22	
671	693	129.3	600	100	6498.70	0.27	0.21	
672	694	133.98	500	100	3656.45	0.22	0.18	
673	695	35.72	500	100	17547.41	1.03	3.22	
674	696	72.68	400	100	2307.73	0.21	0.22	
675	697	41.24	400	100	4097.83	0.38	0.65	
676	698	68.4	400	100	2009.03	0.19	0.17	
677	699	154.99	400	100	1550.33	0.14	0.11	
678	700	275.99	400	100	5625.94	0.52	1.16	
679	701	7.98	400	100	1337.46	0.12	0.08	
680	702	196.13	400	100	5332.23	0.49	1.05	
681	703	77.32	400	100	4439.94	0.41	0.75	
682	704	123.43	400	100	2881.14	0.27	0.34	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
683	705	124.5	400	100	7253.00	0.67	1.86	
684	706	29.15	400	100	7166.39	0.66	1.82	
685	707	60.44	400	100	6368.54	0.59	1.46	
686	708	139.54	400	100	3452.62	0.32	0.47	
687	709	69.52	400	100	5674.88	0.52	1.18	
688	710	74.77	400	100	5897.56	0.54	1.27	
689	711	216.93	400	100	5694.46	0.52	1.19	
690	712	4.65	400	100	1576.53	0.15	0.11	
691	713	123.56	400	100	6183.62	0.57	1.38	
692	714	13.01	400	100	5837.26	0.54	1.24	
693	715	63.01	400	100	4762.46	0.44	0.85	
694	716	70.43	400	100	4037.72	0.37	0.63	
695	717	66.99	400	100	4349.22	0.4	0.72	
696	718	137.31	400	100	4199.74	0.39	0.68	
697	719	16.92	400	100	9185.83	0.85	2.88	
698	720	69.25	400	100	9580.04	0.88	3.12	
699	721	89.82	400	100	9282.10	0.85	2.94	
700	722	136.1	400	100	4834.31	0.45	0.88	
701	723	312.97	350	100	4205.21	0.51	1.3	
702	724	92.8	350	100	1871.62	0.23	0.29	
703	725	170.21	350	100	1552.29	0.19	0.21	
704	726	128.26	350	100	4.29	0	0	
705	727	136.87	350	100	225.04	0.03	0.01	
706	728	91.56	350	100	15890.57	1.91	15.24	
707	729	103.25	350	100	3395.06	0.41	0.87	
708	730	144.01	350	100	3963.50	0.48	1.16	
709	731	4.14	300	100	395.98	0.06	0.03	
710	732	218.05	300	100	1955.58	0.32	0.67	
711	733	58.59	300	100	134.98	0.02	0	
712	734	97.22	300	100	2956.07	0.48	1.43	
713	735	236.61	300	100	2172.28	0.36	0.81	
714	736	117.58	300	100	219.98	0.04	0.01	
715	737	65.15	300	100	96.79	0.02	0	
716	738	66.32	300	100	21.95	0	0	
717	739	156.75	300	100	1034.52	0.17	0.21	
718	740	66.84	300	100	949.80	0.16	0.17	
719	741	156.45	300	100	1570.68	0.26	0.44	
720	742	199.14	300	100	906.50	0.15	0.16	
721	743	16.1	300	100	2157.07	0.35	0.8	
722	744	52.34	300	100	1919.81	0.31	0.64	
723	745	157.34	300	100	2099.52	0.34	0.76	
724	746	89.4	300	100	2647.14	0.43	1.17	
725	747	79.25	300	100	3067.73	0.5	1.54	
726	748	72.46	300	100	3199.99	0.52	1.66	
727	749	118.02	300	100	2398.10	0.39	0.97	
728	750	9.72	300	100	466.08	0.08	0.05	
729	751	6.61	300	100	300.85	0.05	0.02	
730	752	95.32	300	100	4062.77	0.67	2.58	
731	753	202.4	300	100	2796.71	0.46	1.29	
732	754	97.71	300	100	3266.18	0.53	1.72	
733	755	83.19	300	100	3925.54	0.64	2.42	
734	756	113.08	300	100	533.58	0.09	0.06	
735	757	61.13	300	100	472.20	0.08	0.05	
736	758	58.65	300	100	508.82	0.08	0.06	
737	759	190.85	300	100	1794.24	0.29	0.57	
738	760	296.31	300	100	132.30	0.02	0	
739	761	157.96	300	100	2357.95	0.39	0.94	
740	762	48.53	300	100	2043.69	0.33	0.72	
741	763	122.18	300	100	1955.85	0.32	0.67	
742	764	163.42	300	100	1750.22	0.29	0.54	
743	765	56.86	300	100	2094.31	0.34	0.76	
744	766	11.53	300	100	1275.68	0.21	0.3	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
745	767	134.7	250	100	641.76	0.15	0.21	
746	768	23.97	250	100	970.62	0.23	0.44	
747	769	46.19	250	100	2137.17	0.5	1.91	
748	770	71.48	250	100	2481.19	0.59	2.52	
749	771	225.49	250	100	2956.07	0.7	3.48	
750	772	66.27	250	100	2653.84	0.63	2.85	
751	773	159.65	250	100	1844.96	0.44	1.45	
752	774	188.12	250	100	2164.41	0.51	1.96	
753	775	173.21	250	100	2493.42	0.59	2.54	
754	776	66.27	250	100	995.08	0.23	0.46	
755	777	26.7	250	100	480.84	0.11	0.12	
756	778	77.74	250	100	452.99	0.11	0.11	
757	779	56.48	250	100	1822.54	0.43	1.42	
758	780	67.33	250	100	1355.08	0.32	0.82	
759	781	147.1	250	100	1000.35	0.24	0.47	
760	782	88.61	250	100	828.45	0.2	0.33	
761	783	190.46	250	100	543.14	0.13	0.15	
762	784	192.37	250	100	256.72	0.06	0.04	
763	785	167.68	250	100	1041.09	0.25	0.5	
764	786	100.14	250	100	713.29	0.17	0.25	
765	787	72.49	250	100	961.74	0.23	0.44	
766	788	29.39	250	100	1225.11	0.29	0.68	
767	789	143.29	250	100	336.75	0.08	0.06	
768	790	112.36	250	100	1097.62	0.26	0.56	
769	791	64.93	250	100	2123.80	0.5	1.89	
770	792	121.09	250	100	2293.40	0.54	2.18	
771	793	144.01	250	100	0.00	0	0	
772	794	121.72	250	100	317.24	0.07	0.06	
773	795	213.59	200	100	2194.17	0.81	5.95	
774	796	83.65	200	100	377.35	0.14	0.23	
775	797	80.95	200	100	419.25	0.15	0.28	
776	798	146.22	200	100	769.06	0.28	0.85	
777	799	3.3	200	100	266.51	0.1	0.12	
778	800	134	200	100	1054.40	0.39	1.53	
779	801	59.72	200	100	441.30	0.16	0.3	
780	802	67.69	200	100	33.24	0.01	0	
781	803	58.28	200	100	38.64	0.01	0	
782	804	129.96	200	100	1265.54	0.47	2.15	
783	805	128.14	200	100	288.23	0.11	0.14	
784	806	99.03	200	100	333.11	0.12	0.18	
785	807	645.61	200	100	2956.07	1.09	10.33	
786	808	72.06	200	100	313.26	0.12	0.16	
787	809	119.75	200	100	136.86	0.05	0.03	
788	810	73.21	200	100	477.66	0.18	0.35	
789	811	118.42	200	100	112.93	0.04	0.02	
790	812	80.03	200	100	510.80	0.19	0.4	
791	813	87.05	200	100	193.67	0.07	0.07	
792	814	116.12	200	100	665.08	0.25	0.65	
793	815	78.35	200	100	328.02	0.12	0.18	
794	816	106.7	200	100	1288.81	0.47	2.22	
795	817	140.42	200	100	215.81	0.08	0.08	
796	818	53.82	200	100	46.19	0.02	0	
797	819	80.97	200	100	77.69	0.03	0.01	
798	820	35.98	200	100	359.26	0.13	0.21	
799	821	147.96	200	100	810.27	0.3	0.94	
800	822	74.78	200	100	340.28	0.13	0.19	
801	823	82.74	200	100	283.26	0.1	0.13	
802	824	62.65	200	100	1257.88	0.46	2.12	
803	825	36.01	200	100	1258.00	0.46	2.12	
804	826	30.5	200	100	1202.55	0.44	1.95	
805	827	69.49	200	100	1389.38	0.51	2.55	
806	828	75.62	200	100	863.85	0.32	1.06	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
807	829	87.37	200	100	206.42	0.08	0.07	
808	830	101.43	200	100	406.52	0.15	0.26	
809	831	15.43	200	100	466.08	0.17	0.34	
810	832	59.52	200	100	157.09	0.06	0.05	
811	833	40.69	200	100	174.75	0.06	0.05	
812	834	97.72	200	100	0.00	0	0	
813	835	36.63	200	100	39.77	0.01	0	
814	836	36.16	200	100	458.60	0.17	0.33	
815	837	79.53	200	100	1479.25	0.54	2.87	
816	838	70.68	200	100	1142.65	0.42	1.78	
817	839	54.62	200	100	1234.78	0.45	2.05	
818	840	65.07	200	100	1250.54	0.46	2.1	
819	841	33.58	200	100	1233.40	0.45	2.05	
820	842	37.98	200	100	1183.53	0.44	1.9	
821	843	41.22	200	100	1213.70	0.45	1.99	
822	844	32.44	200	100	1440.20	0.53	2.73	
823	845	176.47	200	100	1032.38	0.38	1.47	
824	846	172.42	200	100	876.02	0.32	1.09	
825	847	77.58	200	100	264.18	0.1	0.12	
826	848	148.96	200	100	568.59	0.21	0.49	
827	849	74.4	200	100	1.67	0	0	
828	850	45.72	200	100	53.33	0.02	0.01	
829	851	130.24	200	100	139.73	0.05	0.04	
830	852	81.39	200	100	188.70	0.07	0.06	
831	853	57.02	200	100	393.64	0.15	0.25	
832	854	209.47	200	100	0.00	0	0	
833	855	15.77	200	100	609.42	0.22	0.55	
834	856	377.94	200	100	38.83	0.01	0	
835	857	103.55	200	100	546.24	0.2	0.45	
836	858	49.75	200	100	260.97	0.1	0.12	
837	859	136.76	200	100	8.33	0	0	
838	860	394.64	200	100	913.08	0.34	1.17	
839	861	60.6	200	100	1536.78	0.57	3.08	
840	862	14.63	200	100	973.30	0.36	1.32	
841	863	80.16	200	100	1261.99	0.46	2.14	
842	864	89.91	200	100	1104.96	0.41	1.67	
843	865	106.86	200	100	1077.64	0.4	1.59	
844	866	125.44	200	100	273.66	0.1	0.13	
845	867	38.55	200	100	332.23	0.12	0.18	
846	868	56.98	200	100	222.75	0.08	0.09	
847	869	145.58	200	100	664.01	0.24	0.65	
848	870	157.26	200	100	806.40	0.3	0.93	
849	871	96.8	200	100	677.32	0.25	0.67	
850	872	65.96	200	100	662.36	0.24	0.65	
851	873	113.91	200	100	437.71	0.16	0.3	
852	874	80.18	200	100	647.52	0.24	0.62	
853	875	88.61	200	100	127.33	0.05	0.03	
854	876	333.12	200	100	217.23	0.08	0.08	
855	877	237.51	200	100	1567.15	0.58	3.19	
856	878	493.58	200	100	147.03	0.05	0.04	
857	879	73.48	200	100	139.77	0.05	0.04	
858	880	123.58	200	100	1098.97	0.4	1.65	
859	881	218.84	1500	100	17592.74	0.12	0.02	
860	882	68.42	150	100	156.44	0.1	0.18	
861	883	78.82	150	100	470.36	0.31	1.39	
862	884	178.02	150	100	505.25	0.33	1.59	
863	885	158.65	150	100	318.70	0.21	0.68	
864	886	25.62	150	100	179.84	0.12	0.23	
865	887	15.31	150	100	205.23	0.13	0.3	
866	888	51.74	150	100	430.32	0.28	1.18	
867	889	76.59	150	100	572.42	0.37	2.01	
868	890	130.04	150	100	343.82	0.23	0.78	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
869	891	25.68	150	100	145.23	0.1	0.16	
870	892	140.1	150	100	88.35	0.06	0.06	
871	893	61.38	150	100	44.68	0.03	0.02	
872	894	272.89	150	100	344.37	0.23	0.78	
873	895	98.94	150	100	134.34	0.09	0.14	
874	896	61.05	150	100	482.26	0.32	1.46	
875	897	122.2	150	100	371.35	0.24	0.9	
876	898	135.82	150	100	201.53	0.13	0.29	
877	899	72.16	150	100	283.50	0.19	0.55	
878	900	141.19	150	100	20.27	0.01	0	
879	901	63.76	150	100	191.49	0.13	0.26	
880	902	63.46	150	100	200.52	0.13	0.29	
881	903	296.39	150	100	125.98	0.08	0.12	
882	904	9.89	150	100	341.99	0.22	0.77	
883	905	176.6	150	100	334.02	0.22	0.74	
884	906	134.9	150	100	294.60	0.19	0.59	
885	907	81.84	150	100	129.74	0.08	0.13	
886	908	120.64	150	100	193.35	0.13	0.27	
887	909	73.39	150	100	459.65	0.3	1.34	
888	910	136.26	150	100	716.99	0.47	3.04	
889	911	87.32	150	100	243.66	0.16	0.41	
890	912	49.68	150	100	91.36	0.06	0.07	
891	913	67.27	150	100	36.39	0.02	0.01	
892	914	91.59	150	100	279.21	0.18	0.53	
893	915	59.57	150	100	17.13	0.01	0	
894	916	62.23	150	100	280.90	0.18	0.54	
895	917	70.42	150	100	257.04	0.17	0.46	
896	918	75.23	150	100	134.93	0.09	0.14	
897	919	43.26	150	100	211.30	0.14	0.32	
898	920	91.01	150	100	381.24	0.25	0.94	
899	921	154.74	150	100	258.73	0.17	0.46	
900	922	153.63	150	100	213.27	0.14	0.32	
901	923	176.04	150	100	379.98	0.25	0.94	
902	924	91.44	150	100	834.29	0.55	4.03	
903	925	28.02	150	100	519.49	0.34	1.68	
904	926	270.51	150	100	430.99	0.28	1.19	
905	927	110.75	150	100	112.44	0.07	0.1	
906	928	143.73	150	100	191.97	0.13	0.27	
907	929	79.21	150	100	239.04	0.16	0.4	
908	930	74.21	150	100	117.43	0.08	0.11	
909	931	65.67	150	100	177.16	0.12	0.23	
910	932	50.44	150	100	14.52	0.01	0	
911	933	12.65	150	100	562.59	0.37	1.94	
912	934	70.12	150	100	63.63	0.04	0.03	
913	935	74.91	150	100	96.84	0.06	0.07	
914	936	114.7	150	100	280.81	0.18	0.54	
915	937	95.62	150	100	78.54	0.05	0.05	
916	938	139.68	150	100	92.06	0.06	0.07	
917	939	113.52	150	100	226.13	0.15	0.36	
918	940	75.63	150	100	351.96	0.23	0.81	
919	941	58.9	150	100	465.78	0.31	1.37	
920	942	62.94	150	100	35.50	0.02	0.01	
921	943	73.88	150	100	357.55	0.23	0.84	
922	944	121.58	150	100	253.08	0.17	0.44	
923	945	73.8	150	100	75.56	0.05	0.05	
924	946	132.95	150	100	217.47	0.14	0.33	
925	947	98.23	150	100	127.78	0.08	0.12	
926	948	131.67	150	100	474.52	0.31	1.42	
927	949	63.34	150	100	475.29	0.31	1.42	
928	950	244.27	150	100	164.80	0.11	0.2	
929	951	205	150	100	327.17	0.21	0.71	
930	952	63.15	150	100	53.17	0.03	0.02	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
931	953	60.51	150	100	189.81	0.12	0.26	
932	954	62.36	150	100	357.73	0.23	0.84	
933	955	56.78	150	100	558.72	0.37	1.92	
934	956	59.91	150	100	287.71	0.19	0.56	
935	957	61.5	150	100	262.99	0.17	0.47	
936	958	49.9	150	100	3.26	0	0	
937	959	142.52	150	100	18.25	0.01	0	
938	960	152.56	150	100	290.97	0.19	0.57	
939	961	127.81	150	100	276.07	0.18	0.52	
940	962	170.32	150	100	503.39	0.33	1.58	
941	963	65.21	150	100	374.46	0.25	0.91	
942	964	60.76	150	100	9.55	0.01	0	
943	965	81.6	150	100	108.41	0.07	0.09	
944	966	72.93	150	100	55.68	0.04	0.03	
945	967	41.43	150	100	120.33	0.08	0.11	
946	968	16.68	150	100	732.24	0.48	3.16	
947	969	224.66	150	100	84.34	0.06	0.06	
948	970	28.6	150	100	89.69	0.06	0.06	
949	971	103.5	150	100	197.30	0.13	0.28	
950	972	61.73	150	100	168.18	0.11	0.21	
951	973	94.6	150	100	466.54	0.31	1.37	
952	974	189.5	150	100	156.81	0.1	0.18	
953	975	102.15	150	100	375.90	0.25	0.92	
954	976	50.62	150	100	681.28	0.45	2.77	
955	977	87.33	150	100	9.10	0.01	0	
956	978	76.33	150	100	261.99	0.17	0.47	
957	979	79.25	150	100	286.12	0.19	0.56	
958	980	68.9	150	100	419.00	0.27	1.13	
959	981	150.46	150	100	351.21	0.23	0.81	
960	982	83.5	150	100	261.61	0.17	0.47	
961	983	72.97	150	100	178.41	0.12	0.23	
962	984	66.55	150	100	196.81	0.13	0.28	
963	985	151.68	150	100	157.07	0.1	0.18	
964	986	108.79	150	100	148.65	0.1	0.17	
965	987	81.89	150	100	149.17	0.1	0.17	
966	988	71.56	150	100	22.74	0.01	0.01	
967	989	75.1	150	100	62.80	0.04	0.03	
968	990	144.75	150	100	424.29	0.28	1.15	
969	991	38.7	150	100	102.73	0.07	0.08	
970	992	253.08	150	100	29.12	0.02	0.01	
971	993	159.22	150	100	99.82	0.07	0.08	
972	994	54.09	150	100	345.16	0.23	0.79	
973	995	76.86	150	100	317.73	0.21	0.67	
974	996	68.87	150	100	365.61	0.24	0.87	
975	997	109.38	150	100	59.85	0.04	0.03	
976	998	87.64	150	100	465.95	0.31	1.37	
977	999	50.64	150	100	73.34	0.05	0.04	
978	1000	50.66	150	100	217.09	0.14	0.33	
979	1001	135.46	150	100	24.93	0.02	0.01	
980	1002	73.9	150	100	846.92	0.55	4.14	
981	1003	214.95	150	100	322.69	0.21	0.69	
982	1004	92.83	150	100	126.43	0.08	0.12	
983	1005	103.47	150	100	314.24	0.21	0.66	
984	1006	57.82	150	100	34.96	0.02	0.01	
985	1007	122.63	150	100	80.40	0.05	0.05	
986	1008	66.29	150	100	415.54	0.27	1.11	
987	1009	377.18	150	100	612.54	0.4	2.27	
988	1010	71.56	150	100	1485.92	0.97	11.73	
989	1011	129.25	150	100	334.86	0.22	0.74	
990	1012	70.45	150	100	401.54	0.26	1.04	
991	1013	242.19	150	100	413.68	0.27	1.1	
992	1014	37.72	150	100	188.90	0.12	0.26	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
993	1015	35.57	150	100	226.66	0.15	0.36	
994	1016	83.31	150	100	296.11	0.19	0.59	
995	1017	61.65	150	100	227.34	0.15	0.36	
996	1018	165.03	150	100	140.30	0.09	0.15	
997	1019	26.84	150	100	266.04	0.17	0.48	
998	1020	46.58	150	100	43.95	0.03	0.02	
999	1021	103.79	150	100	30.42	0.02	0.01	
1000	1022	28.36	150	100	164.03	0.11	0.2	
1001	1023	76.53	150	100	124.13	0.08	0.12	
1002	1024	68.95	150	100	100.88	0.07	0.08	
1003	1025	65.67	150	100	656.88	0.43	2.59	
1004	1026	12.77	150	100	417.75	0.27	1.12	
1005	1027	178.04	150	100	79.49	0.05	0.05	
1006	1028	110.2	150	100	123.79	0.08	0.12	
1007	1029	208.09	150	100	65.90	0.04	0.04	
1008	1030	336.24	150	100	306.22	0.2	0.63	
1009	1031	89.05	150	100	163.68	0.11	0.2	
1010	1032	17.31	150	100	270.33	0.18	0.5	
1011	1033	55.33	150	100	253.82	0.17	0.44	
1012	1034	218.13	150	100	336.41	0.22	0.75	
1013	1035	86.45	150	100	269.27	0.18	0.5	
1014	1036	64.49	150	100	298.86	0.2	0.6	
1015	1037	69.66	150	100	198.32	0.13	0.28	
1016	1038	38.12	150	100	231.81	0.15	0.38	
1017	1039	144.26	150	100	289.73	0.19	0.57	
1018	1040	92.08	150	100	8.39	0.01	0	
1019	1041	39.17	150	100	267.66	0.18	0.49	
1020	1042	147.08	150	100	527.18	0.35	1.72	
1021	1043	182.33	150	100	272.43	0.18	0.51	
1022	1044	120.95	150	100	349.39	0.23	0.8	
1023	1045	72.42	150	100	16.22	0.01	0	
1024	1046	177.43	150	100	62.33	0.04	0.03	
1025	1047	149.92	150	100	31.72	0.02	0.01	
1026	1048	178.65	150	100	277.68	0.18	0.53	
1027	1049	35.01	150	100	55.88	0.04	0.03	
1028	1050	67.53	150	100	156.44	0.1	0.18	
1029	1051	66.44	150	100	80.76	0.05	0.05	
1030	1052	133.85	150	100	281.87	0.18	0.54	
1031	1053	59.96	150	100	80.19	0.05	0.05	
1032	1054	171.21	150	100	190.71	0.12	0.26	
1033	1055	113.74	150	100	76.76	0.05	0.05	
1034	1056	73.03	150	100	77.52	0.05	0.05	
1035	1057	172.37	150	100	226.94	0.15	0.36	
1036	1058	172.68	150	100	351.22	0.23	0.81	
1037	1059	80.91	150	100	530.63	0.35	1.74	
1038	1060	87.38	150	100	588.65	0.39	2.11	
1039	1061	83.14	150	100	674.14	0.44	2.71	
1040	1062	154.66	150	100	374.06	0.24	0.91	
1041	1063	55.01	150	100	23.29	0.02	0.01	
1042	1064	65.47	150	100	379.63	0.25	0.94	
1043	1065	80.6	150	100	573.01	0.38	2.01	
1044	1066	77.26	150	100	628.77	0.41	2.39	
1045	1067	87.7	150	100	219.23	0.14	0.34	
1046	1068	89.14	150	100	1060.90	0.69	6.29	
1047	1069	89.21	150	100	663.38	0.43	2.63	
1048	1070	23.25	150	100	592.39	0.39	2.14	
1049	1071	67.36	150	100	128.61	0.08	0.13	
1050	1072	94.45	150	100	124.95	0.08	0.12	
1051	1073	170.23	150	100	319.64	0.21	0.68	
1052	1074	134.97	150	100	1006.38	0.66	5.7	
1053	1075	78.45	150	100	263.98	0.17	0.48	
1054	1076	52.78	150	100	80.27	0.05	0.05	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
1055	1077	73.98	150	100	277.05	0.18	0.52	
1056	1078	135.19	150	100	726.51	0.48	3.12	
1057	1079	138.3	150	100	683.90	0.45	2.79	
1058	1080	64.11	150	100	537.79	0.35	1.79	
1059	1081	70.6	150	100	80.41	0.05	0.05	
1060	1082	77.46	150	100	95.61	0.06	0.07	
1061	1083	78.9	150	100	362.44	0.24	0.86	
1062	1084	91.26	150	100	375.26	0.25	0.92	
1063	1085	61.67	150	100	577.56	0.38	2.04	
1064	1086	90.84	150	100	545.12	0.36	1.83	
1065	1087	89.62	150	100	483.48	0.32	1.47	
1066	1088	92.18	150	100	180.47	0.12	0.24	
1067	1089	19.7	150	100	36.22	0.02	0.01	
1068	1090	73.12	150	100	161.66	0.11	0.19	
1069	1091	40.98	150	100	51.88	0.03	0.02	
1070	1092	123.05	150	100	292.95	0.19	0.58	
1071	1093	52.78	150	100	262.57	0.17	0.47	
1072	1094	150.73	150	100	423.79	0.28	1.15	
1073	1095	61.86	150	100	164.98	0.11	0.2	
1074	1096	92.9	150	100	97.20	0.06	0.08	
1075	1097	128.66	150	100	104.43	0.07	0.09	
1076	1098	19.76	150	100	476.07	0.31	1.43	
1077	1099	114.43	150	100	372.26	0.24	0.9	
1078	1100	86.13	150	100	360.23	0.24	0.85	
1079	1101	86.33	150	100	247.11	0.16	0.42	
1080	1102	241.07	150	100	644.85	0.42	2.5	
1081	1103	90.82	150	100	314.94	0.21	0.66	
1082	1104	72.23	150	100	200.38	0.13	0.29	
1083	1105	59.45	150	100	154.79	0.1	0.18	
1084	1106	99.01	150	100	169.98	0.11	0.21	
1085	1107	72.99	150	100	155.46	0.1	0.18	
1086	1108	117.8	150	100	56.11	0.04	0.03	
1087	1109	45.9	150	100	145.64	0.1	0.16	
1088	1110	131.9	150	100	351.52	0.23	0.81	
1089	1111	70.71	150	100	220.54	0.14	0.34	
1090	1112	64.16	150	100	199.29	0.13	0.28	
1091	1113	73.04	150	100	275.45	0.18	0.52	
1092	1114	140.73	150	100	70.95	0.05	0.04	
1093	1115	13	150	100	659.53	0.43	2.61	
1094	1116	112.27	150	100	172.43	0.11	0.22	
1095	1117	74.95	150	100	52.21	0.03	0.02	
1096	1118	125.24	150	100	364.56	0.24	0.87	
1097	1119	126.12	150	100	344.20	0.23	0.78	
1098	1120	146.93	150	100	20.28	0.01	0	
1099	1121	65.79	150	100	285.39	0.19	0.55	
1100	1122	102.16	150	100	282.98	0.19	0.54	
1101	1123	22.52	150	100	265.86	0.17	0.48	
1102	1124	59.7	150	100	430.01	0.28	1.18	
1103	1125	69.25	150	100	271.48	0.18	0.5	
1104	1126	124.15	150	100	615.98	0.4	2.3	
1105	1127	214.11	150	100	185.05	0.12	0.25	
1106	1128	198.24	150	100	329.78	0.22	0.72	
1107	1129	76.44	150	100	410.92	0.27	1.09	
1108	1130	931.33	150	100	3.44	0	0	
1109	1131	148.69	150	100	250.45	0.16	0.43	
1110	1132	124.35	150	100	361.40	0.24	0.86	
1111	1133	65.15	150	100	269.94	0.18	0.5	
1112	1134	184.8	150	100	856.67	0.56	4.23	
1113	1135	160.98	150	100	492.21	0.32	1.52	
1114	1136	81.32	150	100	881.67	0.58	4.46	
1115	1137	14.9	150	100	31.09	0.02	0.01	
1116	1138	208.36	150	100	60.62	0.04	0.03	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
1117	1139	100.49	150	100	44.13	0.03	0.02	
1118	1140	313.31	150	100	11.41	0.01	0	
1119	1141	136.08	150	100	88.15	0.06	0.06	
1120	1142	245.57	150	100	254.55	0.17	0.45	
1121	1143	202.19	150	100	246.88	0.16	0.42	
1122	1144	507.7	1100	100	97191.22	1.18	1.65	
1123	1145	401.82	1100	100	81308.39	0.99	1.18	
1124	1146	19.81	1100	100	120389.90	1.47	2.45	
1125	1147	403	1100	100	86142.04	1.05	1.32	
1126	1148	1396.6	1100	100	94968.32	1.16	1.58	
1127	1149	223.56	1000	100	75226.58	1.11	1.63	
1128	1150	255.57	1000	100	76986.38	1.13	1.7	
1129	1151	23.53	1000	100	81256.20	1.2	1.88	
1130	1152	138.44	1000	100	44548.07	0.66	0.62	
1131	1153	221.47	100	100	25.65	0.04	0.05	
1132	1154	50.84	100	100	224.50	0.33	2.55	
1133	1155	471.54	100	100	60.97	0.09	0.23	
1134	1156	218.66	100	100	27.91	0.04	0.05	
1135	1157	301.92	100	100	129.72	0.19	0.92	
1136	1158	131.05	100	100	44.92	0.07	0.13	
1137	1159	231.45	100	100	140.44	0.21	1.07	
1138	1160	78.76	100	100	253.03	0.37	3.19	
1139	1161	189.48	100	100	19.91	0.03	0.03	
1140	1162	74.9	100	100	50.13	0.07	0.16	
1141	1163	157.15	100	100	56.88	0.08	0.2	
1142	1164	74.12	100	100	60.79	0.09	0.23	
1143	1165	45.57	100	100	85.07	0.13	0.42	
1144	1166	240.62	100	100	153.77	0.23	1.27	
1145	1167	65.43	100	100	174.34	0.26	1.6	
1146	1168	62.96	100	100	104.72	0.15	0.62	
1147	1169	56.81	100	100	166.15	0.24	1.46	
1148	1170	211.95	100	100	132.34	0.2	0.96	
1149	1171	63.79	100	100	27.97	0.04	0.05	
1150	1172	454.5	100	100	484.61	0.71	10.62	
1151	1173	50.43	100	100	91.36	0.13	0.48	
1152	1174	85.24	100	100	35.50	0.05	0.08	
1153	1175	106.76	100	100	79.56	0.12	0.37	
1154	1176	145.7	100	100	146.01	0.22	1.15	
1155	1177	4.69	100	100	298.70	0.44	4.33	
1156	1178	380.76	100	100	168.22	0.25	1.5	
1157	1179	172.57	100	100	91.24	0.13	0.48	
1158	1180	104.33	100	100	36.18	0.05	0.09	
1159	1181	135.23	100	100	184.44	0.27	1.77	
1160	1182	123.61	100	100	37.31	0.05	0.09	
1161	1183	146.42	100	100	46.36	0.07	0.14	
1162	1184	163.94	100	100	52.71	0.08	0.17	
1163	1185	57.98	100	100	323.83	0.48	5.03	
1164	1186	67.11	100	100	84.45	0.12	0.42	
1165	1187	147.77	100	100	30.26	0.04	0.06	
1166	1188	143.7	100	100	63.39	0.09	0.25	
1167	1189	144.19	100	100	19.09	0.03	0.03	
1168	1190	147.36	100	100	47.15	0.07	0.14	
1169	1191	10.24	100	100	172.64	0.25	1.57	
1170	1192	79.88	100	100	53.46	0.08	0.18	
1171	1193	70.28	100	100	9.00	0.01	0.01	
1172	1194	123.31	100	100	3.17	0	0	
1173	1195	39.85	100	100	138.40	0.2	1.04	
1174	1196	222.6	100	100	122.13	0.18	0.83	
1175	1197	77.68	100	100	186.99	0.28	1.82	
1176	1198	64.06	100	100	285.77	0.42	3.99	
1177	1199	54.34	100	100	10.21	0.02	0.01	
1178	1200	97.55	100	100	35.46	0.05	0.08	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
1179	1201	102.34	100	100	68.33	0.1	0.28	
1180	1202	29.28	100	100	262.30	0.39	3.41	
1181	1203	78	100	100	283.34	0.42	3.93	
1182	1204	75.47	100	100	96.27	0.14	0.53	
1183	1205	139.17	100	100	89.08	0.13	0.46	
1184	1206	82.01	100	100	65.59	0.1	0.26	
1185	1207	101.23	100	100	2.26	0	0	
1186	1208	33.45	100	100	13.53	0.02	0.01	
1187	1209	138	100	100	38.87	0.06	0.1	
1188	1210	104.86	100	100	173.97	0.26	1.59	
1189	1211	285.67	100	100	8.91	0.01	0.01	
1190	1212	59.04	100	100	7.34	0.01	0	
1191	1213	154.28	100	100	45.30	0.07	0.13	
1192	1214	31.17	100	100	74.55	0.11	0.33	
1193	1215	33.19	100	100	70.02	0.1	0.3	
1194	1216	130.52	100	100	5.85	0.01	0	
1195	1217	141.11	100	100	5.90	0.01	0	
1196	1218	36.18	100	100	116.98	0.17	0.76	
1197	1219	138.18	100	100	53.77	0.08	0.18	
1198	1220	130.28	100	100	37.63	0.06	0.09	
1199	1221	60.49	100	100	24.63	0.04	0.04	
1200	1222	59.68	100	100	25.24	0.04	0.04	
1201	1223	41.97	100	100	48.23	0.07	0.15	
1202	1224	27.93	100	100	6.18	0.01	0	
1203	1225	115.04	100	100	27.38	0.04	0.05	
1204	1226	172.01	100	100	10.71	0.02	0.01	
1205	1227	58.05	100	100	112.28	0.17	0.71	
1206	1228	119.87	100	100	34.58	0.05	0.08	
1207	1229	31.37	100	100	15.40	0.02	0.02	
1208	1230	26.71	100	100	53.45	0.08	0.18	
1209	1231	61.76	100	100	106.94	0.16	0.65	
1210	1232	73.08	100	100	168.00	0.25	1.49	
1211	1233	133.57	100	100	57.64	0.08	0.21	
1212	1234	53.82	100	100	85.08	0.13	0.42	
1213	1235	97.53	100	100	17.73	0.03	0.02	
1214	1236	98.18	100	100	21.29	0.03	0.03	
1215	1237	104.17	100	100	5.82	0.01	0	
1216	1238	64.79	100	100	7.44	0.01	0	
1217	1239	43.78	100	100	25.22	0.04	0.04	
1218	1240	179.83	100	100	41.33	0.06	0.11	
1219	1241	55.87	100	100	90.95	0.13	0.48	
1220	1242	154.85	100	100	83.34	0.12	0.41	
1221	1243	73.31	100	100	69.59	0.1	0.29	
1222	1244	65.67	100	100	21.16	0.03	0.03	
1223	1245	132.92	100	100	104.90	0.15	0.62	
1224	1246	122.77	100	100	66.79	0.1	0.27	
1225	1247	59.03	100	100	173.72	0.26	1.59	
1226	1248	126.55	100	100	90.75	0.13	0.48	
1227	1249	74.57	100	100	148.01	0.22	1.18	
1228	1250	194.33	100	100	83.31	0.12	0.41	
1229	1251	198.2	100	100	158.84	0.23	1.35	
1230	1252	160.06	100	100	86.48	0.13	0.44	
1231	1253	247.53	100	100	119.96	0.18	0.8	
1232	1254	57	100	100	233.98	0.34	2.76	
1233	1255	77.95	100	100	34.34	0.05	0.08	
1234	1256	63.11	100	100	100.16	0.15	0.57	
1235	1257	180.06	100	100	105.41	0.16	0.63	
1236	1258	57.31	100	100	2.23	0	0	
1237	1259	101.76	100	100	94.31	0.14	0.51	
1238	1260	71.17	100	100	24.30	0.04	0.04	
1239	1261	53	100	100	214.89	0.32	2.35	
1240	1262	86.04	100	100	145.32	0.21	1.14	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
1241	1263	72.92	100	100	70.45	0.1	0.3	
1242	1264	92.54	100	100	137.71	0.2	1.03	
1243	1265	116.2	100	100	125.10	0.18	0.86	
1244	1266	125.73	100	100	182.30	0.27	1.74	
1245	1267	97.82	100	100	86.36	0.13	0.44	
1246	1268	170.16	100	100	150.30	0.22	1.21	
1247	1269	59.76	100	100	46.40	0.07	0.14	
1248	1270	204.6	100	100	157.47	0.23	1.32	
1249	1271	170.94	100	100	106.04	0.16	0.64	
1250	1272	283.5	100	100	122.41	0.18	0.83	
1251	1273	63.21	100	100	53.55	0.08	0.18	
1252	1274	141.86	100	100	100.00	0.15	0.57	
1253	1275	59.09	100	100	209.46	0.31	2.25	
1254	1276	58.44	100	100	179.28	0.26	1.68	
1255	1277	53.04	100	100	185.23	0.27	1.79	
1256	1278	62.74	100	100	164.27	0.24	1.43	
1257	1279	76.63	100	100	4.16	0.01	0	
1258	1280	85.85	100	100	5.68	0.01	0	
1259	1281	91.27	100	100	6.85	0.01	0	
1260	1282	52.15	100	100	7.79	0.01	0	
1261	1283	35.63	100	100	42.09	0.06	0.12	
1262	1284	122.69	100	100	42.86	0.06	0.12	
1263	1285	146.21	100	100	117.11	0.17	0.77	
1264	1286	142.31	100	100	107.43	0.16	0.65	
1265	1287	158.68	100	100	130.24	0.19	0.93	
1266	1288	146.84	100	100	167.27	0.25	1.48	
1267	1289	177.5	100	100	91.88	0.14	0.49	
1268	1290	169.08	100	100	168.64	0.25	1.5	
1269	1291	108.59	100	100	69.42	0.1	0.29	
1270	1292	34.36	100	100	61.07	0.09	0.23	
1271	1293	223.36	100	100	128.58	0.19	0.91	
1272	1294	85.18	100	100	157.11	0.23	1.32	
1273	1295	42.93	100	100	99.76	0.15	0.57	
1274	1296	73.24	100	100	113.71	0.17	0.72	
1275	1297	133.66	100	100	83.75	0.12	0.41	
1276	1298	97.99	100	100	212.32	0.31	2.3	
1277	1299	72.81	100	100	190.11	0.28	1.88	
1278	1300	143.84	100	100	278.67	0.41	3.81	
1279	1301	164.5	100	100	121.87	0.18	0.82	
1280	1302	44.2	100	100	51.68	0.08	0.17	
1281	1303	40.32	100	100	59.58	0.09	0.22	
1282	1304	191.81	100	100	171.82	0.25	1.56	
1283	1305	84.84	100	100	84.78	0.12	0.42	
1284	1306	105.19	100	100	23.51	0.03	0.04	
1285	1307	55.43	100	100	45.45	0.07	0.13	
1286	1308	130.67	100	100	50.37	0.07	0.16	
1287	1309	45.83	100	100	365.61	0.54	6.3	
1288	1310	101.51	100	100	54.49	0.08	0.19	
1289	1311	86.33	100	100	28.88	0.04	0.06	
1290	1312	70.16	100	100	57.25	0.08	0.2	
1291	1313	68.53	100	100	66.76	0.1	0.27	
1292	1314	108.8	100	100	51.67	0.08	0.17	
1293	1315	178.99	100	100	89.29	0.13	0.46	
1294	1316	97.25	100	100	0.09	0	0	
1295	1317	156.02	100	100	22.16	0.03	0.04	
1296	1318	33.25	100	100	34.13	0.05	0.08	
1297	1319	67.66	100	100	57.33	0.08	0.2	
1298	1320	124.99	100	100	33.11	0.05	0.07	
1299	1321	134.21	100	100	24.34	0.04	0.04	
1300	1322	79.22	100	100	189.92	0.28	1.87	
1301	1323	67.47	100	100	63.00	0.09	0.24	
1302	1324	37.63	100	100	118.73	0.17	0.78	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
1303	1325	69.72	100	100	102.47	0.15	0.6	
1304	1326	83.72	100	100	181.11	0.27	1.72	
1305	1327	132.28	100	100	111.86	0.16	0.7	
1306	1328	69.78	100	100	217.75	0.32	2.41	
1307	1329	158.69	100	100	29.80	0.04	0.06	
1308	1330	76.71	100	100	101.70	0.15	0.59	
1309	1331	71.28	100	100	235.42	0.35	2.79	
1310	1332	73.2	100	100	212.48	0.31	2.31	
1311	1333	87.45	100	100	94.88	0.14	0.52	
1312	1334	14.13	100	100	121.60	0.18	0.82	
1313	1335	12.96	100	100	132.48	0.2	0.96	
1314	1336	93.54	100	100	95.55	0.14	0.52	
1315	1337	65.73	100	100	55.88	0.08	0.19	
1316	1338	196.96	100	100	21.26	0.03	0.03	
1317	1339	198.71	100	100	21.93	0.03	0.03	
1318	1340	154.69	100	100	23.29	0.03	0.04	
1319	1341	95.17	100	100	0.00	0	0	
1320	1342	177.36	100	100	5.29	0.01	0	
1321	1343	76.87	100	100	129.93	0.19	0.93	
1322	1344	2.52	100	100	0.00	0	0	
1323	1345	53.86	100	100	102.73	0.15	0.6	
1324	1346	93.01	100	100	156.84	0.23	1.31	
1325	1347	30.95	100	100	65.64	0.1	0.26	
1326	1348	45.94	100	100	65.53	0.1	0.26	
1327	1349	101.73	100	100	100.10	0.15	0.57	
1328	1350	110.65	100	100	109.13	0.16	0.67	
1329	1351	120.24	100	100	68.25	0.1	0.28	
1330	1352	65.85	100	100	159.61	0.24	1.36	
1331	1353	75.39	100	100	19.06	0.03	0.03	
1332	1354	38.63	100	100	188.34	0.28	1.84	
1333	1355	87.54	100	100	8.17	0.01	0.01	
1334	1356	70.15	100	100	295.75	0.44	4.25	
1335	1357	107.75	100	100	124.40	0.18	0.86	
1336	1358	32.57	100	100	160.56	0.24	1.37	
1337	1359	29.45	100	100	190.11	0.28	1.88	
1338	1360	86.38	100	100	16.58	0.02	0.02	
1339	1361	80.61	100	100	17.26	0.03	0.02	
1340	1362	27.93	100	100	204.19	0.3	2.14	
1341	1363	134.7	100	100	57.63	0.08	0.21	
1342	1364	31.33	100	100	90.67	0.13	0.48	
1343	1365	68.03	100	100	30.26	0.04	0.06	
1344	1366	68.4	100	100	188.08	0.28	1.84	
1345	1367	35.56	100	100	187.62	0.28	1.83	
1346	1368	136.23	100	100	63.33	0.09	0.24	
1347	1369	129.38	100	100	189.69	0.28	1.87	
1348	1370	238.67	100	100	110.82	0.16	0.69	
1349	1371	209.57	100	100	27.69	0.04	0.05	
1350	1372	77.3	100	100	150.94	0.22	1.22	
1351	1373	124.09	100	100	477.57	0.7	10.33	
1352	1374	134.51	100	100	272.18	0.4	3.65	
1353	1375	250.98	100	100	78.69	0.12	0.37	
1354	1376	82.39	100	100	51.41	0.08	0.17	
1355	1377	120.44	100	100	42.82	0.06	0.12	
1356	1378	88.73	100	100	71.37	0.11	0.31	
1357	1379	104.92	100	100	143.83	0.21	1.12	
1358	1380	35.54	100	100	42.02	0.06	0.11	
1359	1381	69.34	100	100	84.40	0.12	0.42	
1360	1382	79.15	100	100	47.60	0.07	0.14	
1361	1383	37.75	100	100	122.62	0.18	0.83	
1362	1384	230.97	100	100	29.19	0.04	0.06	
1363	1385	66.69	100	100	30.01	0.04	0.06	
1364	1386	89.03	100	100	20.56	0.03	0.03	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
1365	1387	72.26	100	100	55.51	0.08	0.19	
1366	1388	75.41	100	100	28.40	0.04	0.06	
1367	1389	124.23	100	100	20.10	0.03	0.03	
1368	1390	71.09	100	100	11.29	0.02	0.01	
1369	1391	160.03	100	100	7.90	0.01	0.01	
1370	1392	49.75	100	100	17.22	0.03	0.02	
1371	1393	72.69	100	100	23.81	0.04	0.04	
1372	1394	56.06	100	100	27.56	0.04	0.05	
1373	1395	44.15	100	100	0.62	0	0	
1374	1396	119.88	100	100	14.62	0.02	0.02	
1375	1397	296.52	100	100	89.30	0.13	0.46	
1376	1398	74.12	100	100	3.70	0.01	0	
1377	1399	89.58	100	100	16.14	0.02	0.02	
1378	1400	190.66	100	100	4.32	0.01	0	
1379	1401	222.33	100	100	36.34	0.05	0.09	
1380	1402	113.28	100	100	140.73	0.21	1.08	
1381	1403	151.28	100	100	110.25	0.16	0.68	
1382	1404	113.22	100	100	211.53	0.31	2.29	
1383	1405	48.44	100	100	24.28	0.04	0.04	
1384	1406	75.82	100	100	71.20	0.1	0.3	
1385	1407	15.73	100	100	24.95	0.04	0.04	
1386	1408	141.86	100	100	67.81	0.1	0.28	
1387	1409	150.38	100	100	132.59	0.2	0.96	
1388	1410	198.99	100	100	165.26	0.24	1.45	
1389	1411	81.57	100	100	61.00	0.09	0.23	
1390	1412	91.16	100	100	28.97	0.04	0.06	
1391	1413	143.61	100	100	122.72	0.18	0.83	
1392	1414	91.49	100	100	56.71	0.08	0.2	
1393	1415	136.33	100	100	109.53	0.16	0.68	
1394	1416	50.04	100	100	36.25	0.05	0.09	
1395	1417	375.45	100	100	169.50	0.25	1.52	
1396	1418	92.35	100	100	47.50	0.07	0.14	
1397	1419	448.44	100	100	109.10	0.16	0.67	
1398	1420	88.85	100	100	49.37	0.07	0.15	
1399	1421	148.72	100	100	97.78	0.14	0.55	
1400	1422	237.09	100	100	147.30	0.22	1.17	
1401	1423	148.91	100	100	0.04	0	0	
1402	1424	68.01	100	100	296.39	0.44	4.27	
1403	1425	113.84	100	100	146.40	0.22	1.16	
1404	1426	63.57	100	100	160.10	0.24	1.36	
1405	1427	248.5	100	100	63.31	0.09	0.24	
1406	1428	75.33	100	100	83.46	0.12	0.41	
1407	1429	84.05	100	100	4.53	0.01	0	
1408	1430	136.67	100	100	103.44	0.15	0.61	
1409	1431	64.63	100	100	16.82	0.02	0.02	
1410	1432	34.51	100	100	34.20	0.05	0.08	
1411	1433	172.12	100	100	78.30	0.12	0.36	
1412	1434	67.67	100	100	1.88	0	0	
1413	1435	68.39	100	100	156.05	0.23	1.3	
1414	1436	133.72	100	100	232.63	0.34	2.73	
1415	1437	91.49	100	100	11.20	0.02	0.01	
1416	1438	31.67	100	100	29.06	0.04	0.06	
1417	1439	173.87	100	100	125.48	0.18	0.87	
1418	1440	88.31	100	100	206.12	0.3	2.18	
1419	1441	60.77	100	100	168.70	0.25	1.5	
1420	1442	57.04	100	100	158.58	0.23	1.34	
1421	1443	66.53	100	100	176.54	0.26	1.64	
1422	1444	226.62	100	100	13.00	0.02	0.01	
1423	1445	162.37	100	100	143.26	0.21	1.11	
1424	1446	161.76	100	100	65.32	0.1	0.26	
1425	1447	79.11	100	100	15.22	0.02	0.02	
1426	1448	140.12	100	100	248.74	0.37	3.09	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
1427	1449	102.79	100	100	144.42	0.21	1.13	
1428	1450	96.03	100	100	103.92	0.15	0.61	
1429	1451	91.57	100	100	349.56	0.52	5.8	
1430	1452	68.03	100	100	180.28	0.27	1.7	
1431	1453	66.45	100	100	14.39	0.02	0.02	
1432	1454	15.09	100	100	600.04	0.88	15.77	
1433	1455	64.49	100	100	269.57	0.4	3.58	
1434	1456	172.76	100	100	155.33	0.23	1.29	
1435	1457	70.7	100	100	141.91	0.21	1.09	
1436	1458	81.7	100	100	100.36	0.15	0.57	
1437	1459	232.02	100	100	125.75	0.19	0.87	
1438	1460	170.2	100	100	208.77	0.31	2.23	
1439	1461	67.51	100	100	104.53	0.15	0.62	
1440	1462	173.64	100	100	193.15	0.28	1.93	
1441	1463	166.33	100	100	214.69	0.32	2.35	
1442	1464	170.28	100	100	186.27	0.27	1.81	
1443	1465	334.61	100	100	174.20	0.26	1.6	
1444	1466	72.52	100	100	39.31	0.06	0.1	
1445	1467	70.52	100	100	57.60	0.08	0.21	
1446	1468	102.93	100	100	172.08	0.25	1.56	
1447	1469	31.3	100	100	156.82	0.23	1.31	
1448	1470	53.77	100	100	286.15	0.42	4	
1449	1471	86.95	100	100	250.64	0.37	3.13	
1450	1472	122.29	100	100	93.10	0.14	0.5	
1451	1473	42.87	100	100	117.87	0.17	0.77	
1452	1474	75.62	100	100	45.27	0.07	0.13	
1453	1475	127.39	100	100	171.11	0.25	1.54	
1454	1476	144.12	100	100	97.34	0.14	0.54	
1455	1477	83.16	100	100	66.20	0.1	0.27	
1456	1478	60.68	100	100	173.78	0.26	1.59	
1457	1479	15.74	100	100	448.78	0.66	9.21	
1458	1480	144.31	100	100	136.40	0.2	1.01	
1459	1481	59.8	100	100	333.16	0.49	5.3	
1460	1482	83.14	100	100	79.10	0.12	0.37	
1461	1483	76.08	100	100	89.88	0.13	0.47	
1462	1484	37.04	100	100	175.13	0.26	1.61	
1463	1485	57.87	100	100	164.92	0.24	1.44	
1464	1486	151.99	100	100	141.83	0.21	1.09	
1465	1487	74.83	100	100	8.61	0.01	0.01	
1466	1488	58.93	100	100	114.24	0.17	0.73	
1467	1489	87.68	100	100	39.68	0.06	0.1	
1468	1490	62.29	100	100	159.54	0.24	1.36	
1469	1491	60.63	100	100	158.57	0.23	1.34	
1470	1492	92.02	100	100	112.83	0.17	0.71	
1471	1493	122.75	100	100	49.25	0.07	0.15	
1472	1494	66.88	100	100	88.84	0.13	0.46	
1473	1495	158.47	100	100	253.24	0.37	3.19	
1474	1496	66.24	150	100	150.32	0.1	0.17	
1475	1497	34.8	100	100	52.05	0.08	0.17	
1476	1498	123.83	100	100	146.67	0.22	1.16	
1477	1499	12.4	100	100	396.37	0.58	7.32	
1478	1500	180.87	100	100	135.54	0.2	1	
1479	1501	45.28	100	100	127.60	0.19	0.9	
1480	1502	153.76	100	100	43.61	0.06	0.12	
1481	1503	286.78	100	100	111.19	0.16	0.69	
1482	1504	56.73	100	100	383.36	0.56	6.88	
1483	1505	80.1	100	100	277.77	0.41	3.79	
1484	1506	56.55	100	100	16.86	0.02	0.02	
1485	1507	90.76	100	100	66.45	0.1	0.27	
1486	1508	86.69	100	100	10.42	0.02	0.01	
1487	1509	51.48	100	100	160.49	0.24	1.37	
1488	1510	28.03	100	100	210.17	0.31	2.26	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
1489	1511	139.18	100	100	155.48	0.23	1.29	
1490	1512	108.18	100	100	79.25	0.12	0.37	
1491	1513	63.59	100	100	83.35	0.12	0.41	
1492	1514	73.54	100	100	23.93	0.04	0.04	
1493	1515	74.67	100	100	12.62	0.02	0.01	
1494	1516	94.76	100	100	19.64	0.03	0.03	
1495	1517	31.23	100	100	93.96	0.14	0.51	
1496	1518	61.42	100	100	58.97	0.09	0.21	
1497	1519	132.39	100	100	65.09	0.1	0.26	
1498	1520	65.66	100	100	52.49	0.08	0.17	
1499	1521	156.94	100	100	133.87	0.2	0.98	
1500	1522	69.42	100	100	42.23	0.06	0.12	
1501	1523	83.92	100	100	82.59	0.12	0.4	
1502	1524	61.79	100	100	93.46	0.14	0.5	
1503	1525	257.87	100	100	40.53	0.06	0.11	
1504	1526	137.31	100	100	116.43	0.17	0.76	
1505	1527	290.65	100	100	139.89	0.21	1.06	
1506	1528	111.23	100	100	112.81	0.17	0.71	
1507	1529	32.24	100	100	129.97	0.19	0.93	
1508	1530	24.83	100	100	221.63	0.33	2.49	
1509	1531	52.09	100	100	134.20	0.2	0.98	
1510	1532	63.19	100	100	37.35	0.06	0.09	
1511	1533	53.12	100	100	140.58	0.21	1.07	
1512	1534	159.67	100	100	141.18	0.21	1.08	
1513	1535	66.19	100	100	11.37	0.02	0.01	
1514	1536	115.17	100	100	112.87	0.17	0.71	
1515	1537	137.91	100	100	83.91	0.12	0.41	
1516	1538	56.76	100	100	110.93	0.16	0.69	
1517	1539	58.08	100	100	130.13	0.19	0.93	
1518	1540	57.75	100	100	109.61	0.16	0.68	
1519	1541	81.53	100	100	6.78	0.01	0	
1520	1542	75.45	100	100	256.83	0.38	3.28	
1521	1543	125	100	100	131.27	0.19	0.95	
1522	1544	73.11	100	100	160.93	0.24	1.38	
1523	1545	58.19	100	100	18.73	0.03	0.03	
1524	1546	33.77	100	100	209.99	0.31	2.26	
1525	1547	70.94	100	100	122.29	0.18	0.83	
1526	1548	105.25	100	100	46.94	0.07	0.14	
1527	1549	70.59	100	100	60.43	0.09	0.22	
1528	1550	90.71	100	100	119.82	0.18	0.8	
1529	1551	57.05	100	100	149.86	0.22	1.21	
1530	1552	77.06	100	100	85.64	0.13	0.43	
1531	1553	52.09	100	100	59.17	0.09	0.22	
1532	1554	134.52	100	100	95.59	0.14	0.53	
1533	1555	305.74	100	100	1.85	0	0	
1534	1556	66.73	100	100	91.53	0.13	0.48	
1535	1557	83.54	100	100	29.15	0.04	0.06	
1536	1558	65.89	100	100	136.73	0.2	1.02	
1537	1559	69.77	100	100	77.73	0.11	0.36	
1538	1560	90.29	100	100	24.92	0.04	0.04	
1539	1561	123.12	100	100	59.86	0.09	0.22	
1540	1562	82.99	100	100	49.95	0.07	0.16	
1541	1563	86.54	100	100	28.98	0.04	0.06	
1542	1564	84.33	100	100	126.24	0.19	0.88	
1543	1565	64.96	100	100	17.23	0.03	0.02	
1544	1566	150.07	100	100	76.05	0.11	0.34	
1545	1567	69.44	100	100	151.32	0.22	1.23	
1546	1568	157.56	100	100	38.50	0.06	0.1	
1547	1569	341.04	100	100	137.09	0.2	1.02	
1548	1570	184.88	100	100	408.40	0.6	7.73	
1549	1571	153.69	100	100	75.49	0.11	0.34	
1550	1572	250.37	100	100	47.30	0.07	0.14	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
1551	1573	80.49	100	100	92.22	0.14	0.49	
1552	1574	90.09	100	100	376.49	0.55	6.65	
1553	1575	101.78	100	100	408.54	0.6	7.74	
1554	1576	128.04	100	100	205.44	0.3	2.17	
1555	1577	211.02	100	100	30.03	0.04	0.06	
1556	1578	173.01	100	100	80.50	0.12	0.38	
1557	1579	111.39	100	100	62.03	0.09	0.24	
1558	1580	94.4	100	100	3.37	0	0	
1559	1581	149.68	100	100	51.45	0.08	0.17	
1560	1582	72.48	100	100	141.91	0.21	1.09	
1561	1583	121.34	100	100	10.42	0.02	0.01	
1562	1584	71.84	100	100	34.33	0.05	0.08	
1563	1585	89.04	100	100	26.34	0.04	0.05	
1564	1586	52.93	100	100	25.16	0.04	0.04	
1565	1587	53.59	100	100	28.71	0.04	0.06	
1566	1588	137.14	100	100	115.77	0.17	0.75	
1567	1589	93.6	100	100	68.31	0.1	0.28	
1568	1590	108.88	100	100	20.21	0.03	0.03	
1569	1591	216.27	100	100	130.22	0.19	0.93	
1570	1592	128.28	100	100	244.87	0.36	3	
1571	1593	75.93	100	100	234.10	0.34	2.76	
1572	1594	308.3	100	100	68.43	0.1	0.28	
1573	1595	349.49	100	100	132.19	0.19	0.96	
1574	1596	133.82	100	100	51.20	0.08	0.17	
1575	1597	102.03	100	100	19.17	0.03	0.03	
1576	1598	89.15	100	100	23.86	0.04	0.04	
1577	1599	34.78	100	100	41.61	0.06	0.11	
1578	1600	40.63	100	100	130.84	0.19	0.94	
1579	1601	42.62	100	100	15.33	0.02	0.02	
1580	1602	35.41	100	100	1.74	0	0	
1581	1603	41.91	100	100	11.98	0.02	0.01	
1582	1604	33.82	100	100	14.60	0.02	0.02	
1583	1605	31.77	100	100	1.30	0	0	
1584	1606	38.69	100	100	70.91	0.1	0.3	
1585	1607	41	100	100	87.00	0.13	0.44	
1586	1608	40.88	100	100	56.58	0.08	0.2	
1587	1609	37.97	100	100	119.23	0.18	0.79	
1588	1610	41	100	100	71.94	0.11	0.31	
1589	1611	38.73	100	100	82.64	0.12	0.4	
1590	1612	41.69	100	100	10.96	0.02	0.01	
1591	1613	38.57	100	100	10.69	0.02	0.01	
1592	1614	40.95	100	100	9.47	0.01	0.01	
1593	1615	145.26	100	100	4.56	0.01	0	
1594	1616	37.88	100	100	14.83	0.02	0.02	
1595	1617	42	100	100	7.91	0.01	0.01	
1596	1618	42.01	100	100	24.68	0.04	0.04	
1597	1619	132.35	100	100	12.19	0.02	0.01	
1598	1620	33.96	100	100	7.85	0.01	0	
1599	1621	34.01	100	100	7.13	0.01	0	
1600	1622	37	100	100	59.10	0.09	0.22	
1601	1623	41.74	100	100	35.47	0.05	0.08	
1602	1624	40.7	100	100	31.16	0.05	0.07	
1603	1625	59.98	100	100	24.15	0.04	0.04	
1604	1626	41	150	100	325.78	0.21	0.71	
1605	1627	36.01	150	100	68.37	0.04	0.04	
1606	1628	26.75	200	100	380.51	0.14	0.23	
1607	1629	54.47	200	100	1117.74	0.41	1.71	
1608	1630	36.55	300	100	646.24	0.11	0.09	
1609	1631	36.96	300	100	399.35	0.07	0.04	
1610	1632	132.6	300	100	593.78	0.1	0.07	
1611	1633	21.46	600	100	3516.44	0.14	0.07	
1612	1634	22.51	600	100	13328.66	0.55	0.8	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
1613	1635	45.5	80	100	0.00	0	0	
1614	1636	32.78	80	100	3.08	0.01	0	
1615	1637	20.15	150	100	193.80	0.13	0.27	
1616	1638	73.27	100	100	67.26	0.1	0.27	
1617	1639	42.5	200	100	513.03	0.19	0.4	
1618	1640	57.18	200	100	18.53	0.01	0	
1619	1641	62.91	100	100	32.90	0.05	0.07	
1620	1642	44.84	100	100	18.69	0.03	0.03	
1621	1643	44.52	100	100	42.30	0.06	0.12	
1622	1644	66.93	100	100	47.86	0.07	0.15	
1623	1645	48.33	100	100	60.25	0.09	0.22	
1624	1646	38.69	100	100	67.39	0.1	0.27	
1625	1647	71.87	100	100	82.42	0.12	0.4	
1626	1648	81.27	100	100	44.85	0.07	0.13	
1627	1649	56.61	150	100	229.03	0.15	0.37	
1628	1650	29.26	150	100	142.32	0.09	0.15	
1629	1651	70.23	150	100	107.21	0.07	0.09	
1630	1652	81.1	150	100	125.25	0.08	0.12	
1631	1653	111.61	100	100	39.31	0.06	0.1	
1632	1654	46.08	100	100	43.31	0.06	0.12	
1633	1655	26.01	100	100	76.92	0.11	0.35	
1634	1656	160.66	100	100	64.57	0.1	0.25	
1635	1657	40.18	100	100	89.03	0.13	0.46	
1636	1658	73.83	150	100	490.87	0.32	1.51	
1637	1659	166.43	150	100	274.29	0.18	0.51	
1638	1660	51.58	100	100	5.11	0.01	0	
1639	1661	39.68	100	100	10.82	0.02	0.01	
1640	1662	98.98	100	100	11.92	0.02	0.01	
1641	1663	107.34	100	100	20.56	0.03	0.03	
1642	1664	71.35	100	100	96.02	0.14	0.53	
1643	1665	84.47	500	100	5028.83	0.3	0.32	
1644	1666	196.7	500	100	4160.13	0.25	0.22	
1645	1667	71.2	200	100	158.21	0.06	0.05	
1646	1668	67.02	200	100	428.65	0.16	0.29	
1647	1669	144.59	200	100	633.16	0.23	0.6	
1648	1670	92.69	500	100	4686.71	0.28	0.28	
1649	1671	118.67	500	100	2872.88	0.17	0.11	
1650	1672	26.51	100	100	158.45	0.23	1.34	
1651	1673	40.18	100	100	65.84	0.1	0.26	
1652	1674	66.14	100	100	60.06	0.09	0.22	
1653	1675	152.52	100	100	16.64	0.02	0.02	
1654	1676	131.39	500	100	652.82	0.04	0.01	
1655	1677	76.01	100	100	59.23	0.09	0.22	
1656	1678	99.31	100	100	11.38	0.02	0.01	
1657	1679	31.5	100	100	172.12	0.25	1.56	
1658	1680	37.02	200	100	219.10	0.08	0.08	
1659	1681	119.55	150	100	211.07	0.14	0.32	
1660	1682	129.16	300	100	168.09	0.03	0.01	
1661	1683	73.03	200	100	300.80	0.11	0.15	
1662	1684	152.93	200	100	254.38	0.09	0.11	
1663	1685	453.49	200	100	560.27	0.21	0.47	
1664	1686	151.22	100	100	14.86	0.02	0.02	
1665	1687	117.07	100	100	29.16	0.04	0.06	
1666	1688	35.38	150	100	58.03	0.04	0.03	
1667	1689	114.18	100	100	92.33	0.14	0.49	
1668	1690	18.84	100	100	29.48	0.04	0.06	
1669	1691	52.72	80	100	10.73	0.02	0.03	
1670	1692	111.09	80	100	19.99	0.05	0.09	
1671	1693	56.84	100	100	262.80	0.39	3.42	
1672	1694	25.84	100	100	1.70	0	0	
1673	1695	437	150	100	5.22	0	0	
1674	1696	67.31	100	100	46.32	0.07	0.14	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
1675	1697	67.79	150	100	180.89	0.12	0.24	
1676	1698	69.85	150	100	74.51	0.05	0.05	
1677	1699	31.34	250	100	427.05	0.1	0.1	
1678	1700	125.8	100	100	51.13	0.08	0.16	
1679	1701	66.02	200	100	218.58	0.08	0.08	
1680	1702	291.11	80	100	13.11	0.03	0.04	
1681	1703	35.47	150	100	40.40	0.03	0.01	
1682	1704	111.76	150	100	32.58	0.02	0.01	
1683	1705	188.2	150	100	95.18	0.06	0.07	
1684	1706	23.26	200	100	29.92	0.01	0	
1685	1707	61.55	100	100	138.21	0.2	1.04	
1686	1708	61.99	150	100	2514.92	1.65	31.09	
1687	1709	93.77	250	100	2808.40	0.66	3.17	
1688	1710	339.11	80	100	40.87	0.09	0.32	
1689	1711	249.06	150	100	0.34	0	0	
1690	1712	3.56	200	100	2025.49	0.75	5.13	
1691	1713	63.22	200	100	1336.95	0.49	2.38	
1692	1714	119.1	100	100	6.79	0.01	0	
1693	1715	64.71	100	100	151.78	0.22	1.24	
1694	1716	143.69	100	100	124.07	0.18	0.85	
1695	1717	64.58	100	100	18.37	0.03	0.02	
1696	1718	60.84	100	100	109.72	0.16	0.68	
1697	1719	134.79	100	100	80.34	0.12	0.38	
1698	1720	58.72	100	100	76.35	0.11	0.35	
1699	1721	132.92	100	100	54.24	0.08	0.18	
1700	1722	135.58	100	100	12.48	0.02	0.01	
1701	1723	78.32	100	100	52.85	0.08	0.18	
1702	1724	121.95	100	100	50.65	0.07	0.16	
1703	1725	63.57	100	100	53.78	0.08	0.18	
1704	1726	176.1	300	100	2104.16	0.34	0.76	
1705	1727	54.24	150	100	159.93	0.1	0.19	
1706	1728	12.61	150	100	391.28	0.26	0.99	
1707	1729	18.32	200	100	503.75	0.19	0.39	
1708	1730	37.98	150	100	337.92	0.22	0.76	
1709	1731	159.57	600	100	13424.71	0.55	0.81	
1710	1732	182.98	600	100	14776.80	0.6	0.96	
1711	1733	157.5	200	100	338.77	0.12	0.19	
1712	1734	1137.18	1000	100	40035.76	0.59	0.51	
1713	1735	15.12	500	100	10254.21	0.6	1.19	
1714	1736	15.13	600	100	12649.23	0.52	0.72	
1715	1737	265.13	600	100	7554.80	0.31	0.28	
1716	1738	5.3	600	100	3516.44	0.14	0.07	
1717	1739	273.16	600	100	12649.24	0.52	0.72	
1718	1740	18.38	300	100	0.00	0	0	
1719	1741	390.99	300	100	2143.02	0.35	0.79	
1720	1742	519.6	150	100	2134.21	1.4	22.94	
1721	1743	138.77	100	100	49.96	0.07	0.16	
1722	1744	600.85	200	100	842.07	0.31	1.01	
1723	1745	234.04	600	100	3154.64	0.13	0.06	
1724	1746	288.45	100	100	21.66	0.03	0.03	
1725	1747	29.39	100	100	28.57	0.04	0.06	
1726	1748	72.64	100	100	76.45	0.11	0.35	
1727	1749	205.59	150	100	141.49	0.09	0.15	
1728	1750	27.57	100	100	41.18	0.06	0.11	
1729	1751	119.57	100	100	44.61	0.07	0.13	
1730	1752	71.59	150	100	173.98	0.11	0.22	
1731	1753	10.28	150	100	141.49	0.09	0.15	
1732	1754	130.29	600	100	4368.63	0.18	0.1	
1733	1755	24.36	600	100	16348.23	0.67	1.16	
1734	1756	44.64	200	100	0.00	0	0	
1735	1757	157.39	80	100	70.81	0.16	0.89	
1736	1758	111.98	100	100	10.87	0.02	0.01	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
1737	1759	62.05	150	100	60.28	0.04	0.03	
1738	1760	152.49	100	100	103.79	0.15	0.61	
1739	1761	114.06	100	100	50.05	0.07	0.16	
1740	1762	34.91	100	100	35.14	0.05	0.08	
1741	1763	262.92	80	100	207.51	0.48	6.54	
1742	1764	159.64	100	100	478.65	0.71	10.38	
1743	1765	208.28	500	100	3103.88	0.18	0.13	
1744	1766	395.37	250	100	483.63	0.11	0.12	
1745	1767	183.79	400	100	2618.46	0.24	0.28	
1746	1768	166.03	200	100	445.00	0.16	0.31	
1747	1769	141.97	400	100	1943.30	0.18	0.16	
1748	1770	60.04	100	100	28.04	0.04	0.05	
1749	1771	50.03	100	100	8.52	0.01	0.01	
1750	1772	39.92	100	100	42.38	0.06	0.12	
1751	1773	32.31	100	100	21.82	0.03	0.03	
1752	1774	32.14	100	100	24.46	0.04	0.04	
1753	1775	180.13	100	100	7.95	0.01	0.01	
1754	1776	161.16	100	100	0.20	0	0	
1755	1777	120.64	100	100	0.69	0	0	
1756	1778	100.13	100	100	4.63	0.01	0	
1757	1779	32.81	100	100	13.22	0.02	0.01	
1758	1780	31.74	100	100	18.73	0.03	0.03	
1759	1781	49.13	100	100	5.62	0.01	0	
1760	1782	38.44	100	100	80.38	0.12	0.38	
1761	1783	148.38	400	100	1725.81	0.16	0.13	
1762	1784	37.63	150	100	183.42	0.12	0.24	
1763	1785	165.49	150	100	101.09	0.07	0.08	
1764	1786	97.1	150	100	50.99	0.03	0.02	
1765	1787	38.8	150	100	75.67	0.05	0.05	
1766	1788	23	150	100	405.87	0.27	1.06	
1767	1789	31	150	100	231.78	0.15	0.38	
1768	1790	40.99	100	100	63.63	0.09	0.25	
1769	1791	115.77	100	100	33.91	0.05	0.08	
1770	1792	115.77	100	100	20.63	0.03	0.03	
1771	1793	138	100	100	58.52	0.09	0.21	
1772	1794	138	100	100	76.54	0.11	0.35	
1773	1795	117.77	100	100	8.06	0.01	0.01	
1774	1796	32.04	100	100	69.04	0.1	0.29	
1775	1797	148	150	100	166.90	0.11	0.2	
1776	1798	34	100	100	59.19	0.09	0.22	
1777	1799	167.57	150	100	148.74	0.1	0.17	
1778	1800	34	100	100	84.91	0.13	0.42	
1779	1801	167.57	100	100	59.25	0.09	0.22	
1780	1802	40.66	100	100	25.30	0.04	0.04	
1781	1803	38.37	150	100	15.81	0.01	0	
1782	1804	47.67	100	100	45.26	0.07	0.13	
1783	1805	49.02	100	100	7.96	0.01	0.01	
1784	1806	28.01	100	100	3.41	0.01	0	
1785	1807	34.36	100	100	22.09	0.03	0.03	
1786	1808	130.95	100	100	18.99	0.03	0.03	
1787	1809	131.58	100	100	13.77	0.02	0.01	
1788	1810	132.73	100	100	10.93	0.02	0.01	
1789	1811	133.23	100	100	11.25	0.02	0.01	
1790	1812	36.01	100	100	32.73	0.05	0.07	
1791	1813	96.33	100	100	4.15	0.01	0	
1792	1814	145.89	100	100	29.81	0.04	0.06	
1793	1815	106.14	100	100	33.85	0.05	0.08	
1794	1816	83.8	100	100	28.22	0.04	0.05	
1795	1817	38.32	100	100	21.42	0.03	0.03	
1796	1818	40.13	100	100	74.76	0.11	0.33	
1797	1819	44.3	100	100	27.88	0.04	0.05	
1798	1820	126.44	100	100	70.86	0.1	0.3	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
1799	1821	98.52	100	100	29.70	0.04	0.06	
1800	1822	116.25	100	100	40.97	0.06	0.11	
1801	1823	133.75	150	100	45.99	0.03	0.02	
1802	1824	128.08	100	100	55.79	0.08	0.19	
1803	1825	17.97	100	100	173.01	0.25	1.58	
1804	1826	23.18	300	100	765.00	0.13	0.12	
1805	1827	97.87	200	100	125.81	0.05	0.03	
1806	1828	146.76	200	100	153.00	0.06	0.04	
1807	1829	23.17	200	100	804.01	0.3	0.93	
1808	1830	115.98	200	100	516.44	0.19	0.41	
1809	1831	126.5	200	100	419.86	0.15	0.28	
1810	1832	18	100	100	54.55	0.08	0.19	
1811	1833	39.98	100	100	41.64	0.06	0.11	
1812	1834	14.66	100	100	180.26	0.27	1.7	
1813	1835	21.58	100	100	2.42	0	0	
1814	1836	49	100	100	4.42	0.01	0	
1815	1837	28	100	100	10.42	0.02	0.01	
1816	1838	34.3	100	100	3.52	0.01	0	
1817	1839	41.07	200	100	385.77	0.14	0.24	
1818	1840	37.21	100	100	28.29	0.04	0.05	
1819	1841	36.27	100	100	15.68	0.02	0.02	
1820	1842	37	200	100	91.67	0.03	0.02	
1821	1843	34	200	100	144.57	0.05	0.04	
1822	1844	44	200	100	265.29	0.1	0.12	
1823	1845	130.1	150	100	276.52	0.18	0.52	
1824	1846	105.32	150	100	22.27	0.01	0	
1825	1847	36.3	150	100	48.96	0.03	0.02	
1826	1848	96.3	150	100	15.94	0.01	0	
1827	1849	52.7	150	100	17.85	0.01	0	
1828	1850	41.94	100	100	2.23	0	0	
1829	1851	36.21	150	100	13.69	0.01	0	
1830	1852	78.09	100	100	2.14	0	0	
1831	1853	99.27	100	100	38.45	0.06	0.1	
1832	1854	120.44	100	100	45.02	0.07	0.13	
1833	1855	101.67	100	100	22.99	0.03	0.04	
1834	1856	69.65	100	100	8.06	0.01	0.01	
1835	1857	55.45	100	100	34.55	0.05	0.08	
1836	1858	54.79	100	100	125.56	0.19	0.87	
1837	1859	214.2	150	100	24.33	0.02	0.01	
1838	1860	112	100	100	7.50	0.01	0	
1839	1861	180.9	100	100	7.89	0.01	0	
1840	1862	44.91	100	100	17.10	0.03	0.02	
1841	1863	75.65	100	100	13.32	0.02	0.01	
1842	1864	46.28	100	100	6.73	0.01	0	
1843	1865	26.74	100	100	5.85	0.01	0	
1844	1866	70.09	100	100	4.33	0.01	0	
1845	1867	32.24	150	100	45.75	0.03	0.02	
1846	1868	26.27	100	100	17.70	0.03	0.02	
1847	1869	63.75	100	100	1.61	0	0	
1848	1870	26.79	80	100	3.75	0.01	0	
1849	1871	36.67	100	100	7.19	0.01	0	
1850	1872	139.95	150	100	26.02	0.02	0.01	
1851	1873	37.64	150	100	29.12	0.02	0.01	
1852	1874	42.81	80	100	2.21	0.01	0	
1853	1875	167.91	150	100	9.84	0.01	0	
1854	1876	29.22	150	100	5.31	0	0	
1855	1877	238.54	80	100	1.25	0	0	
1856	16682	188.75	80	100	1.25	0	0	
1857	1878	1660.46	200	100	191.46	0.07	0.06	
1858	1879	46.11	150	100	48.14	0.03	0.02	
1859	1880	906.56	200	100	157.26	0.06	0.05	
1860	1881	171.36	150	100	0.00	0	0	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
1861	1882	407.72	100	100	80.72	0.12	0.38	
1862	1883	676.74	200	100	168.38	0.06	0.05	
1863	1884	1445.72	200	100	141.78	0.05	0.04	
1864	1885	683.59	100	100	71.39	0.11	0.31	
1865	1886	112.1	80	100	4.45	0.01	0.01	
1866	1887	110.91	80	100	4.81	0.01	0.01	
1867	1888	45.12	80	100	0.23	0	0	
1868	1889	175.57	80	100	1.12	0	0	
1869	1890	105.04	80	100	1.37	0	0	
1870	1891	98.57	80	100	6.61	0.02	0.01	
1871	1892	43.3	80	100	3.79	0.01	0	
1872	1893	116.06	80	100	3.10	0.01	0	
1873	1894	146.32	80	100	4.59	0.01	0.01	
1874	1895	173.29	80	100	0.89	0	0	
1875	1896	139.51	80	100	6.12	0.01	0.01	
1876	1897	84.44	80	100	4.82	0.01	0.01	
1877	1898	138.15	80	100	8.60	0.02	0.02	
1878	1899	38.89	80	100	17.05	0.04	0.06	
1879	1900	24.65	80	100	4.47	0.01	0.01	
1880	1901	385.1	80	100	0.88	0	0	
1881	1902	60.93	80	100	22.57	0.05	0.11	
1882	1903	140.47	80	100	67.42	0.16	0.82	
1883	1904	130.45	80	100	101.09	0.23	1.73	
1884	1905	30.39	80	100	150.63	0.35	3.62	
1885	1906	88.37	80	100	3.39	0.01	0	
1886	1907	120.63	80	100	13.24	0.03	0.04	
1887	1908	92.63	80	100	38.73	0.09	0.29	
1888	1909	180.31	80	100	14.24	0.03	0.05	
1889	1910	199.04	80	100	48.89	0.11	0.45	
1890	1911	141.46	80	100	14.05	0.03	0.04	
1891	1912	32.7	80	100	21.56	0.05	0.1	
1892	1913	21.13	80	100	52.53	0.12	0.51	
1893	1914	30.4	80	100	24.74	0.06	0.13	
1894	1915	21.61	80	100	10.55	0.02	0.03	
1895	1916	189.35	80	100	0.92	0	0	
1896	1917	31.59	80	100	18.45	0.04	0.07	
1897	1918	23.77	80	100	7.63	0.02	0.01	
1898	1919	196.83	80	100	0.29	0	0	
1899	1920	197.39	100	100	47.68	0.07	0.14	
1900	1921	87.26	80	100	105.25	0.24	1.86	
1901	1922	133.03	80	100	12.80	0.03	0.04	
1902	1923	272.45	80	100	7.25	0.02	0	
1903	1924	383.37	100	100	105.49	0.16	0.63	
1904	1925	267.07	80	100	2.34	0.01	0	
1905	1926	514.2	80	100	2.35	0.01	0	
1906	1927	76.43	80	100	217.88	0.5	7.16	
1907	1928	119.37	80	100	44.34	0.1	0.38	
1908	1929	378.07	600	100	7248.44	0.3	0.26	
1909	1930	390.23	600	100	3132.98	0.13	0.05	
1910	1931	331.03	600	100	13544.70	0.55	0.82	
1911	1932	380.69	600	100	5118.49	0.21	0.14	
1912	1933	37.49	600	100	3169.15	0.13	0.06	
1913	1934	144.8	600	100	21466.72	0.88	1.93	
1914	1935	48.35	600	100	19517.38	0.8	1.61	
1915	1936	257.9	600	100	19298.61	0.79	1.58	
1916	1937	263.84	600	100	9653.35	0.4	0.44	
1917	1938	105.78	600	100	14230.45	0.58	0.9	
1918	1939	59.02	600	100	4534.86	0.19	0.11	
1919	1940	90.45	600	100	21350.81	0.87	1.91	
1920	1941	503.99	600	100	13206.74	0.54	0.78	
1921	1942	41.42	600	100	2918.84	0.12	0.05	
1922	1943	20.98	600	100	5094.43	0.21	0.13	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
1923	1944	126.78	600	100	11951.40	0.49	0.65	
1924	1945	112.76	600	100	11944.78	0.49	0.65	
1925	1946	75.74	600	100	9143.04	0.37	0.4	
1926	1947	91.64	600	100	9208.33	0.38	0.4	
1927	1948	207.11	600	100	7273.87	0.3	0.26	
1928	1949	436.85	600	100	4142.57	0.17	0.09	
1929	1950	202.86	600	100	6391.58	0.26	0.2	
1930	1951	321.38	600	100	8885.07	0.36	0.38	
1931	1952	159.08	600	100	8582.78	0.35	0.35	
1932	1953	422.64	500	100	605.90	0.04	0.01	
1933	1954	267.42	500	100	1476.12	0.09	0.03	
1934	1955	406.53	500	100	2028.59	0.12	0.06	
1935	1956	262.42	500	100	251.04	0.01	0	
1936	1957	283.69	500	100	544.74	0.03	0.01	
1937	1958	179.17	500	100	5159.78	0.3	0.33	
1938	1959	176.82	350	100	3440.90	0.41	0.9	
1939	1960	95.54	400	100	4998.03	0.46	0.93	
1940	1961	56.19	400	100	5037.24	0.46	0.95	
1941	1962	341.62	400	100	4035.14	0.37	0.63	
1942	1963	336.69	400	100	993.08	0.09	0.05	
1943	1964	78.81	400	100	171.33	0.02	0	
1944	1965	14.74	400	100	0.00	0	0	
1945	1966	47.78	350	100	4729.80	0.57	1.62	
1946	1967	209.01	350	100	4537.83	0.55	1.5	
1947	1968	302.48	300	100	0.00	0	0	
1948	1969	108.17	300	100	6.82	0	0	
1949	1970	77.82	300	100	1117.75	0.18	0.24	
1950	1971	124.61	300	100	1374.52	0.23	0.35	
1951	1972	26.17	300	100	2143.02	0.35	0.79	
1952	1973	88.34	300	100	1720.38	0.28	0.53	
1953	1974	56.95	300	100	1925.81	0.32	0.65	
1954	1975	205.98	300	100	1388.77	0.23	0.35	
1955	1976	301.54	300	100	146.32	0.02	0.01	
1956	1978	175.86	300	100	67.68	0.01	0	
1957	1979	137.79	300	100	37.91	0.01	0	
1958	1980	573.27	300	100	0.00	0	0	
1959	1981	108.91	300	100	669.08	0.11	0.09	
1960	1982	74.17	300	100	270.69	0.04	0.02	
1961	1983	218.59	250	100	668.04	0.16	0.22	
1962	1984	103.61	250	100	785.99	0.19	0.3	
1963	1985	361.22	250	100	1333.06	0.31	0.8	
1964	16695	282.34	250	100	1327.84	0.31	0.79	
1965	1986	27.12	250	100	380.71	0.09	0.08	
1966	1987	73.49	250	100	254.10	0.06	0.04	
1967	1988	202.04	250	100	649.34	0.15	0.21	
1968	1989	579.58	250	100	682.55	0.16	0.23	
1969	1990	36.04	250	100	2652.03	0.63	2.85	
1970	1991	45.41	250	100	458.80	0.11	0.11	
1971	1992	24.06	250	100	2111.39	0.5	1.87	
1972	1993	216.37	200	100	33.24	0.01	0	
1973	1994	157.57	200	100	302.28	0.11	0.15	
1974	1995	213.45	200	100	105.06	0.04	0.02	
1975	1996	554.79	200	100	66.97	0.02	0.01	
1976	1997	1150.38	150	100	17.50	0.01	0	
1977	1998	72.18	200	100	5.36	0	0	
1978	1999	69.72	200	100	174.25	0.06	0.05	
1979	2000	123.15	200	100	224.21	0.08	0.09	
1980	2001	192.16	200	100	166.23	0.06	0.05	
1981	2002	382.16	200	100	695.51	0.26	0.71	
1982	2003	57.76	200	100	221.02	0.08	0.08	
1983	2004	221.72	200	100	744.91	0.27	0.8	
1984	2005	211.32	200	100	660.23	0.24	0.64	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
1985	2006	175.78	200	100	1047.42	0.39	1.51	
1986	2007	119.01	200	100	428.89	0.16	0.29	
1987	2008	124.42	200	100	622.75	0.23	0.58	
1988	2009	199.31	200	100	0.00	0	0	
1989	2010	213.91	200	100	105.72	0.04	0.02	
1990	2011	42.69	200	100	739.05	0.27	0.79	
1991	2012	70.75	200	100	855.42	0.32	1.04	
1992	2013	46.35	200	100	1163.64	0.43	1.84	
1993	2014	155.68	200	100	312.91	0.12	0.16	
1994	2015	36.26	200	100	115.91	0.04	0.03	
1995	2016	113.59	200	100	53.79	0.02	0.01	
1996	2017	283.58	200	100	951.26	0.35	1.27	
1997	2018	33.8	200	100	302.11	0.11	0.15	
1998	2019	91.22	200	100	106.69	0.04	0.02	
1999	2020	46.69	200	100	280.69	0.1	0.13	
2000	2021	34.19	200	100	313.04	0.12	0.16	
2001	2022	114.58	200	100	657.12	0.24	0.64	
2002	2023	54.45	200	100	336.74	0.12	0.18	
2003	2024	41.49	200	100	697.37	0.26	0.71	
2004	2025	46.93	200	100	105.55	0.04	0.02	
2005	2026	49	200	100	76.60	0.03	0.01	
2006	2027	158.28	200	100	429.21	0.16	0.29	
2007	2028	435.51	200	100	542.19	0.2	0.45	
2008	2029	945.94	200	100	231.23	0.09	0.09	
2009	2030	554.84	200	100	225.77	0.08	0.09	
2010	2031	128.98	200	100	293.11	0.11	0.14	
2011	2032	289.22	200	100	208.38	0.08	0.08	
2012	2033	226.6	200	100	131.09	0.05	0.03	
2013	2034	1069.1	200	100	58.99	0.02	0.01	
2014	2035	699.8	200	100	110.03	0.04	0.02	
2015	2036	784.19	200	100	524.99	0.19	0.42	
2016	2037	3165.24	200	100	196.23	0.07	0.07	
2017	2038	356.28	200	100	39.77	0.01	0	
2018	2039	797.1	200	100	369.98	0.14	0.22	
2019	2040	262.5	200	100	11.27	0	0	
2020	16683	253.55	200	100	3.11	0	0	
2021	2041	139.72	200	100	143.93	0.05	0.04	
2022	2042	116	200	100	155.97	0.06	0.04	
2023	2043	538.18	200	100	401.25	0.15	0.26	
2024	2044	191.49	200	100	260.34	0.1	0.11	
2025	2045	5.21	200	100	257.98	0.1	0.11	
2026	2046	316.26	150	100	19.56	0.01	0	
2027	2047	280.3	150	100	37.62	0.02	0.01	
2028	2048	84.49	150	100	0.44	0	0	
2029	2049	183.51	150	100	3.40	0	0	
2030	2050	23.09	150	100	110.70	0.07	0.1	
2031	2051	196.69	150	100	31.70	0.02	0.01	
2032	2052	106.74	150	100	202.49	0.13	0.29	
2033	2053	113.29	150	100	24.06	0.02	0.01	
2034	2054	49	150	100	30.42	0.02	0.01	
2035	2055	8.51	150	100	4.96	0	0	
2036	2056	42.62	150	100	92.50	0.06	0.07	
2037	2057	28.73	150	100	13.43	0.01	0	
2038	2058	118.91	150	100	212.62	0.14	0.32	
2039	2059	41.71	150	100	4.73	0	0	
2040	2060	186.64	150	100	0.00	0	0	
2041	2061	59.37	150	100	445.16	0.29	1.26	
2042	2062	47.38	150	100	402.21	0.26	1.04	
2043	2063	26.68	150	100	334.87	0.22	0.74	
2044	2064	587.19	150	100	2.73	0	0	
2045	2065	211.57	150	100	384.78	0.25	0.96	
2046	2066	56.94	150	100	61.58	0.04	0.03	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
2047	2067	105.52	150	100	104.12	0.07	0.09	
2048	2068	96.31	150	100	12.94	0.01	0	
2049	2069	61.42	150	100	2.68	0	0	
2050	2070	123.34	150	100	158.23	0.1	0.19	
2051	2071	134.12	150	100	49.74	0.03	0.02	
2052	2072	129.08	150	100	2390.50	1.57	28.3	
2053	2073	33.84	150	100	2412.77	1.58	28.79	
2054	2074	111.33	150	100	146.43	0.1	0.16	
2055	2075	119.46	150	100	105.48	0.07	0.09	
2056	2076	69.04	150	100	101.87	0.07	0.08	
2057	2077	72.94	150	100	138.15	0.09	0.14	
2058	2078	36.74	150	100	345.87	0.23	0.79	
2059	2079	54.97	150	100	196.64	0.13	0.28	
2060	2080	34.21	150	100	15.64	0.01	0	
2061	2081	33.63	150	100	7.18	0	0	
2062	2082	183.78	150	100	282.52	0.19	0.54	
2063	2083	37.3	150	100	440.85	0.29	1.24	
2064	2084	40.98	150	100	345.49	0.23	0.79	
2065	2085	28.64	150	100	1.06	0	0	
2066	2086	273.65	150	100	35.26	0.02	0.01	
2067	2087	198.49	150	100	81.40	0.05	0.05	
2068	2088	38.92	150	100	106.24	0.07	0.09	
2069	2089	150.01	150	100	78.28	0.05	0.05	
2070	2090	170.72	150	100	448.02	0.29	1.27	
2071	2091	104.43	150	100	624.68	0.41	2.36	
2072	2092	90.83	150	100	29.85	0.02	0.01	
2073	2093	605.83	150	100	6.43	0	0	
2074	2094	109.73	150	100	38.53	0.03	0.01	
2075	2095	52.61	150	100	23.91	0.02	0.01	
2076	2096	29.24	150	100	59.90	0.04	0.03	
2077	2097	175.87	150	100	42.16	0.03	0.02	
2078	2098	57.5	150	100	567.00	0.37	1.97	
2079	2099	107.49	150	100	434.69	0.28	1.2	
2080	2100	42.87	150	100	426.57	0.28	1.16	
2081	2101	33.25	1000	100	40560.98	0.6	0.52	
2082	2102	571.44	1000	100	29781.54	0.44	0.29	
2083	2103	304.75	1000	100	24752.72	0.36	0.21	
2084	2104	246.27	1000	100	21236.29	0.31	0.16	
2085	2105	136.5	100	100	0.28	0	0	
2086	2106	1408.71	100	100	20.14	0.03	0.03	
2087	2107	96.79	100	100	36.17	0.05	0.09	
2088	2108	99.3	100	100	6.66	0.01	0	
2089	2109	47.88	100	100	14.43	0.02	0.02	
2090	2110	37.98	100	100	47.75	0.07	0.15	
2091	2111	92.02	100	100	15.53	0.02	0.02	
2092	2112	91.16	100	100	2.73	0	0	
2093	2113	61.36	100	100	2.24	0	0	
2094	2114	111.92	100	100	20.66	0.03	0.03	
2095	2115	43	100	100	71.09	0.1	0.3	
2096	2116	40.7	100	100	57.64	0.08	0.21	
2097	2117	80.12	100	100	16.32	0.02	0.02	
2098	2118	34.82	100	100	11.69	0.02	0.01	
2099	2119	139.58	100	100	8.50	0.01	0.01	
2100	2120	41.7	100	100	4.17	0.01	0	
2101	2121	100.15	100	100	8.81	0.01	0.01	
2102	2122	47.02	100	100	4.93	0.01	0	
2103	2123	126.77	100	100	9.59	0.01	0.01	
2104	2124	87.02	100	100	8.34	0.01	0.01	
2105	2125	88.44	100	100	7.68	0.01	0.01	
2106	2126	41.24	100	100	11.61	0.02	0.01	
2107	2127	52.79	100	100	15.64	0.02	0.02	
2108	2128	972.66	100	100	8.82	0.01	0.01	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
2109	2129	22.96	100	100	30.65	0.05	0.06	
2110	2130	105.34	100	100	17.52	0.03	0.02	
2111	2131	41.68	100	100	25.88	0.04	0.05	
2112	2132	76.08	100	100	0.23	0	0	
2113	2133	229.47	100	100	35.94	0.05	0.09	
2114	2134	222.5	100	100	86.03	0.13	0.43	
2115	2135	349.09	100	100	7.33	0.01	0	
2116	2136	35.94	100	100	70.36	0.1	0.3	
2117	2137	29.98	100	100	8.32	0.01	0.01	
2118	2138	111.31	100	100	17.91	0.03	0.02	
2119	2139	32.86	100	100	25.03	0.04	0.04	
2120	2140	357.97	100	100	15.24	0.02	0.02	
2121	2141	624.93	100	100	4.08	0.01	0	
2122	2142	52.81	100	100	0.00	0	0	
2123	2143	41.53	100	100	31.01	0.05	0.07	
2124	2144	59.24	100	100	48.73	0.07	0.15	
2125	2145	103.49	100	100	15.40	0.02	0.02	
2126	2146	97.68	100	100	72.52	0.11	0.31	
2127	2147	132.73	100	100	107.77	0.16	0.66	
2128	2148	86.28	100	100	58.15	0.09	0.21	
2129	2149	79.93	100	100	80.31	0.12	0.38	
2130	2150	46.49	100	100	22.04	0.03	0.03	
2131	2151	112.32	100	100	7.43	0.01	0	
2132	2152	59.28	100	100	9.79	0.01	0.01	
2133	2153	60.21	100	100	40.71	0.06	0.11	
2134	2154	56.66	100	100	105.89	0.16	0.63	
2135	2155	60.01	100	100	51.41	0.08	0.17	
2136	2156	152.81	100	100	96.59	0.14	0.54	
2137	2157	128.71	100	100	37.90	0.06	0.09	
2138	2158	48.6	100	100	224.80	0.33	2.56	
2139	2159	53.95	100	100	164.59	0.24	1.44	
2140	2160	33.72	100	100	214.34	0.32	2.34	
2141	2161	156.38	100	100	106.53	0.16	0.64	
2142	2162	163.64	100	100	95.40	0.14	0.52	
2143	2163	133.76	100	100	63.72	0.09	0.25	
2144	2164	210.4	100	100	111.47	0.16	0.7	
2145	2165	36.96	100	100	133.57	0.2	0.98	
2146	2166	209.85	100	100	92.61	0.14	0.5	
2147	2167	38.38	100	100	307.92	0.45	4.58	
2148	2168	47.44	100	100	125.77	0.19	0.87	
2149	2169	133.95	100	100	36.48	0.05	0.09	
2150	2170	55.64	100	100	197.14	0.29	2.01	
2151	2171	86.63	100	100	71.59	0.11	0.31	
2152	2172	183.48	100	100	16.30	0.02	0.02	
2153	2173	69.48	100	100	165.02	0.24	1.44	
2154	2174	30.4	100	100	125.19	0.18	0.87	
2155	2175	90.83	100	100	91.94	0.14	0.49	
2156	2176	57.01	100	100	90.60	0.13	0.48	
2157	2177	62.69	100	100	97.35	0.14	0.54	
2158	2178	104.82	100	100	81.59	0.12	0.39	
2159	2179	78.42	100	100	2.65	0	0	
2160	2180	39.88	100	100	19.43	0.03	0.03	
2161	2181	51.98	100	100	2.64	0	0	
2162	2182	83.16	100	100	8.99	0.01	0.01	
2163	2183	28.07	100	100	48.81	0.07	0.15	
2164	2184	150.54	100	100	372.60	0.55	6.52	
2165	2185	78.69	100	100	15.60	0.02	0.02	
2166	2186	556.8	100	100	0.00	0	0	
2167	2187	31.14	100	100	51.06	0.08	0.16	
2168	2188	89.93	100	100	31.63	0.05	0.07	
2169	2189	39.91	100	100	51.02	0.08	0.16	
2170	2190	49.17	100	100	13.68	0.02	0.01	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
2171	2191	74.76	100	100	41.98	0.06	0.11	
2172	2192	44.11	100	100	62.56	0.09	0.24	
2173	2193	325.27	100	100	15.08	0.02	0.02	
2174	2194	191.28	100	100	27.57	0.04	0.05	
2175	2195	39.14	100	100	126.64	0.19	0.88	
2176	2196	86.37	100	100	48.91	0.07	0.15	
2177	2197	68.75	100	100	4.46	0.01	0	
2178	2198	51.86	100	100	5.15	0.01	0	
2179	2199	34.42	100	100	18.80	0.03	0.03	
2180	2200	57.94	100	100	15.02	0.02	0.02	
2181	2201	92.67	100	100	5.78	0.01	0	
2182	2202	26.37	100	100	23.43	0.03	0.04	
2183	2203	25.43	100	100	27.42	0.04	0.05	
2184	2204	74.3	100	100	49.31	0.07	0.15	
2185	2205	44.11	100	100	113.61	0.17	0.72	
2186	2206	34.64	100	100	102.11	0.15	0.59	
2187	2207	37.35	100	100	10.18	0.01	0.01	
2188	2208	36.76	100	100	70.35	0.1	0.3	
2189	2209	189.5	100	100	29.67	0.04	0.06	
2190	2210	69.14	100	100	69.31	0.1	0.29	
2191	2211	47.29	100	100	110.46	0.16	0.69	
2192	2212	85.63	100	100	32.92	0.05	0.07	
2193	2213	684.41	100	100	0.88	0	0	
2194	2214	90.12	100	100	176.33	0.26	1.63	
2195	2215	140.36	100	100	32.53	0.05	0.07	
2196	2216	73.5	100	100	36.82	0.05	0.09	
2197	2217	33.32	100	100	38.03	0.06	0.1	
2198	2218	394.16	100	100	5.16	0.01	0	
2199	2219	932.71	100	100	1.58	0	0	
2200	2220	359.76	100	100	0.00	0	0	
2201	2221	439.7	100	100	4.60	0.01	0	
2202	2222	27.15	100	100	22.34	0.03	0.04	
2203	2223	182.51	100	100	124.15	0.18	0.85	
2204	2224	103.1	100	100	66.38	0.1	0.27	
2205	2225	189.64	100	100	40.22	0.06	0.11	
2206	2226	111.49	100	100	34.06	0.05	0.08	
2207	2227	97.92	100	100	166.71	0.25	1.47	
2208	2228	58.9	100	100	359.55	0.53	6.11	
2209	2229	73.91	100	100	13.82	0.02	0.01	
2210	2230	84.7	100	100	33.76	0.05	0.08	
2211	2231	177.29	100	100	6.19	0.01	0	
2212	2232	702.5	100	100	3.57	0.01	0	
2213	2233	222.17	100	100	43.95	0.06	0.12	
2214	2234	969.28	100	100	27.20	0.04	0.05	
2215	2235	111.34	100	100	58.69	0.09	0.21	
2216	2236	128.5	100	100	3.84	0.01	0	
2217	2237	90.1	100	100	22.99	0.03	0.04	
2218	2238	100.91	100	100	21.44	0.03	0.03	
2219	2239	79.55	100	100	197.73	0.29	2.02	
2220	2240	76.58	100	100	28.62	0.04	0.06	
2221	2241	101.35	100	100	35.77	0.05	0.09	
2222	2242	86.8	100	100	7.24	0.01	0	
2223	2243	118.45	100	100	55.97	0.08	0.19	
2224	2244	120.99	100	100	16.82	0.02	0.02	
2225	2245	56.11	100	100	26.44	0.04	0.05	
2226	2246	100.57	100	100	80.80	0.12	0.38	
2227	2247	761.77	200	100	2.10	0	0	
2228	2248	35.19	100	100	16.73	0.02	0.02	
2229	2249	1191.18	100	100	1.47	0	0	
2230	2250	200.41	100	100	107.35	0.16	0.65	
2231	2251	35.4	100	100	232.11	0.34	2.72	
2232	2252	19.36	100	100	60.16	0.09	0.22	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
2233	2253	19.54	100	100	70.91	0.1	0.3	
2234	2254	8.99	150	100	44.08	0.03	0.02	
2235	2255	5.54	200	100	954.25	0.35	1.27	
2236	2256	19.07	400	100	3849.09	0.35	0.58	
2237	2257	3.9	400	100	3571.88	0.33	0.5	
2238	2258	33.49	80	100	64.14	0.15	0.74	
2239	2259	26.81	300	100	664.97	0.11	0.09	
2240	2260	18.45	350	100	6124.51	0.74	2.61	
2241	2261	256.26	500	100	6677.34	0.39	0.54	
2242	2262	59.83	80	100	182.40	0.42	5.15	
2243	2263	80.38	80	100	163.46	0.38	4.21	
2244	2264	117.95	80	100	74.21	0.17	0.97	
2245	2265	63.33	80	100	131.67	0.3	2.82	
2246	2266	141.63	100	100	100.23	0.15	0.57	
2247	2267	38.81	100	100	95.07	0.14	0.52	
2248	2268	43.3	100	100	0.32	0	0	
2249	2269	59.44	100	100	87.49	0.13	0.45	
2250	2270	97.21	100	100	66.97	0.1	0.27	
2251	2271	131.05	100	100	234.00	0.34	2.76	
2252	2272	34.68	100	100	78.49	0.12	0.36	
2253	2273	265.88	150	100	349.74	0.23	0.81	
2254	2274	36.17	80	100	147.37	0.34	3.47	
2255	2275	113.62	80	100	51.35	0.12	0.49	
2256	2276	108.96	80	100	56.11	0.13	0.58	
2257	2277	45.07	100	100	258.89	0.38	3.32	
2258	2278	33.41	100	100	390.31	0.58	7.11	
2259	2279	215.15	80	100	161.98	0.37	4.14	
2260	2280	33.44	100	100	559.88	0.83	13.87	
2261	2281	39.54	100	100	284.00	0.42	3.95	
2262	2282	23.77	100	100	618.03	0.91	16.66	
2263	2283	34.46	80	100	88.87	0.2	1.36	
2264	2284	39.43	80	100	68.19	0.16	0.83	
2265	2285	93.13	100	100	198.71	0.29	2.04	
2266	2286	198.18	700	100	29088.06	0.87	1.6	
2267	2287	32.35	350	100	8066.23	0.97	4.34	
2268	2288	193.5	100	100	323.66	0.48	5.03	
2269	2289	77.09	150	100	1162.97	0.76	7.45	
2270	2290	58.94	150	100	1096.86	0.72	6.69	
2271	2291	15.34	100	100	468.58	0.69	9.97	
2272	2292	134.24	80	100	145.52	0.34	3.39	
2273	2293	201.02	200	100	295.12	0.11	0.14	
2274	2294	42.65	100	100	182.91	0.27	1.75	
2275	2295	43.89	100	100	88.85	0.13	0.46	
2276	2296	140.07	100	100	215.03	0.32	2.36	
2277	2297	55.78	100	100	16.94	0.02	0.02	
2278	2298	159.22	100	100	238.27	0.35	2.85	
2279	2299	175.3	100	100	64.06	0.09	0.25	
2280	2300	35.19	100	100	81.26	0.12	0.39	
2281	2301	99.12	100	100	254.11	0.37	3.21	
2282	2302	99.63	100	100	188.89	0.28	1.85	
2283	2303	103.88	100	100	297.34	0.44	4.3	
2284	2304	98.59	100	100	154.86	0.23	1.28	
2285	2305	141.37	150	100	736.06	0.48	3.19	
2286	2306	121.55	100	100	177.90	0.26	1.66	
2287	2307	89.73	100	100	59.39	0.09	0.22	
2288	2308	36.26	100	100	314.79	0.46	4.77	
2289	2309	104.99	100	100	147.30	0.22	1.17	
2290	2310	109.53	100	100	78.47	0.12	0.36	
2291	2311	68.08	100	100	103.28	0.15	0.61	
2292	2312	66.09	150	100	701.97	0.46	2.93	
2293	2313	31.07	100	100	174.64	0.26	1.6	
2294	2314	158	150	100	289.65	0.19	0.57	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
2295	2315	86.82	150	100	1310.68	0.86	9.3	
2296	2316	22.99	600	100	7545.29	0.31	0.28	
2297	2317	11.08	100	100	188.85	0.28	1.85	
2298	2318	315.34	500	100	9376.75	0.55	1.01	
2299	2319	234.62	500	100	8204.05	0.48	0.79	
2300	2320	206.56	300	100	1810.10	0.3	0.58	
2301	2321	553.79	300	100	2424.13	0.4	0.99	
2302	2322	81.8	200	100	4.87	0	0	
2303	2323	37.02	200	100	349.05	0.13	0.2	
2304	2324	225.3	400	100	5198.82	0.48	1	
2305	2325	933.91	300	100	775.53	0.13	0.12	
2306	2326	187.7	600	100	6761.34	0.28	0.23	
2307	2327	317.03	300	100	910.62	0.15	0.16	
2308	2328	131.06	100	100	15.10	0.02	0.02	
2309	2329	117.93	100	100	31.01	0.05	0.07	
2310	2330	30.06	200	100	383.39	0.14	0.23	
2311	2331	98.16	100	100	81.94	0.12	0.39	
2312	2332	97.58	100	100	9.32	0.01	0.01	
2313	2333	97.76	100	100	3.44	0.01	0	
2314	2334	98.2	100	100	20.57	0.03	0.03	
2315	2335	38.2	100	100	89.76	0.13	0.47	
2316	2336	40.04	100	100	114.44	0.17	0.73	
2317	2337	41.94	100	100	25.00	0.04	0.04	
2318	2338	26.64	100	100	185.31	0.27	1.79	
2319	2339	36.57	100	100	22.29	0.03	0.04	
2320	2340	127.27	150	100	25.59	0.02	0.01	
2321	2341	21.27	200	100	430.93	0.16	0.29	
2322	2342	333.91	150	100	152.36	0.1	0.17	
2323	2343	120.84	200	100	1931.38	0.71	4.7	
2324	2344	130.58	250	100	2708.39	0.64	2.96	
2325	2345	131.02	250	100	2134.45	0.5	1.91	
2326	2346	22.15	200	100	85.14	0.03	0.01	
2327	2347	74.08	150	100	0.16	0	0	
2328	2348	335.89	300	100	1868.81	0.31	0.61	
2329	2349	135.88	200	100	820.55	0.3	0.96	
2330	2350	135.01	150	100	340.30	0.22	0.77	
2331	2351	37.47	100	100	135.30	0.2	1	
2332	2352	39.03	100	100	23.17	0.03	0.04	
2333	2353	43.16	200	100	377.99	0.14	0.23	
2334	2354	42.32	80	100	333.38	0.77	15.74	
2335	2355	185.1	80	100	64.86	0.15	0.76	
2336	2356	83.31	150	100	0.00	0	0	
2337	2357	33.57	150	100	334.27	0.22	0.74	
2338	2358	32.65	300	100	748.19	0.12	0.11	
2339	2359	35.18	300	100	1407.50	0.23	0.36	
2340	2360	12.89	300	100	1634.80	0.27	0.48	
2341	2361	156.02	100	100	32.37	0.05	0.07	
2342	2362	28.7	150	100	63.51	0.04	0.03	
2343	2363	39.52	1500	100	3330.24	0.02	0	
2344	2364	92.71	1500	100	68.64	0	0	
2345	2365	135.32	1500	100	1634.80	0.01	0	
2346	2366	35.1	100	100	196.10	0.29	1.99	
2347	2367	40.89	100	100	69.63	0.1	0.29	
2348	2368	191.93	200	100	244.48	0.09	0.1	
2349	2369	12.68	200	100	0.00	0	0	
2350	2370	65.72	100	100	314.28	0.46	4.76	
2351	2371	140.39	80	100	85.54	0.2	1.27	
2352	2372	26.02	100	100	513.42	0.76	11.81	
2353	2373	145.56	100	100	237.05	0.35	2.82	
2354	2374	36.78	200	100	2.74	0	0	
2355	2375	70.31	350	100	7157.49	0.86	3.48	
2356	2376	39.17	350	100	7599.11	0.91	3.89	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
2357	2377	171.91	1100	100	77808.66	0.95	1.09	
2358	2378	77.11	300	100	194.46	0.03	0.01	
2359	2379	72.5	80	100	42.45	0.1	0.35	
2360	2380	161.2	150	100	311.86	0.2	0.65	
2361	2381	116.27	80	100	49.63	0.11	0.46	
2362	2382	74.47	150	100	71.92	0.05	0.04	
2363	2383	70.32	150	100	259.73	0.17	0.46	
2364	2384	136.45	100	100	38.77	0.06	0.1	
2365	2385	118.25	150	100	310.17	0.2	0.64	
2366	2386	185.74	100	100	95.41	0.14	0.52	
2367	2387	134.86	150	100	78.53	0.05	0.05	
2368	2388	210.21	100	100	76.06	0.11	0.34	
2369	2389	82.27	100	100	76.30	0.11	0.35	
2370	2390	74.04	100	100	115.24	0.17	0.74	
2371	2391	79.39	250	100	1268.22	0.3	0.73	
2372	2392	288.73	250	100	982.60	0.23	0.45	
2373	2393	431.65	250	100	832.83	0.2	0.33	
2374	2394	343.3	100	100	66.83	0.1	0.27	
2375	2395	75.73	150	100	1.30	0	0	
2376	2396	18.58	150	100	188.42	0.12	0.26	
2377	2397	27.78	150	100	904.62	0.59	4.68	
2378	2398	138.83	150	100	479.50	0.31	1.44	
2379	2399	187.89	100	100	126.73	0.19	0.89	
2380	2400	116.61	100	100	74.05	0.11	0.33	
2381	2401	72.09	200	100	619.89	0.23	0.57	
2382	2402	112.87	200	100	564.48	0.21	0.48	
2383	2403	278.48	250	100	622.62	0.15	0.19	
2384	2404	151.46	250	100	27.84	0.01	0	
2385	2405	74.53	150	100	2.29	0	0	
2386	2406	147.16	200	100	3238.99	1.19	12.23	
2387	2407	292.75	1350	100	127284.00	1.03	1	
2388	2408	62.46	250	100	363.68	0.09	0.07	
2389	2409	120.82	250	100	26.37	0.01	0	
2390	2410	316.02	1500	100	173014.10	1.13	1.06	
2391	2411	74.09	1800	100	173204.40	0.79	0.44	
2392	2412	93.53	80	100	6.96	0.02	0.01	
2393	2413	680.17	1100	100	128548.40	1.57	2.77	
2394	2414	65.75	150	100	318.14	0.21	0.68	
2395	2415	166.58	80	100	26.61	0.06	0.15	
2396	2416	133.2	1100	100	127046.40	1.55	2.71	
2397	2417	354.78	200	100	60.60	0.02	0.01	
2398	2418	119.27	150	100	0.88	0	0	
2399	2419	68.62	100	100	37.39	0.06	0.09	
2400	2420	398.24	2400	100	429176.70	1.1	0.58	
2401	2422	191.16	100	100	83.72	0.12	0.41	
2402	2423	147.03	300	100	866.23	0.14	0.15	
2403	2424	68.81	80	100	667.58	1.54	56.97	
2404	2425	104.25	80	100	10.54	0.02	0.03	
2405	2426	80.68	80	100	150.64	0.35	3.62	
2406	2427	101.25	80	100	264.94	0.61	10.29	
2407	2428	202.4	80	100	45.89	0.11	0.4	
2408	2429	219.28	80	100	45.94	0.11	0.4	
2409	2430	211.08	80	100	47.14	0.11	0.42	
2410	2431	54.81	80	100	635.45	1.46	51.99	
2411	2432	146.7	80	100	123.20	0.28	2.49	
2412	2433	66.24	80	100	259.81	0.6	9.92	
2413	2434	65.6	80	100	327.67	0.75	15.25	
2414	2435	187.7	80	100	108.27	0.25	1.96	
2415	2436	254.08	80	100	54.06	0.12	0.54	
2416	2437	52.51	80	100	42.79	0.1	0.35	
2417	2438	55.83	80	100	101.31	0.23	1.73	
2418	2439	37.74	80	100	79.53	0.18	1.11	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
2419	2440	91.14	80	100	18.99	0.04	0.08	
2420	2441	33.02	80	100	52.65	0.12	0.52	
2421	2442	61.9	80	100	37.39	0.09	0.27	
2422	2443	41.07	80	100	114.25	0.26	2.17	
2423	2444	47.78	80	100	203.27	0.47	6.3	
2424	2445	38	80	100	149.15	0.34	3.55	
2425	2446	58.77	80	100	80.29	0.18	1.13	
2426	2447	65.49	80	100	104.29	0.24	1.83	
2427	2448	144.75	80	100	60.51	0.14	0.67	
2428	2449	34.78	80	100	90.29	0.21	1.4	
2429	2450	38.2	80	100	20.08	0.05	0.09	
2430	2451	110.19	80	100	17.38	0.04	0.07	
2431	2452	35.03	80	100	64.21	0.15	0.75	
2432	2453	56.6	80	100	48.94	0.11	0.45	
2433	2454	39.64	80	100	20.21	0.05	0.09	
2434	2455	67.04	80	100	38.75	0.09	0.29	
2435	2456	40.6	80	100	23.36	0.05	0.11	
2436	2457	108.78	80	100	14.98	0.03	0.05	
2437	2458	106.11	80	100	59.96	0.14	0.66	
2438	2459	97.49	80	100	62.15	0.14	0.7	
2439	2460	47.12	80	100	32.93	0.08	0.22	
2440	2461	137.65	80	100	27.21	0.06	0.15	
2441	2462	124.79	80	100	443.42	1.02	26.7	
2442	2463	193.7	80	100	4.70	0.01	0.01	
2443	2464	72.86	80	100	23.01	0.05	0.11	
2444	2465	72.24	80	100	54.09	0.12	0.54	
2445	2466	69.63	80	100	66.46	0.15	0.79	
2446	2467	153.1	80	100	49.84	0.11	0.47	
2447	2468	106.63	80	100	41.25	0.09	0.33	
2448	2469	963.3	700	100	44823.59	1.35	3.55	
2449	16696	325.98	700	100	43653.73	1.31	3.38	
2450	2470	105.62	600	100	37564.33	1.54	5.43	
2451	2471	144.03	600	100	38198.11	1.56	5.6	
2452	2472	108.78	600	100	39826.57	1.63	6.05	
2453	2473	685.25	400	100	0.00	0	0	
2454	2474	99.19	400	100	6028.07	0.56	1.32	
2455	2475	83.28	350	100	5748.16	0.69	2.32	
2456	2476	104.95	350	100	6025.38	0.72	2.53	
2457	2477	56.2	350	100	844.81	0.1	0.07	
2458	2478	303.53	350	100	1868.53	0.22	0.29	
2459	2479	52.05	350	100	850.10	0.1	0.07	
2460	2480	206.45	350	100	5838.47	0.7	2.39	
2461	2481	9.5	350	100	8213.02	0.99	4.49	
2462	2482	38.63	350	100	5885.87	0.71	2.42	
2463	2483	87.45	300	100	864.26	0.14	0.15	
2464	2484	28.92	300	100	127.50	0.02	0	
2465	2485	96.74	300	100	24.37	0	0	
2466	2486	103.08	300	100	1136.92	0.19	0.24	
2467	2487	33.3	300	100	1407.50	0.23	0.36	
2468	2488	34.28	300	100	960.64	0.16	0.18	
2469	2489	48.96	300	100	1548.12	0.25	0.43	
2470	2490	30.98	300	100	570.66	0.09	0.07	
2471	2491	27.32	300	100	4.39	0	0	
2472	2492	38.17	300	100	587.46	0.1	0.07	
2473	2493	36.55	300	100	699.41	0.11	0.1	
2474	2494	40.41	300	100	483.69	0.08	0.05	
2475	2495	180.59	250	100	509.55	0.12	0.13	
2476	2496	65.4	250	100	26.36	0.01	0	
2477	2497	242.39	250	100	691.57	0.16	0.24	
2478	2498	91.25	250	100	36.36	0.01	0	
2479	2499	38.34	250	100	291.88	0.07	0.05	
2480	2500	33.96	250	100	192.05	0.05	0.02	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
2481	2501	59.64	250	100	325.31	0.08	0.06	
2482	2502	58.81	250	100	2.66	0	0	
2483	2503	174.39	2400	100	300519.50	0.77	0.3	
2484	2504	97.88	200	100	530.50	0.2	0.43	
2485	2505	116.09	200	100	4672.49	1.72	24.12	
2486	2506	70.85	200	100	174.22	0.06	0.05	
2487	2507	86.49	200	100	40.55	0.01	0	
2488	2508	32.33	200	100	51.83	0.02	0.01	
2489	2509	29.55	200	100	424.30	0.16	0.28	
2490	2510	39.75	200	100	248.39	0.09	0.11	
2491	2511	97.01	200	100	446.86	0.16	0.31	
2492	2512	56.03	200	100	99.84	0.04	0.02	
2493	2513	36.05	200	100	65.75	0.02	0.01	
2494	2514	275.69	200	100	1020.22	0.38	1.44	
2495	2515	160.89	200	100	513.72	0.19	0.4	
2496	2516	107.19	200	100	413.10	0.15	0.27	
2497	2517	113.52	200	100	137.45	0.05	0.04	
2498	2518	130.33	200	100	378.32	0.14	0.23	
2499	2519	175.7	200	100	651.11	0.24	0.63	
2500	2520	254.44	200	100	766.81	0.28	0.85	
2501	2521	18.39	200	100	119.73	0.04	0.03	
2502	2522	77.62	200	100	1811.49	0.67	4.17	
2503	2523	45.97	1800	100	300500.90	1.37	1.21	
2504	2524	324.8	1500	100	167166.20	1.09	0.99	
2505	2525	58.98	1500	100	16000.30	0.1	0.01	
2506	2526	162.98	1500	100	109.62	0	0	
2507	2527	140.98	1500	100	171864.80	1.13	1.05	
2508	2528	6.19	150	100	3042.30	1.99	44.23	
2509	2529	77.51	150	100	281.71	0.18	0.54	
2510	2530	111.17	150	100	304.59	0.2	0.62	
2511	2531	73.73	150	100	328.41	0.22	0.72	
2512	2532	70.2	150	100	484.36	0.32	1.47	
2513	2533	15.43	150	100	345.21	0.23	0.79	
2514	2534	75.08	150	100	166.43	0.11	0.2	
2515	2535	129.16	150	100	375.46	0.25	0.92	
2516	2536	259.91	150	100	173.70	0.11	0.22	
2517	2537	87.76	150	100	200.69	0.13	0.29	
2518	2538	118.35	150	100	66.77	0.04	0.04	
2519	2539	116.81	150	100	98.32	0.06	0.08	
2520	2540	36.88	150	100	666.38	0.44	2.66	
2521	2541	57.89	150	100	506.53	0.33	1.6	
2522	2542	74.47	150	100	443.00	0.29	1.25	
2523	2543	93.4	150	100	22.34	0.01	0	
2524	2544	39.3	150	100	174.84	0.11	0.22	
2525	2545	70.33	150	100	1344.54	0.88	9.75	
2526	2546	71.63	150	100	502.12	0.33	1.57	
2527	2547	78.64	150	100	374.91	0.25	0.92	
2528	2548	113.66	150	100	432.77	0.28	1.19	
2529	2549	27.7	150	100	727.27	0.48	3.12	
2530	2550	38.31	150	100	1011.90	0.66	5.76	
2531	2551	19.51	150	100	2173.39	1.42	23.73	
2532	2552	148.46	150	100	914.37	0.6	4.77	
2533	2553	37.16	150	100	416.03	0.27	1.11	
2534	2554	72.62	150	100	238.46	0.16	0.4	
2535	2555	79.81	150	100	578.01	0.38	2.04	
2536	2556	79.32	150	100	634.69	0.42	2.43	
2537	2557	53.04	150	100	611.39	0.4	2.27	
2538	2558	116.8	150	100	356.03	0.23	0.83	
2539	2559	96.3	150	100	59.20	0.04	0.03	
2540	2560	143.09	150	100	143.71	0.09	0.16	
2541	2561	98.2	150	100	221.74	0.15	0.35	
2542	2562	144.76	150	100	325.79	0.21	0.71	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
2543	2563	82.07	150	100	38.15	0.02	0.01	
2544	2564	193.67	150	100	116.83	0.08	0.11	
2545	2565	64.5	150	100	214.42	0.14	0.33	
2546	2566	65.32	150	100	30.31	0.02	0.01	
2547	2567	57.72	150	100	24.72	0.02	0.01	
2548	2568	136.65	150	100	84.75	0.06	0.06	
2549	2569	59.3	150	100	156.14	0.1	0.18	
2550	2570	54.09	150	100	65.74	0.04	0.04	
2551	2571	459.24	1350	100	127284.00	1.03	1	
2552	2572	107.63	1100	100	76497.98	0.93	1.06	
2553	2573	154.78	1100	100	78914.50	0.96	1.12	
2554	2574	203.63	1100	100	75861.28	0.92	1.04	
2555	2575	114.97	1100	100	75429.59	0.92	1.03	
2556	2576	157.32	1100	100	74705.49	0.91	1.01	
2557	2577	226.89	1100	100	127813.20	1.56	2.74	
2558	2578	164.66	1000	100	43653.73	0.64	0.6	
2559	2579	211	100	100	15.64	0.02	0.02	
2560	2580	229.62	100	100	18.36	0.03	0.02	
2561	2581	267.79	100	100	163.89	0.24	1.43	
2562	2582	167.94	100	100	177.86	0.26	1.66	
2563	2583	311.02	100	100	68.36	0.1	0.28	
2564	2584	29.46	100	100	433.91	0.64	8.65	
2565	2585	98.61	100	100	210.14	0.31	2.26	
2566	2586	87.11	100	100	106.50	0.16	0.64	
2567	2587	68.93	100	100	62.36	0.09	0.24	
2568	2588	64.07	100	100	414.24	0.61	7.94	
2569	2589	118.45	100	100	37.63	0.06	0.09	
2570	2590	90.83	100	100	64.23	0.09	0.25	
2571	2591	60.74	100	100	106.44	0.16	0.64	
2572	2592	140.35	100	100	83.81	0.12	0.41	
2573	2593	195.01	100	100	69.83	0.1	0.29	
2574	2594	73.86	100	100	65.56	0.1	0.26	
2575	2595	61.03	100	100	165.06	0.24	1.44	
2576	2596	59.66	100	100	353.19	0.52	5.91	
2577	2597	45.68	100	100	150.04	0.22	1.21	
2578	2598	142.71	100	100	160.37	0.24	1.37	
2579	2599	200.86	100	100	1074.36	1.58	46.38	
2580	2600	312.93	100	100	41.75	0.06	0.11	
2581	2601	87.78	100	100	0.00	0	0	
2582	2602	118.88	100	100	2.82	0	0	
2583	2603	146.13	100	100	29.99	0.04	0.06	
2584	2604	121.25	100	100	4.11	0.01	0	
2585	2605	31.61	100	100	16.58	0.02	0.02	
2586	2606	34.61	100	100	26.04	0.04	0.05	
2587	2607	113.39	100	100	342.18	0.5	5.57	
2588	2608	79.09	100	100	703.83	1.04	21.19	
2589	2609	109.79	100	100	18.07	0.03	0.02	
2590	2610	79.63	100	100	0.00	0	0	
2591	2611	41.06	100	100	34.08	0.05	0.08	
2592	2612	79.92	100	100	39.68	0.06	0.1	
2593	2613	151	100	100	398.29	0.59	7.38	
2594	2614	178.08	100	100	315.66	0.47	4.8	
2595	2615	149.36	100	100	351.93	0.52	5.87	
2596	2616	74.14	100	100	12.26	0.02	0.01	
2597	2617	93.5	100	100	108.78	0.16	0.67	
2598	2618	123.17	100	100	12.11	0.02	0.01	
2599	2619	32.36	100	100	216.81	0.32	2.39	
2600	2620	194.65	100	100	235.46	0.35	2.79	
2601	2621	125.51	100	100	184.74	0.27	1.78	
2602	2622	228.62	100	100	92.01	0.14	0.49	
2603	2623	48.5	100	100	156.93	0.23	1.32	
2604	2624	55.94	100	100	193.07	0.28	1.93	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
2605	2625	152.78	100	100	68.35	0.1	0.28	
2606	2626	169.53	100	100	148.43	0.22	1.19	
2607	2627	130.14	100	100	116.60	0.17	0.76	
2608	2628	149.36	100	100	54.01	0.08	0.18	
2609	2629	206.68	100	100	31.53	0.05	0.07	
2610	2630	128.05	100	100	33.75	0.05	0.08	
2611	2631	15.71	100	100	373.29	0.55	6.55	
2612	2632	35.19	100	100	143.19	0.21	1.11	
2613	2633	126.42	100	100	208.06	0.31	2.22	
2614	2634	76.78	100	100	449.75	0.66	9.25	
2615	2635	83.14	100	100	34.09	0.05	0.08	
2616	2636	148.39	100	100	376.99	0.56	6.67	
2617	2637	136.71	100	100	67.52	0.1	0.28	
2618	2638	178.65	100	100	20.72	0.03	0.03	
2619	2639	115.95	100	100	34.06	0.05	0.08	
2620	2640	13.8	150	100	724.35	0.47	3.1	
2621	2641	6.62	150	100	146.71	0.1	0.16	
2622	2642	279.67	150	100	196.35	0.13	0.28	
2623	2643	69.01	150	100	138.88	0.09	0.15	
2624	2644	3.96	300	100	2333.61	0.38	0.93	
2625	2645	78.13	300	100	1427.55	0.23	0.37	
2626	2646	2.83	150	100	457.59	0.3	1.32	
2627	2647	233.71	400	100	2118.22	0.2	0.19	
2628	2648	248.25	80	100	52.54	0.12	0.51	
2629	2649	193.71	150	100	45.09	0.03	0.02	
2630	2650	52.49	200	100	2581.88	0.95	8.04	
2631	2651	469.65	300	100	1600.44	0.26	0.46	
2632	2652	33.05	150	100	326.61	0.21	0.71	
2633	2653	35.74	150	100	468.21	0.31	1.38	
2634	2654	81.87	150	100	305.84	0.2	0.63	
2635	2655	43.6	100	100	94.25	0.14	0.51	
2636	2656	1.22	150	100	66.35	0.04	0.04	
2637	2657	480.22	400	100	1415.50	0.13	0.09	
2638	2658	93.43	150	100	329.39	0.22	0.72	
2639	2659	7.29	300	100	2299.74	0.38	0.9	
2640	2660	84.29	80	100	130.05	0.3	2.75	
2641	2661	13.42	300	100	1846.80	0.3	0.6	
2642	2662	16.76	300	100	2679.82	0.44	1.19	
2643	2663	1.6	300	100	4373.57	0.72	2.96	
2644	2664	279	400	100	2901.34	0.27	0.34	
2645	2665	1.65	150	100	1245.02	0.82	8.46	
2646	2666	125.25	100	100	134.92	0.2	0.99	
2647	2667	153.82	80	100	46.21	0.11	0.41	
2648	2668	4.61	150	100	388.63	0.25	0.98	
2649	2669	105.67	80	100	78.72	0.18	1.09	
2650	2670	74.97	80	100	95.20	0.22	1.55	
2651	2671	10.44	100	100	407.85	0.6	7.71	
2652	2672	6.78	100	100	1107.81	1.63	49.09	
2653	2673	4.9	250	100	418.24	0.1	0.09	
2654	2674	7.25	150	100	1079.28	0.71	6.49	
2655	2675	3.64	100	100	1305.33	1.92	66.52	
2656	2676	43.47	500	100	5637.42	0.33	0.39	
2657	2677	27.24	500	100	17905.84	1.06	3.35	
2658	2678	85.55	100	100	180.14	0.27	1.7	
2659	2679	59.03	100	100	83.43	0.12	0.41	
2660	2680	100.87	100	100	9.99	0.01	0.01	
2661	2681	14.77	1350	100	64328.70	0.52	0.28	
2662	2682	5	350	100	2786.60	0.34	0.61	
2663	2683	14.43	350	100	175.67	0.02	0	
2664	2684	4.32	350	100	3703.88	0.45	1.03	
2665	2685	6.82	350	100	741.60	0.09	0.05	
2666	2686	41.54	100	100	43.96	0.06	0.12	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
2667	2687	123.29	150	100	63.23	0.04	0.03	
2668	2688	10.01	250	100	76.04	0.02	0	
2669	2689	143.66	150	100	26.74	0.02	0.01	
2670	2690	5.13	150	100	410.01	0.27	1.08	
2671	2691	85.06	100	100	9.84	0.01	0.01	
2672	2692	4.6	200	100	789.22	0.29	0.9	
2673	2693	2.38	250	100	3086.08	0.73	3.77	
2674	2694	320.85	900	100	2490.13	0.05	0	
2675	2695	64.05	800	100	4950.13	0.11	0.03	
2676	2696	214.79	800	100	992.60	0.02	0	
2677	2697	127.8	800	100	1977.59	0.05	0.01	
2678	2698	84.25	80	100	16.21	0.04	0.06	
2679	2699	56.8	80	100	34.68	0.08	0.24	
2680	2700	32.94	80	100	9.58	0.02	0.02	
2681	2701	205.9	80	100	8.41	0.02	0.02	
2682	2702	82.04	80	100	164.73	0.38	4.27	
2683	2703	114.94	80	100	5.15	0.01	0.01	
2684	2704	28.27	80	100	20.38	0.05	0.09	
2685	2705	54.13	80	100	31.47	0.07	0.2	
2686	2706	78.53	80	100	81.59	0.19	1.16	
2687	2707	57.91	80	100	229.84	0.53	7.91	
2688	2708	120.16	80	100	51.64	0.12	0.5	
2689	2709	119.01	80	100	78.60	0.18	1.08	
2690	2710	57.85	80	100	25.55	0.06	0.14	
2691	2711	58	80	100	22.58	0.05	0.11	
2692	2712	27.81	80	100	178.97	0.41	4.98	
2693	2713	134.67	80	100	79.24	0.18	1.1	
2694	2714	34.86	80	100	69.09	0.16	0.85	
2695	2715	33.18	80	100	71.17	0.16	0.9	
2696	2716	40.34	80	100	206.33	0.48	6.47	
2697	2717	28.78	80	100	80.89	0.19	1.14	
2698	2718	102.27	80	100	104.37	0.24	1.83	
2699	2719	103.15	80	100	42.36	0.1	0.34	
2700	2720	146.26	80	100	44.38	0.1	0.38	
2701	2721	108.12	80	100	83.51	0.19	1.21	
2702	2722	117.38	80	100	76.70	0.18	1.04	
2703	2723	96.41	80	100	37.43	0.09	0.27	
2704	2724	36.41	80	100	51.83	0.12	0.5	
2705	2725	42.48	80	100	65.28	0.15	0.77	
2706	2726	128.25	80	100	84.48	0.19	1.24	
2707	2727	37.4	80	100	57.56	0.13	0.61	
2708	2728	38.58	80	100	339.80	0.78	16.31	
2709	2729	35.79	80	100	231.93	0.53	8.04	
2710	2730	43.24	80	100	341.79	0.79	16.49	
2711	2731	126.85	80	100	14.51	0.03	0.05	
2712	2732	141.46	80	100	34.44	0.08	0.24	
2713	2733	41.19	80	100	21.37	0.05	0.1	
2714	2734	39.61	80	100	75.64	0.17	1.01	
2715	2735	125.63	80	100	56.20	0.13	0.58	
2716	2736	247.88	100	100	54.66	0.08	0.19	
2717	2737	131.92	80	100	44.18	0.1	0.37	
2718	2738	115.6	80	100	58.83	0.14	0.63	
2719	2739	68.4	80	100	22.56	0.05	0.11	
2720	2740	195.15	80	100	3.97	0.01	0	
2721	2741	108.5	80	100	98.18	0.23	1.64	
2722	2742	53.6	80	100	17.74	0.04	0.07	
2723	2743	37.17	80	100	34.59	0.08	0.24	
2724	2744	107.47	100	100	47.81	0.07	0.15	
2725	2745	101.38	80	100	42.76	0.1	0.35	
2726	2746	91.05	80	100	196.31	0.45	5.9	
2727	2747	145.85	80	100	7.47	0.02	0.01	
2728	2748	188.81	80	100	54.00	0.12	0.54	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
2729	2749	98.71	80	100	45.93	0.11	0.4	
2730	2750	123.05	80	100	3.09	0.01	0	
2731	2751	186.37	80	100	8.09	0.02	0.02	
2732	2752	120.31	80	100	19.49	0.04	0.08	
2733	2753	136.55	80	100	19.36	0.04	0.08	
2734	2754	152.75	150	100	9.84	0.01	0	
2735	2755	121.98	80	100	1.42	0	0	
2736	2756	53.96	700	100	23865.04	0.72	1.11	
2737	2757	140.26	700	100	26056.60	0.78	1.3	
2738	2758	64.36	700	100	24110.11	0.73	1.13	
2739	2759	44.48	700	100	25812.21	0.78	1.28	
2740	2760	229.09	700	100	2650.39	0.08	0.02	
2741	2761	107.08	600	100	6819.53	0.28	0.23	
2742	2762	114.39	600	100	7297.08	0.3	0.26	
2743	2763	115.17	600	100	29114.67	1.19	3.39	
2744	2764	43.26	600	100	5696.86	0.23	0.16	
2745	2765	63.71	600	100	1513.18	0.06	0.01	
2746	2766	205.49	600	100	1302.71	0.05	0.01	
2747	2767	243.6	600	100	2276.35	0.09	0.03	
2748	2768	148.39	600	100	7969.14	0.33	0.31	
2749	2769	108.51	600	100	7905.65	0.32	0.3	
2750	2770	126.71	600	100	8213.80	0.34	0.33	
2751	2771	59.09	600	100	9003.02	0.37	0.39	
2752	2772	84.72	600	100	7896.08	0.32	0.3	
2753	2773	477.52	600	100	6172.68	0.25	0.19	
2754	2774	868.64	500	100	1479.88	0.09	0.03	
2755	2775	240.73	500	100	10277.48	0.61	1.2	
2756	2776	168.37	500	100	10475.91	0.62	1.24	
2757	2777	643.56	500	100	2448.80	0.14	0.08	
2758	2778	312.53	500	100	6659.80	0.39	0.54	
2759	2779	1413.72	500	100	3737.15	0.22	0.18	
2760	2780	402.47	500	100	6169.77	0.36	0.47	
2761	2781	225.92	500	100	13426.22	0.79	1.96	
2762	2782	202.44	500	100	8960.97	0.53	0.93	
2763	2783	63.3	500	100	8503.38	0.5	0.84	
2764	2784	9.95	500	100	5215.52	0.31	0.34	
2765	2785	42.01	500	100	11637.69	0.69	1.51	
2766	2786	139.55	500	100	11939.01	0.7	1.58	
2767	2787	212.47	500	100	12949.91	0.76	1.84	
2768	2788	188.28	500	100	5179.40	0.31	0.34	
2769	2789	217.73	400	100	1438.92	0.13	0.09	
2770	2790	66.64	400	100	1219.06	0.11	0.07	
2771	2791	60.4	400	100	1113.08	0.1	0.06	
2772	2792	68.57	400	100	376.82	0.03	0.01	
2773	2793	237.72	400	100	5904.35	0.54	1.27	
2774	2794	67.22	400	100	2923.58	0.27	0.35	
2775	2795	151.15	400	100	2509.24	0.23	0.26	
2776	2796	278.63	400	100	143.70	0.01	0	
2777	2797	484.4	300	100	1059.28	0.17	0.21	
2778	2798	81.47	400	100	1231.26	0.11	0.07	
2779	2799	131.87	400	100	1063.35	0.1	0.05	
2780	2800	113.2	400	100	1403.84	0.13	0.09	
2781	2801	207.9	400	100	1141.44	0.11	0.06	
2782	2802	79.5	400	100	982.25	0.09	0.05	
2783	2803	146.37	400	100	3366.56	0.31	0.45	
2784	2804	104.56	400	100	3249.35	0.3	0.42	
2785	2805	142.68	400	100	1641.95	0.15	0.12	
2786	2806	5.92	400	100	1107.81	0.1	0.06	
2787	2807	128.32	400	100	867.57	0.08	0.04	
2788	2808	21.52	400	100	3910.36	0.36	0.59	
2789	2809	155.49	400	100	4931.93	0.45	0.91	
2790	2810	131.43	400	100	3614.56	0.33	0.51	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
2791	2811	932.9	400	100	0.00	0	0	
2792	2812	49.69	400	100	355.40	0.03	0.01	
2793	2813	221.71	400	100	2950.51	0.27	0.35	
2794	2814	285.4	400	100	1650.74	0.15	0.12	
2795	2815	143.29	400	100	3191.72	0.29	0.41	
2796	2816	53.07	400	100	2759.74	0.25	0.31	
2797	2817	822.27	400	100	568.62	0.05	0.02	
2798	2818	36.15	400	100	3571.88	0.33	0.5	
2799	2819	20.98	400	100	3518.75	0.32	0.49	
2800	2820	340.6	400	100	1481.08	0.14	0.1	
2801	2821	25.22	400	100	252.96	0.02	0	
2802	2822	20.99	400	100	4173.35	0.38	0.67	
2803	2823	29.17	400	100	2014.63	0.19	0.17	
2804	2824	63.36	400	100	2296.62	0.21	0.22	
2805	2825	122.6	400	100	2030.48	0.19	0.18	
2806	2826	486.21	400	100	3251.90	0.3	0.42	
2807	2827	278.3	400	100	1429.75	0.13	0.09	
2808	2828	477.91	400	100	2318.47	0.21	0.23	
2809	2829	128.51	400	100	3819.32	0.35	0.57	
2810	2830	126.73	400	100	3874.24	0.36	0.58	
2811	2831	25.44	400	100	5497.11	0.51	1.11	
2812	2832	81.24	400	100	5030.20	0.46	0.94	
2813	2833	260.38	400	100	3919.54	0.36	0.6	
2814	2834	42.46	350	100	1311.41	0.16	0.15	
2815	2835	43.74	400	100	2303.41	0.21	0.22	
2816	2836	125.57	350	100	1619.07	0.19	0.22	
2817	2837	76.51	350	100	682.09	0.08	0.04	
2818	2838	99.47	350	100	2962.27	0.36	0.68	
2819	2839	91.37	350	100	2119.63	0.25	0.37	
2820	2840	77.4	350	100	1945.13	0.23	0.31	
2821	2841	68.39	350	100	1799.21	0.22	0.27	
2822	2842	45.57	350	100	227.22	0.03	0.01	
2823	2843	25.48	350	100	5858.56	0.7	2.4	
2824	2844	439.78	300	100	1448.99	0.24	0.38	
2825	2845	313.86	300	100	3383.03	0.55	1.84	
2826	2846	436.42	300	100	103.69	0.02	0	
2827	2847	349.27	300	100	2535.99	0.42	1.08	
2828	2848	134.37	300	100	2983.83	0.49	1.46	
2829	2849	30.74	300	100	3234.61	0.53	1.69	
2830	2850	109.63	300	100	2656.57	0.43	1.18	
2831	2851	42.69	300	100	2689.07	0.44	1.2	
2832	2852	24.98	300	100	1106.52	0.18	0.23	
2833	2853	15.16	300	100	644.75	0.11	0.09	
2834	2854	36.16	300	100	1346.89	0.22	0.33	
2835	2855	166.61	300	100	338.26	0.06	0.03	
2836	2856	319.85	150	100	195.71	0.13	0.27	
2837	2857	626.26	300	100	3680.09	0.6	2.15	
2838	2858	967.29	300	100	2886.82	0.47	1.37	
2839	2859	181.98	300	100	276.52	0.05	0.02	
2840	2860	20.33	300	100	1044.28	0.17	0.21	
2841	2861	219.49	300	100	860.38	0.14	0.15	
2842	2862	249.96	300	100	1739.69	0.28	0.54	
2843	2863	123.15	300	100	777.20	0.13	0.12	
2844	2864	35.93	300	100	1842.86	0.3	0.6	
2845	2865	111.54	300	100	1842.86	0.3	0.6	
2846	2866	160.32	300	100	1842.86	0.3	0.6	
2847	2867	496.47	300	100	728.59	0.12	0.11	
2848	2868	402.7	300	100	297.59	0.05	0.02	
2849	2869	501.11	300	100	328.40	0.05	0.02	
2850	2870	268.79	300	100	2652.78	0.43	1.17	
2851	2871	64.83	300	100	1179.07	0.19	0.26	
2852	2872	268.51	300	100	2393.03	0.39	0.97	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
2853	2873	146.62	300	100	2189.33	0.36	0.82	
2854	2874	171.18	300	100	2566.17	0.42	1.1	
2855	2875	96.41	300	100	70.80	0.01	0	
2856	2876	472.54	300	100	276.43	0.05	0.02	
2857	2877	134.22	300	100	489.27	0.08	0.05	
2858	2878	277.39	300	100	1490.69	0.24	0.4	
2859	2879	43.19	300	100	546.05	0.09	0.06	
2860	2880	274.92	300	100	915.65	0.15	0.16	
2861	2881	99.11	300	100	3452.81	0.57	1.91	
2862	2882	192.89	300	100	580.81	0.1	0.07	
2863	2883	285.57	300	100	1499.64	0.25	0.41	
2864	2884	432.79	300	100	563.89	0.09	0.07	
2865	2885	57.48	300	100	691.08	0.11	0.1	
2866	2886	138.43	300	100	757.44	0.12	0.12	
2867	2887	333.26	300	100	740.35	0.12	0.11	
2868	2888	482.07	300	100	821.81	0.13	0.13	
2869	2889	176.13	300	100	1102.78	0.18	0.23	
2870	2890	238.96	300	100	242.32	0.04	0.01	
2871	2891	434.25	300	100	471.05	0.08	0.05	
2872	2892	281.26	300	100	851.61	0.14	0.14	
2873	2893	124.3	400	100	1056.65	0.1	0.05	
2874	2894	250.04	300	100	1386.03	0.23	0.35	
2875	2895	219.79	300	100	1103.76	0.18	0.23	
2876	2896	369.05	300	100	239.35	0.04	0.01	
2877	2897	69.9	300	100	2346.42	0.38	0.93	
2878	2898	144.28	300	100	243.75	0.04	0.01	
2879	2899	296.31	300	100	2125.09	0.35	0.78	
2880	2900	71.77	300	100	3464.28	0.57	1.92	
2881	2901	86.3	300	100	2123.16	0.35	0.78	
2882	2902	228.98	300	100	2038.83	0.33	0.72	
2883	2903	68.93	300	100	2058.85	0.34	0.73	
2884	2904	209.26	300	100	1558.58	0.26	0.44	
2885	2905	38.08	300	100	433.88	0.07	0.04	
2886	2906	98.1	300	100	1452.57	0.24	0.38	
2887	2907	104.02	300	100	380.38	0.06	0.03	
2888	2908	112.47	300	100	2781.73	0.46	1.28	
2889	2909	91.23	300	100	5089.22	0.83	3.92	
2890	2910	95.27	300	100	4270.74	0.7	2.83	
2891	2911	133.9	300	100	2451.67	0.4	1.01	
2892	2912	119.09	300	100	2364.36	0.39	0.95	
2893	2913	106.35	300	100	759.25	0.12	0.12	
2894	2914	31.24	300	100	5219.73	0.85	4.11	
2895	2915	199.21	300	100	754.68	0.12	0.11	
2896	2916	101.53	300	100	968.29	0.16	0.18	
2897	2917	11.37	250	100	605.40	0.14	0.18	
2898	2918	113.72	250	100	577.57	0.14	0.17	
2899	2919	84.36	250	100	796.53	0.19	0.31	
2900	2920	28.58	250	100	796.07	0.19	0.31	
2901	2921	95.84	250	100	2325.05	0.55	2.23	
2902	2922	114.23	250	100	580.32	0.14	0.17	
2903	2923	70.95	250	100	2540.86	0.6	2.63	
2904	2924	112.33	250	100	1015.59	0.24	0.48	
2905	2925	80.9	250	100	155.47	0.04	0.01	
2906	2926	89.94	250	100	235.05	0.06	0.03	
2907	2927	105.87	250	100	96.26	0.02	0.01	
2908	2928	113.14	250	100	94.29	0.02	0.01	
2909	2929	59.01	250	100	113.81	0.03	0.01	
2910	2930	146.8	250	100	231.24	0.05	0.03	
2911	2931	78.46	250	100	382.82	0.09	0.08	
2912	2932	78.24	250	100	464.09	0.11	0.11	
2913	2933	115.34	350	100	54.12	0.01	0	
2914	2934	124.23	250	100	12.95	0	0	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
2915	2935	98.49	250	100	67.43	0.02	0	
2916	2936	90.52	250	100	155.93	0.04	0.02	
2917	2937	56.16	250	100	327.88	0.08	0.06	
2918	2938	55.01	250	100	236.49	0.06	0.03	
2919	2939	46.56	250	100	415.20	0.1	0.09	
2920	2940	47.51	250	100	495.78	0.12	0.13	
2921	2941	183.89	250	100	456.72	0.11	0.11	
2922	2942	14.66	250	100	2828.63	0.67	3.21	
2923	2943	11.23	250	100	2548.92	0.6	2.65	
2924	2944	112.85	250	100	537.16	0.13	0.15	
2925	2945	119.23	250	100	325.24	0.08	0.06	
2926	2946	125.06	250	100	801.96	0.19	0.31	
2927	2947	137.96	250	100	677.41	0.16	0.23	
2928	2948	114.73	250	100	384.30	0.09	0.08	
2929	2949	139.87	250	100	516.40	0.12	0.14	
2930	2950	66.6	250	100	63.62	0.02	0	
2931	2951	147.66	250	100	325.91	0.08	0.06	
2932	2952	101.52	250	100	146.79	0.03	0.01	
2933	2953	233.1	250	100	2010.85	0.47	1.71	
2934	2954	16.85	250	100	603.84	0.14	0.18	
2935	2955	52.37	250	100	624.13	0.15	0.2	
2936	2956	363.72	200	100	461.77	0.17	0.33	
2937	2957	299.14	200	100	1492.00	0.55	2.91	
2938	2958	88.11	200	100	122.09	0.04	0.03	
2939	2959	73.36	200	100	72.08	0.03	0.01	
2940	2960	133.35	200	100	474.45	0.17	0.35	
2941	2961	88.48	200	100	720.40	0.27	0.76	
2942	2962	71.26	200	100	579.96	0.21	0.51	
2943	2963	205.22	200	100	748.60	0.28	0.81	
2944	2964	473.95	200	100	511.45	0.19	0.4	
2945	2965	99.85	200	100	1529.99	0.56	3.05	
2946	2966	35.07	200	100	1955.87	0.72	4.81	
2947	2967	121.17	200	100	1992.15	0.73	4.97	
2948	2968	36.98	200	100	2128.40	0.78	5.62	
2949	2969	113.47	200	100	90.99	0.03	0.02	
2950	2970	39.83	200	100	107.70	0.04	0.02	
2951	2971	36.43	200	100	19.44	0.01	0	
2952	2972	97.96	200	100	640.94	0.24	0.61	
2953	2973	137.93	200	100	283.43	0.1	0.13	
2954	2974	35.72	200	100	2070.48	0.76	5.34	
2955	2975	228.88	200	100	2721.09	1	8.86	
2956	2976	98.25	200	100	2975.77	1.1	10.46	
2957	2977	52.01	200	100	2259.73	0.83	6.28	
2958	2978	257.97	200	100	176.13	0.06	0.06	
2959	2979	261.55	200	100	1940.05	0.71	4.73	
2960	2980	82.36	200	100	1306.50	0.48	2.28	
2961	2981	269.91	200	100	651.24	0.24	0.63	
2962	2982	225.82	200	100	202.15	0.07	0.07	
2963	2983	107.47	200	100	2151.83	0.79	5.74	
2964	2984	101.38	200	100	1860.50	0.69	4.38	
2965	2985	92.28	200	100	330.61	0.12	0.18	
2966	2986	364.25	200	100	68.34	0.03	0.01	
2967	2987	275.71	200	100	519.51	0.19	0.41	
2968	2988	39.06	200	100	100.20	0.04	0.02	
2969	2989	72.6	200	100	421.37	0.16	0.28	
2970	2990	91.61	200	100	1096.23	0.4	1.65	
2971	2991	46.87	200	100	117.14	0.04	0.03	
2972	2992	37.99	200	100	81.59	0.03	0.01	
2973	2993	69.91	200	100	209.05	0.08	0.08	
2974	2994	25.46	200	100	743.29	0.27	0.8	
2975	2995	294.19	200	100	376.46	0.14	0.23	
2976	2996	56.2	200	100	285.33	0.11	0.14	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
2977	2997	424.36	200	100	339.95	0.13	0.19	
2978	2998	150.81	200	100	643.77	0.24	0.61	
2979	2999	195.71	200	100	303.59	0.11	0.15	
2980	3000	165.81	200	100	1407.00	0.52	2.61	
2981	3001	33.79	200	100	1050.18	0.39	1.52	
2982	3002	61.82	150	100	170.61	0.11	0.21	
2983	3003	56.88	150	100	218.04	0.14	0.34	
2984	3004	123.31	150	100	152.95	0.1	0.17	
2985	3005	205.67	150	100	5.63	0	0	
2986	3006	124.47	150	100	33.41	0.02	0.01	
2987	3007	380.63	150	100	264.85	0.17	0.48	
2988	3008	28.34	150	100	407.95	0.27	1.07	
2989	3009	155.92	150	100	488.57	0.32	1.5	
2990	3010	35.4	150	100	39.49	0.03	0.01	
2991	3011	61.12	150	100	773.70	0.51	3.5	
2992	3012	333.91	150	100	32.26	0.02	0.01	
2993	3013	537.82	150	100	3.73	0	0	
2994	3014	256.24	150	100	391.55	0.26	0.99	
2995	3015	159.91	150	100	552.35	0.36	1.88	
2996	3016	37.62	150	100	294.20	0.19	0.58	
2997	3017	37.52	150	100	196.67	0.13	0.28	
2998	3018	39.51	150	100	106.03	0.07	0.09	
2999	3019	41.45	150	100	125.58	0.08	0.12	
3000	3020	35.35	150	100	57.12	0.04	0.03	
3001	3021	285.43	150	100	461.66	0.3	1.35	
3002	3022	58.36	150	100	844.80	0.55	4.12	
3003	3023	271.94	150	100	124.13	0.08	0.12	
3004	3024	112.82	150	100	48.21	0.03	0.02	
3005	3025	54.41	150	100	215.80	0.14	0.33	
3006	3026	103.11	150	100	132.52	0.09	0.13	
3007	3027	172.23	150	100	468.18	0.31	1.38	
3008	3028	31.6	150	100	352.32	0.23	0.82	
3009	3029	380.47	150	100	95.40	0.06	0.07	
3010	3030	111.3	150	100	478.93	0.31	1.44	
3011	3031	157.62	150	100	29.43	0.02	0.01	
3012	3032	60.17	150	100	464.31	0.3	1.36	
3013	3033	109.99	150	100	322.53	0.21	0.69	
3014	3034	19.94	150	100	29.78	0.02	0.01	
3015	3035	218.6	150	100	241.72	0.16	0.41	
3016	3036	91.69	150	100	500.46	0.33	1.56	
3017	3037	62.23	150	100	811.70	0.53	3.83	
3018	3038	18.58	150	100	127.05	0.08	0.12	
3019	3039	101.25	150	100	323.78	0.21	0.7	
3020	3040	154.33	150	100	407.03	0.27	1.07	
3021	3041	157.93	150	100	285.75	0.19	0.55	
3022	3042	55.3	150	100	352.77	0.23	0.82	
3023	3043	139.85	150	100	609.01	0.4	2.25	
3024	3044	131.62	150	100	234.56	0.15	0.38	
3025	3045	302.14	150	100	316.80	0.21	0.67	
3026	3046	115.43	150	100	555.41	0.36	1.9	
3027	3047	39.17	150	100	421.33	0.28	1.14	
3028	3048	473.41	150	100	106.71	0.07	0.09	
3029	3049	101.4	150	100	260.55	0.17	0.47	
3030	3050	193.09	150	100	349.33	0.23	0.8	
3031	3051	247.92	150	100	620.43	0.41	2.33	
3032	3052	192.73	150	100	99.86	0.07	0.08	
3033	3053	103.96	150	100	894.61	0.59	4.58	
3034	3054	103.73	150	100	831.62	0.54	4	
3035	3055	90.05	150	100	227.66	0.15	0.36	
3036	3056	192.12	150	100	39.07	0.03	0.01	
3037	3057	70.26	150	100	105.86	0.07	0.09	
3038	3058	123.46	150	100	126.48	0.08	0.12	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
3039	3059	42.35	150	100	281.32	0.18	0.54	
3040	3060	10.42	150	100	459.74	0.3	1.34	
3041	3061	177.38	150	100	234.57	0.15	0.38	
3042	3062	50.43	150	100	135.32	0.09	0.14	
3043	3063	374.41	150	100	193.99	0.13	0.27	
3044	3064	58.06	150	100	110.54	0.07	0.1	
3045	3065	42.74	150	100	43.13	0.03	0.02	
3046	3066	43.45	150	100	157.29	0.1	0.18	
3047	3067	81.5	150	100	184.24	0.12	0.25	
3048	3068	299.36	150	100	140.40	0.09	0.15	
3049	3069	78.86	150	100	190.27	0.12	0.26	
3050	3070	614.25	150	100	158.23	0.1	0.19	
3051	3071	249.28	150	100	81.97	0.05	0.05	
3052	3072	123.69	150	100	369.80	0.24	0.89	
3053	3073	20.6	150	100	505.41	0.33	1.59	
3054	3074	41.88	150	100	319.17	0.21	0.68	
3055	3075	45.33	150	100	140.97	0.09	0.15	
3056	3076	242.74	150	100	439.48	0.29	1.23	
3057	3077	29.87	150	100	642.68	0.42	2.48	
3058	3078	10.63	150	100	610.75	0.4	2.26	
3059	3079	100.99	150	100	634.72	0.42	2.43	
3060	3080	109.18	150	100	186.34	0.12	0.25	
3061	3081	69.71	150	100	458.82	0.3	1.33	
3062	3082	136.72	150	100	527.61	0.35	1.72	
3063	3083	65.87	150	100	563.69	0.37	1.95	
3064	3084	105.69	150	100	221.79	0.15	0.35	
3065	3085	176.98	150	100	207.52	0.14	0.31	
3066	3086	95.73	150	100	1310.09	0.86	9.29	
3067	3087	122.66	150	100	664.62	0.44	2.64	
3068	3088	275.56	150	100	307.19	0.2	0.63	
3069	3089	139.59	150	100	263.56	0.17	0.48	
3070	3090	97.41	150	100	208.37	0.14	0.31	
3071	3091	97.67	150	100	326.15	0.21	0.71	
3072	3092	63.91	150	100	356.25	0.23	0.83	
3073	3093	71.21	150	100	360.16	0.24	0.85	
3074	3094	202	150	100	377.19	0.25	0.93	
3075	3095	73.25	150	100	507.44	0.33	1.6	
3076	3096	121.74	150	100	298.23	0.2	0.6	
3077	3097	70.85	150	100	268.42	0.18	0.49	
3078	3098	163.73	150	100	110.68	0.07	0.1	
3079	3099	63.29	150	100	55.58	0.04	0.03	
3080	3100	32.1	150	100	491.37	0.32	1.51	
3081	3101	157.47	150	100	309.17	0.2	0.64	
3082	3102	68.04	150	100	240.60	0.16	0.4	
3083	3103	163.73	150	100	74.40	0.05	0.05	
3084	3104	57.81	150	100	264.10	0.17	0.48	
3085	3105	420.61	150	100	166.73	0.11	0.2	
3086	3106	144.65	150	100	207.82	0.14	0.31	
3087	3107	67.77	150	100	161.56	0.11	0.19	
3088	3108	409.65	150	100	283.49	0.19	0.55	
3089	3109	144.77	150	100	76.07	0.05	0.05	
3090	3110	342.77	150	100	13.92	0.01	0	
3091	3111	67.48	150	100	91.50	0.06	0.07	
3092	3112	207.55	150	100	155.92	0.1	0.18	
3093	3113	69.88	150	100	107.36	0.07	0.09	
3094	3114	68.48	150	100	188.10	0.12	0.26	
3095	3115	235.69	150	100	201.39	0.13	0.29	
3096	3116	67.68	150	100	371.62	0.24	0.9	
3097	3117	76.08	150	100	216.60	0.14	0.33	
3098	3118	585.85	150	100	123.16	0.08	0.12	
3099	3119	712.77	150	100	106.95	0.07	0.09	
3100	3120	135.34	150	100	176.29	0.12	0.23	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
3101	3121	152.56	150	100	98.97	0.06	0.08	
3102	3122	159.76	150	100	463.53	0.3	1.36	
3103	3123	66.62	150	100	108.82	0.07	0.09	
3104	3124	546.25	150	100	133.62	0.09	0.14	
3105	3125	75.65	150	100	525.38	0.34	1.71	
3106	3126	93.92	150	100	80.29	0.05	0.05	
3107	3127	63.79	150	100	128.18	0.08	0.13	
3108	3128	82.21	150	100	71.01	0.05	0.04	
3109	3129	21.1	150	100	58.33	0.04	0.03	
3110	3130	45.7	150	100	72.39	0.05	0.04	
3111	3131	71.92	150	100	65.08	0.04	0.04	
3112	3132	62.9	150	100	8.79	0.01	0	
3113	3133	27.03	150	100	54.87	0.04	0.03	
3114	3134	30.63	150	100	21.80	0.01	0	
3115	3135	52.93	150	100	48.44	0.03	0.02	
3116	3136	48.36	150	100	7.66	0.01	0	
3117	3137	55.64	150	100	5.97	0	0	
3118	3138	132.46	200	100	497.74	0.18	0.38	
3119	3139	112.53	150	100	127.82	0.08	0.12	
3120	3140	118.91	150	100	369.16	0.24	0.89	
3121	3141	84.42	150	100	371.42	0.24	0.9	
3122	3142	122.85	150	100	43.44	0.03	0.02	
3123	3143	194.74	150	100	114.38	0.07	0.1	
3124	3144	61.68	150	100	165.34	0.11	0.2	
3125	3145	71.2	150	100	22.32	0.01	0	
3126	3146	124.66	150	100	115.73	0.08	0.1	
3127	3147	130.99	150	100	242.89	0.16	0.41	
3128	3148	36.03	150	100	192.14	0.13	0.27	
3129	3149	15.29	150	100	195.02	0.13	0.27	
3130	3150	66.19	150	100	126.44	0.08	0.12	
3131	3151	68.88	150	100	16.06	0.01	0	
3132	3152	70.35	150	100	77.55	0.05	0.05	
3133	3153	82.56	150	100	74.86	0.05	0.05	
3134	3154	55.39	150	100	80.15	0.05	0.05	
3135	3155	59.95	150	100	115.02	0.08	0.1	
3136	3156	60.75	150	100	90.09	0.06	0.07	
3137	3157	37.5	150	100	152.52	0.1	0.17	
3138	3158	29.97	150	100	194.31	0.13	0.27	
3139	3159	24.56	150	100	1511.86	0.99	12.12	
3140	3160	60.02	150	100	497.89	0.33	1.55	
3141	3161	131.71	150	100	51.52	0.03	0.02	
3142	3162	126.37	150	100	108.90	0.07	0.09	
3143	3163	54.19	150	100	301.61	0.2	0.61	
3144	3164	54.64	150	100	99.38	0.07	0.08	
3145	3165	61.43	150	100	37.05	0.02	0.01	
3146	3166	71.54	150	100	127.33	0.08	0.12	
3147	3167	72.26	150	100	149.94	0.1	0.17	
3148	3168	81.99	150	100	144.40	0.09	0.16	
3149	3169	63.87	150	100	327.05	0.21	0.71	
3150	3170	66.72	150	100	252.59	0.17	0.44	
3151	3171	135.15	150	100	37.99	0.02	0.01	
3152	3172	66.59	150	100	304.40	0.2	0.62	
3153	3173	134.91	150	100	381.67	0.25	0.95	
3154	3174	55.3	150	100	316.66	0.21	0.67	
3155	3175	116.18	150	100	240.92	0.16	0.4	
3156	3176	57.57	150	100	699.94	0.46	2.91	
3157	3177	113.01	150	100	195.79	0.13	0.27	
3158	3178	4.2	150	100	91.23	0.06	0.07	
3159	3179	49.61	150	100	431.99	0.28	1.19	
3160	3180	66.38	150	100	182.34	0.12	0.24	
3161	3181	62.68	150	100	423.70	0.28	1.15	
3162	3182	65.86	150	100	177.50	0.12	0.23	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
3163	3183	51.88	150	100	23.37	0.02	0.01	
3164	3184	96.62	150	100	35.29	0.02	0.01	
3165	3185	52.54	150	100	255.44	0.17	0.45	
3166	3186	57.73	150	100	183.60	0.12	0.24	
3167	3187	169.65	150	100	217.06	0.14	0.33	
3168	3188	27.59	150	100	185.32	0.12	0.25	
3169	3189	74.95	150	100	275.72	0.18	0.52	
3170	3190	102.3	150	100	233.07	0.15	0.38	
3171	3191	51.86	150	100	281.43	0.18	0.54	
3172	3192	92.32	100	100	17.41	0.03	0.02	
3173	3193	58.74	150	100	218.12	0.14	0.34	
3174	3194	103.13	150	100	165.83	0.11	0.2	
3175	3195	22.06	150	100	197.23	0.13	0.28	
3176	3196	87.45	150	100	318.34	0.21	0.68	
3177	3197	55.59	150	100	405.33	0.27	1.06	
3178	3198	158.99	150	100	323.80	0.21	0.7	
3179	3199	38.23	150	100	395.49	0.26	1.01	
3180	3200	57.72	150	100	14.90	0.01	0	
3181	3201	57.09	150	100	128.23	0.08	0.13	
3182	3202	239.55	150	100	4.99	0	0	
3183	3203	57.54	150	100	60.83	0.04	0.03	
3184	3204	365.07	150	100	159.25	0.1	0.19	
3185	3205	264.86	150	100	13.25	0.01	0	
3186	3206	324.59	150	100	44.61	0.03	0.02	
3187	3207	138.55	150	100	152.48	0.1	0.17	
3188	3208	67.95	150	100	56.02	0.04	0.03	
3189	3209	188.54	150	100	159.28	0.1	0.19	
3190	3210	22.61	150	100	153.80	0.1	0.18	
3191	3211	62.99	150	100	212.95	0.14	0.32	
3192	3212	48.24	150	100	424.23	0.28	1.15	
3193	3213	27.86	150	100	275.19	0.18	0.52	
3194	3214	46.26	150	100	248.98	0.16	0.43	
3195	3215	63.61	150	100	356.73	0.23	0.84	
3196	3216	45.98	150	100	301.75	0.2	0.61	
3197	3217	48.22	150	100	88.84	0.06	0.06	
3198	3218	64.11	150	100	119.93	0.08	0.11	
3199	3219	108.5	150	100	272.06	0.18	0.51	
3200	3220	33.03	150	100	450.60	0.3	1.29	
3201	3221	97.4	150	100	488.47	0.32	1.49	
3202	3222	53.44	150	100	115.20	0.08	0.1	
3203	3223	80.81	150	100	306.94	0.2	0.63	
3204	3224	123.77	150	100	17.32	0.01	0	
3205	3225	89.98	150	100	184.28	0.12	0.25	
3206	3226	83.49	150	100	399.48	0.26	1.03	
3207	3227	67.44	150	100	328.73	0.22	0.72	
3208	3228	68.34	150	100	184.69	0.12	0.25	
3209	3229	38.18	150	100	804.56	0.53	3.77	
3210	3230	83.89	150	100	753.56	0.49	3.34	
3211	3231	214.71	150	100	161.22	0.11	0.19	
3212	3232	85	150	100	377.30	0.25	0.93	
3213	3233	77.69	150	100	36.98	0.02	0.01	
3214	3234	195.16	150	100	197.30	0.13	0.28	
3215	3235	207.43	150	100	150.59	0.1	0.17	
3216	3236	71.01	150	100	853.31	0.56	4.2	
3217	3237	172.97	150	100	262.44	0.17	0.47	
3218	3238	45.52	150	100	276.21	0.18	0.52	
3219	3239	424.48	150	100	131.76	0.09	0.13	
3220	3240	35.44	150	100	96.28	0.06	0.07	
3221	3241	100.45	150	100	394.81	0.26	1.01	
3222	3242	68.99	150	100	498.44	0.33	1.55	
3223	3243	146.73	150	100	444.62	0.29	1.26	
3224	3244	209.57	100	100	115.50	0.17	0.75	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
3225	3245	44.54	150	100	96.58	0.06	0.07	
3226	3246	43.45	150	100	478.92	0.31	1.44	
3227	3247	44.41	150	100	212.17	0.14	0.32	
3228	3248	41.71	150	100	353.60	0.23	0.82	
3229	3249	107.95	150	100	304.45	0.2	0.62	
3230	3250	86.8	150	100	126.54	0.08	0.12	
3231	3251	142.15	150	100	101.47	0.07	0.08	
3232	3252	28.13	150	100	251.22	0.16	0.44	
3233	3253	211.16	150	100	991.27	0.65	5.54	
3234	3254	77.52	150	100	396.26	0.26	1.01	
3235	3255	87.39	150	100	62.95	0.04	0.03	
3236	3256	70.28	150	100	48.55	0.03	0.02	
3237	3257	121.8	150	100	48.00	0.03	0.02	
3238	3258	109.29	150	100	107.82	0.07	0.09	
3239	3259	128.1	150	100	161.19	0.11	0.19	
3240	3260	63.57	150	100	364.05	0.24	0.87	
3241	3261	264.64	150	100	60.10	0.04	0.03	
3242	3262	202.33	150	100	117.95	0.08	0.11	
3243	3263	306.74	150	100	1144.85	0.75	7.24	
3244	3264	128.76	150	100	97.95	0.06	0.08	
3245	3265	65.74	150	100	69.94	0.05	0.04	
3246	3266	124.29	150	100	162.42	0.11	0.19	
3247	3267	723.07	1350	100	55325.68	0.45	0.21	
3248	3268	499.4	1350	100	51621.80	0.42	0.19	
3249	3269	172.83	1350	100	67414.77	0.55	0.31	
3250	3270	714.55	1350	100	33715.96	0.27	0.09	
3251	3271	29.22	1100	100	6610.10	0.08	0.01	
3252	3272	1820.24	1100	100	6055.63	0.07	0.01	
3253	3273	679.08	1100	100	5503.57	0.07	0.01	
3254	3274	34.35	100	100	46.67	0.07	0.14	
3255	3275	33.9	100	100	9.64	0.01	0.01	
3256	3276	53.14	100	100	80.19	0.12	0.38	
3257	3277	75.25	100	100	124.74	0.18	0.86	
3258	3278	92.18	100	100	224.69	0.33	2.56	
3259	3279	207.99	100	100	925.52	1.36	35.18	
3260	3280	51.87	100	100	15.40	0.02	0.02	
3261	3281	60.44	100	100	238.74	0.35	2.86	
3262	3282	62.49	100	100	385.72	0.57	6.96	
3263	3283	78.31	100	100	56.43	0.08	0.2	
3264	3284	121.22	100	100	208.56	0.31	2.23	
3265	3285	58.98	100	100	425.26	0.63	8.33	
3266	3286	43.21	100	100	296.32	0.44	4.27	
3267	3287	52.01	100	100	57.25	0.08	0.2	
3268	3288	113.47	100	100	154.34	0.23	1.28	
3269	3289	325.12	100	100	106.24	0.16	0.64	
3270	3290	56.28	100	100	3.97	0.01	0	
3271	3291	63.15	100	100	190.43	0.28	1.88	
3272	3292	42.66	100	100	86.62	0.13	0.44	
3273	3293	196.68	100	100	146.61	0.22	1.16	
3274	3294	38.02	100	100	296.35	0.44	4.27	
3275	3295	50.67	100	100	216.94	0.32	2.4	
3276	3296	43.73	100	100	200.40	0.3	2.07	
3277	3297	250.53	100	100	122.29	0.18	0.83	
3278	3298	178.54	100	100	140.19	0.21	1.07	
3279	3299	36.11	100	100	240.31	0.35	2.9	
3280	3300	73.26	100	100	287.44	0.42	4.03	
3281	3301	139.66	100	100	149.04	0.22	1.2	
3282	3302	40.05	100	100	141.23	0.21	1.08	
3283	3303	96.19	100	100	100.73	0.15	0.58	
3284	3304	170.62	100	100	40.31	0.06	0.11	
3285	3305	153.09	100	100	42.20	0.06	0.12	
3286	3306	37.3	100	100	213.29	0.31	2.32	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
3287	3307	39.76	100	100	182.62	0.27	1.74	
3288	3308	97.5	100	100	28.36	0.04	0.06	
3289	3309	98.71	100	100	0.70	0	0	
3290	3310	39.87	100	100	198.42	0.29	2.03	
3291	3311	130.07	100	100	41.72	0.06	0.11	
3292	3312	51.53	100	100	39.39	0.06	0.1	
3293	3313	38.31	100	100	39.61	0.06	0.1	
3294	3314	97.66	100	100	49.17	0.07	0.15	
3295	3315	78.05	100	100	12.29	0.02	0.01	
3296	3316	36.31	100	100	2.19	0	0	
3297	3317	38.76	100	100	60.02	0.09	0.22	
3298	3318	37.6	100	100	79.15	0.12	0.37	
3299	3319	98.11	100	100	37.01	0.05	0.09	
3300	3320	98	100	100	70.18	0.1	0.3	
3301	3321	85.38	100	100	21.97	0.03	0.03	
3302	3322	126.65	100	100	33.99	0.05	0.08	
3303	3323	52.07	100	100	6.51	0.01	0	
3304	3324	115.95	100	100	19.88	0.03	0.03	
3305	3325	83.88	100	100	11.05	0.02	0.01	
3306	3326	127.45	100	100	1940.05	2.86	138.56	
3307	3327	69.3	100	100	382.16	0.56	6.84	
3308	3328	65.37	100	100	481.47	0.71	10.49	
3309	3329	110.04	100	100	79.30	0.12	0.37	
3310	3330	92.59	100	100	186.34	0.27	1.81	
3311	3331	36.01	100	100	360.31	0.53	6.13	
3312	3332	96.79	100	100	117.36	0.17	0.77	
3313	3333	65.48	100	100	534.79	0.79	12.74	
3314	3334	41.2	100	100	190.57	0.28	1.88	
3315	3335	60.03	100	100	179.11	0.26	1.68	
3316	3336	43.09	100	100	161.45	0.24	1.39	
3317	3337	35.34	100	100	357.40	0.53	6.04	
3318	3338	27.5	100	100	633.78	0.93	17.45	
3319	3339	123.01	100	100	207.91	0.31	2.21	
3320	3340	34.62	100	100	278.57	0.41	3.81	
3321	3341	60.72	100	100	553.78	0.82	13.59	
3322	3342	51.15	100	100	224.03	0.33	2.54	
3323	3343	114.62	100	100	104.41	0.15	0.62	
3324	3344	114.39	100	100	86.75	0.13	0.44	
3325	3345	103.33	100	100	102.39	0.15	0.6	
3326	3346	189.25	100	100	117.76	0.17	0.77	
3327	3347	109.99	100	100	358.46	0.53	6.07	
3328	3348	104.14	100	100	349.76	0.52	5.8	
3329	3349	102.54	100	100	557.72	0.82	13.77	
3330	3350	35.58	100	100	526.00	0.78	12.36	
3331	3351	44.09	100	100	613.26	0.9	16.42	
3332	3352	41.65	100	100	38.02	0.06	0.1	
3333	3353	35.81	100	100	300.73	0.44	4.39	
3334	3354	64.16	100	100	475.99	0.7	10.27	
3335	3355	155.88	100	100	74.21	0.11	0.33	
3336	3356	104.81	100	100	278.16	0.41	3.8	
3337	3357	43.03	100	100	204.70	0.3	2.15	
3338	3358	42.41	100	100	170.08	0.25	1.53	
3339	3359	97.53	100	100	141.55	0.21	1.09	
3340	3360	202.23	100	100	130.00	0.19	0.93	
3341	3361	68.65	100	100	281.15	0.41	3.87	
3342	3362	36.43	100	100	113.07	0.17	0.72	
3343	3363	86.58	100	100	127.17	0.19	0.89	
3344	3364	91.7	100	100	2.10	0	0	
3345	3365	36.93	100	100	219.75	0.32	2.45	
3346	3366	52.1	100	100	26.83	0.04	0.05	
3347	3367	44.98	100	100	40.90	0.06	0.11	
3348	3368	149.69	100	100	170.16	0.25	1.53	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
3349	3369	29.82	100	100	27.16	0.04	0.05	
3350	3370	92.4	100	100	111.51	0.16	0.7	
3351	3371	68.21	100	100	96.97	0.14	0.54	
3352	3372	68.31	100	100	345.37	0.51	5.67	
3353	3373	124.27	100	100	242.58	0.36	2.95	
3354	3374	23.01	100	100	636.71	0.94	17.6	
3355	3375	78.85	100	100	91.49	0.13	0.48	
3356	3376	91.04	100	100	85.55	0.13	0.43	
3357	3377	51.03	100	100	46.04	0.07	0.14	
3358	3378	36.15	100	100	125.10	0.18	0.86	
3359	3379	37.98	100	100	369.91	0.55	6.44	
3360	3380	40.12	100	100	249.65	0.37	3.11	
3361	3381	38.79	100	100	191.84	0.28	1.91	
3362	3382	37.67	100	100	97.63	0.14	0.55	
3363	3383	38.7	100	100	33.46	0.05	0.08	
3364	3384	37.54	100	100	39.48	0.06	0.1	
3365	3385	38.94	100	100	102.44	0.15	0.6	
3366	3386	39.58	100	100	192.87	0.28	1.93	
3367	3387	284.06	100	100	48.40	0.07	0.15	
3368	3388	221.57	100	100	112.93	0.17	0.72	
3369	3389	142.21	100	100	72.95	0.11	0.32	
3370	3390	124.76	100	100	79.94	0.12	0.38	
3371	3391	149.25	100	100	30.64	0.05	0.06	
3372	3392	75.99	100	100	85.93	0.13	0.43	
3373	3393	86.36	100	100	4.87	0.01	0	
3374	3394	156.61	100	100	88.49	0.13	0.46	
3375	3395	66.91	100	100	61.49	0.09	0.23	
3376	3396	91.08	100	100	96.87	0.14	0.54	
3377	3397	293.36	100	100	56.30	0.08	0.2	
3378	3398	282.97	100	100	43.02	0.06	0.12	
3379	3399	40.54	100	100	308.15	0.45	4.59	
3380	3400	28.22	100	100	265.80	0.39	3.49	
3381	3401	40.22	100	100	270.52	0.4	3.61	
3382	3402	90.11	100	100	131.97	0.19	0.95	
3383	3403	32.24	100	100	200.48	0.3	2.07	
3384	3404	28.12	100	100	236.09	0.35	2.8	
3385	3405	43.34	100	100	110.85	0.16	0.69	
3386	3406	71.82	100	100	133.47	0.2	0.97	
3387	3407	72.08	100	100	75.13	0.11	0.34	
3388	3408	43.87	100	100	74.40	0.11	0.33	
3389	3409	95.21	100	100	1.27	0	0	
3390	3410	144.59	100	100	19.33	0.03	0.03	
3391	3411	143.37	100	100	196.89	0.29	2	
3392	3412	101.87	100	100	127.39	0.19	0.89	
3393	3413	104.66	100	100	55.31	0.08	0.19	
3394	3414	112.11	100	100	20.44	0.03	0.03	
3395	3415	10.06	100	100	113.36	0.17	0.72	
3396	3416	117.91	100	100	19.75	0.03	0.03	
3397	3417	138.22	100	100	43.48	0.06	0.12	
3398	3418	135.53	100	100	153.56	0.23	1.26	
3399	3419	117.17	100	100	36.22	0.05	0.09	
3400	3420	137.82	100	100	88.79	0.13	0.46	
3401	3421	55.26	100	100	252.80	0.37	3.18	
3402	3422	114.68	100	100	17.76	0.03	0.02	
3403	3423	119.24	100	100	8.68	0.01	0.01	
3404	3424	55.09	100	100	84.22	0.12	0.42	
3405	3425	91.98	100	100	39.26	0.06	0.1	
3406	3426	59.29	100	100	42.45	0.06	0.12	
3407	3427	47.76	100	100	43.29	0.06	0.12	
3408	3428	94.03	100	100	35.16	0.05	0.08	
3409	3429	13.07	100	100	374.09	0.55	6.57	
3410	3430	69.75	100	100	74.79	0.11	0.33	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
3411	3431	80.42	100	100	42.56	0.06	0.12	
3412	3432	106.24	100	100	8.51	0.01	0.01	
3413	3433	63	100	100	62.69	0.09	0.24	
3414	3434	62.73	100	100	102.42	0.15	0.6	
3415	3435	141.8	100	100	37.16	0.05	0.09	
3416	3436	84.19	100	100	18.40	0.03	0.02	
3417	3437	56.81	100	100	53.55	0.08	0.18	
3418	3438	46.95	100	100	133.23	0.2	0.97	
3419	3439	32.54	100	100	41.18	0.06	0.11	
3420	3440	71.36	100	100	73.27	0.11	0.32	
3421	3441	83.01	100	100	10.47	0.02	0.01	
3422	3442	73.83	100	100	75.40	0.11	0.34	
3423	3443	56.85	100	100	40.69	0.06	0.11	
3424	3444	40.02	100	100	28.38	0.04	0.06	
3425	3445	113.09	100	100	57.07	0.08	0.2	
3426	3446	56.71	100	100	16.47	0.02	0.02	
3427	3447	115.56	100	100	59.26	0.09	0.22	
3428	3448	61.68	100	100	78.26	0.12	0.36	
3429	3449	135.56	100	100	106.66	0.16	0.64	
3430	3450	92.58	200	100	274.66	0.1	0.13	
3431	3451	79.21	100	100	37.08	0.05	0.09	
3432	3452	125.96	100	100	40.13	0.06	0.11	
3433	3453	57.34	100	100	70.43	0.1	0.3	
3434	3454	137.71	100	100	108.03	0.16	0.66	
3435	3455	75.46	100	100	222.05	0.33	2.5	
3436	3456	135.65	100	100	70.39	0.1	0.3	
3437	3457	69.08	100	100	169.11	0.25	1.51	
3438	3458	114.96	100	100	144.18	0.21	1.12	
3439	3459	5.31	100	100	451.44	0.67	9.31	
3440	3460	78.13	100	100	333.10	0.49	5.3	
3441	3461	207.61	100	100	242.40	0.36	2.94	
3442	3462	72.13	100	100	113.08	0.17	0.72	
3443	3463	98.07	100	100	215.01	0.32	2.36	
3444	3464	11.33	100	100	597.26	0.88	15.63	
3445	3465	24.59	100	100	492.31	0.73	10.93	
3446	3466	224.96	100	100	131.04	0.19	0.94	
3447	3467	115.83	100	100	6.95	0.01	0	
3448	3468	86.62	100	100	175.67	0.26	1.62	
3449	3469	69	100	100	169.66	0.25	1.52	
3450	3470	49.48	100	100	85.35	0.13	0.43	
3451	3471	68.13	100	100	29.98	0.04	0.06	
3452	3472	37.35	100	100	171.22	0.25	1.55	
3453	3473	94.09	100	100	144.33	0.21	1.13	
3454	3474	112.71	100	100	16.24	0.02	0.02	
3455	3475	88.01	100	100	116.37	0.17	0.76	
3456	3476	52.28	100	100	64.26	0.09	0.25	
3457	3477	138.51	100	100	70.54	0.1	0.3	
3458	3478	81.76	100	100	45.97	0.07	0.14	
3459	3479	99.43	100	100	7.59	0.01	0	
3460	3480	111.07	100	100	64.78	0.1	0.26	
3461	3481	115.34	100	100	7.51	0.01	0	
3462	3482	171.63	100	100	14.81	0.02	0.02	
3463	3483	103.98	100	100	53.65	0.08	0.18	
3464	3484	86.42	100	100	71.28	0.11	0.31	
3465	3485	125.31	100	100	27.72	0.04	0.05	
3466	3486	57.21	100	100	53.22	0.08	0.18	
3467	3487	138.68	100	100	66.56	0.1	0.27	
3468	3488	131.55	100	100	7.66	0.01	0	
3469	3489	77.19	100	100	173.61	0.26	1.59	
3470	3490	87.18	100	100	79.69	0.12	0.38	
3471	3491	89.72	100	100	122.49	0.18	0.83	
3472	3492	90.28	100	100	56.51	0.08	0.2	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
3473	3493	71.95	100	100	187.95	0.28	1.84	
3474	3494	125.05	100	100	93.73	0.14	0.51	
3475	3495	150.63	100	100	129.92	0.19	0.93	
3476	3496	65.65	100	100	61.41	0.09	0.23	
3477	3497	76.01	100	100	225.65	0.33	2.58	
3478	3498	66.02	100	100	171.80	0.25	1.56	
3479	3499	175.31	100	100	198.03	0.29	2.02	
3480	3500	25.72	100	100	297.63	0.44	4.3	
3481	3501	35.69	100	100	458.03	0.67	9.56	
3482	3502	67.82	100	100	228.95	0.34	2.65	
3483	3503	217.86	100	100	128.32	0.19	0.91	
3484	3504	147.91	100	100	43.19	0.06	0.12	
3485	3505	43.68	100	100	231.20	0.34	2.7	
3486	3506	144.1	100	100	271.61	0.4	3.63	
3487	3507	37.95	100	100	54.92	0.08	0.19	
3488	3508	175.1	100	100	208.77	0.31	2.23	
3489	3509	68.41	100	100	86.58	0.13	0.44	
3490	3510	38.61	100	100	308.05	0.45	4.59	
3491	3511	30.11	100	100	302.01	0.45	4.42	
3492	3512	147.83	100	100	41.67	0.06	0.11	
3493	3513	114.12	100	100	166.22	0.24	1.46	
3494	3514	69.07	100	100	25.76	0.04	0.05	
3495	3515	213	100	100	168.96	0.25	1.51	
3496	3516	67.16	100	100	28.33	0.04	0.06	
3497	3517	96.65	100	100	178.81	0.26	1.67	
3498	3518	43.82	100	100	85.42	0.13	0.43	
3499	3519	148.57	100	100	15.40	0.02	0.02	
3500	3520	113.08	100	100	159.32	0.23	1.35	
3501	3521	42.91	100	100	60.83	0.09	0.23	
3502	3522	70.44	100	100	106.29	0.16	0.64	
3503	3523	138.16	100	100	121.24	0.18	0.82	
3504	3524	39.79	100	100	128.44	0.19	0.91	
3505	3525	60.29	100	100	148.38	0.22	1.19	
3506	3526	25.18	100	100	178.04	0.26	1.66	
3507	3527	37.7	100	100	295.12	0.43	4.24	
3508	3528	61.98	100	100	165.98	0.24	1.46	
3509	3529	76.36	100	100	10.70	0.02	0.01	
3510	3530	76.44	100	100	4.45	0.01	0	
3511	3531	71.04	100	100	106.85	0.16	0.65	
3512	3532	42.5	100	100	87.22	0.13	0.44	
3513	3533	79.53	100	100	48.90	0.07	0.15	
3514	3534	132.47	100	100	130.86	0.19	0.94	
3515	3535	43.01	100	100	52.47	0.08	0.17	
3516	3536	62.28	100	100	8.68	0.01	0.01	
3517	3537	124.23	100	100	42.44	0.06	0.12	
3518	3538	207.1	100	100	145.67	0.21	1.15	
3519	3539	292.47	100	100	96.47	0.14	0.53	
3520	3540	139.59	100	100	135.68	0.2	1	
3521	3541	118.54	100	100	6.20	0.01	0	
3522	3542	73.23	100	100	82.70	0.12	0.4	
3523	3543	33.6	100	100	48.30	0.07	0.15	
3524	3544	134.67	100	100	44.99	0.07	0.13	
3525	3545	40.99	100	100	120.24	0.18	0.8	
3526	3546	42.79	100	100	142.30	0.21	1.1	
3527	3547	20.53	100	100	93.75	0.14	0.51	
3528	3548	118.06	100	100	30.80	0.05	0.06	
3529	3549	43.54	100	100	164.10	0.24	1.43	
3530	3550	61.12	100	100	104.49	0.15	0.62	
3531	3551	301.29	100	100	34.71	0.05	0.08	
3532	3552	166.56	100	100	34.35	0.05	0.08	
3533	3553	175.17	100	100	87.39	0.13	0.44	
3534	3554	92.74	100	100	146.79	0.22	1.16	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
3535	3555	137.07	100	100	283.59	0.42	3.94	
3536	3556	191.66	100	100	27.87	0.04	0.05	
3537	3557	47.22	100	100	262.38	0.39	3.41	
3538	3558	127.93	100	100	23.26	0.03	0.04	
3539	3559	37.52	100	100	98.08	0.14	0.55	
3540	3560	44.65	100	100	46.86	0.07	0.14	
3541	3561	137.75	100	100	23.46	0.03	0.04	
3542	3562	55.33	100	100	83.00	0.12	0.4	
3543	3563	134.57	100	100	39.63	0.06	0.1	
3544	3564	58.69	100	100	362.48	0.53	6.2	
3545	3565	342.6	1100	100	74259.80	0.9	1	
3546	3566	300.96	200	100	424.88	0.16	0.28	
3547	3567	867.11	900	100	39308.01	0.72	0.82	
3548	3568	210.23	400	100	3523.18	0.32	0.49	
3549	3569	605.05	200	100	115.11	0.04	0.03	
3550	3570	387.83	200	100	116.75	0.04	0.03	
3551	3571	623.46	80	100	1.36	0	0	
3552	3573	101.88	500	100	5352.61	0.32	0.36	
3553	3574	940.84	150	100	160.73	0.11	0.19	
3554	3575	478.45	600	100	5910.03	0.24	0.18	
3555	3576	22.24	500	100	461.56	0.03	0	
3556	3577	352.04	600	100	5607.17	0.23	0.16	
3557	3578	204.28	600	100	322.99	0.01	0	
3558	3579	117.59	100	100	156.36	0.23	1.31	
3559	3580	63.6	150	100	4.37	0	0	
3560	3581	360.59	500	100	878.80	0.05	0.01	
3561	3582	462.6	1000	100	14483.75	0.21	0.08	
3562	3583	293.67	300	100	878.79	0.14	0.15	
3563	3584	781.2	200	100	210.03	0.08	0.08	
3564	3585	2289.94	1000	100	43973.75	0.65	0.6	
3565	3586	366.06	1100	100	7254.85	0.09	0.01	
3566	3587	133.94	100	100	29.75	0.04	0.06	
3567	3588	127.08	100	100	3.92	0.01	0	
3568	3589	38.84	100	100	14.24	0.02	0.02	
3569	3590	49.97	100	100	41.09	0.06	0.11	
3570	3591	563.18	100	100	125.66	0.19	0.87	
3571	3592	48.34	150	100	455.27	0.3	1.31	
3572	3593	293.9	300	100	798.57	0.13	0.13	
3573	3594	4.69	300	100	877.09	0.14	0.15	
3574	3595	253.55	500	100	644.29	0.04	0.01	
3575	3596	296.55	600	100	1406.07	0.06	0.01	
3576	3597	609.95	200	100	157.56	0.06	0.05	
3577	3598	100.78	200	100	2916.25	1.07	10.07	
3578	3599	3.15	100	100	226.55	0.33	2.6	
3579	3600	2062.12	200	100	13.66	0.01	0	
3580	3601	4.33	150	100	533.19	0.35	1.76	
3581	3602	66.95	400	100	3977.72	0.37	0.61	
3582	3603	27.58	400	100	3878.87	0.36	0.58	
3583	3604	363.14	80	100	74.56	0.17	0.98	
3584	3605	67.95	100	100	12.56	0.02	0.01	
3585	3606	66.12	100	100	95.87	0.14	0.53	
3586	3607	202.8	100	100	11.31	0.02	0.01	
3587	3608	236.77	100	100	11.79	0.02	0.01	
3588	3609	184.56	100	100	17.27	0.03	0.02	
3589	3610	60.32	100	100	22.84	0.03	0.04	
3590	3611	150.82	100	100	20.13	0.03	0.03	
3591	3612	54.42	80	100	11.57	0.03	0.03	
3592	3613	30.8	80	100	13.89	0.03	0.04	
3593	3614	94.79	80	100	1.03	0	0	
3594	3615	226.48	100	100	145.66	0.21	1.15	
3595	3616	259.03	100	100	47.54	0.07	0.14	
3596	3617	230.89	100	100	30.38	0.04	0.06	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
3597	3618	37.12	100	100	6.54	0.01	0	
3598	3619	200.64	100	100	0.14	0	0	
3599	3620	282.4	100	100	53.03	0.08	0.18	
3600	3621	29.19	100	100	9.81	0.01	0.01	
3601	3622	107.87	100	100	6.10	0.01	0	
3602	3623	142.36	100	100	26.96	0.04	0.05	
3603	3624	70.67	100	100	28.46	0.04	0.06	
3604	3625	36.73	100	100	21.68	0.03	0.03	
3605	3626	159.83	100	100	1.21	0	0	
3606	3627	69.14	100	100	11.72	0.02	0.01	
3607	3628	62.14	100	100	18.59	0.03	0.03	
3608	3629	121.07	100	100	16.00	0.02	0.02	
3609	3630	45.94	100	100	52.97	0.08	0.18	
3610	3631	265.03	100	100	8.80	0.01	0	
3611	3632	157.61	100	100	15.63	0.02	0.02	
3612	3633	40.1	150	100	10.39	0.01	0	
3613	3634	79.87	150	100	146.65	0.1	0.16	
3614	3635	384.11	150	100	158.43	0.1	0.19	
3615	3636	63.66	200	100	35.99	0.01	0	
3616	3637	95.68	200	100	335.07	0.12	0.18	
3617	3638	9.4	200	100	0.00	0	0	
3618	3639	107.44	200	100	304.60	0.11	0.15	
3619	3640	78.55	200	100	726.53	0.27	0.77	
3620	3641	80.47	200	100	297.97	0.11	0.15	
3621	3642	269.19	200	100	99.98	0.04	0.02	
3622	3643	208.75	200	100	74.61	0.03	0.01	
3623	3644	115.56	200	100	50.19	0.02	0.01	
3624	3645	95.04	200	100	1.83	0	0	
3625	3646	227.15	300	100	1078.84	0.18	0.22	
3626	3647	67.84	300	100	1496.76	0.25	0.41	
3627	3648	32.94	300	100	1645.34	0.27	0.48	
3628	3649	233.27	300	100	984.32	0.16	0.19	
3629	3650	89.8	300	100	1215.83	0.2	0.28	
3630	3651	99.38	300	100	54.99	0.01	0	
3631	3652	127.14	300	100	908.38	0.15	0.16	
3632	3653	242.34	300	100	361.51	0.06	0.03	
3633	3654	551.46	400	100	2341.09	0.22	0.23	
3634	3655	339.34	600	100	8346.38	0.34	0.33	
3635	3656	361.74	100	100	117.85	0.17	0.77	
3636	3657	29.89	100	100	41.09	0.06	0.11	
3637	3658	40.06	100	100	144.82	0.21	1.13	
3638	3659	14.49	100	100	4.51	0.01	0	
3639	3660	38.09	100	100	87.02	0.13	0.44	
3640	3661	37.89	100	100	117.63	0.17	0.77	
3641	3662	95.74	100	100	78.72	0.12	0.37	
3642	3663	92.53	100	100	34.71	0.05	0.08	
3643	3664	40.11	100	100	36.28	0.05	0.09	
3644	3665	112.49	100	100	8.65	0.01	0.01	
3645	3666	33.16	100	100	26.95	0.04	0.05	
3646	3667	126	100	100	26.79	0.04	0.05	
3647	3668	134.81	100	100	24.52	0.04	0.04	
3648	3669	112.27	100	100	17.14	0.03	0.02	
3649	3670	113.53	100	100	19.10	0.03	0.03	
3650	3671	32.42	100	100	39.12	0.06	0.1	
3651	3672	20.2	100	100	16.43	0.02	0.02	
3652	3673	119.69	100	100	21.16	0.03	0.03	
3653	3674	37.26	100	100	71.88	0.11	0.31	
3654	3675	119.97	100	100	78.30	0.12	0.36	
3655	3676	77.2	100	100	108.45	0.16	0.66	
3656	3677	150.66	100	100	33.03	0.05	0.07	
3657	3678	117.53	100	100	17.78	0.03	0.02	
3658	3679	13.47	100	100	306.03	0.45	4.53	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
3659	3680	110.01	150	100	203.56	0.13	0.3	
3660	3681	145.12	150	100	128.22	0.08	0.13	
3661	3682	33.35	150	100	81.80	0.05	0.05	
3662	3683	15.88	150	100	63.04	0.04	0.03	
3663	3684	211.57	200	100	19.66	0.01	0	
3664	3685	756.83	200	100	322.54	0.12	0.17	
3665	3686	75.47	200	100	176.58	0.07	0.06	
3666	3687	14.34	200	100	290.68	0.11	0.14	
3667	3688	442.78	200	100	195.33	0.07	0.07	
3668	3689	366.09	200	100	876.72	0.32	1.09	
3669	3690	69.49	200	100	215.14	0.08	0.08	
3670	3691	119.63	200	100	179.85	0.07	0.06	
3671	3692	214.51	200	100	322.05	0.12	0.17	
3672	3693	125.27	200	100	188.72	0.07	0.06	
3673	3694	128.22	250	100	754.21	0.18	0.28	
3674	3695	228.11	300	100	816.11	0.13	0.13	
3675	3696	592.2	300	100	185.97	0.03	0.01	
3676	3697	300.38	300	100	1252.98	0.21	0.29	
3677	3698	440.58	300	100	1427.26	0.23	0.37	
3678	3699	70.36	300	100	451.10	0.07	0.04	
3679	3700	200.23	300	100	241.88	0.04	0.01	
3680	3701	150.16	300	100	0.00	0	0	
3681	3702	119.19	400	100	4296.30	0.4	0.71	
3682	3703	14.77	400	100	1313.41	0.12	0.08	
3683	3704	18.55	400	100	1469.81	0.14	0.1	
3684	3705	17.49	500	100	5051.52	0.3	0.32	
3685	3706	1218.34	600	100	5416.28	0.22	0.15	
3686	3707	32.62	80	100	71.59	0.16	0.91	
3687	3708	31.26	80	100	50.67	0.12	0.48	
3688	3709	7.44	80	100	131.87	0.3	2.83	
3689	3710	37.5	80	100	1.83	0	0	
3690	3711	34.23	80	100	24.28	0.06	0.12	
3691	3712	36.07	80	100	32.70	0.08	0.21	
3692	3713	169.96	80	100	13.26	0.03	0.04	
3693	3714	214.9	100	100	24.33	0.04	0.04	
3694	3715	65.08	100	100	24.47	0.04	0.04	
3695	3716	14.6	100	100	171.23	0.25	1.55	
3696	3717	50.12	100	100	17.01	0.03	0.02	
3697	3718	602.72	100	100	83.91	0.12	0.41	
3698	3719	327.87	150	100	357.42	0.23	0.84	
3699	3720	182.99	150	100	98.35	0.06	0.08	
3700	3721	94.56	200	100	333.57	0.12	0.18	
3701	3722	97.41	200	100	717.54	0.26	0.75	
3702	3723	1146.54	200	100	489.91	0.18	0.37	
3703	3724	160.98	250	100	1290.62	0.3	0.75	
3704	3725	533.28	250	100	2145.43	0.51	1.92	
3705	3726	9.18	250	100	4484.58	1.06	7.54	
3706	3727	959.55	250	100	1244.20	0.29	0.7	
3707	3728	143.93	250	100	3193.96	0.75	4.02	
3708	3729	289.26	300	100	756.00	0.12	0.11	
3709	3730	279.53	350	100	0.00	0	0	
3710	3731	57.12	80	100	127.37	0.29	2.65	
3711	3732	89.46	80	100	35.38	0.08	0.25	
3712	3733	69.02	80	100	30.31	0.07	0.19	
3713	3734	45.68	100	100	56.77	0.08	0.2	
3714	3735	207.79	200	100	1124.16	0.41	1.72	
3715	3736	1.14	200	100	1855.79	0.68	4.36	
3716	3737	71.94	200	100	2.21	0	0	
3717	3738	237.07	200	100	305.92	0.11	0.15	
3718	3739	60.15	200	100	100.01	0.04	0.02	
3719	3740	523.18	300	100	58.08	0.01	0	
3720	3741	61.33	300	100	2893.26	0.47	1.38	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
3721	3742	2.69	300	100	5310.13	0.87	4.24	
3722	3743	290.21	300	100	406.97	0.07	0.04	
3723	3744	157.04	300	100	4764.91	0.78	3.47	
3724	3745	758.48	400	100	5772.92	0.53	1.22	
3725	3746	210.07	400	100	92.27	0.01	0	
3726	3747	8.14	400	100	920.77	0.08	0.04	
3727	3748	8.9	400	100	1832.12	0.17	0.15	
3728	3749	54.38	80	100	21.93	0.05	0.1	
3729	3750	77.55	80	100	49.37	0.11	0.46	
3730	3751	118.77	80	100	101.63	0.23	1.74	
3731	3752	155.23	80	100	45.57	0.1	0.39	
3732	3753	260.81	80	100	15.59	0.04	0.05	
3733	3754	35.77	80	100	243.71	0.56	8.81	
3734	3755	154.67	80	100	37.80	0.09	0.28	
3735	3756	40.41	80	100	60.24	0.14	0.66	
3736	3757	113.36	80	100	42.01	0.1	0.34	
3737	3758	116.64	80	100	39.06	0.09	0.3	
3738	3759	40.98	80	100	36.71	0.08	0.26	
3739	3760	155.96	80	100	40.00	0.09	0.31	
3740	3761	38.49	80	100	14.33	0.03	0.05	
3741	3762	1.44	80	100	739.74	1.7	68.9	
3742	3763	340.86	100	100	322.54	0.48	4.99	
3743	3764	156.42	100	100	19.97	0.03	0.03	
3744	3765	374.63	150	100	379.76	0.25	0.94	
3745	3766	140	150	100	43.86	0.03	0.02	
3746	3767	112.23	150	100	161.38	0.11	0.19	
3747	3768	32.3	150	100	689.48	0.45	2.83	
3748	3769	32.48	150	100	53.87	0.04	0.03	
3749	3770	185.65	150	100	312.40	0.2	0.65	
3750	3771	12.6	150	100	78.63	0.05	0.05	
3751	3772	31.92	150	100	95.95	0.06	0.07	
3752	3773	74.29	150	100	138.50	0.09	0.14	
3753	3774	272.17	200	100	150.13	0.06	0.04	
3754	3775	786.55	300	100	149.26	0.02	0.01	
3755	3776	160.44	300	100	1146.95	0.19	0.25	
3756	3777	200.98	300	100	1913.38	0.31	0.64	
3757	3778	185.78	300	100	851.14	0.14	0.14	
3758	3779	39.84	300	100	4727.96	0.77	3.42	
3759	3780	53.18	350	100	229.65	0.03	0.01	
3760	3781	31.89	350	100	1076.47	0.13	0.1	
3761	3782	20.23	350	100	1454.93	0.18	0.18	
3762	3783	84.14	350	100	6.91	0	0	
3763	3784	10.32	400	100	5516.00	0.51	1.12	
3764	3785	348.89	100	100	13.15	0.02	0.01	
3765	3786	36.49	100	100	126.67	0.19	0.88	
3766	3787	33.68	100	100	0.11	0	0	
3767	3788	139.85	100	100	26.76	0.04	0.05	
3768	3789	125.2	100	100	62.72	0.09	0.24	
3769	3790	73.95	100	100	408.05	0.6	7.72	
3770	3791	115.63	100	100	72.94	0.11	0.32	
3771	3792	124.74	100	100	249.30	0.37	3.1	
3772	3793	164.51	100	100	186.27	0.27	1.81	
3773	3794	64.75	100	100	510.06	0.75	11.67	
3774	3795	116.45	100	100	130.12	0.19	0.93	
3775	3796	76.62	100	100	306.51	0.45	4.54	
3776	3797	51.68	100	100	100.29	0.15	0.57	
3777	3798	259.11	100	100	21.74	0.03	0.03	
3778	3799	136.76	100	100	18.97	0.03	0.03	
3779	3800	136.89	100	100	15.23	0.02	0.02	
3780	3801	168.66	100	100	18.29	0.03	0.02	
3781	3802	168.67	100	100	19.17	0.03	0.03	
3782	3803	50.17	100	100	5.12	0.01	0	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
3783	3804	50.28	100	100	18.17	0.03	0.02	
3784	3805	23.85	100	100	163.58	0.24	1.42	
3785	3806	44.87	100	100	173.46	0.26	1.58	
3786	3807	160.53	100	100	39.75	0.06	0.1	
3787	3808	39.44	100	100	103.79	0.15	0.61	
3788	3809	50.11	100	100	68.16	0.1	0.28	
3789	3810	44.05	100	100	100.22	0.15	0.57	
3790	3811	105.26	100	100	39.30	0.06	0.1	
3791	3812	38.1	100	100	67.10	0.1	0.27	
3792	3813	12.81	100	100	141.51	0.21	1.09	
3793	3814	42.92	100	100	66.52	0.1	0.27	
3794	3815	114.52	100	100	87.55	0.13	0.45	
3795	3816	162.87	100	100	56.91	0.08	0.2	
3796	3817	179.84	100	100	43.21	0.06	0.12	
3797	3818	91.91	100	100	91.79	0.14	0.49	
3798	3819	148.09	100	100	36.89	0.05	0.09	
3799	3820	99.59	100	100	95.46	0.14	0.52	
3800	3821	50.24	100	100	47.50	0.07	0.14	
3801	3822	123.78	100	100	19.30	0.03	0.03	
3802	3823	150.16	100	100	37.74	0.06	0.09	
3803	3824	45.82	100	100	73.63	0.11	0.32	
3804	3825	214.98	100	100	45.08	0.07	0.13	
3805	3826	134.21	100	100	7.43	0.01	0	
3806	3827	42.86	100	100	20.11	0.03	0.03	
3807	3828	51.48	100	100	50.73	0.07	0.16	
3808	3829	106.45	100	100	515.01	0.76	11.88	
3809	3830	112.8	100	100	204.18	0.3	2.14	
3810	3831	36.83	100	100	37.41	0.06	0.09	
3811	3832	97.08	100	100	18.34	0.03	0.02	
3812	3833	30.64	100	100	362.88	0.53	6.21	
3813	3834	333.74	100	100	98.16	0.14	0.55	
3814	3835	137.36	100	100	80.55	0.12	0.38	
3815	3836	94.96	100	100	259.55	0.38	3.34	
3816	3837	295.79	100	100	29.16	0.04	0.06	
3817	3838	191.44	100	100	1.78	0	0	
3818	3839	39.12	100	100	20.43	0.03	0.03	
3819	3840	16.7	100	100	313.76	0.46	4.75	
3820	3841	149.95	100	100	93.24	0.14	0.5	
3821	3842	37.14	100	100	31.91	0.05	0.07	
3822	3843	38.1	100	100	63.46	0.09	0.25	
3823	3844	36.28	100	100	75.78	0.11	0.34	
3824	3845	32.92	100	100	4.75	0.01	0	
3825	3846	188.61	100	100	86.64	0.13	0.44	
3826	3847	48.97	100	100	235.19	0.35	2.78	
3827	3848	144.16	100	100	125.72	0.19	0.87	
3828	3849	150.42	100	100	1.98	0	0	
3829	3850	122.92	100	100	28.77	0.04	0.06	
3830	3851	34.68	100	100	126.72	0.19	0.89	
3831	3852	37.67	100	100	114.43	0.17	0.73	
3832	3853	41.33	100	100	75.72	0.11	0.34	
3833	3854	38.75	100	100	208.89	0.31	2.23	
3834	3855	9.33	100	100	271.02	0.4	3.62	
3835	3856	61.36	100	100	44.36	0.07	0.13	
3836	3857	36.88	100	100	319.80	0.47	4.92	
3837	3858	68.88	100	100	90.91	0.13	0.48	
3838	3859	186.46	100	100	63.08	0.09	0.24	
3839	3860	175	100	100	58.80	0.09	0.21	
3840	3861	120.47	100	100	0.68	0	0	
3841	3862	137.07	100	100	21.08	0.03	0.03	
3842	3863	168.55	100	100	34.68	0.05	0.08	
3843	3864	61.22	100	100	8.55	0.01	0.01	
3844	3865	82.95	100	100	424.12	0.63	8.29	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
3845	3866	113.28	100	100	203.12	0.3	2.12	
3846	3867	18.57	100	100	180.19	0.27	1.7	
3847	3868	65.55	100	100	238.57	0.35	2.86	
3848	3869	136.08	100	100	26.28	0.04	0.05	
3849	3870	10.09	100	100	16.11	0.02	0.02	
3850	3871	48.33	100	100	54.85	0.08	0.19	
3851	3872	154.19	100	100	56.59	0.08	0.2	
3852	3873	227.73	100	100	30.58	0.05	0.06	
3853	3874	146.24	100	100	24.16	0.04	0.04	
3854	3875	77.04	100	100	19.48	0.03	0.03	
3855	3876	126.51	100	100	116.49	0.17	0.76	
3856	3877	150.9	100	100	135.08	0.2	1	
3857	3878	54.79	100	100	65.91	0.1	0.26	
3858	3879	41.72	100	100	73.23	0.11	0.32	
3859	3880	23.36	100	100	10.89	0.02	0.01	
3860	3881	126.75	100	100	31.87	0.05	0.07	
3861	3882	119.82	100	100	163.99	0.24	1.43	
3862	3883	31.87	100	100	310.00	0.46	4.64	
3863	3884	81.55	100	100	7.61	0.01	0	
3864	3885	110.61	100	100	67.44	0.1	0.28	
3865	3886	82.39	100	100	193.24	0.28	1.93	
3866	3887	32.9	100	100	239.50	0.35	2.88	
3867	3888	192.69	100	100	42.80	0.06	0.12	
3868	3889	18.49	100	100	64.15	0.09	0.25	
3869	3890	15.38	100	100	98.49	0.15	0.56	
3870	3891	10.82	100	100	50.34	0.07	0.16	
3871	3892	31.75	100	100	98.66	0.15	0.56	
3872	3893	144.84	100	100	18.78	0.03	0.03	
3873	3894	173.79	100	100	21.74	0.03	0.03	
3874	3895	95.19	100	100	47.28	0.07	0.14	
3875	3896	19.54	100	100	291.17	0.43	4.13	
3876	3897	750.01	1000	100	320.02	0	0	
3877	3898	1513.57	1100	100	61277.02	0.75	0.7	
3878	3899	235.42	1100	100	65648.02	0.8	0.8	
3879	3900	83.9	1100	100	0.00	0	0	
3880	3901	261.03	1100	100	65648.02	0.8	0.8	
3881	3902	7.15	1100	100	67778.08	0.83	0.85	
3882	3903	248.24	1100	100	67778.08	0.83	0.85	
3883	3904	92.57	150	100	271.52	0.18	0.5	
3884	3905	89.58	150	100	256.50	0.17	0.45	
3885	3906	27.91	150	100	708.01	0.46	2.97	
3886	3907	43.88	150	100	444.12	0.29	1.25	
3887	3908	47.11	150	100	97.55	0.06	0.08	
3888	3909	25.65	150	100	473.84	0.31	1.41	
3889	3910	68.86	150	100	556.32	0.36	1.9	
3890	3911	92.94	150	100	36.99	0.02	0.01	
3891	3912	51.34	150	100	468.14	0.31	1.38	
3892	3913	93.36	150	100	114.55	0.08	0.1	
3893	3914	174.99	150	100	111.85	0.07	0.1	
3894	3915	63.23	150	100	643.47	0.42	2.49	
3895	3916	19.36	150	100	284.34	0.19	0.55	
3896	3917	19.49	150	100	68.53	0.04	0.04	
3897	3918	15.72	150	100	358.87	0.24	0.84	
3898	3919	51.8	150	100	60.09	0.04	0.03	
3899	3920	3.17	150	100	404.32	0.26	1.05	
3900	3921	46.7	150	100	583.90	0.38	2.08	
3901	3922	118.64	150	100	69.76	0.05	0.04	
3902	3923	12.91	150	100	213.74	0.14	0.32	
3903	3924	265.41	150	100	183.49	0.12	0.24	
3904	3925	78.52	150	100	228.92	0.15	0.37	
3905	3926	15.29	150	100	515.57	0.34	1.65	
3906	3927	183.17	150	100	152.86	0.1	0.17	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
3907	3928	30.35	150	100	19.02	0.01	0	
3908	3929	2.96	150	100	221.29	0.14	0.34	
3909	3930	103.4	150	100	30.50	0.02	0.01	
3910	3931	76.02	150	100	404.33	0.26	1.05	
3911	3932	467.61	150	100	27.66	0.02	0.01	
3912	3933	138.08	150	100	278.37	0.18	0.53	
3913	3934	39.53	150	100	322.00	0.21	0.69	
3914	3935	14.9	150	100	724.21	0.47	3.1	
3915	3936	360.66	150	100	67.81	0.04	0.04	
3916	3937	622.6	150	100	315.65	0.21	0.67	
3917	3938	52.08	200	100	1066.80	0.39	1.56	
3918	3939	3.26	200	100	1715.86	0.63	3.77	
3919	3940	157.17	200	100	101.17	0.04	0.02	
3920	3941	36.96	200	100	1439.31	0.53	2.72	
3921	3942	50.36	200	100	98.29	0.04	0.02	
3922	3943	46.64	200	100	581.94	0.21	0.51	
3923	3944	51.05	200	100	592.93	0.22	0.53	
3924	3945	38.35	200	100	427.25	0.16	0.29	
3925	3946	37.77	200	100	44.74	0.02	0	
3926	3947	32.38	200	100	673.28	0.25	0.67	
3927	3948	59.83	200	100	378.40	0.14	0.23	
3928	3949	19.34	200	100	364.89	0.13	0.21	
3929	3950	95.63	200	100	303.99	0.11	0.15	
3930	3951	110.33	200	100	325.57	0.12	0.17	
3931	3952	40.87	200	100	467.59	0.17	0.34	
3932	3953	450.77	200	100	819.14	0.3	0.96	
3933	3954	50.5	200	100	1404.29	0.52	2.6	
3934	3955	41.75	200	100	874.14	0.32	1.08	
3935	3956	312.96	200	100	793.36	0.29	0.9	
3936	3957	97.23	200	100	497.36	0.18	0.38	
3937	3958	39.73	200	100	342.33	0.13	0.19	
3938	3959	151.82	200	100	1594.55	0.59	3.29	
3939	3960	40.23	200	100	1228.21	0.45	2.03	
3940	3961	16.4	200	100	705.71	0.26	0.73	
3941	3962	51.71	200	100	654.95	0.24	0.63	
3942	3963	87.36	200	100	624.69	0.23	0.58	
3943	3964	130.41	200	100	778.50	0.29	0.87	
3944	3965	8.38	200	100	313.24	0.12	0.16	
3945	3966	9.36	200	100	369.92	0.14	0.22	
3946	3967	146.03	200	100	1115.99	0.41	1.7	
3947	3968	166.86	200	100	174.67	0.06	0.05	
3948	3969	6.87	200	100	197.51	0.07	0.07	
3949	3970	110.62	200	100	355.74	0.13	0.2	
3950	3971	45.31	200	100	360.78	0.13	0.21	
3951	3972	12.49	200	100	273.79	0.1	0.13	
3952	3973	40.95	200	100	420.85	0.16	0.28	
3953	3974	333.94	200	100	102.29	0.04	0.02	
3954	3975	681.08	250	100	927.78	0.22	0.41	
3955	3976	245.48	300	100	873.55	0.14	0.15	
3956	3977	2.35	300	100	3798.50	0.62	2.28	
3957	3978	308	300	100	1925.89	0.32	0.65	
3958	3979	20.83	300	100	469.39	0.08	0.05	
3959	3980	52.46	300	100	1843.32	0.3	0.6	
3960	3981	17.45	300	100	1696.17	0.28	0.51	
3961	3982	164.33	300	100	1619.99	0.27	0.47	
3962	3983	180.66	300	100	957.42	0.16	0.18	
3963	3984	2.97	300	100	1908.68	0.31	0.64	
3964	3985	16.03	300	100	1735.96	0.28	0.54	
3965	3986	17.32	300	100	2930.48	0.48	1.41	
3966	3987	518.1	300	100	2291.44	0.38	0.89	
3967	3988	102.23	400	100	1081.86	0.1	0.05	
3968	3989	99.38	400	100	879.81	0.08	0.04	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
3969	3990	157.54	400	100	1160.59	0.11	0.06	
3970	3991	10.11	400	100	1261.83	0.12	0.07	
3971	3992	10.43	400	100	1137.83	0.1	0.06	
3972	3993	113.76	400	100	118.32	0.01	0	
3973	3994	163.71	400	100	94.52	0.01	0	
3974	3995	87.72	400	100	4193.03	0.39	0.67	
3975	3996	8.44	400	100	166.79	0.02	0	
3976	3997	14.58	400	100	3539.72	0.33	0.49	
3977	3998	191.32	400	100	4200.37	0.39	0.68	
3978	3999	59.72	400	100	5576.16	0.51	1.14	
3979	4000	1236.27	400	100	1824.87	0.17	0.14	
3980	4001	49.47	400	100	1461.56	0.13	0.1	
3981	4002	56.37	500	100	2133.79	0.13	0.07	
3982	4003	11.64	500	100	2187.27	0.13	0.07	
3983	4004	135.05	500	100	2240.67	0.13	0.07	
3984	4005	56.73	500	100	2759.87	0.16	0.1	
3985	4006	170.59	500	100	2624.57	0.15	0.1	
3986	4007	143.14	500	100	2033.22	0.12	0.06	
3987	4008	102.79	500	100	2300.66	0.14	0.07	
3988	4009	116.53	600	100	1261.83	0.05	0.01	
3989	4010	10.26	600	100	1227.58	0.05	0.01	
3990	4011	15.7	600	100	24865.93	1.02	2.53	
3991	4012	4.52	600	100	3108.94	0.13	0.06	
3992	4013	1045.43	600	100	16108.08	0.66	1.13	
3993	4014	5.23	700	100	4371.00	0.13	0.05	
3994	4015	64.57	80	100	149.94	0.35	3.58	
3995	4016	80.02	80	100	111.19	0.26	2.06	
3996	4017	93.42	80	100	120.01	0.28	2.37	
3997	4018	79.97	80	100	343.32	0.79	16.62	
3998	4019	125.37	80	100	42.31	0.1	0.34	
3999	4020	106.03	80	100	11.03	0.03	0.03	
4000	4021	48.36	80	100	131.58	0.3	2.81	
4001	4022	46.6	80	100	133.55	0.31	2.89	
4002	4023	138.31	80	100	49.46	0.11	0.46	
4003	4024	202.15	80	100	40.17	0.09	0.31	
4004	4025	85.43	80	100	97.48	0.22	1.61	
4005	4026	114.22	80	100	68.66	0.16	0.84	
4006	4027	41	80	100	72.51	0.17	0.93	
4007	4028	41.43	80	100	134.33	0.31	2.92	
4008	4029	228.1	80	100	169.68	0.39	4.51	
4009	4030	117.13	80	100	194.45	0.45	5.8	
4010	4031	234.03	80	100	15.32	0.04	0.05	
4011	4032	115.92	100	100	92.59	0.14	0.5	
4012	4033	271.98	100	100	93.70	0.14	0.51	
4013	4034	48.97	100	100	131.19	0.19	0.94	
4014	4035	201.29	100	100	18.95	0.03	0.03	
4015	4036	115.87	100	100	0.13	0	0	
4016	4037	116.01	100	100	36.57	0.05	0.09	
4017	4038	144.04	100	100	99.79	0.15	0.57	
4018	4039	131.61	100	100	63.50	0.09	0.25	
4019	4040	106.71	100	100	30.82	0.05	0.06	
4020	4041	66.37	100	100	57.39	0.08	0.2	
4021	4042	100.33	100	100	90.16	0.13	0.47	
4022	4043	111.41	100	100	63.63	0.09	0.25	
4023	4044	139.53	100	100	56.13	0.08	0.2	
4024	4045	260.68	100	100	55.75	0.08	0.19	
4025	4046	223.96	100	100	31.27	0.05	0.07	
4026	4047	47.8	100	100	187.34	0.28	1.83	
4027	4048	8.17	100	100	163.95	0.24	1.43	
4028	4049	58.53	100	100	206.23	0.3	2.18	
4029	4050	35.57	100	100	11.36	0.02	0.01	
4030	4051	20.17	100	100	19.90	0.03	0.03	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
4031	4052	23.44	100	100	4.67	0.01	0	
4032	4053	42.61	80	100	12.20	0.03	0.03	
4033	4054	39.47	100	100	12.08	0.02	0.01	
4034	4055	101.53	100	100	4.53	0.01	0	
4035	4056	36.06	100	100	290.82	0.43	4.12	
4036	4057	134.56	100	100	4.04	0.01	0	
4037	4058	70.58	100	100	7.06	0.01	0	
4038	4059	172.76	100	100	219.29	0.32	2.44	
4039	4060	35.22	100	100	51.25	0.08	0.17	
4040	4061	366.15	100	100	66.31	0.1	0.27	
4041	4062	149.75	100	100	72.48	0.11	0.31	
4042	4063	88.51	100	100	19.95	0.03	0.03	
4043	4064	10.35	100	100	173.77	0.26	1.59	
4044	4065	40.14	100	100	31.69	0.05	0.07	
4045	4066	3.13	100	100	85.53	0.13	0.43	
4046	4067	1979.45	100	100	21.81	0.03	0.03	
4047	4068	717.91	1100	100	3941.16	0.05	0	
4048	4069	100.04	150	100	218.03	0.14	0.34	
4049	4070	163	150	100	263.10	0.17	0.48	
4050	4071	117.27	150	100	426.28	0.28	1.16	
4051	4072	50.99	150	100	54.55	0.04	0.03	
4052	4073	69.78	150	100	209.29	0.14	0.31	
4053	4074	31.85	150	100	279.99	0.18	0.53	
4054	4075	77.95	150	100	25.19	0.02	0.01	
4055	4076	146.14	150	100	69.66	0.05	0.04	
4056	4077	18.71	150	100	165.80	0.11	0.2	
4057	4078	91.94	150	100	205.74	0.13	0.3	
4058	4079	59.65	150	100	293.85	0.19	0.58	
4059	4080	30.2	150	100	15.51	0.01	0	
4060	4081	121.58	150	100	109.51	0.07	0.09	
4061	4082	12.11	150	100	62.39	0.04	0.03	
4062	4083	89.61	150	100	163.31	0.11	0.2	
4063	4084	217.16	150	100	36.75	0.02	0.01	
4064	4085	95.84	150	100	107.43	0.07	0.09	
4065	4086	69.47	150	100	121.58	0.08	0.11	
4066	4087	91.01	150	100	302.13	0.2	0.61	
4067	4088	46.97	150	100	205.00	0.13	0.3	
4068	4089	54.65	150	100	28.64	0.02	0.01	
4069	4090	91.02	150	100	257.05	0.17	0.46	
4070	4091	11.94	150	100	260.07	0.17	0.47	
4071	4092	18.15	150	100	188.20	0.12	0.26	
4072	4093	172.04	150	100	118.74	0.08	0.11	
4073	4094	147.38	150	100	306.72	0.2	0.63	
4074	4095	142.33	150	100	208.21	0.14	0.31	
4075	4096	63.82	150	100	146.71	0.1	0.16	
4076	4097	146.88	150	100	314.65	0.21	0.66	
4077	4098	26.82	150	100	338.77	0.22	0.76	
4078	4099	22.74	150	100	590.23	0.39	2.12	
4079	4100	158.69	150	100	180.10	0.12	0.24	
4080	4101	135	150	100	43.92	0.03	0.02	
4081	4102	11.48	150	100	106.71	0.07	0.09	
4082	4103	38.44	150	100	203.07	0.13	0.29	
4083	4104	11.04	150	100	92.05	0.06	0.07	
4084	4105	7.76	150	100	286.19	0.19	0.56	
4085	4106	15.4	150	100	35.49	0.02	0.01	
4086	4107	220.76	150	100	58.16	0.04	0.03	
4087	4108	54.96	200	100	428.07	0.16	0.29	
4088	4109	115.41	200	100	291.48	0.11	0.14	
4089	4110	146.66	200	100	276.56	0.1	0.13	
4090	4111	78.88	200	100	451.68	0.17	0.32	
4091	4112	658.43	200	100	0.28	0	0	
4092	4113	16.58	200	100	816.31	0.3	0.95	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
4093	4114	118.75	200	100	589.29	0.22	0.52	
4094	4115	95.21	200	100	0.00	0	0	
4095	4116	272.89	200	100	251.59	0.09	0.11	
4096	4118	28.88	200	100	198.27	0.07	0.07	
4097	4119	40.48	200	100	152.98	0.06	0.04	
4098	4120	74.37	200	100	54.05	0.02	0.01	
4099	4121	181.71	200	100	103.30	0.04	0.02	
4100	4122	9.23	200	100	119.75	0.04	0.03	
4101	4123	107.38	200	100	87.06	0.03	0.02	
4102	4124	0.54	200	100	35.09	0.01	0	
4103	4125	40.94	200	100	138.63	0.05	0.04	
4104	4126	56.65	200	100	30.06	0.01	0	
4105	4127	95.39	200	100	376.16	0.14	0.23	
4106	4128	11.05	200	100	734.03	0.27	0.78	
4107	4129	19.99	200	100	393.67	0.15	0.25	
4108	4130	150.2	200	100	423.70	0.16	0.28	
4109	4131	40.03	200	100	545.71	0.2	0.45	
4110	4132	293.89	200	100	278.57	0.1	0.13	
4111	4133	60.51	200	100	489.65	0.18	0.37	
4112	4134	56.78	200	100	430.51	0.16	0.29	
4113	4135	55.06	200	100	678.88	0.25	0.68	
4114	4136	81.02	200	100	90.93	0.03	0.02	
4115	4137	134.22	200	100	135.52	0.05	0.03	
4116	4138	4.79	300	100	463.43	0.08	0.04	
4117	4139	300.44	300	100	1454.19	0.24	0.39	
4118	4140	28.83	300	100	1080.28	0.18	0.22	
4119	4141	11.46	300	100	577.83	0.09	0.07	
4120	4142	36.87	300	100	1980.49	0.32	0.68	
4121	4143	74.12	300	100	1800.13	0.29	0.57	
4122	4144	86.36	300	100	715.06	0.12	0.1	
4123	4145	206.54	300	100	536.31	0.09	0.06	
4124	4146	27.76	300	100	1015.63	0.17	0.2	
4125	4147	11.7	300	100	3244.17	0.53	1.7	
4126	4148	11.28	300	100	432.15	0.07	0.04	
4127	4149	208.12	300	100	412.56	0.07	0.04	
4128	4150	174.44	300	100	2058.26	0.34	0.73	
4129	4151	10.33	350	100	719.94	0.09	0.05	
4130	4152	254.19	350	100	1386.05	0.17	0.17	
4131	4153	358.54	400	100	902.38	0.08	0.04	
4132	4154	85.54	400	100	1087.18	0.1	0.06	
4133	4155	539.39	400	100	987.91	0.09	0.05	
4134	4157	4.84	400	100	1500.21	0.14	0.1	
4135	4158	7.64	400	100	764.92	0.07	0.03	
4136	4159	17.21	400	100	5550.88	0.51	1.13	
4137	4160	4.56	400	100	315.26	0.03	0.01	
4138	4161	148.98	400	100	2752.31	0.25	0.31	
4139	4162	311.09	400	100	3341.54	0.31	0.44	
4140	4163	105.45	500	100	5352.61	0.32	0.36	
4141	4164	10.19	500	100	1534.14	0.09	0.04	
4142	4165	150.83	500	100	5511.42	0.32	0.38	
4143	4166	78.77	150	100	425.10	0.28	1.16	
4144	4167	79.15	80	100	46.07	0.11	0.4	
4145	4168	94.07	80	100	73.10	0.17	0.95	
4146	4169	80.62	80	100	57.97	0.13	0.62	
4147	4170	464.22	80	100	24.10	0.06	0.12	
4148	4171	122.33	80	100	13.65	0.03	0.04	
4149	4172	105.41	80	100	7.08	0.02	0.01	
4150	4173	49.2	80	100	0.99	0	0	
4151	4174	36.4	80	100	50.46	0.12	0.48	
4152	4175	147.02	80	100	21.75	0.05	0.1	
4153	4176	25.32	80	100	74.11	0.17	0.97	
4154	4177	27.81	80	100	35.45	0.08	0.25	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
4155	4178	102.85	80	100	3.03	0.01	0	
4156	4179	186.92	80	100	3.75	0.01	0	
4157	4180	102.81	80	100	9.09	0.02	0.02	
4158	4181	78.88	80	100	3.93	0.01	0	
4159	4182	20.76	80	100	2.17	0	0	
4160	4183	102.93	80	100	4.74	0.01	0.01	
4161	4184	143.37	80	100	8.03	0.02	0.02	
4162	4185	156.9	80	100	7.46	0.02	0.01	
4163	4186	83.03	80	100	7.93	0.02	0.02	
4164	4187	268.14	300	100	1007.67	0.16	0.2	
4165	4188	256.34	300	100	710.21	0.12	0.1	
4166	4189	36.61	80	100	15.18	0.03	0.05	
4167	4190	74.11	200	100	92.72	0.03	0.02	
4168	4191	27.79	150	100	449.68	0.29	1.28	
4169	4192	212.63	100	100	26.35	0.04	0.05	
4170	4193	69.93	100	100	19.15	0.03	0.03	
4171	4194	8.44	100	100	10.75	0.02	0.01	
4172	4195	126.3	100	100	2.55	0	0	
4173	4196	124.44	100	100	10.46	0.02	0.01	
4174	4197	12.22	100	100	13.93	0.02	0.01	
4175	4198	55.03	100	100	13.09	0.02	0.01	
4176	4199	292.88	100	100	12.35	0.02	0.01	
4177	4200	42.26	100	100	32.81	0.05	0.07	
4178	4201	197.77	100	100	15.13	0.02	0.02	
4179	4202	0.3	100	100	242.59	0.36	2.95	
4180	4203	156.82	100	100	69.86	0.1	0.29	
4181	4204	79.36	100	100	0.00	0	0	
4182	4205	8.82	100	100	29.21	0.04	0.06	
4183	4206	105.61	100	100	37.67	0.06	0.09	
4184	4207	82.32	100	100	29.87	0.04	0.06	
4185	4208	87.37	100	100	26.85	0.04	0.05	
4186	4209	73.98	100	100	5.95	0.01	0	
4187	4210	83.46	100	100	48.19	0.07	0.15	
4188	4211	65.54	100	100	26.87	0.04	0.05	
4189	4212	49.46	100	100	10.19	0.02	0.01	
4190	4213	65.92	100	100	2.51	0	0	
4191	4214	72.57	100	100	8.89	0.01	0.01	
4192	4215	123.29	100	100	38.66	0.06	0.1	
4193	4216	33.38	100	100	9.07	0.01	0.01	
4194	4217	41.6	100	100	21.63	0.03	0.03	
4195	4218	89.49	100	100	40.53	0.06	0.11	
4196	4219	5.5	100	100	16.26	0.02	0.02	
4197	4220	30.68	100	100	43.34	0.06	0.12	
4198	4221	77.62	100	100	23.19	0.03	0.04	
4199	4222	127.42	100	100	36.75	0.05	0.09	
4200	4223	126.76	100	100	0.00	0	0	
4201	4224	179.86	100	100	9.89	0.01	0.01	
4202	4225	151.55	100	100	10.85	0.02	0.01	
4203	4226	38.99	100	100	37.97	0.06	0.09	
4204	4227	128.61	100	100	4.13	0.01	0	
4205	4228	39.23	100	100	22.32	0.03	0.04	
4206	4229	35.95	100	100	4.70	0.01	0	
4207	4230	76.69	100	100	4.46	0.01	0	
4208	4231	37.72	100	100	5.33	0.01	0	
4209	4232	85.74	100	100	26.79	0.04	0.05	
4210	4233	70.19	100	100	7.77	0.01	0.01	
4211	4234	75.51	100	100	15.75	0.02	0.02	
4212	4235	40.82	100	100	28.68	0.04	0.06	
4213	4236	57.19	100	100	43.94	0.06	0.12	
4214	4237	41.92	100	100	59.91	0.09	0.22	
4215	4238	30.94	100	100	1.07	0	0	
4216	4239	153.81	100	100	36.61	0.05	0.09	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
4217	4240	42.31	100	100	3.62	0.01	0	
4218	4241	105.84	100	100	31.83	0.05	0.07	
4219	4242	39.54	100	100	68.73	0.1	0.29	
4220	4244	236.72	100	100	4.43	0.01	0	
4221	4245	320.32	100	100	22.03	0.03	0.03	
4222	4246	244.3	100	100	35.46	0.05	0.08	
4223	4247	39.98	100	100	75.87	0.11	0.34	
4224	4248	98.11	100	100	20.02	0.03	0.03	
4225	4249	26.77	100	100	66.98	0.1	0.27	
4226	4250	26.77	100	100	103.98	0.15	0.61	
4227	4251	37.93	100	100	77.08	0.11	0.35	
4228	4252	36.85	100	100	81.48	0.12	0.39	
4229	4253	39.98	100	100	82.66	0.12	0.4	
4230	4254	123.97	100	100	102.68	0.15	0.6	
4231	4255	94.14	100	100	14.29	0.02	0.02	
4232	4256	37.93	100	100	70.25	0.1	0.3	
4233	4257	98.11	100	100	7.80	0.01	0.01	
4234	4258	36.85	100	100	48.65	0.07	0.15	
4235	4259	98.11	100	100	19.09	0.03	0.03	
4236	4260	98.11	100	100	42.47	0.06	0.12	
4237	4261	171.32	150	100	353.55	0.23	0.82	
4238	4262	84.34	150	100	344.27	0.23	0.78	
4239	4263	131.35	150	100	41.62	0.03	0.01	
4240	4264	15.27	150	100	173.87	0.11	0.22	
4241	4265	184.48	150	100	71.50	0.05	0.04	
4242	4266	34.02	150	100	88.60	0.06	0.06	
4243	4267	8.54	150	100	116.58	0.08	0.1	
4244	4268	43.02	150	100	138.18	0.09	0.14	
4245	4269	53.66	150	100	49.74	0.03	0.02	
4246	4270	34.19	150	100	203.50	0.13	0.3	
4247	4272	31.64	150	100	25.40	0.02	0.01	
4248	4273	174.44	150	100	106.02	0.07	0.09	
4249	4274	687.21	150	100	17.68	0.01	0	
4250	4275	402.82	150	100	162.93	0.11	0.2	
4251	4276	795.29	200	100	2199.18	0.81	5.97	
4252	4277	140.51	200	100	163.50	0.06	0.05	
4253	4278	89.34	200	100	190.26	0.07	0.06	
4254	4279	54.43	200	100	138.28	0.05	0.04	
4255	4280	166.74	200	100	182.98	0.07	0.06	
4256	4281	8.38	200	100	85.27	0.03	0.01	
4257	4282	16.32	200	100	5.28	0	0	
4258	4283	120.55	200	100	251.96	0.09	0.11	
4259	4284	92.34	200	100	258.81	0.1	0.11	
4260	4285	31.23	200	100	104.36	0.04	0.02	
4261	4286	42.45	200	100	26.08	0.01	0	
4262	4287	36.91	200	100	251.91	0.09	0.11	
4263	4288	39.9	200	100	56.06	0.02	0.01	
4264	4289	31.53	200	100	159.30	0.06	0.05	
4265	4291	107.79	200	100	218.43	0.08	0.08	
4266	4292	53.29	200	100	466.41	0.17	0.34	
4267	4293	60.47	200	100	490.23	0.18	0.37	
4268	4294	10.2	200	100	1401.64	0.52	2.59	
4269	4295	114.76	200	100	617.26	0.23	0.57	
4270	4296	5.95	300	100	659.23	0.11	0.09	
4271	4297	51.11	300	100	454.11	0.07	0.04	
4272	4298	77.77	300	100	38.40	0.01	0	
4273	4299	21.1	300	100	350.85	0.06	0.03	
4274	4300	38.38	300	100	284.81	0.05	0.02	
4275	4301	85.01	300	100	90.10	0.01	0	
4276	4302	116.04	300	100	534.47	0.09	0.06	
4277	4303	47.25	300	100	333.72	0.05	0.03	
4278	4304	73.99	300	100	462.70	0.08	0.05	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
4279	4305	370.5	300	100	464.51	0.08	0.05	
4280	4306	244.31	300	100	274.04	0.04	0.02	
4281	4307	33.28	300	100	727.18	0.12	0.11	
4282	4308	63.19	300	100	327.26	0.05	0.02	
4283	4309	61.69	300	100	327.26	0.05	0.02	
4284	4310	80.16	300	100	429.94	0.07	0.04	
4285	4311	27.55	300	100	4.45	0	0	
4286	4312	60.47	300	100	410.30	0.07	0.04	
4287	4313	53.29	300	100	446.01	0.07	0.04	
4288	4314	244.31	300	100	918.14	0.15	0.16	
4289	4315	133.42	400	100	418.26	0.04	0.01	
4290	4316	121.48	400	100	1366.24	0.13	0.08	
4291	4317	17.56	400	100	1383.02	0.13	0.09	
4292	4318	280.97	400	100	1236.18	0.11	0.07	
4293	4319	347.47	500	100	2637.63	0.16	0.1	
4294	4320	25	600	100	1798.14	0.07	0.02	
4295	4321	252.83	600	100	1718.99	0.07	0.02	
4296	4322	498.36	80	100	15.96	0.04	0.06	
4297	4323	134.65	80	100	0.00	0	0	
4298	4324	2354.6	150	100	97.53	0.06	0.08	
4299	4325	616.21	200	100	69.80	0.03	0.01	
4300	4326	100.81	200	100	424.32	0.16	0.28	
4301	4327	385.56	200	100	115.10	0.04	0.03	
4302	4328	85.57	300	100	0.00	0	0	
4303	4329	20.99	100	100	33.34	0.05	0.07	
4304	4330	155.06	80	100	5.33	0.01	0.01	
4305	4331	41.73	400	100	57.36	0.01	0	
4306	4332	22.39	100	100	9.48	0.01	0.01	
4307	4333	120.49	300	100	195.82	0.03	0.01	
4308	4334	163.21	80	100	7.96	0.02	0.02	
4309	4335	41.06	80	100	3.83	0.01	0	
4310	4336	724.19	500	100	4484.59	0.26	0.26	
4311	4337	310.48	900	100	24485.92	0.45	0.34	
4312	4338	2089.53	900	100	5978.75	0.11	0.03	
4313	4339	702.71	900	100	17116.31	0.31	0.18	
4314	4340	1028.73	900	100	19757.96	0.36	0.23	
4315	4341	56.21	900	100	10292.07	0.19	0.07	
4316	4342	1443.61	900	100	0.00	0	0	
4317	4343	392.11	80	100	31.73	0.07	0.2	
4318	4344	147.44	80	100	39.16	0.09	0.3	
4319	4345	118.21	80	100	572.00	1.32	42.79	
4320	4346	261.52	80	100	3.84	0.01	0	
4321	4347	507.76	80	100	0.40	0	0	
4322	4348	160.41	80	100	2.15	0	0	
4323	4349	166.35	80	100	2.66	0.01	0	
4324	4350	248.74	80	100	24.53	0.06	0.13	
4325	4351	127.87	80	100	10.00	0.02	0.02	
4326	4352	42.82	80	100	0.10	0	0	
4327	4353	39.75	80	100	11.23	0.03	0.03	
4328	4354	96.83	80	100	27.70	0.06	0.16	
4329	4355	36.17	80	100	44.36	0.1	0.38	
4330	4356	136.81	80	100	88.69	0.2	1.36	
4331	4357	129.45	80	100	56.75	0.13	0.59	
4332	4358	292.61	80	100	13.64	0.03	0.04	
4333	4359	274.27	80	100	168.54	0.39	4.45	
4334	4360	348.85	80	100	0.00	0	0	
4335	4361	741.58	80	100	0.00	0	0	
4336	4362	265.86	80	100	10.00	0.02	0.02	
4337	4363	48.77	80	100	91.63	0.21	1.44	
4338	4364	140.97	80	100	13.79	0.03	0.04	
4339	4365	299.5	80	100	35.69	0.08	0.25	
4340	4366	190.04	80	100	11.36	0.03	0.03	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
4341	4367	130.8	80	100	5.30	0.01	0.01	
4342	4368	136.24	80	100	3.28	0.01	0	
4343	4369	150.25	80	100	18.25	0.04	0.07	
4344	4370	113.23	80	100	0.79	0	0	
4345	4371	112.99	80	100	1.72	0	0	
4346	4372	135.2	80	100	15.88	0.04	0.06	
4347	4373	115.53	80	100	75.16	0.17	1	
4348	4374	117.31	80	100	79.99	0.18	1.12	
4349	4375	113.25	80	100	1.52	0	0	
4350	4376	115.11	80	100	29.76	0.07	0.18	
4351	4377	111.99	80	100	44.93	0.1	0.37	
4352	4378	104.29	80	100	25.24	0.06	0.13	
4353	4379	83.82	80	100	0.33	0	0	
4354	4380	150.07	80	100	21.85	0.05	0.1	
4355	4381	33.85	80	100	35.13	0.08	0.24	
4356	4382	108.47	80	100	6.67	0.02	0.01	
4357	4383	117.47	80	100	86.87	0.2	1.3	
4358	4384	46.81	80	100	12.15	0.03	0.03	
4359	4385	34.93	80	100	10.76	0.02	0.03	
4360	4386	143.5	80	100	38.16	0.09	0.28	
4361	4387	151.38	80	100	6.19	0.01	0.01	
4362	4388	146.73	80	100	7.52	0.02	0.01	
4363	4389	75.14	80	100	1.91	0	0	
4364	4390	40.52	80	100	18.16	0.04	0.07	
4365	4391	40.02	80	100	20.61	0.05	0.09	
4366	4392	44.63	80	100	18.18	0.04	0.07	
4367	4393	30.46	80	100	5.67	0.01	0.01	
4368	4394	28.49	80	100	5.75	0.01	0.01	
4369	4395	84.65	80	100	0.18	0	0	
4370	4396	102	80	100	7.53	0.02	0.01	
4371	4397	35.87	80	100	13.52	0.03	0.04	
4372	4398	101.64	80	100	8.79	0.02	0.02	
4373	4399	39.61	80	100	0.57	0	0	
4374	4400	152.06	80	100	2.67	0.01	0	
4375	4401	263.84	80	100	35.92	0.08	0.25	
4376	4402	149.81	80	100	96.04	0.22	1.57	
4377	4403	189.21	80	100	75.80	0.17	1.01	
4378	4404	117.84	80	100	15.85	0.04	0.06	
4379	4405	166.14	80	100	11.79	0.03	0.03	
4380	4406	40.65	80	100	50.32	0.12	0.47	
4381	4407	37	80	100	52.34	0.12	0.51	
4382	4408	37.95	80	100	62.45	0.14	0.71	
4383	4409	109.32	80	100	16.89	0.04	0.06	
4384	4410	22.24	80	100	8.66	0.02	0.02	
4385	4411	39.62	80	100	45.09	0.1	0.39	
4386	4412	57.6	80	100	15.62	0.04	0.05	
4387	4413	44.16	80	100	58.92	0.14	0.64	
4388	4414	110	80	100	10.61	0.02	0.03	
4389	4415	106.47	80	100	13.01	0.03	0.04	
4390	4416	148.89	80	100	14.37	0.03	0.05	
4391	4417	41.11	80	100	18.50	0.04	0.07	
4392	4418	68.27	80	100	12.66	0.03	0.04	
4393	4419	13.85	80	100	23.13	0.05	0.11	
4394	4420	44.51	80	100	33.94	0.08	0.23	
4395	4421	101.51	80	100	6.00	0.01	0.01	
4396	4422	200.14	80	100	3.17	0.01	0	
4397	4423	100.57	80	100	10.18	0.02	0.02	
4398	4424	225.91	80	100	1.97	0	0	
4399	4425	270.88	80	100	16.96	0.04	0.06	
4400	4426	504.6	80	100	20.68	0.05	0.09	
4401	4427	123.93	80	100	11.02	0.03	0.03	
4402	4428	35.14	80	100	7.73	0.02	0.01	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
4403	4429	122.58	80	100	16.73	0.04	0.06	
4404	4430	105.2	80	100	6.17	0.01	0.01	
4405	4431	90.41	80	100	25.23	0.06	0.13	
4406	4432	104.48	80	100	14.98	0.03	0.05	
4407	4433	251.7	80	100	22.14	0.05	0.1	
4408	4434	39.77	80	100	11.68	0.03	0.03	
4409	4435	134.16	80	100	13.76	0.03	0.04	
4410	4436	36.23	80	100	12.31	0.03	0.03	
4411	4437	94.19	80	100	16.66	0.04	0.06	
4412	4438	36.38	80	100	38.48	0.09	0.29	
4413	4439	91.21	80	100	23.77	0.05	0.12	
4414	4440	29.65	80	100	29.04	0.07	0.17	
4415	4441	91.71	80	100	8.33	0.02	0.02	
4416	4442	443.36	80	100	64.46	0.15	0.75	
4417	4443	162.83	80	100	10.17	0.02	0.02	
4418	4444	134.3	80	100	11.05	0.03	0.03	
4419	4445	112.67	80	100	14.89	0.03	0.05	
4420	4446	101.6	80	100	18.36	0.04	0.07	
4421	4447	25.18	80	100	14.54	0.03	0.05	
4422	4448	185.26	80	100	24.10	0.06	0.12	
4423	4449	0.34	80	100	0.00	0	0	
4424	4450	215.02	80	100	18.94	0.04	0.08	
4425	4451	91.99	80	100	8.55	0.02	0.02	
4426	4452	97.77	80	100	12.36	0.03	0.04	
4427	4453	26.27	80	100	472.95	1.09	30.09	
4428	4454	238.34	80	100	2.00	0	0	
4429	4455	41.57	80	100	130.32	0.3	2.76	
4430	4456	218.38	80	100	53.21	0.12	0.53	
4431	4457	65.73	80	100	9.89	0.02	0.02	
4432	4458	270.15	80	100	0.00	0	0	
4433	4459	38.88	80	100	7.10	0.02	0.01	
4434	4460	122.36	80	100	6.27	0.01	0.01	
4435	4461	194.36	80	100	71.18	0.16	0.9	
4436	4462	181.72	80	100	36.71	0.08	0.26	
4437	4463	115.14	80	100	30.52	0.07	0.19	
4438	4464	35.51	80	100	128.07	0.29	2.68	
4439	4465	32.8	80	100	47.93	0.11	0.43	
4440	4466	35.05	80	100	55.14	0.13	0.56	
4441	4467	265.36	80	100	34.22	0.08	0.23	
4442	4468	157.29	80	100	18.36	0.04	0.07	
4443	4469	48.67	80	100	498.96	1.15	33.23	
4444	4470	207.56	80	100	260.81	0.6	9.99	
4445	4471	120.51	80	100	20.99	0.05	0.09	
4446	4472	39.15	80	100	16.82	0.04	0.06	
4447	4473	112.51	80	100	23.98	0.06	0.12	
4448	4474	319.65	80	100	82.39	0.19	1.18	
4449	4475	79.24	80	100	7.98	0.02	0.01	
4450	4476	71.89	80	100	9.38	0.02	0.02	
4451	4477	45.2	80	100	7.76	0.02	0.01	
4452	4478	23.39	80	100	15.28	0.04	0.05	
4453	4479	124.56	80	100	6.21	0.01	0.01	
4454	4480	102.19	80	100	11.82	0.03	0.03	
4455	4481	49.44	80	100	1.26	0	0.01	
4456	4482	135.06	80	100	4.73	0.01	0.01	
4457	4483	102	80	100	25.68	0.06	0.14	
4458	4484	48.91	80	100	42.11	0.1	0.34	
4459	4485	52.14	80	100	2.47	0.01	0	
4460	4486	159.59	80	100	0.72	0	0	
4461	4487	45.24	80	100	21.55	0.05	0.1	
4462	4488	37.71	80	100	44.69	0.1	0.38	
4463	4489	51.38	80	100	82.89	0.19	1.2	
4464	4490	94.61	80	100	21.25	0.05	0.1	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
4465	4491	81.87	80	100	90.17	0.21	1.4	
4466	4492	48.98	80	100	1.12	0	0	
4467	4493	42.66	80	100	75.14	0.17	1	
4468	4494	107.9	80	100	12.30	0.03	0.03	
4469	4495	49.17	80	100	18.03	0.04	0.07	
4470	4496	43.96	80	100	41.20	0.09	0.33	
4471	4497	111.63	80	100	38.27	0.09	0.29	
4472	4498	47.06	80	100	165.80	0.38	4.32	
4473	4499	107.38	80	100	19.91	0.05	0.09	
4474	4500	51.18	80	100	26.30	0.06	0.14	
4475	4501	45.98	80	100	9.08	0.02	0.02	
4476	4502	44.15	80	100	50.63	0.12	0.48	
4477	4503	110.48	80	100	22.57	0.05	0.11	
4478	4504	34.53	80	100	8.72	0.02	0.02	
4479	4505	37.22	80	100	62.91	0.14	0.72	
4480	4506	24.66	80	100	274.22	0.63	10.97	
4481	4507	93.2	80	100	53.16	0.12	0.53	
4482	4508	183.25	80	100	11.55	0.03	0.03	
4483	4509	33.73	80	100	2.00	0	0	
4484	4510	148.13	100	100	48.54	0.07	0.15	
4485	4511	116.49	80	100	37.68	0.09	0.28	
4486	4512	111.16	80	100	38.26	0.09	0.29	
4487	4513	39.09	80	100	37.62	0.09	0.28	
4488	4514	40.29	80	100	34.87	0.08	0.24	
4489	4515	87.96	80	100	21.29	0.05	0.1	
4490	4516	80.52	80	100	21.05	0.05	0.09	
4491	4517	73.97	80	100	3.84	0.01	0	
4492	4518	56.88	80	100	41.86	0.1	0.34	
4493	4519	68.55	80	100	36.74	0.08	0.27	
4494	4520	34.13	80	100	40.12	0.09	0.31	
4495	4521	41.5	80	100	300.69	0.69	13.01	
4496	4522	36.83	80	100	105.01	0.24	1.85	
4497	4523	784.38	80	100	28.39	0.07	0.16	
4498	4524	71.38	80	100	20.22	0.05	0.09	
4499	4525	56.35	80	100	8.84	0.02	0.02	
4500	4526	154.32	80	100	13.33	0.03	0.04	
4501	4527	33.03	80	100	47.55	0.11	0.43	
4502	4528	116.44	80	100	28.04	0.06	0.16	
4503	4529	39.1	80	100	64.84	0.15	0.76	
4504	4530	38.72	80	100	259.99	0.6	9.93	
4505	4531	40.17	80	100	42.77	0.1	0.35	
4506	4532	44.72	80	100	61.66	0.14	0.69	
4507	4533	37.2	80	100	218.80	0.5	7.22	
4508	4534	109.61	80	100	63.34	0.15	0.73	
4509	4535	26.69	80	100	11.30	0.03	0.03	
4510	4536	150.65	80	100	118.30	0.27	2.31	
4511	4537	120.01	80	100	41.37	0.1	0.33	
4512	4538	158.72	80	100	110.95	0.26	2.05	
4513	4539	168.59	80	100	45.20	0.1	0.39	
4514	4540	197	80	100	98.97	0.23	1.66	
4515	4541	41.77	80	100	214.70	0.49	6.97	
4516	4542	371.41	80	100	8.39	0.02	0.02	
4517	4543	153.9	80	100	417.38	0.96	23.87	
4518	4544	97.17	80	100	81.94	0.19	1.17	
4519	4545	1046.48	80	100	0.00	0	0	
4520	4546	869.13	80	100	1.98	0	0	
4521	4547	200.97	80	100	2.49	0.01	0	
4522	4548	1382.66	80	100	0.42	0	0	
4523	4549	195.23	80	100	80.32	0.18	1.13	
4524	4550	730.01	80	100	3.99	0.01	0	
4525	4551	42.22	80	100	216.12	0.5	7.05	
4526	4552	38.09	80	100	160.73	0.37	4.08	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
4527	4553	37.91	80	100	70.98	0.16	0.9	
4528	4554	219.66	80	100	160.22	0.37	4.05	
4529	4555	75.1	80	100	89.36	0.21	1.37	
4530	4556	106.78	80	100	2.98	0.01	0	
4531	4557	6.49	80	100	55.19	0.13	0.56	
4532	4558	88.43	80	100	13.18	0.03	0.04	
4533	4559	68.48	80	100	26.65	0.06	0.14	
4534	4560	48.34	80	100	23.32	0.05	0.11	
4535	4561	101.19	80	100	43.04	0.1	0.36	
4536	4562	43.14	80	100	70.85	0.16	0.89	
4537	4563	109.73	80	100	275.93	0.64	11.09	
4538	4564	140.3	80	100	4.11	0.01	0	
4539	4565	104.66	80	100	15.61	0.04	0.05	
4540	4566	97.76	80	100	26.04	0.06	0.14	
4541	4567	626.36	80	100	2.15	0	0	
4542	4568	198.74	80	100	144.69	0.33	3.36	
4543	4569	187.35	80	100	149.52	0.34	3.57	
4544	4570	40.29	80	100	194.49	0.45	5.8	
4545	4571	36.21	80	100	52.53	0.12	0.51	
4546	4572	37.1	80	100	204.18	0.47	6.35	
4547	4573	311.88	80	100	88.21	0.2	1.34	
4548	4574	296.31	80	100	77.90	0.18	1.07	
4549	4575	76.59	80	100	92.51	0.21	1.47	
4550	4576	29.36	80	100	155.05	0.36	3.81	
4551	4577	65.12	80	100	16.28	0.04	0.06	
4552	4578	44.11	80	100	94.78	0.22	1.53	
4553	4579	64.69	80	100	17.56	0.04	0.07	
4554	4580	59.39	80	100	6.08	0.01	0.01	
4555	4581	69.6	80	100	141.25	0.33	3.21	
4556	4582	214.47	80	100	38.91	0.09	0.29	
4557	4583	60.8	80	100	97.08	0.22	1.6	
4558	4584	54.01	80	100	56.06	0.13	0.58	
4559	4585	118.18	80	100	43.99	0.1	0.37	
4560	4586	46.91	80	100	116.72	0.27	2.25	
4561	4587	46.03	80	100	27.81	0.06	0.16	
4562	4588	98.72	80	100	15.49	0.04	0.05	
4563	4589	49.31	80	100	21.93	0.05	0.1	
4564	4590	160.46	80	100	20.22	0.05	0.09	
4565	4591	51.71	80	100	32.69	0.08	0.21	
4566	4592	49.31	80	100	180.82	0.42	5.07	
4567	4593	101.79	80	100	22.56	0.05	0.11	
4568	16684	84.65	80	100	24.92	0.06	0.13	
4569	4594	361.5	80	100	80.54	0.19	1.13	
4570	4595	40.96	80	100	236.87	0.55	8.36	
4571	4596	36.24	80	100	167.37	0.39	4.39	
4572	4597	43.63	80	100	128.98	0.3	2.71	
4573	4598	126.3	80	100	30.38	0.07	0.19	
4574	4599	46.8	80	100	96.95	0.22	1.6	
4575	4600	85.47	80	100	2.16	0	0	
4576	4601	77.55	80	100	284.99	0.66	11.78	
4577	4602	41.31	80	100	244.46	0.56	8.86	
4578	4603	36.2	80	100	176.19	0.41	4.83	
4579	4604	80.02	80	100	65.81	0.15	0.78	
4580	4605	55.51	80	100	46.64	0.11	0.41	
4581	4606	65.61	80	100	55.69	0.13	0.57	
4582	4607	108	80	100	83.52	0.19	1.21	
4583	4608	111.97	80	100	121.61	0.28	2.43	
4584	4609	87.26	80	100	59.51	0.14	0.65	
4585	4610	85.49	80	100	46.63	0.11	0.41	
4586	4611	32.73	80	100	56.68	0.13	0.59	
4587	4612	36.89	80	100	32.52	0.07	0.21	
4588	4613	650.29	80	100	6.47	0.01	0.01	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
4589	4614	272.65	80	100	15.47	0.04	0.05	
4590	4615	180.49	80	100	17.52	0.04	0.07	
4591	4616	130.85	80	100	25.97	0.06	0.14	
4592	4617	1602.11	80	100	200.66	0.46	6.15	
4593	4618	196.8	80	100	77.54	0.18	1.06	
4594	4619	538.08	80	100	1.95	0	0	
4595	4620	359.8	600	100	11744.83	0.48	0.63	
4596	4621	298.36	600	100	464.51	0.02	0	
4597	4622	94.12	600	100	474.51	0.02	0	
4598	4623	1.61	600	100	1642.19	0.07	0.02	
4599	4624	8.86	600	100	35538.06	1.45	4.9	
4600	4625	13.1	600	100	5019.70	0.21	0.13	
4601	4626	117.08	600	100	5005.26	0.2	0.13	
4602	4627	588.34	600	100	5121.24	0.21	0.14	
4603	4628	216.48	600	100	5021.40	0.21	0.13	
4604	4629	141.98	600	100	4435.04	0.18	0.1	
4605	4630	468.53	600	100	9756.76	0.4	0.45	
4606	4631	144.4	600	100	5421.61	0.22	0.15	
4607	4632	140.05	600	100	5919.88	0.24	0.18	
4608	4633	141.13	600	100	5753.59	0.24	0.17	
4609	4634	83.29	600	100	5991.72	0.25	0.18	
4610	4635	72.31	600	100	6174.45	0.25	0.19	
4611	4636	212.27	600	100	10045.34	0.41	0.47	
4612	4637	266.46	600	100	40.78	0	0	
4613	4638	104.16	600	100	8042.05	0.33	0.31	
4614	4639	678.89	600	100	7572.04	0.31	0.28	
4615	4640	244.92	600	100	5747.17	0.24	0.17	
4616	4641	654.74	600	100	4585.06	0.19	0.11	
4617	4642	1101.08	600	100	0.00	0	0	
4618	4643	226.64	600	100	7492.22	0.31	0.27	
4619	4644	245.83	600	100	2510.43	0.1	0.04	
4620	4645	342.76	600	100	2532.24	0.1	0.04	
4621	4646	177.26	600	100	5410.19	0.22	0.15	
4622	4647	51.71	600	100	9611.45	0.39	0.43	
4623	4648	133.74	600	100	10672.13	0.44	0.53	
4624	4649	92.23	600	100	7021.42	0.29	0.24	
4625	4650	487.73	600	100	490.34	0.02	0	
4626	4651	280.52	600	100	474.84	0.02	0	
4627	4652	45.22	600	100	1198.29	0.05	0.01	
4628	4653	128.61	600	100	7969.26	0.33	0.31	
4629	4654	255.38	600	100	22676.23	0.93	2.13	
4630	4655	211.68	600	100	21634.37	0.89	1.95	
4631	4656	510.61	600	100	21997.25	0.9	2.02	
4632	4657	587.77	600	100	18586.49	0.76	1.47	
4633	4658	1171.41	600	100	15085.61	0.62	1	
4634	4659	5.33	600	100	0.00	0	0	
4635	4660	373.01	600	100	0.00	0	0	
4636	4661	483.62	600	100	8472.05	0.35	0.34	
4637	4662	538.41	600	100	4663.58	0.19	0.11	
4638	4663	360.07	600	100	11254.49	0.46	0.58	
4639	4664	383.2	600	100	1227.58	0.05	0.01	
4640	4665	103.66	600	100	1227.58	0.05	0.01	
4641	4666	137.41	600	100	649.60	0.03	0	
4642	4667	282.83	600	100	373.48	0.02	0	
4643	4668	220.17	600	100	4.56	0	0	
4644	4669	454.68	600	100	8227.83	0.34	0.33	
4645	4670	308.13	600	100	16.03	0	0	
4646	4671	48.33	500	100	6857.77	0.4	0.57	
4647	4672	865.13	500	100	6835.41	0.4	0.56	
4648	4673	210.03	500	100	5706.67	0.34	0.4	
4649	4674	264.08	500	100	6749.68	0.4	0.55	
4650	4675	160.41	500	100	7085.02	0.42	0.6	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
4651	4676	48.99	500	100	5352.61	0.32	0.36	
4652	4677	11.76	500	100	642.14	0.04	0.01	
4653	4678	72.29	500	100	0.00	0	0	
4654	4679	218.2	500	100	5952.13	0.35	0.44	
4655	4680	253.59	500	100	2770.92	0.16	0.11	
4656	4681	150.51	500	100	7667.56	0.45	0.7	
4657	4682	510.12	500	100	8405.40	0.5	0.82	
4658	4683	425.44	500	100	2520.86	0.15	0.09	
4659	4684	196.47	500	100	890.51	0.05	0.01	
4660	4685	64.55	500	100	4682.45	0.28	0.28	
4661	4686	17.69	500	100	2804.96	0.17	0.11	
4662	4687	68.18	400	100	1562.01	0.14	0.11	
4663	4688	173.31	400	100	2288.30	0.21	0.22	
4664	4689	222.98	400	100	7702.12	0.71	2.08	
4665	4690	47.96	400	100	4373.05	0.4	0.73	
4666	4691	31.24	400	100	4963.41	0.46	0.92	
4667	4692	116.74	400	100	2500.78	0.23	0.26	
4668	4693	165.66	400	100	5511.42	0.51	1.12	
4669	4694	184.61	400	100	4526.81	0.42	0.78	
4670	4695	73.18	400	100	3790.83	0.35	0.56	
4671	4696	76.13	400	100	3005.75	0.28	0.36	
4672	4697	191.15	400	100	2982.61	0.27	0.36	
4673	4698	95.97	400	100	1534.14	0.14	0.1	
4674	4699	80.9	400	100	2231.19	0.21	0.21	
4675	4700	153.98	400	100	770.22	0.07	0.03	
4676	4701	81.27	400	100	1046.37	0.1	0.05	
4677	4702	373.41	400	100	4446.75	0.41	0.75	
4678	4703	319.2	400	100	639.66	0.06	0.02	
4679	4704	170.52	400	100	1797.75	0.17	0.14	
4680	4705	35.23	400	100	103.28	0.01	0	
4681	4706	66.3	400	100	2403.29	0.22	0.24	
4682	4707	25.87	400	100	324.41	0.03	0.01	
4683	4708	31.81	400	100	287.59	0.03	0	
4684	4709	44.27	400	100	238.05	0.02	0	
4685	4710	36.97	400	100	192.53	0.02	0	
4686	4711	37.35	400	100	143.19	0.01	0	
4687	4712	344.85	400	100	2376.14	0.22	0.24	
4688	4713	0.1	400	100	0.00	0	0	
4689	4714	39.71	400	100	1500.21	0.14	0.1	
4690	4715	320.23	400	100	2467.75	0.23	0.25	
4691	4716	67.93	400	100	3005.74	0.28	0.36	
4692	4717	487.48	400	100	4245.29	0.39	0.69	
4693	4718	399.62	400	100	9070.26	0.84	2.82	
4694	4719	39.55	400	100	3925.15	0.36	0.6	
4695	4720	716.35	400	100	2342.42	0.22	0.23	
4696	4721	156.33	400	100	1168.86	0.11	0.06	
4697	4722	209	400	100	3118.44	0.29	0.39	
4698	4723	34.77	400	100	1621.67	0.15	0.12	
4699	4724	887.47	400	100	5325.28	0.49	1.05	
4700	4725	384.62	600	100	4521.93	0.19	0.11	
4701	4726	23.06	400	100	4446.75	0.41	0.75	
4702	4727	370.41	400	100	4092.56	0.38	0.64	
4703	4728	463.33	400	100	10000.03	0.92	3.37	
4704	4729	321.37	400	100	5373.28	0.49	1.07	
4705	4730	441.11	400	100	1329.60	0.12	0.08	
4706	4731	114.97	400	100	2105.02	0.19	0.19	
4707	4732	188.07	400	100	2891.46	0.27	0.34	
4708	4733	383.39	400	100	4080.11	0.38	0.64	
4709	4734	318.96	400	100	1611.23	0.15	0.11	
4710	4735	175.15	400	100	1552.88	0.14	0.11	
4711	4736	130.98	400	100	4852.21	0.45	0.88	
4712	4737	72.15	400	100	4116.67	0.38	0.65	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
4713	4738	82.11	400	100	362.88	0.03	0.01	
4714	4739	85.83	400	100	912.78	0.08	0.04	
4715	4740	106.32	400	100	1069.07	0.1	0.05	
4716	4741	215.6	400	100	399.49	0.04	0.01	
4717	4742	39.12	400	100	361.78	0.03	0.01	
4718	4743	264.45	400	100	0.00	0	0	
4719	4744	405.56	400	100	431.52	0.04	0.01	
4720	4745	899.55	400	100	891.02	0.08	0.04	
4721	4746	159.3	400	100	955.18	0.09	0.04	
4722	4747	135.2	400	100	917.77	0.08	0.04	
4723	4748	87.56	400	100	6161.71	0.57	1.38	
4724	4749	112.09	350	100	384.77	0.05	0.02	
4725	4750	71.14	350	100	2335.25	0.28	0.44	
4726	4751	325.79	350	100	2365.52	0.28	0.45	
4727	4752	784.66	350	100	5511.42	0.66	2.14	
4728	4753	104.78	350	100	740.72	0.09	0.05	
4729	4754	221.11	350	100	101.55	0.01	0	
4730	4755	114.13	350	100	45.48	0.01	0	
4731	4756	52.71	350	100	224.09	0.03	0.01	
4732	4757	288.74	350	100	149.31	0.02	0	
4733	4758	250.63	350	100	1742.77	0.21	0.25	
4734	4759	890.81	350	100	1990.94	0.24	0.33	
4735	4760	77.26	350	100	248.17	0.03	0.01	
4736	4761	147.19	300	100	508.12	0.08	0.05	
4737	4762	67.85	300	100	396.85	0.06	0.03	
4738	4763	337.91	300	100	923.18	0.15	0.17	
4739	4764	160.1	300	100	251.99	0.04	0.01	
4740	4765	213.53	300	100	146.41	0.02	0.01	
4741	4766	144.31	300	100	174.43	0.03	0.01	
4742	4767	276.82	300	100	246.48	0.04	0.01	
4743	4768	138.79	300	100	119.02	0.02	0	
4744	4769	403.82	300	100	543.75	0.09	0.06	
4745	4770	58.65	300	100	219.07	0.04	0.01	
4746	4771	201.94	300	100	393.84	0.06	0.03	
4747	4772	283.78	300	100	36.02	0.01	0	
4748	4773	357.6	300	100	648.39	0.11	0.09	
4749	4774	419.98	300	100	837.06	0.14	0.14	
4750	4775	152.25	300	100	1086.53	0.18	0.22	
4751	4776	152.35	300	100	1031.54	0.17	0.2	
4752	4777	19.6	300	100	281.87	0.05	0.02	
4753	4778	534.36	300	100	1400.72	0.23	0.36	
4754	4779	76.1	300	100	2908.28	0.48	1.39	
4755	4780	69.38	300	100	733.93	0.12	0.11	
4756	4781	78.61	300	100	892.06	0.15	0.16	
4757	4782	64.82	300	100	332.01	0.05	0.02	
4758	4783	34.1	300	100	646.73	0.11	0.09	
4759	4784	16.88	300	100	706.17	0.12	0.1	
4760	4785	111.08	300	100	3046.08	0.5	1.52	
4761	4786	324.72	300	100	3082.37	0.5	1.55	
4762	4787	31.17	300	100	836.26	0.14	0.14	
4763	4788	32.19	300	100	1065.04	0.17	0.22	
4764	4789	245.11	300	100	685.01	0.11	0.1	
4765	4790	68.66	300	100	1306.10	0.21	0.32	
4766	4791	46.84	300	100	2962.55	0.49	1.44	
4767	4792	65.34	300	100	422.63	0.07	0.04	
4768	4793	116.95	300	100	1631.93	0.27	0.48	
4769	4794	41.73	300	100	1685.70	0.28	0.51	
4770	4795	104.5	300	100	3350.40	0.55	1.81	
4771	4796	33.95	300	100	569.05	0.09	0.07	
4772	4797	180.61	300	100	497.88	0.08	0.05	
4773	4798	48.06	300	100	1397.90	0.23	0.36	
4774	4799	376.79	300	100	703.77	0.12	0.1	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
4775	4800	31.34	300	100	1736.30	0.28	0.54	
4776	4801	66.83	300	100	1314.24	0.22	0.32	
4777	4802	14.52	300	100	585.77	0.1	0.07	
4778	4803	37	300	100	472.72	0.08	0.05	
4779	4804	56.99	300	100	431.93	0.07	0.04	
4780	4805	15.86	300	100	16.14	0	0	
4781	4806	11.73	300	100	27.96	0	0	
4782	4807	53.24	300	100	188.13	0.03	0.01	
4783	4808	10.53	300	100	125.44	0.02	0	
4784	4809	35.97	300	100	144.98	0.02	0.01	
4785	4810	84.79	300	100	65.40	0.01	0	
4786	4811	43.25	300	100	243.58	0.04	0.01	
4787	4812	49.49	300	100	198.81	0.03	0.01	
4788	4813	15.54	300	100	37.04	0.01	0	
4789	4814	7.07	300	100	281.76	0.05	0.02	
4790	4815	294.17	300	100	1107.32	0.18	0.23	
4791	4816	145.53	300	100	855.73	0.14	0.14	
4792	4817	300.39	300	100	315.84	0.05	0.02	
4793	4818	42.77	300	100	1775.61	0.29	0.56	
4794	4819	10.21	300	100	2052.96	0.34	0.73	
4795	4820	167.46	300	100	2288.30	0.37	0.89	
4796	4821	168.41	300	100	1739.23	0.28	0.54	
4797	4822	21.24	300	100	1911.29	0.31	0.64	
4798	4823	78.58	300	100	990.06	0.16	0.19	
4799	4824	414.9	300	100	0.00	0	0	
4800	4825	224.9	300	100	115.88	0.02	0	
4801	4826	338.14	300	100	95.78	0.02	0	
4802	4827	13.62	300	100	157.74	0.03	0.01	
4803	4828	88.91	300	100	282.91	0.05	0.02	
4804	4829	83.83	300	100	49.15	0.01	0	
4805	4830	282.88	300	100	233.42	0.04	0.01	
4806	4831	18.53	300	100	183.20	0.03	0.01	
4807	4832	23.71	300	100	200.31	0.03	0.01	
4808	4833	28.98	300	100	112.32	0.02	0	
4809	4834	85.27	300	100	53.86	0.01	0	
4810	4835	377.83	300	100	0.00	0	0	
4811	4836	32.05	300	100	519.01	0.08	0.06	
4812	4837	369.63	300	100	143.29	0.02	0.01	
4813	4838	174.85	300	100	216.12	0.04	0.01	
4814	4839	433.11	300	100	1013.03	0.17	0.2	
4815	4840	25.04	300	100	634.33	0.1	0.08	
4816	4841	145.67	300	100	1301.72	0.21	0.31	
4817	4842	30.54	300	100	1396.72	0.23	0.36	
4818	4843	143.29	300	100	1344.15	0.22	0.33	
4819	4844	63.58	300	100	2376.14	0.39	0.96	
4820	4845	26.96	300	100	1367.90	0.22	0.34	
4821	4846	3.51	300	100	1368.18	0.22	0.34	
4822	4847	91.43	300	100	1016.07	0.17	0.2	
4823	4848	134.03	300	100	1157.34	0.19	0.25	
4824	4849	11.46	300	100	2143.41	0.35	0.79	
4825	4850	166.01	300	100	393.34	0.06	0.03	
4826	4851	41.37	300	100	1699.50	0.28	0.51	
4827	4852	91.65	300	100	773.29	0.13	0.12	
4828	4853	47.81	300	100	1910.34	0.31	0.64	
4829	4854	107.52	300	100	1137.05	0.19	0.24	
4830	4855	127.76	300	100	287.28	0.05	0.02	
4831	4856	125.02	300	100	162.22	0.03	0.01	
4832	4857	51.9	300	100	284.96	0.05	0.02	
4833	4858	138.77	300	100	168.89	0.03	0.01	
4834	4859	47.24	300	100	365.84	0.06	0.03	
4835	4860	5.56	300	100	180.70	0.03	0.01	
4836	4861	119.01	300	100	202.74	0.03	0.01	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
4837	4862	161.62	300	100	0.00	0	0	
4838	4863	130.79	300	100	2375.85	0.39	0.96	
4839	4864	509.14	300	100	21.14	0	0	
4840	4865	54.41	300	100	764.92	0.13	0.12	
4841	4866	76.04	300	100	735.91	0.12	0.11	
4842	4867	205.32	300	100	4250.36	0.7	2.81	
4843	4868	243.01	300	100	1246.53	0.2	0.29	
4844	4869	234.43	300	100	1176.48	0.19	0.26	
4845	4870	260.99	300	100	147.30	0.02	0.01	
4846	4871	191.27	300	100	1270.32	0.21	0.3	
4847	4872	278.33	300	100	2391.21	0.39	0.97	
4848	4873	184.84	300	100	2441.46	0.4	1.01	
4849	4874	363.62	300	100	1256.48	0.21	0.29	
4850	4875	409.16	300	100	1082.77	0.18	0.22	
4851	4876	317.79	300	100	1079.57	0.18	0.22	
4852	4877	145.36	300	100	1415.73	0.23	0.37	
4853	4878	155.48	300	100	1316.47	0.22	0.32	
4854	4879	158.01	300	100	2126.58	0.35	0.78	
4855	4880	117.51	300	100	2642.35	0.43	1.16	
4856	4881	274.68	300	100	1555.89	0.25	0.44	
4857	4882	242.7	300	100	1201.44	0.2	0.27	
4858	4883	180.8	300	100	1263.22	0.21	0.3	
4859	4884	131.03	300	100	1727.76	0.28	0.53	
4860	4885	242.11	300	100	1249.75	0.2	0.29	
4861	4886	1444.87	300	100	719.33	0.12	0.1	
4862	4887	1202.26	300	100	885.66	0.15	0.15	
4863	4888	28.88	300	100	1032.64	0.17	0.2	
4864	4889	109.31	300	100	942.47	0.15	0.17	
4865	4890	316.5	200	100	591.22	0.22	0.52	
4866	4891	51	300	100	748.15	0.12	0.11	
4867	4892	396.98	300	100	1751.97	0.29	0.54	
4868	4893	589.58	300	100	1194.52	0.2	0.27	
4869	4894	664.9	300	100	391.64	0.06	0.03	
4870	4895	261.03	300	100	1101.19	0.18	0.23	
4871	4896	363.56	300	100	1968.66	0.32	0.68	
4872	4897	121.87	300	100	545.96	0.09	0.06	
4873	4898	718.98	300	100	563.81	0.09	0.07	
4874	4899	996.17	300	100	0.00	0	0	
4875	4900	95.47	300	100	302.15	0.05	0.02	
4876	4901	806.99	300	100	60.97	0.01	0	
4877	4902	134.02	300	100	2086.81	0.34	0.75	
4878	4903	97.12	300	100	1202.34	0.2	0.27	
4879	4904	135.86	300	100	469.31	0.08	0.05	
4880	4905	56.28	300	100	500.76	0.08	0.05	
4881	4906	68.73	300	100	1290.67	0.21	0.31	
4882	4907	73.25	300	100	1158.20	0.19	0.25	
4883	4908	64.28	300	100	660.22	0.11	0.09	
4884	4909	68.49	300	100	1776.81	0.29	0.56	
4885	4910	124.4	300	100	2444.51	0.4	1.01	
4886	4911	59.19	300	100	1614.92	0.26	0.47	
4887	4912	91.28	300	100	1787.72	0.29	0.56	
4888	4913	64.53	300	100	2130.06	0.35	0.78	
4889	4914	166.71	300	100	67.94	0.01	0	
4890	4915	178.69	300	100	847.25	0.14	0.14	
4891	4916	591.39	300	100	1725.47	0.28	0.53	
4892	4917	36.65	300	100	3041.12	0.5	1.51	
4893	4918	157.06	300	100	339.15	0.06	0.03	
4894	4919	53.99	300	100	1504.18	0.25	0.41	
4895	4920	221.01	300	100	3322.45	0.54	1.78	
4896	4921	222.19	300	100	1410.61	0.23	0.36	
4897	4922	37.57	300	100	1123.36	0.18	0.24	
4898	4923	113.79	300	100	2675.13	0.44	1.19	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
4899	4924	385.71	300	100	2662.79	0.44	1.18	
4900	4925	264.57	300	100	2540.24	0.42	1.08	
4901	4926	192.89	300	100	230.45	0.04	0.01	
4902	4927	57.22	300	100	495.64	0.08	0.05	
4903	4928	55.98	300	100	387.51	0.06	0.03	
4904	4929	78.85	300	100	356.26	0.06	0.03	
4905	4930	61.66	300	100	499.45	0.08	0.05	
4906	4931	23.75	300	100	465.69	0.08	0.05	
4907	4932	159.68	300	100	1192.37	0.2	0.27	
4908	4933	236.48	300	100	2244.51	0.37	0.86	
4909	4934	446.66	300	100	1489.05	0.24	0.4	
4910	4935	211.41	300	100	705.30	0.12	0.1	
4911	4936	51.06	300	100	1820.02	0.3	0.58	
4912	4937	36.73	300	100	737.04	0.12	0.11	
4913	4938	468.65	300	100	815.85	0.13	0.13	
4914	4939	316.19	300	100	1235.14	0.2	0.28	
4915	4940	282.82	300	100	2513.37	0.41	1.06	
4916	4941	84.01	300	100	78.52	0.01	0	
4917	4942	634.93	250	100	348.83	0.08	0.07	
4918	4943	416.44	250	100	190.01	0.04	0.02	
4919	4944	52.29	200	100	1368.49	0.5	2.48	
4920	4945	2243.06	200	100	172.74	0.06	0.05	
4921	4946	1110.11	200	100	606.95	0.22	0.55	
4922	4947	128.79	200	100	72.20	0.03	0.01	
4923	4948	347.44	200	100	195.19	0.07	0.07	
4924	4949	502.98	200	100	114.09	0.04	0.02	
4925	4950	498.5	200	100	73.90	0.03	0.01	
4926	4951	144.22	200	100	11.61	0	0	
4927	4952	136.54	200	100	96.85	0.04	0.02	
4928	4953	144.96	200	100	85.19	0.03	0.01	
4929	4954	143.09	200	100	44.95	0.02	0	
4930	4955	466.39	200	100	290.95	0.11	0.14	
4931	4956	213.41	200	100	60.92	0.02	0.01	
4932	4957	173.73	200	100	386.63	0.14	0.24	
4933	4958	232.91	200	100	109.30	0.04	0.02	
4934	4959	63.26	200	100	268.00	0.1	0.12	
4935	4960	74	200	100	268.88	0.1	0.12	
4936	4961	272.02	200	100	56.05	0.02	0.01	
4937	4962	201.2	200	100	141.41	0.05	0.04	
4938	4963	199.06	200	100	96.45	0.04	0.02	
4939	4964	193.7	200	100	452.54	0.17	0.32	
4940	4965	245.18	200	100	636.97	0.23	0.6	
4941	4966	136.9	200	100	354.17	0.13	0.2	
4942	4967	238.28	200	100	158.08	0.06	0.05	
4943	4968	100.67	200	100	342.89	0.13	0.19	
4944	4969	81.29	200	100	202.81	0.07	0.07	
4945	4970	81.84	200	100	502.12	0.18	0.39	
4946	4971	109.26	200	100	487.38	0.18	0.37	
4947	4972	75.55	200	100	360.61	0.13	0.21	
4948	4973	270.87	200	100	509.69	0.19	0.4	
4949	4974	267.59	200	100	547.65	0.2	0.45	
4950	4975	14.59	200	100	26.61	0.01	0	
4951	4976	54	200	100	502.41	0.19	0.39	
4952	4977	110.46	200	100	111.60	0.04	0.02	
4953	4978	143.66	200	100	51.61	0.02	0.01	
4954	4979	221.94	200	100	362.82	0.13	0.21	
4955	4980	33.19	200	100	419.83	0.15	0.28	
4956	4981	154.59	200	100	150.98	0.06	0.04	
4957	4982	121.04	200	100	422.49	0.16	0.28	
4958	4983	114.26	200	100	47.40	0.02	0	
4959	4984	85.23	200	100	900.85	0.33	1.14	
4960	4985	141.83	200	100	580.86	0.21	0.51	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
4961	4986	20.6	200	100	785.69	0.29	0.89	
4962	4987	31.78	200	100	820.12	0.3	0.96	
4963	4988	310.15	200	100	380.82	0.14	0.23	
4964	4989	33.22	200	100	42.19	0.02	0	
4965	4990	35.67	200	100	334.65	0.12	0.18	
4966	4991	52.06	200	100	624.04	0.23	0.58	
4967	4992	101.43	200	100	600.81	0.22	0.54	
4968	4993	22.37	200	100	1142.05	0.42	1.77	
4969	4994	116.8	200	100	416.25	0.15	0.27	
4970	4995	151	200	100	119.10	0.04	0.03	
4971	4996	352.1	200	100	50.56	0.02	0.01	
4972	4997	115.87	200	100	130.23	0.05	0.03	
4973	4998	113.25	200	100	510.09	0.19	0.4	
4974	4999	226.56	200	100	507.95	0.19	0.4	
4975	5000	69.3	200	100	239.52	0.09	0.1	
4976	5001	150.62	200	100	72.39	0.03	0.01	
4977	5002	190.04	200	100	91.11	0.03	0.02	
4978	5003	11.78	200	100	16.50	0.01	0	
4979	5004	152.18	200	100	455.78	0.17	0.32	
4980	5005	150.54	200	100	450.04	0.17	0.32	
4981	5006	29.29	200	100	399.83	0.15	0.25	
4982	5007	67.49	200	100	264.13	0.1	0.12	
4983	5008	10.85	200	100	136.90	0.05	0.04	
4984	5009	13.2	200	100	94.73	0.03	0.02	
4985	5010	115.24	200	100	324.31	0.12	0.17	
4986	5011	302.77	200	100	630.94	0.23	0.59	
4987	5012	20.14	200	100	346.12	0.13	0.19	
4988	5013	31	200	100	574.49	0.21	0.5	
4989	5014	128.3	200	100	178.25	0.07	0.06	
4990	5015	34.79	200	100	526.54	0.19	0.42	
4991	5016	49.46	200	100	416.53	0.15	0.27	
4992	5017	115.73	200	100	35.92	0.01	0	
4993	5018	53.98	200	100	120.46	0.04	0.03	
4994	5019	34.35	200	100	511.85	0.19	0.4	
4995	5020	34.96	200	100	601.93	0.22	0.54	
4996	5021	267.92	200	100	502.64	0.19	0.39	
4997	5022	545.08	200	100	469.62	0.17	0.34	
4998	5023	23.64	200	100	222.74	0.08	0.09	
4999	5024	50.95	200	100	183.10	0.07	0.06	
5000	5025	141.32	200	100	227.87	0.08	0.09	
5001	5026	41.12	200	100	218.56	0.08	0.08	
5002	5027	203.78	200	100	175.91	0.06	0.06	
5003	5028	35.9	200	100	149.02	0.05	0.04	
5004	5029	48.3	200	100	159.01	0.06	0.05	
5005	5030	120.58	200	100	165.18	0.06	0.05	
5006	5031	35.62	200	100	81.22	0.03	0.01	
5007	5032	55.87	200	100	227.46	0.08	0.09	
5008	5033	39.7	200	100	531.72	0.2	0.43	
5009	5034	42.54	200	100	506.00	0.19	0.39	
5010	5035	35.43	200	100	742.32	0.27	0.8	
5011	5036	48.73	200	100	42.27	0.02	0	
5012	5037	157.36	200	100	254.19	0.09	0.11	
5013	5038	61.13	200	100	16.85	0.01	0	
5014	5039	64.87	200	100	84.06	0.03	0.01	
5015	5040	42.57	200	100	121.42	0.04	0.03	
5016	5041	37.72	200	100	117.66	0.04	0.03	
5017	5042	37.74	200	100	80.95	0.03	0.01	
5018	5043	41.5	200	100	122.08	0.04	0.03	
5019	5044	92.01	200	100	271.33	0.1	0.12	
5020	5045	50.57	200	100	76.37	0.03	0.01	
5021	5046	36.51	200	100	262.94	0.1	0.12	
5022	5047	14.03	200	100	336.66	0.12	0.18	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
5023	5048	36.78	200	100	31.93	0.01	0	
5024	5050	64.29	200	100	64.59	0.02	0.01	
5025	5051	66.32	200	100	102.89	0.04	0.02	
5026	5052	37.13	200	100	402.96	0.15	0.26	
5027	5053	9.25	200	100	129.99	0.05	0.03	
5028	5054	53.64	200	100	275.58	0.1	0.13	
5029	5055	15.43	200	100	419.15	0.15	0.28	
5030	5056	37.04	200	100	141.87	0.05	0.04	
5031	5057	36.07	200	100	182.69	0.07	0.06	
5032	5058	9.3	200	100	475.25	0.18	0.35	
5033	5059	29.17	200	100	139.47	0.05	0.04	
5034	5060	92.27	200	100	85.62	0.03	0.01	
5035	5061	45.33	200	100	70.83	0.03	0.01	
5036	5062	44.31	200	100	117.51	0.04	0.03	
5037	5063	48.95	200	100	110.40	0.04	0.02	
5038	5064	37.84	200	100	102.61	0.04	0.02	
5039	5065	87.49	200	100	35.25	0.01	0	
5040	5066	42.15	200	100	4.13	0	0	
5041	5067	14.78	200	100	27.96	0.01	0	
5042	5068	34.12	200	100	27.13	0.01	0	
5043	5069	19.46	200	100	19.61	0.01	0	
5044	5070	185.9	200	100	91.00	0.03	0.02	
5045	5071	78.97	200	100	204.17	0.08	0.07	
5046	5072	38.82	200	100	43.81	0.02	0	
5047	5073	91.69	200	100	142.71	0.05	0.04	
5048	5074	55.61	200	100	166.57	0.06	0.05	
5049	5075	39.94	200	100	126.20	0.05	0.03	
5050	5076	28.44	200	100	83.13	0.03	0.01	
5051	5077	18.33	200	100	127.56	0.05	0.03	
5052	5078	28.82	200	100	99.41	0.04	0.02	
5053	5079	516.28	200	100	1641.52	0.6	3.47	
5054	5080	124.55	200	100	1544.65	0.57	3.1	
5055	5081	71.61	200	100	1831.91	0.67	4.26	
5056	5082	29.23	200	100	230.28	0.08	0.09	
5057	5083	34.24	200	100	121.05	0.04	0.03	
5058	5084	43.93	200	100	133.28	0.05	0.03	
5059	5085	45.83	200	100	27.21	0.01	0	
5060	5086	11.61	200	100	213.12	0.08	0.08	
5061	5087	69.69	200	100	212.84	0.08	0.08	
5062	5088	19.81	200	100	41.86	0.02	0	
5063	5089	157.74	200	100	354.56	0.13	0.2	
5064	5090	159.32	200	100	352.33	0.13	0.2	
5065	5091	356.38	200	100	0.00	0	0	
5066	5092	57.09	200	100	334.82	0.12	0.18	
5067	5093	326.13	200	100	351.79	0.13	0.2	
5068	5094	263.55	200	100	70.66	0.03	0.01	
5069	5095	194.26	200	100	302.36	0.11	0.15	
5070	5096	263.16	200	100	221.88	0.08	0.09	
5071	5097	315.82	200	100	204.69	0.08	0.07	
5072	5098	214.61	200	100	186.90	0.07	0.06	
5073	5099	233.09	200	100	111.53	0.04	0.02	
5074	5100	269.42	200	100	159.00	0.06	0.05	
5075	5101	70.58	200	100	182.23	0.07	0.06	
5076	5102	68.81	200	100	22.48	0.01	0	
5077	5103	69.91	200	100	151.47	0.06	0.04	
5078	5104	421.24	200	100	184.28	0.07	0.06	
5079	5105	40.74	200	100	294.99	0.11	0.14	
5080	5106	158.03	200	100	125.00	0.05	0.03	
5081	5107	79.97	200	100	99.08	0.04	0.02	
5082	5108	119.19	200	100	257.49	0.09	0.11	
5083	5109	232.92	200	100	265.12	0.1	0.12	
5084	5110	423.74	200	100	182.60	0.07	0.06	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
5085	5111	39.06	200	100	174.34	0.06	0.05	
5086	5112	60.36	200	100	223.92	0.08	0.09	
5087	5113	150.96	200	100	180.02	0.07	0.06	
5088	5114	128.43	200	100	161.94	0.06	0.05	
5089	5115	111.66	200	100	8.40	0	0	
5090	5116	394.25	200	100	55.56	0.02	0.01	
5091	5117	224.06	200	100	659.16	0.24	0.64	
5092	5118	154.73	200	100	582.15	0.21	0.51	
5093	5119	74.63	200	100	122.74	0.05	0.03	
5094	5120	70.07	200	100	17.94	0.01	0	
5095	5121	22.95	200	100	0.00	0	0	
5096	5122	35.93	200	100	39.77	0.01	0	
5097	5123	51.81	200	100	60.79	0.02	0.01	
5098	5124	73.63	200	100	126.43	0.05	0.03	
5099	5125	42.31	200	100	119.15	0.04	0.03	
5100	5126	33.23	200	100	0.00	0	0	
5101	5127	43.77	200	100	0.00	0	0	
5102	5128	185.76	200	100	168.77	0.06	0.05	
5103	5129	73.66	200	100	229.75	0.08	0.09	
5104	5130	67.16	200	100	950.22	0.35	1.26	
5105	5131	218.33	200	100	1075.97	0.4	1.59	
5106	5132	158.01	200	100	923.62	0.34	1.2	
5107	5133	123.67	200	100	225.66	0.08	0.09	
5108	5134	147.19	200	100	273.06	0.1	0.13	
5109	5135	150.02	200	100	23.49	0.01	0	
5110	5136	150.34	200	100	198.94	0.07	0.07	
5111	5137	88.8	200	100	121.69	0.04	0.03	
5112	5138	515.83	200	100	753.43	0.28	0.82	
5113	5139	282.15	200	100	663.95	0.24	0.65	
5114	5140	153.42	200	100	12.56	0	0	
5115	5141	119.64	200	100	394.31	0.15	0.25	
5116	5142	157.47	200	100	213.94	0.08	0.08	
5117	5143	54.14	200	100	1332.45	0.49	2.36	
5118	5144	120.69	200	100	408.42	0.15	0.26	
5119	5145	164.06	200	100	354.33	0.13	0.2	
5120	5146	154.54	200	100	1423.33	0.52	2.67	
5121	5147	215.13	200	100	1544.19	0.57	3.1	
5122	5148	182.01	200	100	236.37	0.09	0.1	
5123	5149	72.08	200	100	0.58	0	0	
5124	5150	109.35	200	100	159.57	0.06	0.05	
5125	5151	133.97	200	100	61.14	0.02	0.01	
5126	5152	530.76	200	100	0.00	0	0	
5127	5153	154.83	200	100	1765.09	0.65	3.97	
5128	5154	311.68	200	100	253.94	0.09	0.11	
5129	5155	428.31	200	100	144.84	0.05	0.04	
5130	5156	178.87	200	100	232.09	0.09	0.09	
5131	5157	175.54	200	100	477.43	0.18	0.35	
5132	5158	592.05	200	100	587.90	0.22	0.52	
5133	5159	812.64	200	100	1169.62	0.43	1.85	
5134	5160	187.51	200	100	2233.74	0.82	6.15	
5135	5161	150.32	200	100	337.19	0.12	0.19	
5136	5162	286.42	200	100	522.17	0.19	0.42	
5137	5163	35.37	200	100	174.03	0.06	0.05	
5138	5164	401.39	200	100	119.57	0.04	0.03	
5139	5165	24.46	200	100	10.00	0	0	
5140	5166	27.71	200	100	984.16	0.36	1.35	
5141	5167	174.09	200	100	409.17	0.15	0.27	
5142	5168	43.74	200	100	732.83	0.27	0.78	
5143	5169	73.92	200	100	548.85	0.2	0.46	
5144	5170	305.76	200	100	45.81	0.02	0	
5145	5171	82.8	200	100	467.46	0.17	0.34	
5146	5172	109.29	200	100	319.50	0.12	0.17	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
5147	5173	108.57	200	100	817.39	0.3	0.96	
5148	5174	76.05	200	100	417.65	0.15	0.28	
5149	5175	34.25	200	100	385.86	0.14	0.24	
5150	5176	21.24	200	100	597.25	0.22	0.53	
5151	5177	31.77	200	100	322.68	0.12	0.17	
5152	5178	731.41	200	100	266.68	0.1	0.12	
5153	5179	139.21	200	100	1310.38	0.48	2.29	
5154	5180	418.7	200	100	139.08	0.05	0.04	
5155	5181	152.72	200	100	584.45	0.22	0.51	
5156	5182	24.41	200	100	382.00	0.14	0.23	
5157	5183	108.45	200	100	220.38	0.08	0.08	
5158	5184	394.73	200	100	494.61	0.18	0.38	
5159	5185	58.39	200	100	54.85	0.02	0.01	
5160	5186	45.23	200	100	201.49	0.07	0.07	
5161	5187	47.4	200	100	250.57	0.09	0.11	
5162	5188	59.76	200	100	316.02	0.12	0.16	
5163	5189	551.74	200	100	164.50	0.06	0.05	
5164	5190	127.82	200	100	242.18	0.09	0.1	
5165	5191	44.33	200	100	528.87	0.19	0.43	
5166	5192	55.69	200	100	562.34	0.21	0.48	
5167	5193	685.46	200	100	153.66	0.06	0.04	
5168	5194	39.46	200	100	438.06	0.16	0.3	
5169	5195	47.8	200	100	404.20	0.15	0.26	
5170	5196	40.08	200	100	700.88	0.26	0.72	
5171	5197	42.34	200	100	952.99	0.35	1.27	
5172	5198	38.21	200	100	1109.94	0.41	1.68	
5173	5199	39.44	200	100	1269.78	0.47	2.16	
5174	5200	38.94	200	100	1435.60	0.53	2.71	
5175	5201	38.87	200	100	980.10	0.36	1.34	
5176	5202	3.76	200	100	607.41	0.22	0.55	
5177	5203	258.04	200	100	1556.22	0.57	3.15	
5178	5204	44.85	200	100	165.85	0.06	0.05	
5179	5205	169.39	200	100	1908.48	0.7	4.59	
5180	5206	126.39	200	100	840.32	0.31	1.01	
5181	5207	191.87	200	100	925.30	0.34	1.2	
5182	5208	166.73	200	100	391.42	0.14	0.24	
5183	5209	538.47	200	100	559.97	0.21	0.47	
5184	5210	47.54	200	100	63.48	0.02	0.01	
5185	5211	262.05	200	100	126.48	0.05	0.03	
5186	5212	45.2	200	100	706.30	0.26	0.73	
5187	5213	178.91	200	100	321.34	0.12	0.17	
5188	5214	147.34	200	100	213.95	0.08	0.08	
5189	5215	30.38	200	100	1123.36	0.41	1.72	
5190	5216	85.14	200	100	107.64	0.04	0.02	
5191	5217	58.36	200	100	206.53	0.08	0.07	
5192	5218	689.96	200	100	264.02	0.1	0.12	
5193	5219	143.44	200	100	288.97	0.11	0.14	
5194	5220	162.79	200	100	606.68	0.22	0.55	
5195	5221	155.49	200	100	10.23	0	0	
5196	5222	254.87	200	100	253.73	0.09	0.11	
5197	5223	84.81	200	100	436.88	0.16	0.3	
5198	5224	850.12	200	100	255.59	0.09	0.11	
5199	5225	315.96	200	100	393.09	0.14	0.25	
5200	5226	14.76	200	100	666.40	0.25	0.65	
5201	5227	2.53	200	100	668.61	0.25	0.66	
5202	5228	1155.01	200	100	392.61	0.14	0.25	
5203	5229	791.58	200	100	78.52	0.03	0.01	
5204	5230	63.93	200	100	739.99	0.27	0.79	
5205	5231	428.69	200	100	421.51	0.16	0.28	
5206	5232	167.09	200	100	29.50	0.01	0	
5207	5233	31.97	200	100	114.33	0.04	0.03	
5208	5234	128.64	200	100	620.02	0.23	0.57	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
5209	5235	86.66	200	100	456.52	0.17	0.32	
5210	5236	86.65	200	100	330.29	0.12	0.18	
5211	5237	80.64	200	100	94.98	0.03	0.02	
5212	5238	58.75	200	100	645.04	0.24	0.62	
5213	5239	31.49	200	100	339.49	0.13	0.19	
5214	5240	244.47	200	100	1153.89	0.43	1.81	
5215	5241	52.49	200	100	835.70	0.31	1	
5216	5242	40.81	200	100	31.81	0.01	0	
5217	5243	57.72	200	100	2310.40	0.85	6.54	
5218	5244	526.11	200	100	889.80	0.33	1.12	
5219	5245	883.64	200	100	404.26	0.15	0.26	
5220	5246	1860.85	200	100	401.20	0.15	0.26	
5221	5247	29.97	200	100	14.95	0.01	0	
5222	5248	903.39	150	100	58.46	0.04	0.03	
5223	5249	311.93	150	100	142.81	0.09	0.15	
5224	5250	244.74	150	100	73.53	0.05	0.04	
5225	5251	32.25	300	100	2950.97	0.48	1.43	
5226	5252	998.37	150	100	15.82	0.01	0	
5227	5253	1064.9	150	100	0.00	0	0	
5228	5254	108.69	150	100	468.08	0.31	1.38	
5229	5255	269.08	150	100	371.61	0.24	0.9	
5230	5256	315.28	150	100	39.04	0.03	0.01	
5231	5257	669.31	150	100	71.47	0.05	0.04	
5232	5258	528.86	150	100	10.72	0.01	0	
5233	5259	136.6	150	100	2.93	0	0	
5234	5260	49.51	150	100	183.09	0.12	0.24	
5235	5261	42.85	150	100	93.44	0.06	0.07	
5236	5262	154.94	150	100	648.45	0.42	2.53	
5237	5263	28.65	150	100	376.16	0.25	0.92	
5238	5264	36.24	150	100	199.28	0.13	0.28	
5239	5265	64.74	150	100	118.69	0.08	0.11	
5240	5266	33.87	150	100	82.76	0.05	0.06	
5241	5267	38.32	150	100	109.31	0.07	0.09	
5242	5268	37	150	100	71.84	0.05	0.04	
5243	5269	139.46	150	100	82.55	0.05	0.06	
5244	5270	161.22	150	100	36.64	0.02	0.01	
5245	5271	50.67	150	100	0.92	0	0	
5246	5272	43.79	150	100	170.86	0.11	0.21	
5247	5273	52.01	150	100	252.86	0.17	0.44	
5248	5274	116.56	150	100	77.33	0.05	0.05	
5249	5275	38.17	150	100	167.34	0.11	0.21	
5250	5276	255.23	150	100	162.93	0.11	0.2	
5251	5277	78.38	150	100	476.37	0.31	1.43	
5252	5278	49.89	150	100	47.35	0.03	0.02	
5253	5279	50.12	150	100	75.12	0.05	0.05	
5254	5280	135.21	150	100	97.63	0.06	0.08	
5255	5281	44.14	150	100	106.79	0.07	0.09	
5256	5282	70.48	150	100	185.90	0.12	0.25	
5257	5283	44.65	150	100	245.97	0.16	0.42	
5258	5284	146.51	150	100	882.34	0.58	4.47	
5259	5285	35.29	150	100	77.09	0.05	0.05	
5260	5286	39.09	150	100	117.36	0.08	0.11	
5261	5287	13.41	150	100	505.16	0.33	1.59	
5262	5288	67.4	150	100	126.26	0.08	0.12	
5263	5289	6.63	150	100	370.99	0.24	0.9	
5264	5290	8.91	150	100	214.21	0.14	0.32	
5265	5291	64.72	150	100	72.55	0.05	0.04	
5266	5292	69.49	150	100	73.95	0.05	0.05	
5267	5293	33.12	150	100	239.17	0.16	0.4	
5268	5294	38.02	150	100	164.46	0.11	0.2	
5269	5295	44.49	150	100	173.18	0.11	0.22	
5270	5296	139.88	150	100	86.50	0.06	0.06	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
5271	5297	231.93	150	100	424.03	0.28	1.15	
5272	5298	45.6	150	100	270.76	0.18	0.5	
5273	5299	41.47	150	100	116.72	0.08	0.11	
5274	5300	37.97	150	100	29.35	0.02	0.01	
5275	5301	90.23	150	100	19.51	0.01	0	
5276	5302	124.08	150	100	33.10	0.02	0.01	
5277	5303	37.3	150	100	17.13	0.01	0	
5278	5304	81.62	150	100	0.70	0	0	
5279	5305	93.39	150	100	126.41	0.08	0.12	
5280	5306	142.28	150	100	123.59	0.08	0.12	
5281	5307	31.96	150	100	171.19	0.11	0.21	
5282	5308	30.72	150	100	31.98	0.02	0.01	
5283	5309	42.73	150	100	54.28	0.04	0.03	
5284	5310	35.55	150	100	33.26	0.02	0.01	
5285	5311	5.65	150	100	11.59	0.01	0	
5286	5312	116.03	150	100	8.40	0.01	0	
5287	5313	38.09	150	100	83.68	0.05	0.06	
5288	5314	118.58	150	100	77.24	0.05	0.05	
5289	5315	38.6	150	100	23.07	0.02	0.01	
5290	5316	40.63	150	100	53.65	0.04	0.02	
5291	5317	76.89	150	100	61.28	0.04	0.03	
5292	5318	38.97	150	100	23.94	0.02	0.01	
5293	5319	80.41	150	100	175.71	0.12	0.22	
5294	5320	80.41	150	100	179.20	0.12	0.23	
5295	5321	137.53	150	100	9.88	0.01	0	
5296	5322	46.96	150	100	20.00	0.01	0	
5297	5323	140.76	150	100	12.23	0.01	0	
5298	5324	34.19	150	100	131.48	0.09	0.13	
5299	5325	451.6	150	100	172.88	0.11	0.22	
5300	5326	38.15	150	100	54.19	0.04	0.03	
5301	5327	45.8	150	100	23.13	0.02	0.01	
5302	5328	40.45	150	100	42.24	0.03	0.02	
5303	5329	246.71	150	100	10.30	0.01	0	
5304	5330	98.61	150	100	0.86	0	0	
5305	5331	38.11	150	100	103.13	0.07	0.08	
5306	5332	46.9	150	100	79.78	0.05	0.05	
5307	5333	38.81	150	100	44.79	0.03	0.02	
5308	5334	47.73	150	100	20.79	0.01	0	
5309	5335	369.88	150	100	0.00	0	0	
5310	5336	170.74	150	100	2.99	0	0	
5311	5337	182.89	150	100	75.51	0.05	0.05	
5312	5338	952.22	150	100	494.09	0.32	1.53	
5313	5339	39.85	150	100	110.94	0.07	0.1	
5314	5340	412.91	150	100	180.35	0.12	0.24	
5315	5341	62.6	150	100	160.42	0.11	0.19	
5316	5342	72.32	150	100	54.82	0.04	0.03	
5317	5343	167.52	150	100	0.00	0	0	
5318	5344	26.15	150	100	27.96	0.02	0.01	
5319	5345	128.01	150	100	114.11	0.07	0.1	
5320	5346	94.64	150	100	161.89	0.11	0.19	
5321	5347	40.79	150	100	53.42	0.03	0.02	
5322	5348	90.89	150	100	69.86	0.05	0.04	
5323	5349	46.54	150	100	106.97	0.07	0.09	
5324	5350	189.01	150	100	308.62	0.2	0.64	
5325	5351	48.3	150	100	201.89	0.13	0.29	
5326	5352	164.08	150	100	245.50	0.16	0.42	
5327	5353	176.7	150	100	544.29	0.36	1.83	
5328	5354	92.79	150	100	282.70	0.19	0.54	
5329	5355	248.06	150	100	536.87	0.35	1.78	
5330	5356	30.17	150	100	47.84	0.03	0.02	
5331	5357	496.76	150	100	141.85	0.09	0.15	
5332	5358	1.73	150	100	109.52	0.07	0.09	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
5333	5359	42.65	150	100	47.59	0.03	0.02	
5334	5360	187.79	150	100	53.21	0.03	0.02	
5335	5361	97.86	150	100	196.03	0.13	0.28	
5336	5362	641.21	150	100	54.97	0.04	0.03	
5337	5363	27.93	150	100	344.96	0.23	0.78	
5338	5364	115.79	150	100	424.81	0.28	1.15	
5339	5365	8.38	150	100	878.83	0.58	4.44	
5340	5366	43.71	150	100	766.17	0.5	3.44	
5341	5367	47.69	150	100	61.35	0.04	0.03	
5342	5368	47.02	150	100	254.66	0.17	0.45	
5343	5369	128.5	150	100	440.04	0.29	1.23	
5344	5370	93.55	150	100	107.04	0.07	0.09	
5345	5371	46.53	150	100	180.09	0.12	0.24	
5346	5372	489.47	150	100	156.82	0.1	0.18	
5347	5373	45.39	150	100	34.11	0.02	0.01	
5348	5374	46.22	150	100	64.73	0.04	0.04	
5349	5375	37.69	150	100	139.16	0.09	0.15	
5350	5376	46	150	100	72.63	0.05	0.04	
5351	5377	268.25	150	100	116.14	0.08	0.1	
5352	5378	84.09	150	100	81.12	0.05	0.05	
5353	5379	138.9	150	100	16.39	0.01	0	
5354	5380	135.42	150	100	69.76	0.05	0.04	
5355	5381	38.18	150	100	88.81	0.06	0.06	
5356	5382	50.53	150	100	88.90	0.06	0.06	
5357	5383	142.48	150	100	69.95	0.05	0.04	
5358	5384	65.28	150	100	170.07	0.11	0.21	
5359	5385	54.25	150	100	139.91	0.09	0.15	
5360	5386	86.58	150	100	223.47	0.15	0.35	
5361	5387	147.27	150	100	283.52	0.19	0.55	
5362	5388	91.96	150	100	80.39	0.05	0.05	
5363	5389	112.53	150	100	169.60	0.11	0.21	
5364	5390	46.56	150	100	57.36	0.04	0.03	
5365	5391	58.96	150	100	229.21	0.15	0.37	
5366	5392	119.5	150	100	215.03	0.14	0.33	
5367	5393	73.54	150	100	123.53	0.08	0.12	
5368	5394	276.7	150	100	98.78	0.06	0.08	
5369	5395	100.98	150	100	239.09	0.16	0.4	
5370	5396	69.4	150	100	85.94	0.06	0.06	
5371	5397	111.24	150	100	95.11	0.06	0.07	
5372	5398	233.34	150	100	123.14	0.08	0.12	
5373	5399	103.56	150	100	129.66	0.08	0.13	
5374	5400	101.81	150	100	227.78	0.15	0.36	
5375	5401	15.72	150	100	258.55	0.17	0.46	
5376	5402	97.81	150	100	448.59	0.29	1.28	
5377	5403	141.65	150	100	236.01	0.15	0.39	
5378	5404	97.51	150	100	449.45	0.29	1.28	
5379	5405	143.22	150	100	137.08	0.09	0.14	
5380	5406	62.66	150	100	192.98	0.13	0.27	
5381	5407	131.67	150	100	43.25	0.03	0.02	
5382	5408	43.83	150	100	291.85	0.19	0.58	
5383	5409	66.64	150	100	361.23	0.24	0.85	
5384	5410	111.67	150	100	442.53	0.29	1.24	
5385	5411	72.9	150	100	56.11	0.04	0.03	
5386	5412	43.48	150	100	36.59	0.02	0.01	
5387	5413	105.76	150	100	9.58	0.01	0	
5388	5414	104.44	150	100	73.66	0.05	0.04	
5389	5415	20.82	150	100	236.02	0.15	0.39	
5390	5416	90.18	150	100	162.36	0.11	0.19	
5391	5417	68.65	150	100	73.82	0.05	0.05	
5392	5418	69.85	150	100	31.93	0.02	0.01	
5393	5419	62.92	150	100	83.33	0.05	0.06	
5394	5420	124.03	150	100	74.01	0.05	0.05	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
5395	5421	79.62	150	100	144.92	0.09	0.16	
5396	5422	104.03	150	100	92.62	0.06	0.07	
5397	5423	232.99	150	100	142.87	0.09	0.15	
5398	5424	116.52	150	100	597.32	0.39	2.17	
5399	5425	82.11	150	100	122.94	0.08	0.12	
5400	5426	68.79	150	100	286.72	0.19	0.56	
5401	5427	89.51	150	100	296.68	0.19	0.59	
5402	5428	97.54	150	100	181.55	0.12	0.24	
5403	5429	38.06	150	100	375.16	0.25	0.92	
5404	5430	81.67	150	100	310.74	0.2	0.65	
5405	5431	160.7	150	100	140.94	0.09	0.15	
5406	5432	77.28	150	100	230.88	0.15	0.37	
5407	5433	116.79	150	100	119.73	0.08	0.11	
5408	5434	197.37	150	100	191.65	0.13	0.26	
5409	5435	77.63	150	100	374.68	0.25	0.91	
5410	5436	128.33	150	100	208.81	0.14	0.31	
5411	5437	44.02	150	100	259.48	0.17	0.46	
5412	5438	25.35	150	100	195.72	0.13	0.27	
5413	5439	41.5	150	100	379.04	0.25	0.93	
5414	5440	127.41	150	100	157.99	0.1	0.18	
5415	5441	28.49	150	100	307.34	0.2	0.63	
5416	5442	95.22	150	100	39.08	0.03	0.01	
5417	5443	36.08	150	100	21.40	0.01	0	
5418	5444	23.7	150	100	408.45	0.27	1.07	
5419	5445	84.84	150	100	239.64	0.16	0.4	
5420	5446	56.04	150	100	86.94	0.06	0.06	
5421	5447	55.64	150	100	178.43	0.12	0.23	
5422	5448	60.72	150	100	21.78	0.01	0	
5423	5449	80.79	150	100	89.06	0.06	0.06	
5424	5450	93.15	150	100	74.64	0.05	0.05	
5425	5451	128.1	150	100	7.68	0.01	0	
5426	5452	155.47	150	100	33.57	0.02	0.01	
5427	5453	30.67	150	100	262.11	0.17	0.47	
5428	5454	225.52	150	100	164.49	0.11	0.2	
5429	5455	125.56	150	100	3.67	0	0	
5430	5456	231.24	150	100	230.41	0.15	0.37	
5431	5457	41.51	150	100	88.72	0.06	0.06	
5432	5458	70.53	150	100	22.45	0.01	0.01	
5433	5459	209.97	150	100	52.69	0.03	0.02	
5434	5460	80.59	150	100	435.59	0.29	1.21	
5435	5461	79.36	150	100	393.56	0.26	1	
5436	5462	141.41	150	100	224.08	0.15	0.35	
5437	5463	142.23	150	100	171.04	0.11	0.21	
5438	5464	182.4	150	100	97.99	0.06	0.08	
5439	5465	149.5	150	100	266.35	0.17	0.49	
5440	5466	77.07	150	100	193.81	0.13	0.27	
5441	5467	73.2	150	100	280.04	0.18	0.53	
5442	5468	170.53	150	100	214.52	0.14	0.33	
5443	5469	42.23	150	100	307.59	0.2	0.63	
5444	5470	111.59	150	100	372.01	0.24	0.9	
5445	5471	85.85	150	100	138.26	0.09	0.14	
5446	5472	103.54	150	100	483.51	0.32	1.47	
5447	5473	131.39	150	100	108.06	0.07	0.09	
5448	5474	80.17	150	100	18.31	0.01	0	
5449	5475	47.32	150	100	260.54	0.17	0.47	
5450	5476	210.57	150	100	733.68	0.48	3.18	
5451	5477	127.94	150	100	333.47	0.22	0.74	
5452	5478	41.21	150	100	185.33	0.12	0.25	
5453	5479	36.83	150	100	154.22	0.1	0.18	
5454	5480	11.02	150	100	47.99	0.03	0.02	
5455	5481	120.93	150	100	72.63	0.05	0.04	
5456	5482	27.89	150	100	278.19	0.18	0.53	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
5457	5483	14.75	150	100	149.88	0.1	0.17	
5458	5484	289.48	150	100	69.91	0.05	0.04	
5459	5485	50.11	150	100	43.05	0.03	0.02	
5460	5486	37.1	150	100	6.86	0	0	
5461	5487	29.94	150	100	83.20	0.05	0.06	
5462	5488	164.4	150	100	66.27	0.04	0.04	
5463	5489	32.41	150	100	115.69	0.08	0.1	
5464	5490	138.57	150	100	40.21	0.03	0.01	
5465	5491	89.92	150	100	54.51	0.04	0.03	
5466	5492	108.64	150	100	27.64	0.02	0	
5467	5493	69.67	150	100	48.99	0.03	0.02	
5468	5494	170.78	150	100	199.40	0.13	0.28	
5469	5495	28.38	150	100	282.96	0.19	0.54	
5470	5496	40.32	150	100	264.09	0.17	0.48	
5471	5497	87.63	150	100	280.06	0.18	0.53	
5472	5498	38.13	150	100	334.59	0.22	0.74	
5473	5499	42.4	150	100	273.79	0.18	0.51	
5474	5500	64.44	150	100	229.93	0.15	0.37	
5475	5501	119.07	150	100	71.34	0.05	0.04	
5476	5502	68.73	150	100	224.21	0.15	0.35	
5477	5503	112.02	150	100	100.51	0.07	0.08	
5478	5504	73.69	150	100	160.82	0.11	0.19	
5479	5505	107.46	150	100	11.22	0.01	0	
5480	5506	175.43	150	100	268.39	0.18	0.49	
5481	5507	37.69	150	100	329.31	0.22	0.72	
5482	5508	136.85	150	100	355.24	0.23	0.83	
5483	5509	68.68	150	100	516.71	0.34	1.66	
5484	5510	186.97	150	100	322.25	0.21	0.69	
5485	5511	155.27	150	100	149.76	0.1	0.17	
5486	5512	77.02	150	100	383.77	0.25	0.96	
5487	5513	82.34	150	100	60.72	0.04	0.03	
5488	5514	41.04	150	100	23.20	0.02	0.01	
5489	5515	7.3	150	100	1198.30	0.78	7.88	
5490	5516	475.8	150	100	87.14	0.06	0.06	
5491	5517	152.69	150	100	379.73	0.25	0.94	
5492	5518	69.91	150	100	245.43	0.16	0.42	
5493	5519	156.4	150	100	143.84	0.09	0.16	
5494	5520	168.54	150	100	151.34	0.1	0.17	
5495	5521	259.72	150	100	182.28	0.12	0.24	
5496	5522	20.83	150	100	385.95	0.25	0.97	
5497	5523	90.42	150	100	197.89	0.13	0.28	
5498	5524	76.37	150	100	355.46	0.23	0.83	
5499	5525	46.34	150	100	18.70	0.01	0	
5500	5526	100	150	100	5.26	0	0	
5501	5527	83.15	150	100	140.96	0.09	0.15	
5502	5528	131.53	150	100	26.26	0.02	0.01	
5503	5529	17.66	150	100	209.00	0.14	0.31	
5504	5530	69.37	150	100	277.53	0.18	0.52	
5505	5531	136.12	150	100	32.75	0.02	0.01	
5506	5532	127.44	150	100	74.23	0.05	0.05	
5507	5533	983.76	150	100	129.86	0.09	0.13	
5508	5534	931.66	150	100	703.25	0.46	2.94	
5509	5535	1339.6	150	100	32.58	0.02	0.01	
5510	5536	671.8	150	100	0.00	0	0	
5511	5537	1241.16	150	100	17.43	0.01	0	
5512	5538	1367.03	150	100	8.86	0.01	0	
5513	5539	402.42	150	100	172.72	0.11	0.22	
5514	5540	135.99	150	100	5.12	0	0	
5515	5541	48.03	150	100	645.38	0.42	2.5	
5516	5542	188.39	150	100	388.31	0.25	0.98	
5517	5543	128.31	150	100	483.13	0.32	1.46	
5518	5544	227.11	150	100	26.88	0.02	0.01	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
5519	5545	89.67	150	100	118.12	0.08	0.11	
5520	5546	81.9	150	100	152.78	0.1	0.17	
5521	5547	87.64	150	100	312.40	0.2	0.65	
5522	5548	513.5	150	100	50.05	0.03	0.02	
5523	5549	883.25	150	100	37.35	0.02	0.01	
5524	5550	258.9	150	100	2.81	0	0	
5525	5551	789.37	150	100	15.15	0.01	0	
5526	5552	246.13	150	100	160.74	0.11	0.19	
5527	5553	77.5	150	100	143.27	0.09	0.15	
5528	5554	1502.19	1100	100	14484.46	0.18	0.05	
5529	5555	452.94	1100	100	4494.04	0.05	0.01	
5530	5556	816.51	1100	100	25738.95	0.31	0.14	
5531	5557	57.82	1000	100	14483.75	0.21	0.08	
5532	5558	34.54	1000	100	14483.75	0.21	0.08	
5533	5559	946.3	1000	100	14326.19	0.21	0.08	
5534	5560	299.1	100	100	13.50	0.02	0.01	
5535	5561	205.86	100	100	1.81	0	0	
5536	5562	179.02	100	100	47.53	0.07	0.14	
5537	5563	198.15	100	100	6.56	0.01	0	
5538	5564	195.85	100	100	23.57	0.03	0.04	
5539	5565	454.87	100	100	7.93	0.01	0.01	
5540	5566	472.26	100	100	1.73	0	0	
5541	5567	433.4	100	100	9.44	0.01	0.01	
5542	5568	830.9	100	100	1.62	0	0	
5543	5569	209.03	100	100	16.36	0.02	0.02	
5544	5570	742.98	100	100	11.23	0.02	0.01	
5545	5571	82.58	100	100	16.13	0.02	0.02	
5546	5572	225.08	100	100	5.94	0.01	0	
5547	5573	24.62	100	100	32.05	0.05	0.07	
5548	5574	352.96	100	100	6.25	0.01	0	
5549	5575	273.94	100	100	9.57	0.01	0.01	
5550	5576	147.52	100	100	12.57	0.02	0.01	
5551	5577	127.51	100	100	41.80	0.06	0.11	
5552	5578	325.17	100	100	88.75	0.13	0.46	
5553	5579	879.38	100	100	13.39	0.02	0.01	
5554	5580	300.66	100	100	31.46	0.05	0.07	
5555	5581	852.68	100	100	301.50	0.44	4.41	
5556	5582	328.96	100	100	102.83	0.15	0.6	
5557	5583	407.38	100	100	405.43	0.6	7.63	
5558	5584	47.31	100	100	203.06	0.3	2.12	
5559	5585	47.16	100	100	0.26	0	0	
5560	5586	82.1	100	100	3.84	0.01	0	
5561	5587	84.14	100	100	3.97	0.01	0	
5562	5588	55.16	100	100	2.18	0	0	
5563	5589	38.68	100	100	9.43	0.01	0.01	
5564	5590	79.27	100	100	7.10	0.01	0	
5565	5591	36.84	100	100	25.88	0.04	0.05	
5566	5592	52.91	100	100	21.50	0.03	0.03	
5567	5593	46.11	100	100	30.88	0.05	0.06	
5568	5594	49.73	100	100	16.47	0.02	0.02	
5569	5595	49.3	100	100	50.70	0.07	0.16	
5570	5596	54.04	100	100	4.86	0.01	0	
5571	5597	46.15	100	100	51.64	0.08	0.17	
5572	5598	75.81	100	100	38.96	0.06	0.1	
5573	5599	32.41	100	100	44.55	0.07	0.13	
5574	5600	178.78	100	100	20.06	0.03	0.03	
5575	5601	98.89	100	100	24.10	0.04	0.04	
5576	5602	56.54	100	100	10.51	0.02	0.01	
5577	5603	38.27	100	100	19.22	0.03	0.03	
5578	5604	84.84	100	100	1.12	0	0	
5579	5605	54.05	100	100	9.90	0.01	0.01	
5580	5606	40.83	100	100	11.90	0.02	0.01	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
5581	5607	62	100	100	12.95	0.02	0.01	
5582	5608	48.82	100	100	9.79	0.01	0.01	
5583	5609	28.22	100	100	5.22	0.01	0	
5584	5610	72.84	100	100	32.83	0.05	0.07	
5585	5611	57.76	100	100	10.08	0.01	0.01	
5586	5612	36.42	100	100	44.74	0.07	0.13	
5587	5613	63.24	100	100	0.26	0	0	
5588	5614	222.71	100	100	14.44	0.02	0.01	
5589	5615	215.12	100	100	3.32	0	0	
5590	5616	47.92	100	100	26.84	0.04	0.05	
5591	5617	42.35	100	100	2.08	0	0	
5592	5618	42.45	100	100	39.37	0.06	0.1	
5593	5619	62.29	100	100	2.54	0	0	
5594	5620	86	100	100	40.49	0.06	0.11	
5595	5621	108.7	100	100	37.24	0.05	0.09	
5596	5622	100.13	100	100	10.14	0.01	0.01	
5597	5623	66.39	100	100	20.57	0.03	0.03	
5598	5624	104.16	100	100	10.42	0.02	0.01	
5599	5625	58.59	100	100	6.82	0.01	0	
5600	5626	182.68	100	100	0.00	0	0	
5601	5627	33.94	100	100	23.41	0.03	0.04	
5602	5628	123.81	100	100	14.27	0.02	0.01	
5603	5629	70.5	100	100	9.18	0.01	0.01	
5604	5630	115.85	100	100	36.30	0.05	0.09	
5605	5631	34.88	100	100	95.12	0.14	0.52	
5606	5632	35.19	100	100	6.16	0.01	0	
5607	5633	31.8	100	100	22.69	0.03	0.04	
5608	5634	91.67	100	100	42.43	0.06	0.12	
5609	5635	44.51	100	100	23.69	0.03	0.04	
5610	5636	36.59	100	100	44.60	0.07	0.13	
5611	5637	31.35	100	100	29.22	0.04	0.06	
5612	5638	38.93	100	100	17.99	0.03	0.02	
5613	5639	62.35	100	100	8.47	0.01	0.01	
5614	5640	39.79	100	100	38.77	0.06	0.1	
5615	5641	44.31	100	100	54.79	0.08	0.19	
5616	5642	185.89	100	100	25.16	0.04	0.04	
5617	5643	36.92	100	100	56.47	0.08	0.2	
5618	5644	61.93	100	100	39.37	0.06	0.1	
5619	5645	36.11	100	100	2.61	0	0	
5620	5646	38.62	100	100	6.17	0.01	0	
5621	5647	78.49	100	100	0.26	0	0	
5622	5648	80.69	100	100	4.02	0.01	0	
5623	5649	221.94	100	100	39.97	0.06	0.1	
5624	5650	463.8	100	100	23.04	0.03	0.04	
5625	5651	266.5	100	100	18.56	0.03	0.03	
5626	5652	267.22	100	100	20.03	0.03	0.03	
5627	5653	197.31	100	100	7.35	0.01	0	
5628	5654	39.05	100	100	44.95	0.07	0.13	
5629	5655	37.46	100	100	42.73	0.06	0.12	
5630	5656	28.44	100	100	118.42	0.17	0.78	
5631	5657	109.94	100	100	29.74	0.04	0.06	
5632	5658	38.18	100	100	29.03	0.04	0.06	
5633	5659	49.76	100	100	78.27	0.12	0.36	
5634	5660	28.32	100	100	113.18	0.17	0.72	
5635	5661	255.77	100	100	52.24	0.08	0.17	
5636	5662	165.53	100	100	13.59	0.02	0.01	
5637	5663	86.52	100	100	2.22	0	0	
5638	5664	15.07	100	100	3.41	0.01	0	
5639	5665	34.09	100	100	38.61	0.06	0.1	
5640	5666	46.19	100	100	40.75	0.06	0.11	
5641	5667	41.4	100	100	57.35	0.08	0.2	
5642	5668	40.48	100	100	18.27	0.03	0.02	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
5643	5669	115.7	100	100	28.75	0.04	0.06	
5644	5670	174.84	100	100	35.08	0.05	0.08	
5645	5671	38.47	100	100	21.84	0.03	0.03	
5646	5672	38.41	100	100	81.56	0.12	0.39	
5647	5673	17.14	100	100	134.61	0.2	0.99	
5648	5674	33.77	100	100	26.34	0.04	0.05	
5649	5675	325.42	100	100	47.49	0.07	0.14	
5650	5676	138.87	100	100	13.69	0.02	0.01	
5651	5677	222.48	100	100	31.76	0.05	0.07	
5652	5678	110.35	100	100	68.12	0.1	0.28	
5653	5679	202.6	100	100	2.06	0	0	
5654	5680	32.06	100	100	126.97	0.19	0.89	
5655	5681	46.5	100	100	16.69	0.02	0.01	
5656	5682	41.02	100	100	16.96	0.02	0.02	
5657	5683	397.83	100	100	17.52	0.03	0.02	
5658	5684	46.81	100	100	60.86	0.09	0.23	
5659	5685	160.69	100	100	12.76	0.02	0.01	
5660	5686	82.65	100	100	16.79	0.02	0.02	
5661	5687	115.7	100	100	13.44	0.02	0.01	
5662	5688	267.04	100	100	21.60	0.03	0.03	
5663	5689	390.32	100	100	22.05	0.03	0.03	
5664	5690	138.53	100	100	36.40	0.05	0.09	
5665	5691	40.02	100	100	30.14	0.04	0.06	
5666	5692	223.1	100	100	18.75	0.03	0.03	
5667	5693	218.84	100	100	21.80	0.03	0.03	
5668	5694	130.87	100	100	421.69	0.62	8.21	
5669	5695	40.77	100	100	24.97	0.04	0.04	
5670	5696	48.16	100	100	71.45	0.11	0.31	
5671	5697	40.5	100	100	164.08	0.24	1.43	
5672	5698	39.84	100	100	5.20	0.01	0	
5673	5699	39.73	100	100	131.15	0.19	0.94	
5674	5700	35.57	100	100	47.62	0.07	0.14	
5675	5701	70.69	100	100	38.30	0.06	0.1	
5676	5702	47.4	100	100	110.24	0.16	0.68	
5677	5703	28.5	100	100	22.96	0.03	0.04	
5678	5704	306.09	100	100	18.88	0.03	0.03	
5679	5705	147.66	100	100	94.73	0.14	0.52	
5680	5706	167.43	100	100	8.42	0.01	0.01	
5681	5707	31.97	100	100	121.16	0.18	0.81	
5682	5708	37.99	100	100	21.46	0.03	0.03	
5683	5709	37.51	100	100	82.84	0.12	0.4	
5684	5710	17.16	100	100	131.66	0.19	0.95	
5685	5711	243.07	100	100	18.45	0.03	0.02	
5686	5712	33.85	100	100	20.17	0.03	0.03	
5687	5713	47.51	100	100	10.00	0.01	0.01	
5688	5714	39.59	100	100	61.23	0.09	0.23	
5689	5715	41.03	100	100	76.07	0.11	0.34	
5690	5716	143.67	100	100	20.57	0.03	0.03	
5691	5717	35.61	100	100	135.81	0.2	1.01	
5692	5718	35.49	100	100	142.87	0.21	1.11	
5693	5719	65.34	100	100	8.78	0.01	0.01	
5694	5720	43.71	100	100	7.13	0.01	0	
5695	5721	45.34	100	100	6.60	0.01	0	
5696	5722	608.18	100	100	2.08	0	0	
5697	5723	100.1	100	100	110.12	0.16	0.68	
5698	5724	182.34	100	100	78.86	0.12	0.37	
5699	5725	187.67	100	100	113.89	0.17	0.73	
5700	5726	39.63	100	100	220.08	0.32	2.46	
5701	5727	29.01	100	100	64.71	0.1	0.25	
5702	5728	39.23	100	100	65.57	0.1	0.26	
5703	5729	158.07	100	100	108.15	0.16	0.66	
5704	5730	47.81	100	100	38.68	0.06	0.1	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
5705	5731	106.76	100	100	44.06	0.06	0.13	
5706	5732	26.28	100	100	19.68	0.03	0.03	
5707	5733	35.85	100	100	49.23	0.07	0.15	
5708	5734	56.21	100	100	52.31	0.08	0.17	
5709	5735	49.62	100	100	129.93	0.19	0.93	
5710	5736	160.66	100	100	16.14	0.02	0.02	
5711	5737	25.36	100	100	60.99	0.09	0.23	
5712	5738	62.49	100	100	201.21	0.3	2.08	
5713	5739	22.95	100	100	42.86	0.06	0.12	
5714	5740	41.91	100	100	27.29	0.04	0.05	
5715	5741	57.7	100	100	1.42	0	0	
5716	5742	46.89	100	100	16.06	0.02	0.02	
5717	5743	240.09	100	100	5.90	0.01	0	
5718	5744	80.25	100	100	7.05	0.01	0	
5719	5745	426.51	100	100	55.99	0.08	0.2	
5720	5746	106.55	100	100	36.00	0.05	0.09	
5721	5747	164.7	100	100	15.36	0.02	0.02	
5722	5748	45.9	100	100	4.39	0.01	0	
5723	5749	60.44	100	100	2.45	0	0	
5724	5750	54.72	100	100	5.21	0.01	0	
5725	5751	45.41	100	100	11.71	0.02	0.01	
5726	5752	42.11	100	100	29.85	0.04	0.06	
5727	5753	106.28	100	100	47.95	0.07	0.15	
5728	5754	150.81	100	100	13.77	0.02	0.01	
5729	5755	48.24	100	100	41.53	0.06	0.11	
5730	5756	161.45	100	100	22.35	0.03	0.04	
5731	5757	38.87	100	100	9.75	0.01	0.01	
5732	5758	110.92	100	100	6.17	0.01	0	
5733	5759	40.88	100	100	4.16	0.01	0	
5734	5760	104.25	100	100	4.00	0.01	0	
5735	5761	47.85	100	100	41.98	0.06	0.11	
5736	5762	38.8	100	100	12.71	0.02	0.01	
5737	5763	165.73	100	100	15.61	0.02	0.02	
5738	5764	54.18	100	100	66.62	0.1	0.27	
5739	5765	40.85	100	100	0.04	0	0	
5740	5766	134.9	100	100	38.26	0.06	0.1	
5741	5767	32.27	100	100	27.20	0.04	0.05	
5742	5768	82.22	100	100	6.12	0.01	0	
5743	5769	200.5	100	100	5.67	0.01	0	
5744	5770	41.95	100	100	29.86	0.04	0.06	
5745	5771	178.33	100	100	2.15	0	0	
5746	5772	200.54	100	100	16.14	0.02	0	
5747	5773	117.99	100	100	27.94	0.04	0.05	
5748	5774	37.13	100	100	35.84	0.05	0.09	
5749	5775	99.51	100	100	45.10	0.07	0.13	
5750	5776	108.7	100	100	37.85	0.06	0.09	
5751	5777	39.35	100	100	8.74	0.01	0.01	
5752	5778	138.89	200	100	106.68	0.04	0.02	
5753	5779	37.75	100	100	39.64	0.06	0.1	
5754	5780	39.29	100	100	38.66	0.06	0.1	
5755	5781	894.87	100	100	50.72	0.07	0.16	
5756	5782	157.93	100	100	20.96	0.03	0.03	
5757	5783	86.66	100	100	3.74	0.01	0	
5758	5784	39.47	100	100	24.69	0.04	0.04	
5759	5785	16.51	100	100	183.28	0.27	1.75	
5760	5786	65.51	100	100	53.64	0.08	0.18	
5761	5787	36.27	100	100	77.93	0.11	0.36	
5762	5788	35.68	100	100	57.40	0.08	0.2	
5763	5789	176.97	100	100	8.38	0.01	0.01	
5764	5790	38.21	100	100	38.70	0.06	0.1	
5765	5791	146.25	100	100	58.23	0.09	0.21	
5766	5792	39.68	100	100	103.35	0.15	0.61	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
5767	5793	30.36	100	100	36.84	0.05	0.09	
5768	5794	167.35	100	100	7.14	0.01	0	
5769	5795	26.61	100	100	27.97	0.04	0.05	
5770	5796	87.19	100	100	10.76	0.02	0.01	
5771	5797	28.18	100	100	58.30	0.09	0.21	
5772	5798	104.27	100	100	29.66	0.04	0.06	
5773	5799	136.82	100	100	24.56	0.04	0.04	
5774	5800	139.89	100	100	17.37	0.03	0.02	
5775	5801	36.24	100	100	45.52	0.07	0.13	
5776	5802	36.13	100	100	35.67	0.05	0.08	
5777	5803	19.82	100	100	29.00	0.04	0.06	
5778	5804	134.79	100	100	70.87	0.1	0.3	
5779	5805	203.41	100	100	25.84	0.04	0.05	
5780	5806	91.85	100	100	69.01	0.1	0.29	
5781	5807	331.72	100	100	71.14	0.1	0.3	
5782	5808	62.83	100	100	12.03	0.02	0.01	
5783	5809	134.85	100	100	54.38	0.08	0.18	
5784	5810	482.12	100	100	5.05	0.01	0	
5785	5811	38.68	100	100	7.03	0.01	0	
5786	5812	40.92	100	100	32.42	0.05	0.07	
5787	5813	113.73	100	100	54.52	0.08	0.19	
5788	5814	187.56	100	100	42.06	0.06	0.11	
5789	5815	208.76	100	100	13.45	0.02	0.01	
5790	5816	29.89	100	100	88.67	0.13	0.46	
5791	5817	37.57	100	100	6.20	0.01	0	
5792	5818	182.59	100	100	40.43	0.06	0.11	
5793	5819	79.31	100	100	4.26	0.01	0	
5794	5820	87.88	100	100	59.35	0.09	0.22	
5795	5821	241.68	100	100	90.44	0.13	0.47	
5796	5822	319.39	100	100	34.85	0.05	0.08	
5797	5823	19.07	100	100	312.31	0.46	4.71	
5798	5824	35.7	100	100	53.05	0.08	0.18	
5799	5825	37.93	100	100	123.56	0.18	0.84	
5800	5826	38.85	100	100	194.33	0.29	1.95	
5801	5827	9.86	100	100	192.15	0.28	1.91	
5802	5828	204.21	100	100	107.02	0.16	0.65	
5803	5829	121.14	100	100	16.85	0.02	0.02	
5804	5830	620.03	100	100	80.05	0.12	0.38	
5805	5831	148.17	100	100	34.89	0.05	0.08	
5806	5832	44.45	100	100	24.04	0.04	0.04	
5807	5833	139.72	100	100	183.58	0.27	1.76	
5808	5834	105.62	100	100	5.71	0.01	0	
5809	5835	138.97	100	100	188.39	0.28	1.85	
5810	5836	50.89	100	100	186.72	0.28	1.81	
5811	5837	90.6	100	100	131.03	0.19	0.94	
5812	5838	48.45	100	100	165.77	0.24	1.46	
5813	5839	28.84	100	100	308.86	0.46	4.61	
5814	5840	50.18	100	100	131.67	0.19	0.95	
5815	5841	34.03	100	100	11.25	0.02	0.01	
5816	5842	30.23	100	100	52.11	0.08	0.17	
5817	5843	35.03	100	100	97.69	0.14	0.55	
5818	5844	113.55	100	100	4.11	0.01	0	
5819	5845	37.48	100	100	26.16	0.04	0.05	
5820	5846	29.06	100	100	16.94	0.02	0.02	
5821	5847	40.58	100	100	0.46	0	0	
5822	5848	29.55	100	100	196.58	0.29	2	
5823	5849	112.87	100	100	11.20	0.02	0.01	
5824	5850	20.32	100	100	2.53	0	0	
5825	5851	97.7	100	100	53.35	0.08	0.18	
5826	5852	38.2	100	100	16.31	0.02	0.02	
5827	5853	36.68	100	100	52.05	0.08	0.17	
5828	5854	39.81	100	100	17.67	0.03	0.02	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
5829	5855	41.2	100	100	40.76	0.06	0.11	
5830	5856	39.3	100	100	2.20	0	0	
5831	5857	112.43	100	100	87.58	0.13	0.45	
5832	5858	39.94	100	100	115.03	0.17	0.74	
5833	5859	548.94	100	100	78.94	0.12	0.37	
5834	5860	137.39	100	100	6.93	0.01	0	
5835	5861	65.2	100	100	48.38	0.07	0.15	
5836	5862	1142.59	100	100	185.61	0.27	1.79	
5837	5863	46.03	100	100	78.94	0.12	0.37	
5838	5864	9.91	100	100	90.17	0.13	0.47	
5839	5865	40.35	100	100	63.88	0.09	0.25	
5840	5866	616.05	100	100	93.02	0.14	0.5	
5841	5867	244.07	100	100	7.55	0.01	0	
5842	5868	304.39	100	100	97.52	0.14	0.55	
5843	5869	122.57	100	100	75.02	0.11	0.34	
5844	5870	114.23	100	100	51.74	0.08	0.17	
5845	5871	22.46	100	100	74.07	0.11	0.33	
5846	5872	130.7	100	100	0.00	0	0	
5847	5873	222.78	100	100	61.86	0.09	0.23	
5848	5874	815.17	100	100	32.75	0.05	0.07	
5849	5875	544.14	100	100	2.35	0	0	
5850	5876	88.1	100	100	2.15	0	0	
5851	5877	79.18	100	100	93.23	0.14	0.5	
5852	5878	1565.71	100	100	7.65	0.01	0	
5853	5879	87.39	100	100	200.99	0.3	2.08	
5854	5880	126.72	100	100	171.12	0.25	1.54	
5855	5881	501.77	100	100	325.31	0.48	5.07	
5856	5882	348.9	100	100	37.02	0.05	0.09	
5857	5883	41.11	100	100	14.09	0.02	0.02	
5858	5884	224.64	100	100	60.38	0.09	0.22	
5859	5885	11.26	100	100	51.76	0.08	0.17	
5860	5886	70.37	100	100	27.99	0.04	0.05	
5861	5887	105.87	100	100	95.47	0.14	0.52	
5862	5888	238.1	100	100	4.85	0.01	0	
5863	5889	150.87	100	100	71.84	0.11	0.31	
5864	5890	245.03	100	100	129.76	0.19	0.92	
5865	5891	80.93	100	100	106.37	0.16	0.64	
5866	5892	58.84	100	100	51.37	0.08	0.17	
5867	5893	45.66	100	100	215.20	0.32	2.36	
5868	5894	110.08	100	100	43.25	0.06	0.12	
5869	5895	42.09	100	100	242.37	0.36	2.94	
5870	5896	127.8	100	100	77.77	0.11	0.36	
5871	5897	155.46	100	100	72.81	0.11	0.32	
5872	5898	141	100	100	68.25	0.1	0.28	
5873	5899	162.54	100	100	150.70	0.22	1.22	
5874	5900	68.93	100	100	213.26	0.31	2.32	
5875	5901	96.46	100	100	19.76	0.03	0.03	
5876	5902	70.3	100	100	174.89	0.26	1.61	
5877	5903	41.49	100	100	101.76	0.15	0.59	
5878	5904	44.46	100	100	183.30	0.27	1.75	
5879	5905	127.94	100	100	22.06	0.03	0.03	
5880	5906	209.31	100	100	107.39	0.16	0.65	
5881	5907	85.86	100	100	47.69	0.07	0.14	
5882	5908	100.85	100	100	34.16	0.05	0.08	
5883	5909	74.14	100	100	78.42	0.12	0.36	
5884	5910	63.72	100	100	55.04	0.08	0.19	
5885	5911	51.85	100	100	21.11	0.03	0.03	
5886	5912	210.46	100	100	201.12	0.3	2.08	
5887	5913	541.85	100	100	50.82	0.07	0.16	
5888	5914	219.83	100	100	10.19	0.02	0.01	
5889	5915	107.1	100	100	21.39	0.03	0.03	
5890	5916	104.5	100	100	61.16	0.09	0.23	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
5891	5917	100.07	100	100	53.99	0.08	0.18	
5892	5918	478.81	100	100	97.79	0.14	0.55	
5893	5919	90.27	100	100	61.68	0.09	0.23	
5894	5920	199.6	100	100	86.45	0.13	0.44	
5895	5921	137.98	100	100	77.80	0.11	0.36	
5896	5922	231.84	100	100	152.41	0.22	1.25	
5897	5923	53.2	100	100	73.37	0.11	0.32	
5898	5924	138.3	100	100	21.52	0.03	0.03	
5899	5925	36.99	100	100	14.20	0.02	0.02	
5900	5926	46.86	100	100	26.31	0.04	0.05	
5901	5927	25.75	100	100	13.77	0.02	0.01	
5902	5928	56.29	100	100	79.02	0.12	0.37	
5903	5929	18.27	100	100	115.00	0.17	0.74	
5904	5930	41.17	100	100	75.54	0.11	0.34	
5905	5931	89.22	100	100	45.32	0.07	0.13	
5906	5932	54.94	100	100	70.87	0.1	0.3	
5907	5933	42.15	100	100	67.26	0.1	0.27	
5908	5934	93.87	100	100	73.97	0.11	0.33	
5909	5935	154.41	100	100	6.40	0.01	0	
5910	5936	32.53	100	100	3.55	0.01	0	
5911	5937	166.87	100	100	34.39	0.05	0.08	
5912	5938	68.09	100	100	7.74	0.01	0.01	
5913	5939	21.41	100	100	85.03	0.13	0.42	
5914	5940	47.99	100	100	1.44	0	0	
5915	5941	60.94	100	100	154.46	0.23	1.28	
5916	5942	137.7	100	100	28.51	0.04	0.06	
5917	5943	98.94	100	100	76.17	0.11	0.34	
5918	5944	67.46	100	100	4.21	0.01	0	
5919	5945	45.01	100	100	399.44	0.59	7.42	
5920	5946	60.14	100	100	26.11	0.04	0.05	
5921	5947	17.89	100	100	500.97	0.74	11.29	
5922	5948	85.52	100	100	2.01	0	0	
5923	5949	57.48	100	100	26.97	0.04	0.05	
5924	5950	26.59	100	100	54.91	0.08	0.19	
5925	5951	74.95	100	100	88.08	0.13	0.45	
5926	5952	155.92	100	100	81.19	0.12	0.39	
5927	5953	135.94	100	100	35.00	0.05	0.08	
5928	5954	269.18	100	100	8.27	0.01	0.01	
5929	5955	69.49	100	100	127.38	0.19	0.89	
5930	5956	81.95	100	100	9.28	0.01	0.01	
5931	5957	37.86	100	100	180.13	0.27	1.7	
5932	5958	38.63	100	100	230.68	0.34	2.68	
5933	5959	136.23	100	100	56.39	0.08	0.2	
5934	5960	46.31	100	100	306.00	0.45	4.53	
5935	5961	129.62	100	100	100.51	0.15	0.58	
5936	5962	38.87	100	100	57.58	0.08	0.21	
5937	5963	122.35	100	100	43.43	0.06	0.12	
5938	5964	38.79	100	100	4.09	0.01	0	
5939	5965	39.73	100	100	166.69	0.25	1.47	
5940	5966	51.22	100	100	202.21	0.3	2.1	
5941	5967	143.79	100	100	61.48	0.09	0.23	
5942	5968	39.55	100	100	235.28	0.35	2.78	
5943	5969	43.12	100	100	257.99	0.38	3.3	
5944	5970	120.35	100	100	61.55	0.09	0.23	
5945	5971	117.14	100	100	148.70	0.22	1.19	
5946	5972	121.07	100	100	52.23	0.08	0.17	
5947	5973	209.25	100	100	136.53	0.2	1.02	
5948	5974	113.53	100	100	40.09	0.06	0.11	
5949	5975	40.52	100	100	102.08	0.15	0.59	
5950	5976	112.83	100	100	5.40	0.01	0	
5951	5977	37.86	100	100	62.85	0.09	0.24	
5952	5978	112.41	100	100	7.36	0.01	0	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
5953	5979	37.48	100	100	35.74	0.05	0.08	
5954	5980	111.72	100	100	3.37	0	0	
5955	5981	29.9	100	100	202.87	0.3	2.12	
5956	5982	146.83	100	100	234.42	0.35	2.77	
5957	5983	49.39	100	100	11.84	0.02	0.01	
5958	5984	53.29	100	100	24.63	0.04	0.04	
5959	5985	48.58	100	100	155.20	0.23	1.29	
5960	5986	51.24	100	100	194.57	0.29	1.96	
5961	5987	40.48	100	100	78.81	0.12	0.37	
5962	5988	22.07	100	100	28.71	0.04	0.06	
5963	5989	191.06	100	100	54.97	0.08	0.19	
5964	5990	50.39	100	100	382.92	0.56	6.86	
5965	5991	43.41	100	100	57.20	0.08	0.2	
5966	5992	39.75	100	100	418.53	0.62	8.09	
5967	5993	38.29	100	100	334.01	0.49	5.33	
5968	5994	594.75	100	100	12.35	0.02	0.01	
5969	5995	18.82	100	100	0.00	0	0	
5970	5996	96.8	100	100	25.21	0.04	0.04	
5971	5997	78.05	100	100	0.52	0	0	
5972	5998	105.16	100	100	8.91	0.01	0.01	
5973	5999	33.45	100	100	3.07	0	0	
5974	6000	248.91	100	100	6.35	0.01	0	
5975	6001	40.36	100	100	75.82	0.11	0.34	
5976	6002	107.95	100	100	21.02	0.03	0.03	
5977	6003	151.39	100	100	17.48	0.03	0.02	
5978	6004	12.11	100	100	145.90	0.22	1.15	
5979	6005	39.98	100	100	18.97	0.03	0.03	
5980	6006	43.16	100	100	59.62	0.09	0.22	
5981	6007	30.8	100	100	45.07	0.07	0.13	
5982	6008	117.45	100	100	14.37	0.02	0.02	
5983	6009	268.6	100	100	8.54	0.01	0.01	
5984	6010	276.97	100	100	10.54	0.02	0.01	
5985	6011	286.83	100	100	12.33	0.02	0.01	
5986	6012	63.42	100	100	12.32	0.02	0.01	
5987	6013	71.39	100	100	8.03	0.01	0.01	
5988	6014	91.06	100	100	23.02	0.03	0.04	
5989	6015	89.82	100	100	26.89	0.04	0.05	
5990	6016	238.23	100	100	11.87	0.02	0.01	
5991	6017	44.16	100	100	5.64	0.01	0	
5992	6018	38.39	100	100	24.22	0.04	0.04	
5993	6019	60.97	100	100	27.87	0.04	0.05	
5994	6020	119.87	100	100	20.55	0.03	0.03	
5995	6021	51.75	100	100	17.10	0.03	0.01	
5996	6022	74.79	100	100	32.67	0.05	0.07	
5997	6023	421.76	100	100	57.20	0.08	0.2	
5998	6024	33.15	100	100	88.19	0.13	0.45	
5999	6025	103.66	100	100	47.53	0.07	0.14	
6000	6026	65.26	100	100	144.12	0.21	1.12	
6001	6027	29.64	100	100	74.32	0.11	0.33	
6002	6028	119.5	100	100	62.76	0.09	0.24	
6003	6029	25.87	100	100	28.05	0.04	0.05	
6004	6030	59.09	100	100	14.02	0.02	0.01	
6005	6031	113.86	100	100	104.03	0.15	0.61	
6006	6032	50.19	100	100	105.47	0.16	0.63	
6007	6033	76.65	100	100	1.91	0	0	
6008	6034	73.2	100	100	148.70	0.22	1.19	
6009	6035	80.72	100	100	197.34	0.29	2.01	
6010	6036	78.52	100	100	100.73	0.15	0.58	
6011	6037	10.17	100	100	311.10	0.46	4.67	
6012	6038	143.92	100	100	80.91	0.12	0.39	
6013	6039	165.01	100	100	122.84	0.18	0.84	
6014	6040	67.15	100	100	206.15	0.3	2.18	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
6015	6041	50.55	100	100	42.89	0.06	0.12	
6016	6042	59.29	100	100	78.57	0.12	0.37	
6017	6043	17.06	100	100	600.98	0.89	15.81	
6018	6044	42.79	100	100	21.65	0.03	0.03	
6019	6045	173.8	100	100	409.48	0.6	7.77	
6020	6046	45.74	100	100	41.13	0.06	0.11	
6021	6047	306.62	100	100	2.90	0	0	
6022	6048	182.33	100	100	1.77	0	0	
6023	6049	383.78	100	100	54.29	0.08	0.18	
6024	6050	120.75	100	100	27.97	0.04	0.05	
6025	6051	218.35	100	100	34.15	0.05	0.08	
6026	6052	1757.89	100	100	92.27	0.14	0.49	
6027	6053	671.25	100	100	6.13	0.01	0	
6028	6054	2567.34	100	100	13.17	0.02	0.01	
6029	16700	1497.84	100	100	33.86	0.05	0.08	
6030	6055	373.35	100	100	1.95	0	0	
6031	6056	1139.23	100	100	26.91	0.04	0.05	
6032	6057	415.54	100	100	5.09	0.01	0	
6033	6058	347.17	100	100	324.04	0.48	5.04	
6034	6059	3503.96	100	100	70.13	0.1	0.3	
6035	6060	265.55	100	100	52.67	0.08	0.17	
6036	6061	371.27	100	100	13.61	0.02	0.01	
6037	6062	124.7	100	100	12.59	0.02	0.01	
6038	6063	118.79	100	100	133.86	0.2	0.98	
6039	6064	44.93	100	100	155.89	0.23	1.3	
6040	6065	112.95	100	100	36.41	0.05	0.09	
6041	6066	71.84	100	100	469.17	0.69	10	
6042	6067	23.49	100	100	138.42	0.2	1.04	
6043	6068	156.92	100	100	65.41	0.1	0.26	
6044	6069	49.06	100	100	129.97	0.19	0.93	
6045	6070	195.45	100	100	4.62	0.01	0	
6046	16685	132.34	100	100	5.57	0.01	0	
6047	6071	163.2	100	100	37.78	0.06	0.09	
6048	6072	61.83	100	100	57.33	0.08	0.2	
6049	6073	26.38	100	100	21.93	0.03	0.03	
6050	6074	81.16	100	100	3.07	0	0	
6051	6075	167.19	100	100	12.75	0.02	0.01	
6052	6076	226.39	100	100	27.95	0.04	0.05	
6053	6077	94.16	100	100	132.27	0.19	0.96	
6054	6078	123.37	100	100	46.52	0.07	0.14	
6055	6079	32.06	100	100	79.01	0.12	0.37	
6056	6080	58.46	100	100	290.92	0.43	4.13	
6057	6081	181.9	100	100	15.77	0.02	0.02	
6058	6082	148.34	100	100	86.93	0.13	0.44	
6059	6083	52.83	100	100	53.35	0.08	0.18	
6060	6084	93.75	100	100	11.44	0.02	0.01	
6061	6085	49.01	100	100	80.09	0.12	0.38	
6062	6086	61.71	100	100	69.59	0.1	0.29	
6063	6087	114.43	100	100	96.95	0.14	0.54	
6064	6088	42.78	100	100	70.32	0.1	0.3	
6065	6089	94.99	100	100	37.76	0.06	0.09	
6066	6090	116.13	100	100	14.26	0.02	0.02	
6067	6091	34.1	100	100	104.31	0.15	0.62	
6068	6092	185.68	100	100	43.67	0.06	0.12	
6069	6093	103.25	100	100	47.36	0.07	0.14	
6070	6094	101.12	100	100	7.49	0.01	0	
6071	6095	88.2	100	100	69.79	0.1	0.29	
6072	6096	81.44	100	100	138.67	0.2	1.05	
6073	6097	129.11	100	100	48.20	0.07	0.15	
6074	6098	124.96	100	100	52.55	0.08	0.17	
6075	6099	19.37	100	100	299.67	0.44	4.36	
6076	6100	227.05	100	100	6.52	0.01	0	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
6077	6101	80.96	100	100	33.70	0.05	0.08	
6078	6102	139.2	100	100	6.76	0.01	0	
6079	6103	101.31	100	100	19.19	0.03	0.03	
6080	6104	77.25	100	100	56.55	0.08	0.2	
6081	6105	64.41	100	100	15.20	0.02	0.02	
6082	6106	225.98	100	100	30.10	0.04	0.06	
6083	6107	191.06	100	100	24.86	0.04	0.04	
6084	6108	65.08	100	100	453.37	0.67	9.38	
6085	6109	58.23	100	100	25.69	0.04	0.05	
6086	6110	215.68	100	100	185.49	0.27	1.79	
6087	6111	131.12	100	100	21.98	0.03	0.03	
6088	6112	502.55	100	100	24.51	0.04	0.04	
6089	6113	673.57	100	100	49.01	0.07	0.15	
6090	6114	163.55	200	100	17.90	0.01	0	
6091	6115	114.43	100	100	188.05	0.28	1.84	
6092	6116	14.96	300	100	1530.64	0.25	0.42	
6093	6117	78.67	150	100	315.08	0.21	0.66	
6094	6118	1.54	200	100	162.78	0.06	0.05	
6095	6119	178.52	80	100	85.20	0.2	1.26	
6096	6120	34.39	200	100	873.74	0.32	1.08	
6097	6121	438.55	300	100	0.00	0	0	
6098	6122	106.56	100	100	34.69	0.05	0.08	
6099	6123	65.75	80	100	31.78	0.07	0.2	
6100	6124	34.24	150	100	217.94	0.14	0.34	
6101	6125	142.07	100	100	34.80	0.05	0.08	
6102	6126	47.06	200	100	768.89	0.28	0.85	
6103	6127	39.34	80	100	9.85	0.02	0.02	
6104	6128	74.72	150	100	237.81	0.16	0.39	
6105	6129	1016.39	600	100	1475.08	0.06	0.01	
6106	6130	375.68	600	100	16162.64	0.66	1.14	
6107	6131	2.55	600	100	1341.49	0.05	0.01	
6108	6132	26.84	200	100	74.37	0.03	0	
6109	6133	98.84	900	100	2524.33	0.05	0.01	
6110	6134	114.01	500	100	1806.49	0.11	0.05	
6111	6135	227.64	150	100	19.39	0.01	0	
6112	6136	210.04	150	100	39.07	0.03	0.01	
6113	6137	143.91	150	100	122.37	0.08	0.12	
6114	6138	12.34	150	100	68.46	0.04	0.04	
6115	6139	13.63	150	100	81.14	0.05	0.05	
6116	6140	263.47	100	100	15.18	0.02	0.02	
6117	6141	53.84	100	100	16.27	0.02	0.02	
6118	6142	175.29	100	100	64.99	0.1	0.26	
6119	6143	11.82	300	100	1339.30	0.22	0.33	
6120	6144	58.21	500	100	4786.36	0.28	0.29	
6121	6145	82.96	80	100	14.56	0.03	0.05	
6122	6146	15.51	100	100	23.32	0.03	0.04	
6123	6147	68.93	80	100	2.49	0.01	0	
6124	6148	24.7	100	100	1.72	0	0	
6125	6149	95.68	100	100	44.66	0.07	0.13	
6126	6150	150.92	100	100	39.63	0.06	0.1	
6127	6151	103.02	100	100	50.41	0.07	0.16	
6128	6152	83.92	100	100	12.93	0.02	0.01	
6129	6153	49.92	100	100	37.05	0.05	0.09	
6130	6154	92.95	150	100	139.41	0.09	0.15	
6131	6155	497.71	600	100	6859.40	0.28	0.23	
6132	6156	22.27	300	100	937.93	0.15	0.17	
6133	6157	323.69	600	100	7595.48	0.31	0.28	
6134	6158	48.56	200	100	329.21	0.12	0.18	
6135	6159	0.86	200	100	612.05	0.23	0.56	
6136	6160	27.63	500	100	4800.97	0.28	0.29	
6137	6161	58.26	200	100	90.73	0.03	0.02	
6138	6162	152.44	150	100	170.18	0.11	0.21	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
6139	6163	136.8	500	100	4771.09	0.28	0.29	
6140	6164	164.59	300	100	718.83	0.12	0.1	
6141	6165	53.21	150	100	258.01	0.17	0.46	
6142	6166	58.19	300	100	543.95	0.09	0.06	
6143	6167	87.32	150	100	156.38	0.1	0.18	
6144	6168	58.18	150	100	209.51	0.14	0.31	
6145	6169	236.01	500	100	5307.47	0.31	0.35	
6146	6170	126.95	150	100	14.15	0.01	0	
6147	6171	185.83	80	100	37.44	0.09	0.27	
6148	6172	161.29	100	100	145.45	0.21	1.14	
6149	6173	26.46	100	100	0.00	0	0	
6150	6174	46.38	150	100	709.68	0.46	2.99	
6151	6175	232.22	150	100	162.63	0.11	0.19	
6152	6176	23.63	300	100	0.00	0	0	
6153	6177	142.36	300	100	1273.15	0.21	0.3	
6154	6178	17.32	100	100	90.01	0.13	0.47	
6155	6179	134.43	300	100	452.78	0.07	0.04	
6156	6180	21.33	400	100	0.00	0	0	
6157	6181	49.54	150	100	0.00	0	0	
6158	6182	68.81	150	100	257.44	0.17	0.46	
6159	6183	54.73	100	100	69.41	0.1	0.29	
6160	6184	129.26	100	100	74.14	0.11	0.33	
6161	6185	45.48	100	100	206.95	0.3	2.2	
6162	6186	88.42	150	100	612.49	0.4	2.27	
6163	6187	45.64	100	100	152.23	0.22	1.24	
6164	6188	36.15	100	100	179.66	0.26	1.69	
6165	6189	36.76	200	100	320.84	0.12	0.17	
6166	6190	117.32	300	100	1307.80	0.21	0.32	
6167	6191	239.7	100	100	22.09	0.03	0.03	
6168	6192	237.16	100	100	20.30	0.03	0.03	
6169	6193	2.06	100	100	456.20	0.67	9.5	
6170	6194	52.1	100	100	140.50	0.21	1.07	
6171	6195	43.05	100	100	216.90	0.32	2.4	
6172	6196	56.17	100	100	203.75	0.3	2.13	
6173	6197	147.98	100	100	292.33	0.43	4.16	
6174	6198	13.92	300	100	1424.52	0.23	0.37	
6175	6199	9.74	100	100	212.22	0.31	2.3	
6176	6200	63.31	100	100	198.15	0.29	2.03	
6177	6201	12.97	100	100	168.75	0.25	1.5	
6178	6202	35.54	100	100	240.45	0.35	2.9	
6179	6203	44.86	100	100	88.80	0.13	0.46	
6180	6204	4.5	100	100	73.29	0.11	0.32	
6181	6205	48.1	150	100	450.50	0.3	1.29	
6182	6206	20.96	300	100	1920.36	0.31	0.64	
6183	6207	594.61	600	100	6077.92	0.25	0.19	
6184	6208	39.14	100	100	26.31	0.04	0.05	
6185	6209	117.4	100	100	123.47	0.18	0.84	
6186	6210	7.55	250	100	1722.06	0.41	1.28	
6187	6211	205.49	600	100	6769.64	0.28	0.23	
6188	6212	11.48	200	100	152.46	0.06	0.04	
6189	6213	5.99	200	100	9.36	0	0	
6190	6214	120.33	100	100	129.51	0.19	0.92	
6191	6215	204.85	200	100	478.85	0.18	0.35	
6192	6216	90.76	200	100	445.69	0.16	0.31	
6193	6217	51.53	100	100	41.34	0.06	0.11	
6194	6218	150.82	250	100	977.12	0.23	0.45	
6195	6219	76.05	200	100	660.47	0.24	0.64	
6196	6220	274.24	100	100	163.72	0.24	1.42	
6197	6221	44.22	100	100	120.64	0.18	0.81	
6198	6222	195.85	150	100	66.22	0.04	0.04	
6199	6223	59.33	150	100	69.04	0.05	0.04	
6200	6224	4.91	150	100	380.45	0.25	0.94	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
6201	6225	60.02	250	100	771.69	0.18	0.29	
6202	6226	96.02	250	100	296.29	0.07	0.05	
6203	6227	5.98	200	100	181.47	0.07	0.06	
6204	6228	1.53	200	100	435.14	0.16	0.3	
6205	6229	129.61	250	100	549.97	0.13	0.15	
6206	6230	44.49	150	100	3.57	0	0	
6207	6231	98.45	100	100	22.48	0.03	0.04	
6208	6232	58.99	200	100	20.74	0.01	0	
6209	6233	36.45	100	100	0.65	0	0	
6210	6234	99.82	150	100	59.24	0.04	0.03	
6211	6235	49.92	100	100	31.53	0.05	0.07	
6212	6236	94.67	100	100	28.68	0.04	0.06	
6213	6237	145.76	100	100	33.07	0.05	0.07	
6214	6238	8.13	100	100	109.51	0.16	0.68	
6215	6239	12.2	150	100	287.04	0.19	0.56	
6216	6240	116.39	100	100	1141.19	1.68	51.86	
6217	6241	97.76	100	100	148.70	0.22	1.19	
6218	6242	34.53	300	100	4875.94	0.8	3.62	
6219	6243	186.97	600	100	1722.06	0.07	0.02	
6220	6244	53.53	150	100	428.48	0.28	1.17	
6221	6245	6.44	100	100	351.58	0.52	5.86	
6222	6246	111.51	200	100	172.08	0.06	0.05	
6223	6247	50.61	100	100	145.50	0.21	1.14	
6224	6248	104.25	100	100	33.58	0.05	0.08	
6225	6249	98.11	150	100	72.90	0.05	0.04	
6226	6250	112.54	150	100	44.78	0.03	0.02	
6227	6251	43.53	100	100	512.11	0.75	11.76	
6228	6252	292.82	200	100	2013.67	0.74	5.07	
6229	6253	81.52	100	100	71.22	0.1	0.3	
6230	6254	154.27	150	100	196.07	0.13	0.28	
6231	6255	99.36	100	100	44.84	0.07	0.13	
6232	6256	220.09	100	100	64.06	0.09	0.25	
6233	6257	5.47	100	100	34.02	0.05	0.08	
6234	6258	38.16	150	100	115.69	0.08	0.1	
6235	6259	98.42	150	100	26.09	0.02	0.01	
6236	6260	49.69	150	100	68.83	0.05	0.04	
6237	6261	81.67	200	100	57.78	0.02	0.01	
6238	6262	87.75	200	100	123.83	0.05	0.03	
6239	6263	414.25	200	100	31.30	0.01	0	
6240	6264	9.14	200	100	596.02	0.22	0.53	
6241	6265	21.92	200	100	549.09	0.2	0.46	
6242	6266	129.46	100	100	9.15	0.01	0.01	
6243	6267	177.08	100	100	30.50	0.04	0.06	
6244	6268	41.05	200	100	307.91	0.11	0.16	
6245	6269	164.39	200	100	574.88	0.21	0.5	
6246	6270	217.07	200	100	831.90	0.31	0.99	
6247	6271	48.77	100	100	60.59	0.09	0.23	
6248	6272	42.12	150	100	27.22	0.02	0.01	
6249	6273	142.67	100	100	121.12	0.18	0.81	
6250	6274	127.16	100	100	186.76	0.28	1.82	
6251	6275	58.63	100	100	34.87	0.05	0.08	
6252	6276	9.83	300	100	1120.32	0.18	0.24	
6253	6277	84.17	200	100	307.40	0.11	0.16	
6254	6278	56.43	80	100	17.31	0.04	0.07	
6255	6279	20.62	200	100	404.00	0.15	0.26	
6256	6280	107.26	300	100	757.67	0.12	0.12	
6257	6281	112.08	100	100	97.72	0.14	0.55	
6258	6282	111.07	100	100	7.29	0.01	0	
6259	6283	137.68	300	100	386.25	0.06	0.03	
6260	6284	76.15	200	100	321.78	0.12	0.17	
6261	6285	1.26	80	100	5.95	0.01	0.01	
6262	6286	52.35	150	100	42.04	0.03	0.02	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
6263	6287	85.38	100	100	47.12	0.07	0.14	
6264	6288	44.5	100	100	32.81	0.05	0.07	
6265	6289	54.76	80	100	42.60	0.1	0.35	
6266	6290	22.56	300	100	205.28	0.03	0.01	
6267	6291	327.13	150	100	126.14	0.08	0.12	
6268	6292	27.07	300	100	1320.61	0.22	0.32	
6269	6293	7.12	300	100	1693.45	0.28	0.51	
6270	6294	5.94	300	100	1613.59	0.26	0.47	
6271	6295	51.1	100	100	29.63	0.04	0.06	
6272	6296	41.57	100	100	40.77	0.06	0.11	
6273	6297	56.41	100	100	45.30	0.07	0.13	
6274	6298	61.53	200	100	312.28	0.12	0.16	
6275	6299	58.82	100	100	33.02	0.05	0.07	
6276	6300	61.7965	100	100	85.07	0.13	0.42	
6277	6301	77.18	100	100	28.48	0.04	0.06	
6278	6302	7.82	150	100	390.84	0.26	0.99	
6279	6303	87.03	100	100	91.92	0.14	0.49	
6280	6304	95.42	100	100	12.34	0.02	0.01	
6281	6305	74.59	100	100	35.62	0.05	0.08	
6282	6306	5.07	100	100	128.25	0.19	0.9	
6283	6307	45.9	200	100	452.65	0.17	0.32	
6284	6308	162.62	100	100	96.22	0.14	0.53	
6285	6309	200.35	200	100	29.99	0.01	0	
6286	6310	97.99	100	100	3.77	0.01	0	
6287	6311	36.09	100	100	91.29	0.13	0.48	
6288	6312	94.68	200	100	105.21	0.04	0.02	
6289	6313	9.02	100	100	132.18	0.19	0.96	
6290	6314	37.59	100	100	34.97	0.05	0.08	
6291	6315	91.28	100	100	57.75	0.09	0.21	
6292	6316	27.3	100	100	104.96	0.15	0.62	
6293	6317	47.36	300	100	2079.41	0.34	0.75	
6294	6318	7.05	100	100	74.23	0.11	0.33	
6295	6319	76.94	100	100	26.54	0.04	0.05	
6296	6320	21	150	100	577.74	0.38	2.04	
6297	6321	110.37	100	100	174.37	0.26	1.6	
6298	6322	23.93	250	100	2426.44	0.57	2.42	
6299	6323	107.75	200	100	77.41	0.03	0.01	
6300	6324	6.59	400	100	1577.07	0.15	0.11	
6301	6325	150.29	100	100	82.60	0.12	0.4	
6302	6326	77.51	250	100	1807.74	0.43	1.4	
6303	6327	1.41	200	100	93.36	0.03	0.01	
6304	6328	126.31	400	100	7969.14	0.73	2.22	
6305	6329	4.01	300	100	1983.30	0.32	0.68	
6306	6330	170.28	150	100	532.41	0.35	1.75	
6307	6331	46.22	100	100	193.48	0.29	1.94	
6308	6332	58.84	100	100	47.63	0.07	0.14	
6309	6333	50.34	100	100	100.69	0.15	0.58	
6310	6334	74.6	100	100	135.01	0.2	1	
6311	6335	53.4	100	100	32.12	0.05	0.07	
6312	6336	107.97	300	100	1868.52	0.31	0.61	
6313	6337	82.05	300	100	2061.44	0.34	0.74	
6314	6338	35.89	100	100	183.80	0.27	1.76	
6315	6339	43.62	100	100	21.51	0.03	0.03	
6316	6340	118.06	100	100	122.55	0.18	0.83	
6317	6341	52.52	300	100	2293.78	0.38	0.9	
6318	6342	49.7	300	100	2558.24	0.42	1.1	
6319	6343	70.33	100	100	184.57	0.27	1.78	
6320	6344	48.7	300	100	2247.80	0.37	0.86	
6321	6345	93.55	100	100	206.25	0.3	2.18	
6322	6346	111.83	100	100	191.97	0.28	1.91	
6323	6347	95.65	200	100	330.95	0.12	0.18	
6324	6348	120.46	100	100	158.14	0.23	1.33	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
6325	6349	50.53	100	100	81.26	0.12	0.39	
6326	6350	100	300	100	738.12	0.12	0.11	
6327	6351	111.32	150	100	241.48	0.16	0.41	
6328	6352	10.84	150	100	1030.81	0.68	5.96	
6329	6353	13.92	150	100	752.21	0.49	3.33	
6330	6354	68.42	100	100	161.20	0.24	1.38	
6331	6355	91.55	100	100	12.92	0.02	0.01	
6332	6356	183.49	150	100	340.31	0.22	0.77	
6333	6357	47.47	100	100	89.05	0.13	0.46	
6334	6358	46.79	100	100	103.54	0.15	0.61	
6335	6359	6.19	150	100	138.76	0.09	0.14	
6336	6360	46.48	100	100	101.40	0.15	0.59	
6337	6361	110.74	100	100	88.53	0.13	0.46	
6338	6362	51.73	100	100	35.56	0.05	0.08	
6339	6363	49.7	150	100	213.11	0.14	0.32	
6340	6364	131.73	100	100	84.62	0.12	0.42	
6341	6365	31.61	150	100	401.80	0.26	1.04	
6342	6366	1.21	150	100	404.16	0.26	1.05	
6343	6367	80.65	150	100	318.40	0.21	0.68	
6344	6368	69.28	150	100	264.27	0.17	0.48	
6345	6369	10.06	150	100	265.72	0.17	0.48	
6346	6370	232.32	100	100	169.08	0.25	1.51	
6347	6371	47.34	150	100	198.29	0.13	0.28	
6348	6372	119.34	100	100	75.88	0.11	0.34	
6349	6373	133.89	150	100	232.31	0.15	0.38	
6350	6374	46.59	150	100	246.94	0.16	0.42	
6351	6375	140.38	200	100	76.08	0.03	0.01	
6352	6376	110.67	150	100	774.92	0.51	3.51	
6353	6377	48.12	200	100	558.38	0.21	0.47	
6354	6378	15.05	150	100	347.66	0.23	0.8	
6355	6379	10.04	300	100	363.43	0.06	0.03	
6356	6380	9.66	150	100	290.45	0.19	0.57	
6357	6381	98.58	150	100	194.73	0.13	0.27	
6358	6382	101.56	150	100	63.92	0.04	0.03	
6359	6383	6.52	400	100	1529.13	0.14	0.1	
6360	6384	44.41	150	100	1.93	0	0	
6361	6385	50.95	150	100	124.57	0.08	0.12	
6362	6386	45.46	150	100	41.96	0.03	0.02	
6363	6387	43.96	100	100	110.28	0.16	0.68	
6364	6388	49.18	150	100	83.90	0.05	0.06	
6365	6389	61.79	100	100	48.94	0.07	0.15	
6366	6390	52.38	150	100	57.80	0.04	0.03	
6367	6391	12.96	150	100	143.14	0.09	0.15	
6368	6392	51	150	100	154.54	0.1	0.18	
6369	6393	74.33	100	100	28.69	0.04	0.06	
6370	6394	42.09	150	100	40.80	0.03	0.02	
6371	6395	265.79	500	100	4676.39	0.28	0.28	
6372	6396	10.88	150	100	456.91	0.3	1.32	
6373	6397	35.68	100	100	38.04	0.06	0.1	
6374	6398	43.79	100	100	2.49	0	0	
6375	6399	49.94	100	100	12.08	0.02	0.01	
6376	6400	254.76	150	100	93.41	0.06	0.07	
6377	6401	63.52	100	100	11.41	0.02	0.01	
6378	6402	164.16	100	100	33.14	0.05	0.07	
6379	6403	36.12	150	100	60.33	0.04	0.03	
6380	6404	12.22	100	100	26.19	0.04	0.05	
6381	6405	13.92	150	100	70.92	0.05	0.04	
6382	6406	73.91	100	100	55.83	0.08	0.19	
6383	6407	82.66	100	100	47.35	0.07	0.14	
6384	6408	59.34	100	100	57.25	0.08	0.2	
6385	6409	95.61	500	100	4341.47	0.26	0.24	
6386	6410	48.83	400	100	729.80	0.07	0.03	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
6387	6411	103.09	100	100	2.97	0	0	
6388	6412	37.49	150	100	222.92	0.15	0.35	
6389	6413	44.71	150	100	106.89	0.07	0.09	
6390	6414	39.93	150	100	290.88	0.19	0.57	
6391	6415	64.72	150	100	41.28	0.03	0.02	
6392	6416	153.03	400	100	450.10	0.04	0.01	
6393	6417	97.37	300	100	224.47	0.04	0.01	
6394	6418	26.07	100	100	1.55	0	0	
6395	6419	46.28	150	100	117.77	0.08	0.11	
6396	6420	76.28	400	100	646.92	0.06	0.02	
6397	6421	46.63	200	100	283.10	0.1	0.13	
6398	6422	55	100	100	7.31	0.01	0	
6399	6423	71.78	100	100	2.67	0	0	
6400	6424	48.12	200	100	107.23	0.04	0.02	
6401	6425	88.23	100	100	6.26	0.01	0	
6402	6426	42.61	150	100	189.27	0.12	0.26	
6403	6427	99.92	100	100	13.90	0.02	0.01	
6404	6428	107.9	80	100	8.84	0.02	0.02	
6405	6429	13.87	200	100	318.19	0.12	0.17	
6406	6430	43.53	80	100	1.81	0	0	
6407	6431	119.58	100	100	12.47	0.02	0.01	
6408	6432	101.81	100	100	32.02	0.05	0.07	
6409	6433	12.63	150	100	73.35	0.05	0.04	
6410	6434	105.24	100	100	21.45	0.03	0.03	
6411	6435	92.39	80	100	8.17	0.02	0.02	
6412	6436	148.03	100	100	27.73	0.04	0.05	
6413	6437	82.97	100	100	37.38	0.06	0.09	
6414	6438	106.69	80	100	6.99	0.02	0.01	
6415	6439	124.48	100	100	118.12	0.17	0.78	
6416	6440	71.61	100	100	14.66	0.02	0.02	
6417	6441	104.25	150	100	210.97	0.14	0.32	
6418	6442	20.87	150	100	1694.46	1.11	14.96	
6419	6443	16.06	150	100	709.98	0.47	2.99	
6420	6444	9.72	200	100	984.48	0.36	1.35	
6421	6445	21.3	100	100	409.51	0.6	7.77	
6422	6446	57.43	150	100	605.70	0.4	2.23	
6423	6447	33.37	150	100	755.89	0.5	3.36	
6424	6448	158.73	100	100	89.19	0.13	0.46	
6425	6449	14.68	100	100	189.80	0.28	1.87	
6426	6450	68.91	150	100	90.87	0.06	0.07	
6427	6451	28.61	150	100	178.85	0.12	0.23	
6428	6452	97.57	150	100	94.19	0.06	0.07	
6429	6453	19.4	100	100	172.03	0.25	1.56	
6430	6454	90.89	200	100	257.62	0.09	0.11	
6431	6455	48.48	100	100	22.09	0.03	0.03	
6432	6456	66.72	150	100	175.51	0.11	0.22	
6433	6457	31.44	100	100	81.82	0.12	0.39	
6434	6458	112.6	100	100	23.72	0.03	0.04	
6435	6459	62.36	200	100	372.37	0.14	0.22	
6436	6460	7.34	500	100	4080.04	0.24	0.22	
6437	6461	153.91	900	100	1321.59	0.02	0	
6438	6462	169.09	200	100	158.90	0.06	0.05	
6439	6463	129.41	100	100	69.55	0.1	0.29	
6440	6464	82.53	100	100	46.05	0.07	0.14	
6441	6465	40	100	100	52.55	0.08	0.17	
6442	6466	58.68	100	100	9.82	0.01	0.01	
6443	6467	13.86	100	100	27.93	0.04	0.05	
6444	6468	112.16	100	100	7.55	0.01	0	
6445	6469	18.01	150	100	27.44	0.02	0.01	
6446	6470	60.37	100	100	7.82	0.01	0.01	
6447	6471	137.59	100	100	25.02	0.04	0.04	
6448	6472	46.11	100	100	52.02	0.08	0.17	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
6449	6473	44.84	100	100	35.27	0.05	0.08	
6450	6474	37.54	100	100	90.45	0.13	0.47	
6451	6475	13.23	100	100	96.60	0.14	0.54	
6452	6476	59.18	100	100	10.55	0.02	0.01	
6453	6477	86.73	500	100	4469.11	0.26	0.26	
6454	6478	41.3	100	100	29.34	0.04	0.06	
6455	6479	31.46	100	100	87.18	0.13	0.44	
6456	6480	76.21	150	100	164.22	0.11	0.2	
6457	6481	335.8	600	100	4348.44	0.18	0.1	
6458	6482	189.81	150	100	145.63	0.1	0.16	
6459	6483	11.25	400	100	1852.11	0.17	0.15	
6460	6484	9.14	100	100	5.67	0.01	0	
6461	6485	119.28	100	100	45.47	0.07	0.13	
6462	6486	145.59	100	100	65.06	0.1	0.26	
6463	6487	25.41	150	100	311.49	0.2	0.65	
6464	6488	78.32	100	100	50.11	0.07	0.16	
6465	6489	97.17	150	100	199.29	0.13	0.28	
6466	6490	364.33	100	100	28.42	0.04	0.06	
6467	6491	26.23	150	100	221.84	0.15	0.35	
6468	6492	12.08	100	100	95.52	0.14	0.52	
6469	6493	351.86	300	100	1210.46	0.2	0.27	
6470	6494	12.47	200	100	135.97	0.05	0.03	
6471	6495	77.89	100	100	43.24	0.06	0.12	
6472	6496	52.52	100	100	42.64	0.06	0.12	
6473	6497	95.26	150	100	0.15	0	0	
6474	6498	77.93	100	100	2.07	0	0	
6475	6499	96.84	100	100	7.02	0.01	0	
6476	6500	138.39	100	100	4.83	0.01	0	
6477	6501	15.25	100	100	34.78	0.05	0.08	
6478	6502	147.9	100	100	19.78	0.03	0.03	
6479	6503	49.29	80	100	39.68	0.09	0.31	
6480	6504	326.51	150	100	107.85	0.07	0.09	
6481	6505	218.18	150	100	9.07	0.01	0	
6482	6506	277.06	150	100	32.91	0.02	0.01	
6483	6507	270.25	400	100	146.42	0.01	0	
6484	6508	81.37	80	100	86.61	0.2	1.3	
6485	6509	114.42	80	100	32.22	0.07	0.21	
6486	6510	34.92	150	100	70.42	0.05	0.04	
6487	6511	46.32	150	100	87.08	0.06	0.06	
6488	6512	167.51	80	100	8.86	0.02	0.02	
6489	6513	108.06	100	100	8.82	0.01	0	
6490	6514	42.37	150	100	101.04	0.07	0.08	
6491	6515	81.66	100	100	27.79	0.04	0.05	
6492	6516	110.53	150	100	28.47	0.02	0.01	
6493	6517	110	100	100	29.86	0.04	0.06	
6494	6518	13.18	100	100	172.06	0.25	1.56	
6495	6519	171.22	150	100	31.42	0.02	0.01	
6496	6520	59.27	150	100	46.35	0.03	0.02	
6497	6521	14.29	150	100	78.57	0.05	0.05	
6498	6522	119.57	80	100	34.75	0.08	0.24	
6499	6523	156.29	150	100	183.61	0.12	0.24	
6500	6524	349.92	150	100	93.53	0.06	0.07	
6501	6525	2.39	150	100	295.93	0.19	0.59	
6502	6526	109.09	150	100	34.62	0.02	0.01	
6503	6527	12.9	500	100	3121.02	0.18	0.13	
6504	6528	107.76	150	100	97.54	0.06	0.08	
6505	6529	34.19	100	100	16.95	0.02	0.02	
6506	6530	39.84	100	100	24.97	0.04	0.04	
6507	6531	34.44	100	100	26.42	0.04	0.05	
6508	6532	31.9	150	100	50.49	0.03	0.02	
6509	6533	14.08	400	100	92.51	0.01	0	
6510	6534	57.21	200	100	1393.99	0.51	2.57	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
6511	6535	34.5	150	100	133.94	0.09	0.14	
6512	6536	40.17	200	100	155.66	0.06	0.04	
6513	6537	44.83	400	100	5957.36	0.55	1.29	
6514	6538	124.93	100	100	189.94	0.28	1.87	
6515	6539	1.8	150	100	1298.29	0.85	9.14	
6516	6540	81.13	150	100	235.67	0.15	0.39	
6517	6541	9.47	200	100	74.58	0.03	0.01	
6518	6542	223.85	100	100	293.86	0.43	4.2	
6519	6543	148.42	300	100	1084.44	0.18	0.22	
6520	6544	81.32	100	100	62.42	0.09	0.24	
6521	6545	88.23	100	100	74.95	0.11	0.33	
6522	6546	26.54	300	100	3630.42	0.59	2.1	
6523	6547	40.75	200	100	600.53	0.22	0.54	
6524	6548	13.27	300	100	278.35	0.05	0.02	
6525	6549	25.48	100	100	142.46	0.21	1.1	
6526	6550	233.96	350	100	1958.55	0.24	0.32	
6527	6551	0.79	400	100	1289.10	0.12	0.08	
6528	6552	103.68	150	100	411.40	0.27	1.09	
6529	6553	3.73	400	100	231.29	0.02	0	
6530	6554	149.72	300	100	4417.83	0.72	3.02	
6531	6555	205.34	100	100	64.14	0.09	0.25	
6532	6556	59.16	100	100	10.96	0.02	0.01	
6533	6557	34.97	80	100	22.96	0.05	0.11	
6534	6558	35.29	150	100	142.10	0.09	0.15	
6535	6559	14.24	150	100	128.03	0.08	0.13	
6536	6560	18.51	150	100	14.07	0.01	0	
6537	6561	22.85	150	100	184.75	0.12	0.25	
6538	6562	160.2	100	100	3.73	0.01	0	
6539	6564	144.02	100	100	3.73	0.01	0	
6540	6565	734.42	600	100	3814.80	0.16	0.08	
6541	6566	48.94	150	100	169.77	0.11	0.21	
6542	6567	15.91	150	100	0.00	0	0	
6543	6568	54	150	100	82.51	0.05	0.06	
6544	6569	20.77	150	100	224.86	0.15	0.36	
6545	6570	161.73	100	100	8.38	0.01	0.01	
6546	6571	37.7	200	100	27.04	0.01	0	
6547	6572	57.56	150	100	23.76	0.02	0.01	
6548	6573	20.37	150	100	61.31	0.04	0.03	
6549	6574	37	200	100	89.20	0.03	0.02	
6550	6575	16.57	100	100	36.67	0.05	0.09	
6551	6576	16.79	80	100	10.35	0.02	0.02	
6552	6577	63.01	80	100	6.26	0.01	0.01	
6553	6578	101.23	80	100	13.82	0.03	0.04	
6554	6579	216.88	100	100	120.82	0.18	0.81	
6555	6580	54.47	100	100	106.81	0.16	0.64	
6556	6581	9.42	100	100	200.48	0.3	2.07	
6557	6582	133.89	100	100	153.69	0.23	1.27	
6558	6583	20.75	100	100	8.41	0.01	0.01	
6559	6584	16.03	400	100	1729.77	0.16	0.13	
6560	6585	204.97	400	100	1697.64	0.16	0.13	
6561	6586	297.58	200	100	664.14	0.24	0.65	
6562	6587	27.5	600	100	5927.98	0.24	0.18	
6563	6588	8.88	300	100	859.18	0.14	0.14	
6564	6590	6.19	100	100	155.56	0.23	1.29	
6565	6591	37.16	200	100	123.79	0.05	0.03	
6566	6592	35.52	100	100	1.71	0	0	
6567	6593	59.97	100	100	99.84	0.15	0.57	
6568	6594	105.18	150	100	192.25	0.13	0.27	
6569	6595	91.53	100	100	2.35	0	0	
6570	6596	14.91	150	100	175.48	0.11	0.22	
6571	6597	17.5	150	100	80.87	0.05	0.05	
6572	6598	254.85	300	100	84.83	0.01	0	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
6573	6599	102.99	100	100	14.03	0.02	0.02	
6574	6600	33.38	100	100	22.81	0.03	0.04	
6575	6601	3.1	150	100	47.44	0.03	0.02	
6576	6602	98.46	150	100	32.37	0.02	0.01	
6577	6603	55.54	200	100	1030.25	0.38	1.47	
6578	6604	85.69	150	100	114.16	0.07	0.1	
6579	6605	15.16	100	100	146.89	0.22	1.16	
6580	6606	113.25	100	100	28.92	0.04	0.06	
6581	6607	95.91	150	100	43.96	0.03	0.02	
6582	6608	25.49	100	100	4.38	0.01	0	
6583	6609	57.88	80	100	41.63	0.1	0.33	
6584	6610	140.28	80	100	17.08	0.04	0.06	
6585	6611	20.89	100	100	10.60	0.02	0.01	
6586	6612	23.74	100	100	23.38	0.03	0.04	
6587	6613	16.63	100	100	15.82	0.02	0.02	
6588	6614	72.15	100	100	38.17	0.06	0.1	
6589	6615	71.92	100	100	57.63	0.08	0.21	
6590	6616	31.22	100	100	21.14	0.03	0.03	
6591	6617	47.96	100	100	16.17	0.02	0.02	
6592	6618	47.35	100	100	35.92	0.05	0.09	
6593	6619	40.69	100	100	36.17	0.05	0.09	
6594	6620	175.7	100	100	56.84	0.08	0.2	
6595	6621	35.57	100	100	65.29	0.1	0.26	
6596	6622	72.23	100	100	0.62	0	0	
6597	6623	63.15	100	100	22.04	0.03	0.03	
6598	6624	24.39	100	100	45.95	0.07	0.14	
6599	6625	43.44	100	100	68.31	0.1	0.28	
6600	6626	13.07	100	100	102.67	0.15	0.6	
6601	6627	15.91	100	100	34.36	0.05	0.08	
6602	6628	80.8	80	100	12.34	0.03	0.04	
6603	6629	48.88	150	100	5.90	0	0	
6604	6630	77.62	150	100	216.32	0.14	0.33	
6605	6631	19.45	150	100	400.13	0.26	1.03	
6606	6632	123.25	150	100	104.35	0.07	0.09	
6607	6633	10.8	200	100	1091.29	0.4	1.63	
6608	6634	6.7	150	100	104.35	0.07	0.08	
6609	6635	2.27	150	100	104.35	0.07	0.09	
6610	6636	97.06	200	100	350.65	0.13	0.2	
6611	6637	25.31	500	100	2769.18	0.16	0.11	
6612	6638	4.34	600	100	1797.16	0.07	0.02	
6613	6639	4.26	500	100	3159.86	0.19	0.14	
6614	6640	27.89	500	100	4848.28	0.29	0.3	
6615	6641	103.71	150	100	47.71	0.03	0.02	
6616	6642	211.3	100	100	7.82	0.01	0.01	
6617	6643	32.62	100	100	16.68	0.02	0.02	
6618	6644	98.73	100	100	32.89	0.05	0.07	
6619	6645	14.72	100	100	75.47	0.11	0.34	
6620	6646	39.57	150	100	43.34	0.03	0.02	
6621	6647	263.84	150	100	7.86	0.01	0	
6622	6648	111.77	100	100	47.65	0.07	0.14	
6623	6649	195.85	100	100	0.00	0	0	
6624	6650	45.24	200	100	112.31	0.04	0.02	
6625	6652	3.05	100	100	63.01	0.09	0.24	
6626	6653	54.7	150	100	357.64	0.23	0.84	
6627	6654	1.47	150	100	193.62	0.13	0.27	
6628	6655	40.79	100	100	87.74	0.13	0.45	
6629	6656	100.32	200	100	279.67	0.1	0.13	
6630	6657	113.84	200	100	167.17	0.06	0.05	
6631	6658	1.55	150	100	33.47	0.02	0.01	
6632	6659	304.19	200	100	112.31	0.04	0.02	
6633	6660	0.07	200	100	0.00	0	0	
6634	6661	149.92	150	100	53.73	0.04	0.03	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
6635	6662	72.8	150	100	232.21	0.15	0.38	
6636	6663	50.23	100	100	10.16	0.01	0.01	
6637	6664	10.33	100	100	56.71	0.08	0.2	
6638	6665	0.87	100	100	130.53	0.19	0.93	
6639	6666	92.57	100	100	23.31	0.03	0.04	
6640	6667	86.64	150	100	43.91	0.03	0.02	
6641	6668	22.11	200	100	252.40	0.09	0.11	
6642	6669	45.76	200	100	69.47	0.03	0.01	
6643	6670	99.66	150	100	174.84	0.11	0.22	
6644	6671	277.14	200	100	315.97	0.12	0.16	
6645	6673	62.12	100	100	43.29	0.06	0.12	
6646	6674	96.67	100	100	17.24	0.03	0.02	
6647	6675	28.93	100	100	74.82	0.11	0.33	
6648	6676	148.96	80	100	146.69	0.34	3.44	
6649	6677	9.27	150	100	12.61	0.01	0	
6650	6678	54.8	100	100	57.16	0.08	0.2	
6651	6679	105.11	150	100	25.70	0.02	0.01	
6652	6680	2.78	100	100	68.47	0.1	0.28	
6653	6681	211.61	100	100	44.23	0.07	0.13	
6654	6682	117.9	100	100	9.58	0.01	0.01	
6655	6684	107.83	100	100	17.86	0.03	0.02	
6656	6685	47.39	200	100	81.36	0.03	0.01	
6657	6686	82.94	150	100	93.05	0.06	0.07	
6658	6687	83.41	100	100	33.17	0.05	0.07	
6659	6688	80.04	100	100	18.77	0.03	0.03	
6660	6689	82.48	150	100	70.55	0.05	0.04	
6661	6690	166.69	500	100	1722.41	0.1	0.04	
6662	6691	5.12	500	100	3138.36	0.18	0.13	
6663	6692	38.72	150	100	28.92	0.02	0.01	
6664	6693	191.36	150	100	26.63	0.02	0.01	
6665	6694	99.89	150	100	54.30	0.04	0.03	
6666	6695	46.81	100	100	21.25	0.03	0.03	
6667	6696	72.68	100	100	9.42	0.01	0.01	
6668	6697	100.02	100	100	21.18	0.03	0.03	
6669	6698	43.26	100	100	42.16	0.06	0.12	
6670	6699	39.23	150	100	153.92	0.1	0.18	
6671	6700	2.89	500	100	2834.63	0.17	0.11	
6672	6701	24.57	200	100	1402.54	0.52	2.6	
6673	6702	96.15	100	100	74.52	0.11	0.33	
6674	6703	99.48	150	100	178.30	0.12	0.23	
6675	6704	87.42	100	100	22.75	0.03	0.04	
6676	6705	47.09	150	100	120.00	0.08	0.11	
6677	6706	47.07	150	100	144.91	0.09	0.16	
6678	6707	46.31	100	100	86.85	0.13	0.44	
6679	6708	84.5	80	100	51.41	0.12	0.49	
6680	6709	58.73	100	100	111.49	0.16	0.7	
6681	6710	10.82	100	100	28.22	0.04	0.06	
6682	6711	104.61	80	100	56.09	0.13	0.58	
6683	6712	229.22	200	100	491.70	0.18	0.37	
6684	6713	57.41	100	100	53.24	0.08	0.18	
6685	6714	99.85	100	100	51.22	0.08	0.17	
6686	6715	147.07	500	100	2183.58	0.13	0.07	
6687	6716	104.88	400	100	0.00	0	0	
6688	6717	197.48	200	100	1497.11	0.55	2.93	
6689	6718	62.09	100	100	654.92	0.97	18.54	
6690	6719	74.23	200	100	1371.01	0.51	2.49	
6691	6720	57.66	100	100	146.45	0.22	1.16	
6692	6721	101.31	150	100	142.80	0.09	0.15	
6693	6722	65.19	100	100	103.36	0.15	0.61	
6694	6723	101.23	100	100	32.80	0.05	0.07	
6695	6724	193.01	150	100	26.20	0.02	0.01	
6696	6725	94.64	150	100	24.70	0.02	0.01	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
6697	6726	2.02	150	100	52.42	0.03	0.02	
6698	6727	211.22	150	100	133.66	0.09	0.14	
6699	6728	310.34	100	100	8.70	0.01	0.01	
6700	6729	56.94	100	100	24.06	0.04	0.04	
6701	6730	103.87	500	100	4386.35	0.26	0.25	
6702	6731	3.07	150	100	307.90	0.2	0.64	
6703	6732	31.59	500	100	4552.86	0.27	0.26	
6704	6733	164.3	500	100	4543.36	0.27	0.26	
6705	6734	304.47	100	100	46.79	0.07	0.14	
6706	6735	57.81	100	100	105.98	0.16	0.64	
6707	6736	197.92	100	100	13.62	0.02	0.01	
6708	6737	106.05	200	100	1596.54	0.59	3.3	
6709	6738	27.53	200	100	11.29	0	0	
6710	6739	16.33	250	100	2418.88	0.57	2.4	
6711	6740	112.12	100	100	14.32	0.02	0.01	
6712	6741	96.41	150	100	52.71	0.03	0.02	
6713	6742	94.49	200	100	117.76	0.04	0.03	
6714	6743	48.04	100	100	14.45	0.02	0.02	
6715	6744	1.25	150	100	23.90	0.02	0.01	
6716	6745	2.74	200	100	410.34	0.15	0.26	
6717	6746	400.91	200	100	101.35	0.04	0.02	
6718	6747	1.29	200	100	335.97	0.12	0.19	
6719	6748	26.59	200	100	74.37	0.03	0	
6720	6749	4.71	500	100	1074.04	0.06	0.02	
6721	6750	63.85	100	100	72.14	0.11	0.31	
6722	6751	3.2	100	100	80.09	0.12	0.38	
6723	6752	54.42	100	100	49.03	0.07	0.15	
6724	6753	6.24	500	100	900.73	0.05	0.01	
6725	6754	558.44	400	100	1745.36	0.16	0.13	
6726	6755	22.91	300	100	0.00	0	0	
6727	6756	110.17	100	100	58.57	0.09	0.21	
6728	6757	82.17	200	100	128.12	0.05	0.03	
6729	6758	143.27	200	100	361.34	0.13	0.21	
6730	6759	169.24	150	100	0.64	0	0	
6731	6760	62.12	100	100	128.63	0.19	0.91	
6732	6761	42.38	150	100	66.38	0.04	0.04	
6733	6762	64.2	100	100	64.61	0.1	0.25	
6734	6763	302.45	400	100	4795.35	0.44	0.86	
6735	6764	61.77	100	100	59.06	0.09	0.22	
6736	6765	220.52	100	100	44.32	0.07	0.13	
6737	6766	77.29	400	100	2516.51	0.23	0.26	
6738	6767	66.73	200	100	625.30	0.23	0.58	
6739	6768	49.22	100	100	204.42	0.3	2.15	
6740	6769	110.14	100	100	142.00	0.21	1.09	
6741	6770	135.87	600	100	9254.99	0.38	0.41	
6742	6771	639.78	400	100	4559.94	0.42	0.79	
6743	6772	61.94	200	100	943.74	0.35	1.25	
6744	6773	199.79	600	100	8029.31	0.33	0.31	
6745	6774	58.26	200	100	611.90	0.23	0.56	
6746	6775	5.21	600	100	239.50	0.01	0	
6747	6776	113.55	100	100	73.71	0.11	0.32	
6748	6777	13.22	200	100	418.32	0.15	0.28	
6749	6778	113.98	600	100	18653.62	0.76	1.48	
6750	6779	56.23	600	100	18598.52	0.76	1.48	
6751	6780	16.46	100	100	289.72	0.43	4.09	
6752	6781	95.24	100	100	24.01	0.04	0.04	
6753	6782	207.83	100	100	15.75	0.02	0.02	
6754	6783	68.49	600	100	22780.19	0.93	2.15	
6755	6784	131.75	100	100	19.34	0.03	0.03	
6756	6785	46.15	100	100	109.19	0.16	0.67	
6757	6786	153.5	100	100	60.54	0.09	0.23	
6758	6787	88.16	150	100	186.43	0.12	0.25	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
6759	6788	41.6	150	100	366.65	0.24	0.88	
6760	6789	87.63	150	100	291.33	0.19	0.57	
6761	6790	21.7	200	100	53.21	0.02	0.01	
6762	6791	40.51	600	100	10897.21	0.45	0.55	
6763	6792	115.6	150	100	252.51	0.17	0.44	
6764	6793	1.86	200	100	518.89	0.19	0.41	
6765	6794	75.69	150	100	279.20	0.18	0.53	
6766	6795	7.19	100	100	74.23	0.11	0.33	
6767	6796	77.17	150	100	226.60	0.15	0.36	
6768	6797	122.68	150	100	172.85	0.11	0.22	
6769	6798	123.34	150	100	177.44	0.12	0.23	
6770	6799	92.06	150	100	183.13	0.12	0.24	
6771	6800	62.54	100	100	177.02	0.26	1.64	
6772	6801	106.96	150	100	147.17	0.1	0.16	
6773	6802	310.29	250	100	1723.71	0.41	1.28	
6774	6803	52.86	100	100	71.62	0.11	0.31	
6775	6804	3.96	100	100	483.16	0.71	10.56	
6776	6805	39.45	100	100	121.90	0.18	0.82	
6777	6806	17.35	100	100	302.96	0.45	4.45	
6778	6807	121.86	100	100	71.05	0.1	0.3	
6779	6808	122.96	100	100	30.22	0.04	0.06	
6780	6809	54.81	100	100	14.50	0.02	0.02	
6781	6810	13.51	200	100	61.79	0.02	0.01	
6782	6811	123.41	100	100	89.43	0.13	0.46	
6783	6812	247.44	100	100	12.55	0.02	0.01	
6784	6813	79.04	100	100	48.83	0.07	0.15	
6785	6814	128.99	100	100	69.78	0.1	0.29	
6786	6815	74.16	100	100	54.07	0.08	0.18	
6787	6816	106.95	100	100	37.44	0.06	0.09	
6788	6817	115.26	100	100	47.48	0.07	0.14	
6789	6818	86.23	100	100	108.49	0.16	0.66	
6790	6819	83.28	100	100	106.47	0.16	0.64	
6791	6820	75	100	100	53.18	0.08	0.18	
6792	6821	658.75	150	100	443.45	0.29	1.25	
6793	6822	205.07	100	100	94.13	0.14	0.51	
6794	6823	184.65	150	100	205.08	0.13	0.3	
6795	6824	7.32	150	100	257.43	0.17	0.46	
6796	6825	93.69	100	100	67.37	0.1	0.27	
6797	6826	27.58	100	100	221.03	0.33	2.48	
6798	6827	19.25	100	100	106.38	0.16	0.64	
6799	6828	117.22	600	100	11931.60	0.49	0.65	
6800	6829	97.4	600	100	10626.78	0.44	0.52	
6801	6830	6.43	200	100	723.12	0.27	0.76	
6802	6831	54.26	100	100	87.83	0.13	0.45	
6803	6832	79.87	200	100	817.82	0.3	0.96	
6804	6833	25.13	100	100	60.67	0.09	0.23	
6805	6834	45.52	100	100	70.80	0.1	0.3	
6806	6835	46.21	100	100	231.55	0.34	2.7	
6807	6836	59.82	600	100	19331.28	0.79	1.59	
6808	6837	72.33	200	100	1042.30	0.38	1.5	
6809	6838	119.73	100	100	12.00	0.02	0.01	
6810	6839	46.93	100	100	79.23	0.12	0.37	
6811	6840	119.14	100	100	38.29	0.06	0.1	
6812	6841	43.71	100	100	83.76	0.12	0.41	
6813	6842	61.33	100	100	119.57	0.18	0.8	
6814	6843	55.86	100	100	22.91	0.03	0.04	
6815	6844	216.28	300	100	2484.68	0.41	1.04	
6816	6845	49.67	300	100	182.52	0.03	0.01	
6817	6846	52.16	100	100	227.12	0.33	2.61	
6818	6847	75.41	200	100	672.33	0.25	0.67	
6819	6848	132.67	100	100	25.47	0.04	0.05	
6820	6849	136.41	100	100	0.13	0	0	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
6821	6850	58.15	200	100	49.82	0.02	0.01	
6822	6851	875.42	600	100	16166.72	0.66	1.14	
6823	6852	245.45	300	100	617.51	0.1	0.08	
6824	6853	27.55	300	100	1734.49	0.28	0.53	
6825	6854	8.81	400	100	355.12	0.03	0.01	
6826	6855	30.61	100	100	31.94	0.05	0.07	
6827	6856	74.27	300	100	1068.50	0.17	0.22	
6828	6857	159.26	150	100	96.39	0.06	0.07	
6829	6858	161.07	150	100	95.85	0.06	0.07	
6830	6859	42.42	150	100	126.04	0.08	0.12	
6831	6860	18.15	100	100	42.33	0.06	0.12	
6832	6861	55.19	150	100	218.97	0.14	0.34	
6833	6862	141.81	150	100	155.53	0.1	0.18	
6834	6863	71.16	100	100	50.90	0.08	0.16	
6835	6864	217.06	100	100	28.22	0.04	0.05	
6836	6865	45.49	150	100	120.10	0.08	0.11	
6837	6866	71.48	100	100	10.87	0.02	0.01	
6838	6867	381.29	200	100	356.88	0.13	0.21	
6839	6868	61.89	150	100	352.31	0.23	0.82	
6840	6869	102.93	150	100	150.51	0.1	0.17	
6841	6870	7.23	150	100	848.81	0.56	4.16	
6842	6871	195.53	600	100	5321.85	0.22	0.15	
6843	6872	21.24	300	100	1587.14	0.26	0.45	
6844	6873	26.62	300	100	911.73	0.15	0.16	
6845	6874	17.05	600	100	13378.41	0.55	0.8	
6846	6875	30.07	600	100	17178.17	0.7	1.27	
6847	6876	18.48	400	100	520.89	0.05	0.01	
6848	6877	159.72	150	100	501.95	0.33	1.57	
6849	6878	3.78	200	100	1002.51	0.37	1.4	
6850	6879	9.54	600	100	16491.55	0.68	1.18	
6851	6880	21.87	200	100	1440.88	0.53	2.73	
6852	6881	68.57	100	100	150.91	0.22	1.22	
6853	6882	98.92	100	100	151.63	0.22	1.23	
6854	6883	96.49	100	100	93.96	0.14	0.51	
6855	6884	159.24	100	100	52.92	0.08	0.18	
6856	6885	160.31	100	100	5.71	0.01	0	
6857	6886	20	150	100	194.09	0.13	0.27	
6858	6887	17.67	100	100	126.76	0.19	0.89	
6859	6888	53.33	100	100	0.39	0	0	
6860	6889	60.46	100	100	26.64	0.04	0.05	
6861	6890	62.61	100	100	60.46	0.09	0.22	
6862	6891	93.71	100	100	96.65	0.14	0.54	
6863	6892	28.88	150	100	111.52	0.07	0.1	
6864	6893	89.61	100	100	62.90	0.09	0.24	
6865	6894	53.5	150	100	111.90	0.07	0.1	
6866	6895	65.3	100	100	24.23	0.04	0.04	
6867	6896	219.13	300	100	1094.98	0.18	0.23	
6868	6897	55.71	400	100	310.63	0.03	0.01	
6869	6898	118.73	150	100	141.72	0.09	0.15	
6870	6899	73.64	100	100	1.12	0	0	
6871	6900	57.12	150	100	227.90	0.15	0.36	
6872	6901	217.4	100	100	151.12	0.22	1.22	
6873	6902	13.93	400	100	1866.98	0.17	0.15	
6874	6903	9.59	400	100	1425.31	0.13	0.09	
6875	6904	158.37	400	100	1167.93	0.11	0.06	
6876	6905	124.35	400	100	657.63	0.06	0.02	
6877	6906	32.31	150	100	265.67	0.17	0.48	
6878	6907	35.78	150	100	295.74	0.19	0.59	
6879	6908	97.05	100	100	107.50	0.16	0.65	
6880	6909	44.02	150	100	31.63	0.02	0.01	
6881	6910	178.05	200	100	60.08	0.02	0.01	
6882	6911	71.11	150	100	272.43	0.18	0.51	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
6883	6912	57.01	100	100	113.05	0.17	0.72	
6884	6913	58.91	80	100	47.07	0.11	0.42	
6885	6914	53.22	250	100	378.20	0.09	0.08	
6886	6915	68.49	200	100	652.53	0.24	0.63	
6887	6916	61.15	350	100	1432.60	0.17	0.18	
6888	6917	97.03	150	100	645.13	0.42	2.5	
6889	6919	52.12	200	100	161.57	0.06	0.05	
6890	6920	410.23	80	100	96.43	0.22	1.58	
6891	6921	0.59	100	100	45.39	0.07	0.13	
6892	6922	172.45	100	100	0.01	0	0	
6893	6923	16.5	200	100	130.82	0.05	0.03	
6894	6924	418.2	350	100	1952.06	0.23	0.31	
6895	6925	77.24	150	100	23.35	0.02	0.01	
6896	6926	17.5	100	100	12.38	0.02	0.01	
6897	6927	254.22	100	100	35.29	0.05	0.08	
6898	6928	388.72	300	100	2078.14	0.34	0.75	
6899	6929	277.69	300	100	2541.58	0.42	1.08	
6900	6930	196.19	80	100	80.64	0.19	1.14	
6901	6931	21.77	300	100	1430.59	0.23	0.37	
6902	6932	95.52	600	100	12437.68	0.51	0.7	
6903	6933	143.03	600	100	11508.76	0.47	0.61	
6904	6934	161.52	350	100	3494.55	0.42	0.92	
6905	6935	307.34	100	100	31.95	0.05	0.07	
6906	6936	3.76	300	100	928.92	0.15	0.17	
6907	6937	288.63	100	100	72.06	0.11	0.31	
6908	6938	294.48	150	100	186.25	0.12	0.25	
6909	6939	1.04	100	100	107.43	0.16	0.65	
6910	6940	95.2	150	100	123.50	0.08	0.12	
6911	6941	101.45	100	100	39.43	0.06	0.1	
6912	6942	16.38	150	100	169.04	0.11	0.21	
6913	6943	30.3	100	100	10.60	0.02	0.01	
6914	6944	78.45	100	100	9.80	0.01	0.01	
6915	6945	15.72	100	100	19.73	0.03	0.03	
6916	6946	45.33	100	100	14.67	0.02	0.02	
6917	6947	12.47	150	100	272.68	0.18	0.51	
6918	6948	23.73	150	100	33.26	0.02	0.01	
6919	6949	7.24	150	100	187.00	0.12	0.25	
6920	6950	4.95	150	100	246.65	0.16	0.42	
6921	6951	607.87	250	100	1234.57	0.29	0.69	
6922	6952	18.82	300	100	695.94	0.11	0.1	
6923	6953	23.91	300	100	661.61	0.11	0.09	
6924	6954	10.51	350	100	5612.46	0.68	2.22	
6925	6955	282.25	150	100	353.02	0.23	0.82	
6926	6956	127.87	150	100	18.98	0.01	0	
6927	6957	265.86	350	100	4869.37	0.59	1.7	
6928	6958	91.6	80	100	113.10	0.26	2.13	
6929	6959	10.25	300	100	124.75	0.02	0	
6930	6960	3.08	100	100	155.95	0.23	1.3	
6931	6961	40.66	150	100	123.79	0.08	0.12	
6932	6962	83.79	100	100	8.37	0.01	0.01	
6933	6963	7.23	100	100	35.63	0.05	0.08	
6934	6964	103.15	100	100	63.87	0.09	0.25	
6935	6965	128.03	100	100	122.09	0.18	0.83	
6936	6966	107.26	100	100	107.11	0.16	0.65	
6937	6967	63.15	100	100	119.67	0.18	0.8	
6938	6968	3.9	80	100	103.09	0.24	1.79	
6939	6969	111.17	100	100	67.99	0.1	0.28	
6940	6970	53.53	100	100	168.18	0.25	1.5	
6941	6971	10.43	350	100	6801.55	0.82	3.17	
6942	6972	102.4	600	100	12453.00	0.51	0.7	
6943	6973	8.73	600	100	635.72	0.03	0	
6944	6974	18.49	350	100	1891.40	0.23	0.3	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
6945	6975	17.28	150	100	233.13	0.15	0.38	
6946	6976	62.92	150	100	27.07	0.02	0.01	
6947	6977	155.63	150	100	95.59	0.06	0.07	
6948	6978	207.96	100	100	31.31	0.05	0.07	
6949	6979	16.37	150	100	269.14	0.18	0.5	
6950	6980	79.16	150	100	304.17	0.2	0.62	
6951	6981	221.14	80	100	29.73	0.07	0.18	
6952	6982	17.04	150	100	574.70	0.38	2.02	
6953	6983	7.32	400	100	7079.59	0.65	1.78	
6954	6984	5.84	80	100	204.12	0.47	6.35	
6955	6985	76.22	400	100	1350.19	0.12	0.08	
6956	6986	56.97	300	100	53.54	0.01	0	
6957	6987	10.3	150	100	48.43	0.03	0.02	
6958	6988	68.61	80	100	14.41	0.03	0.05	
6959	6989	92.46	150	100	36.42	0.02	0.01	
6960	6990	22.22	150	100	205.83	0.13	0.3	
6961	6991	3.05	300	100	3379.23	0.55	1.84	
6962	6992	73.92	300	100	1217.43	0.2	0.28	
6963	6993	60.04	150	100	99.24	0.06	0.08	
6964	6994	9.18	150	100	68.15	0.04	0.04	
6965	6995	6.43	400	100	8706.50	0.8	2.61	
6966	6996	313.97	200	100	855.77	0.32	1.04	
6967	6997	94.36	100	100	8.03	0.01	0.01	
6968	6998	62.92	80	100	96.23	0.22	1.58	
6969	6999	49.76	80	100	120.45	0.28	2.39	
6970	7000	127.51	80	100	51.03	0.12	0.49	
6971	7001	89.78	100	100	69.85	0.1	0.29	
6972	7002	22.2	100	100	206.95	0.3	2.2	
6973	7003	155.84	100	100	107.38	0.16	0.65	
6974	7004	9.16	150	100	130.58	0.09	0.13	
6975	7005	137.09	100	100	100.57	0.15	0.58	
6976	7006	92.19	100	100	142.33	0.21	1.1	
6977	7007	160.42	100	100	89.45	0.13	0.46	
6978	7008	122.67	100	100	230.38	0.34	2.68	
6979	7009	14.36	150	100	106.50	0.07	0.09	
6980	7010	12.5	200	100	44.69	0.02	0	
6981	7011	73.6	80	100	81.37	0.19	1.16	
6982	7012	73.14	200	100	474.42	0.17	0.35	
6983	7013	72.88	200	100	899.98	0.33	1.14	
6984	7014	16.54	400	100	1888.16	0.17	0.15	
6985	7015	39.19	100	100	86.88	0.13	0.44	
6986	7016	30.99	200	100	304.48	0.11	0.15	
6987	7017	2609.18	500	100	0.00	0	0	
6988	7018	232.65	500	100	4447.14	0.26	0.25	
6989	7019	148.17	600	100	7969.14	0.33	0.31	
6990	7020	167.34	600	100	8871.78	0.36	0.37	
6991	7021	62.8	200	100	17.76	0.01	0	
6992	7022	244.08	100	100	1.13	0	0	
6993	7023	173.39	900	100	1509.36	0.03	0	
6994	7024	33.05	900	100	0.00	0	0	
6995	7025	409.22	900	100	4348.44	0.08	0.01	
6996	7026	932.19	900	100	33010.58	0.6	0.59	
6997	7027	559.18	800	100	30488.09	0.7	0.91	
6998	7028	93.97	800	100	33087.46	0.76	1.06	
6999	7029	425.66	800	100	33570.62	0.77	1.09	
7000	7030	62.48	80	100	231.29	0.53	8	
7001	7031	21.74	80	100	67.21	0.15	0.81	
7002	7032	223.97	80	100	49.16	0.11	0.45	
7003	7033	96.29	80	100	7.75	0.02	0.01	
7004	7034	93.16	80	100	33.14	0.08	0.22	
7005	7035	98.06	80	100	38.51	0.09	0.29	
7006	7036	98.22	80	100	25.54	0.06	0.14	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
7007	7037	98.25	80	100	39.72	0.09	0.31	
7008	7038	43.13	80	100	13.71	0.03	0.04	
7009	7039	18.09	80	100	17.94	0.04	0.07	
7010	7040	78.66	80	100	9.73	0.02	0.02	
7011	7041	24.7	80	100	25.17	0.06	0.13	
7012	7042	30.53	80	100	68.82	0.16	0.85	
7013	7043	30.85	80	100	37.17	0.09	0.27	
7014	7044	30.68	80	100	52.84	0.12	0.52	
7015	7045	24.08	80	100	43.23	0.1	0.36	
7016	7046	108.46	80	100	26.16	0.06	0.14	
7017	7047	32.86	80	100	68.88	0.16	0.85	
7018	7048	44.98	80	100	41.00	0.09	0.32	
7019	7049	77.81	80	100	39.95	0.09	0.31	
7020	7050	36.73	80	100	51.23	0.12	0.49	
7021	7051	37.64	80	100	33.70	0.08	0.23	
7022	7052	38.44	80	100	91.03	0.21	1.42	
7023	7053	46.14	80	100	27.82	0.06	0.16	
7024	7054	52.36	80	100	14.86	0.03	0.05	
7025	7055	76.56	80	100	36.90	0.08	0.27	
7026	7056	123.9	80	100	26.90	0.06	0.15	
7027	7057	46.56	80	100	5.37	0.01	0.01	
7028	7058	33.1	80	100	17.69	0.04	0.07	
7029	7059	40.75	80	100	1.07	0	0	
7030	7060	41.85	80	100	1.17	0	0	
7031	7061	29.09	80	100	5.71	0.01	0.01	
7032	7062	97.6	80	100	42.35	0.1	0.34	
7033	7063	94.01	80	100	18.42	0.04	0.07	
7034	7064	61.17	80	100	23.88	0.05	0.12	
7035	7065	112.46	80	100	6.23	0.01	0.01	
7036	7066	105.12	80	100	20.95	0.05	0.09	
7037	7067	133.07	80	100	16.81	0.04	0.06	
7038	7068	136.61	80	100	0.39	0	0	
7039	7069	132.98	80	100	7.38	0.02	0.01	
7040	7070	134.51	80	100	42.86	0.1	0.35	
7041	7071	123.09	80	100	166.69	0.38	4.36	
7042	7072	146.63	80	100	143.06	0.33	3.29	
7043	7073	87.27	80	100	65.95	0.15	0.78	
7044	7074	65.51	80	100	0.00	0	0	
7045	7075	64.57	100	100	262.52	0.39	3.41	
7046	7076	122.1	80	100	44.68	0.1	0.38	
7047	7077	179.57	80	100	16.27	0.04	0.06	
7048	7078	43.1	80	100	57.06	0.13	0.6	
7049	7079	92.87	80	100	11.14	0.03	0.03	
7050	7080	187.85	80	100	251.88	0.58	9.37	
7051	7081	86.6	80	100	86.60	0.2	1.3	
7052	7082	96.72	80	100	31.22	0.07	0.2	
7053	7083	95.6	80	100	50.87	0.12	0.48	
7054	7084	129.96	80	100	202.48	0.47	6.25	
7055	7085	119.11	80	100	23.66	0.05	0.12	
7056	7086	174.89	80	100	24.94	0.06	0.13	
7057	7087	87.01	80	100	2.11	0	0	
7058	7088	143.86	80	100	24.74	0.06	0.13	
7059	7089	91.9	80	100	57.33	0.13	0.6	
7060	7090	113.57	80	100	28.63	0.07	0.17	
7061	7091	108.52	80	100	4.43	0.01	0.01	
7062	7092	169.8	80	100	3.24	0.01	0	
7063	7093	56.29	80	100	0.35	0	0	
7064	7094	58.84	80	100	27.85	0.06	0.16	
7065	7095	63.88	80	100	15.99	0.04	0.06	
7066	7096	97.4	80	100	53.00	0.12	0.52	
7067	7097	173.63	80	100	3.39	0.01	0	
7068	7098	118.3	80	100	64.92	0.15	0.76	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
7069	7099	370.32	80	100	7.32	0.02	0.01	
7070	7100	57.68	80	100	99.45	0.23	1.68	
7071	7101	84.48	80	100	30.81	0.07	0.19	
7072	7102	54.07	80	100	13.46	0.03	0.04	
7073	7103	55.62	80	100	10.49	0.02	0.03	
7074	7104	712.31	80	100	0.64	0	0	
7075	7105	33.49	80	100	38.25	0.09	0.29	
7076	7106	34.68	80	100	157.41	0.36	3.92	
7077	7107	71.5	80	100	18.24	0.04	0.07	
7078	7108	41.08	80	100	9.58	0.02	0.02	
7079	7109	40.3	80	100	112.01	0.26	2.09	
7080	7110	699.26	80	100	4.15	0.01	0	
7081	7111	102.72	80	100	11.41	0.03	0.03	
7082	7112	58.61	80	100	26.12	0.06	0.14	
7083	7113	199.57	80	100	24.78	0.06	0.13	
7084	7114	40.49	80	100	48.75	0.11	0.45	
7085	7115	31.75	80	100	60.16	0.14	0.66	
7086	7116	40.54	80	100	70.10	0.16	0.88	
7087	7117	67.73	80	100	31.52	0.07	0.2	
7088	7118	81.47	80	100	11.65	0.03	0.03	
7089	7119	72.17	80	100	20.87	0.05	0.09	
7090	7120	66.21	80	100	17.14	0.04	0.06	
7091	7121	36.93	80	100	36.61	0.08	0.26	
7092	7122	116.32	80	100	28.80	0.07	0.17	
7093	7123	90.56	80	100	31.28	0.07	0.2	
7094	7124	151.51	80	100	19.43	0.04	0.08	
7095	7125	105.97	80	100	36.94	0.09	0.27	
7096	7126	88.2	80	100	25.73	0.06	0.14	
7097	7127	104.29	80	100	6.89	0.02	0.01	
7098	7128	263.52	80	100	35.24	0.08	0.25	
7099	7129	114.2	80	100	3.70	0.01	0	
7100	7130	55.58	80	100	18.33	0.04	0.07	
7101	7131	108.62	80	100	7.47	0.02	0.01	
7102	7132	95.51	80	100	20.39	0.05	0.09	
7103	7133	92.99	80	100	1.67	0	0	
7104	7134	27.41	80	100	24.82	0.06	0.13	
7105	7135	85.08	80	100	91.48	0.21	1.44	
7106	7136	63.9	80	100	5.16	0.01	0.01	
7107	7137	157.02	80	100	18.39	0.04	0.07	
7108	7138	110.24	80	100	8.01	0.02	0.02	
7109	7139	18.35	80	100	221.25	0.51	7.37	
7110	7140	99.25	80	100	190.11	0.44	5.56	
7111	7141	141.93	80	100	51.18	0.12	0.49	
7112	7142	114.39	80	100	61.61	0.14	0.69	
7113	7143	130.43	80	100	12.58	0.03	0.04	
7114	7144	89.78	80	100	60.69	0.14	0.67	
7115	7145	158.08	80	100	76.38	0.18	1.03	
7116	7146	90.04	80	100	93.00	0.21	1.48	
7117	7147	66.72	80	100	106.91	0.25	1.92	
7118	7148	123.84	80	100	35.47	0.08	0.25	
7119	7149	102.48	80	100	121.50	0.28	2.43	
7120	7150	59.09	80	100	72.58	0.17	0.94	
7121	7151	92.67	80	100	60.79	0.14	0.67	
7122	7152	44.56	80	100	83.60	0.19	1.22	
7123	7153	163.45	80	100	33.69	0.08	0.23	
7124	7154	119.3	80	100	56.19	0.13	0.58	
7125	7155	111.26	80	100	7.20	0.02	0.01	
7126	7156	124.56	80	100	11.42	0.03	0.03	
7127	7157	53.8	80	100	19.67	0.05	0.08	
7128	7158	111.06	80	100	49.01	0.11	0.45	
7129	7159	101.71	80	100	16.66	0.04	0.06	
7130	7160	89.18	80	100	3.42	0.01	0	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
7131	7161	176.71	80	100	15.81	0.04	0.05	
7132	7162	50.72	80	100	19.23	0.04	0.08	
7133	7163	177.1	80	100	18.91	0.04	0.08	
7134	7164	22.19	80	100	31.68	0.07	0.2	
7135	7165	112.92	80	100	31.22	0.07	0.2	
7136	7166	164.3	80	100	20.89	0.05	0.09	
7137	7167	139.72	80	100	35.70	0.08	0.25	
7138	7168	100.78	80	100	31.77	0.07	0.2	
7139	7169	58.41	80	100	27.05	0.06	0.15	
7140	7170	64.72	80	100	18.82	0.04	0.08	
7141	7171	83.96	80	100	65.35	0.15	0.77	
7142	7172	88.81	80	100	41.57	0.1	0.33	
7143	7173	246.14	80	100	54.07	0.12	0.54	
7144	7174	61.19	80	100	0.47	0	0	
7145	7175	53.04	80	100	66.78	0.15	0.8	
7146	7176	190.28	80	100	51.21	0.12	0.49	
7147	7177	128.27	80	100	36.98	0.09	0.27	
7148	7178	198.54	80	100	14.64	0.03	0.05	
7149	7179	52.85	80	100	63.99	0.15	0.74	
7150	7180	163.84	80	100	41.96	0.1	0.34	
7151	7181	40.52	80	100	57.79	0.13	0.61	
7152	7182	226.79	80	100	79.24	0.18	1.1	
7153	7183	130.27	80	100	85.74	0.2	1.27	
7154	7184	60.93	80	100	50.40	0.12	0.48	
7155	7185	150.4	80	100	142.85	0.33	3.28	
7156	7186	61.57	80	100	125.58	0.29	2.58	
7157	7187	73.63	80	100	71.60	0.16	0.91	
7158	7188	106.72	80	100	25.17	0.06	0.13	
7159	7189	90.98	80	100	27.72	0.06	0.16	
7160	7190	307.93	80	100	3.26	0.01	0	
7161	7191	199.78	80	100	30.48	0.07	0.19	
7162	7192	47.29	80	100	21.40	0.05	0.1	
7163	7193	55.22	80	100	67.30	0.15	0.81	
7164	7194	59.85	80	100	28.82	0.07	0.17	
7165	7195	16.6	80	100	212.15	0.49	6.82	
7166	7196	133.81	80	100	52.74	0.12	0.52	
7167	7197	46.35	80	100	31.33	0.07	0.2	
7168	7198	94.25	80	100	31.52	0.07	0.2	
7169	7199	112.97	80	100	22.55	0.05	0.11	
7170	7200	73.57	80	100	35.64	0.08	0.25	
7171	7201	93.35	80	100	19.28	0.04	0.08	
7172	7202	150.98	80	100	67.32	0.16	0.81	
7173	7203	40.97	80	100	141.81	0.33	3.23	
7174	7204	163.52	80	100	53.91	0.12	0.54	
7175	7205	232.69	80	100	13.67	0.03	0.04	
7176	7206	57.47	80	100	60.75	0.14	0.67	
7177	7207	89.92	80	100	8.61	0.02	0.02	
7178	7208	133.65	80	100	6.85	0.02	0.01	
7179	7209	99.25	80	100	89.88	0.21	1.39	
7180	7210	64.76	80	100	31.91	0.07	0.2	
7181	7211	101.15	80	100	107.05	0.25	1.92	
7182	7212	117.84	80	100	15.88	0.04	0.06	
7183	7213	142.1	80	100	42.14	0.1	0.34	
7184	7214	118.96	80	100	56.82	0.13	0.59	
7185	7215	49.93	80	100	46.13	0.11	0.4	
7186	7216	243.07	80	100	117.52	0.27	2.28	
7187	7217	58.52	80	100	85.27	0.2	1.26	
7188	7218	177.21	80	100	146.87	0.34	3.45	
7189	7219	47.96	80	100	101.34	0.23	1.74	
7190	7220	70	80	100	53.04	0.12	0.52	
7191	7221	284.49	80	100	27.74	0.06	0.16	
7192	7222	178.2	80	100	29.93	0.07	0.18	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
7193	7223	45.95	80	100	10.54	0.02	0.03	
7194	7224	68.66	80	100	106.07	0.24	1.89	
7195	7225	125.02	80	100	8.79	0.02	0.02	
7196	7226	159.82	80	100	7.76	0.02	0.01	
7197	7227	64.58	80	100	56.61	0.13	0.59	
7198	7228	54.61	80	100	61.14	0.14	0.68	
7199	7229	85.2	80	100	6.93	0.02	0.01	
7200	7230	65.3	80	100	48.68	0.11	0.45	
7201	7231	229.58	80	100	0.00	0	0	
7202	7232	195.19	80	100	33.49	0.08	0.22	
7203	7233	56.66	80	100	9.30	0.02	0.02	
7204	7234	118.4	300	100	409.06	0.07	0.04	
7205	7235	102.7	80	100	54.89	0.13	0.56	
7206	7236	74.22	80	100	5.84	0.01	0.01	
7207	7237	176.52	80	100	18.56	0.04	0.07	
7208	7238	74.18	80	100	4.77	0.01	0.01	
7209	7239	61.21	80	100	59.23	0.14	0.64	
7210	7240	20.45	80	100	21.12	0.05	0.1	
7211	7241	664.16	80	100	12.72	0.03	0.04	
7212	7242	17.18	80	100	250.38	0.58	9.26	
7213	7243	427.96	80	100	93.81	0.22	1.5	
7214	7244	48.2	80	100	41.21	0.09	0.33	
7215	7245	61.63	80	100	19.78	0.05	0.08	
7216	7246	184.08	80	100	9.69	0.02	0.02	
7217	7247	1093.66	700	100	13980.30	0.42	0.41	
7218	7248	242.9	700	100	5273.80	0.16	0.07	
7219	7249	237.93	700	100	3516.82	0.11	0.03	
7220	7250	360.4	700	100	5210.71	0.16	0.07	
7221	7251	93.75	700	100	16294.91	0.49	0.55	
7222	7252	100.9	600	100	11365.09	0.47	0.59	
7223	7253	29.48	600	100	9747.44	0.4	0.45	
7224	7254	320.49	600	100	11187.51	0.46	0.58	
7225	7255	128.32	600	100	7004.27	0.29	0.24	
7226	7256	3.41	600	100	1311.13	0.05	0.01	
7227	7257	708.83	600	100	11830.07	0.48	0.64	
7228	7258	258.39	600	100	3819.22	0.16	0.08	
7229	7259	216.19	600	100	7148.06	0.29	0.25	
7230	7260	102.26	600	100	7033.76	0.29	0.24	
7231	7261	199.07	600	100	4954.24	0.2	0.13	
7232	7262	232.21	600	100	7981.36	0.33	0.31	
7233	7263	166.64	600	100	0.00	0	0	
7234	7264	149.48	600	100	13141.20	0.54	0.78	
7235	7265	37.48	600	100	7004.27	0.29	0.24	
7236	7266	70.8	600	100	6382.39	0.26	0.2	
7237	7267	209.58	600	100	11428.36	0.47	0.6	
7238	7268	1319.28	600	100	3648.01	0.15	0.07	
7239	7269	1026.63	600	100	3455.60	0.14	0.07	
7240	7270	216.84	600	100	1620.47	0.07	0.02	
7241	7271	42.35	600	100	5506.96	0.23	0.16	
7242	7272	176.77	600	100	2865.72	0.12	0.05	
7243	7273	108.14	600	100	2170.62	0.09	0.03	
7244	7274	138.25	600	100	4837.85	0.2	0.12	
7245	7275	53.01	600	100	4395.66	0.18	0.1	
7246	7276	429.86	600	100	11488.14	0.47	0.61	
7247	7277	377.46	600	100	1374.40	0.06	0.01	
7248	7278	79.7	600	100	4096.91	0.17	0.09	
7249	7279	216.9	600	100	6205.52	0.25	0.19	
7250	7280	24.3	600	100	6568.95	0.27	0.21	
7251	7281	201.97	600	100	509.66	0.02	0	
7252	7282	426.78	600	100	3540.53	0.14	0.07	
7253	7283	717.66	600	100	13243.25	0.54	0.79	
7254	7284	83.33	600	100	18226.90	0.75	1.42	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
7255	7285	209.4	600	100	648.90	0.03	0	
7256	7286	165.05	600	100	12581.14	0.52	0.72	
7257	7287	149.64	600	100	12499.42	0.51	0.71	
7258	7288	325.85	600	100	14048.16	0.58	0.88	
7259	7289	202.64	600	100	22565.34	0.92	2.11	
7260	7290	116.05	600	100	18504.67	0.76	1.46	
7261	7291	187.59	600	100	10846.55	0.44	0.54	
7262	7292	4.95	600	100	7707.89	0.32	0.29	
7263	7293	223.3	600	100	8721.10	0.36	0.36	
7264	7294	44.5	600	100	14648.45	0.6	0.95	
7265	7295	88.36	600	100	7909.93	0.32	0.3	
7266	7296	44.94	600	100	17672.16	0.72	1.34	
7267	7297	73.59	600	100	17825.53	0.73	1.37	
7268	7298	64.11	600	100	17741.79	0.73	1.35	
7269	7299	152.85	600	100	9302.81	0.38	0.41	
7270	7300	228.31	600	100	8428.82	0.35	0.34	
7271	7301	205.07	600	100	9395.61	0.38	0.42	
7272	7302	854.24	600	100	4459.02	0.18	0.1	
7273	7303	547.8	600	100	14965.55	0.61	0.99	
7274	7304	144.53	600	100	15050.67	0.62	1	
7275	7305	284.56	600	100	10785.64	0.44	0.54	
7276	7306	84.02	600	100	2759.71	0.11	0.04	
7277	7307	289.88	600	100	7385.34	0.3	0.27	
7278	7308	37.91	600	100	7673.34	0.31	0.29	
7279	7309	48.89	600	100	3051.11	0.12	0.05	
7280	7310	13.69	600	100	2776.94	0.11	0.04	
7281	7311	994.42	600	100	5445.18	0.22	0.15	
7282	7312	26.18	600	100	6310.68	0.26	0.2	
7283	7313	54.73	600	100	10973.65	0.45	0.56	
7284	7314	71.23	600	100	10701.01	0.44	0.53	
7285	7315	58.5	600	100	8267.47	0.34	0.33	
7286	7316	187.51	600	100	14907.22	0.61	0.98	
7287	7317	35.12	500	100	1882.10	0.11	0.05	
7288	7318	94.39	500	100	988.86	0.06	0.02	
7289	7319	161.58	500	100	1160.83	0.07	0.02	
7290	7320	44.64	500	100	3319.00	0.2	0.15	
7291	7321	63.82	500	100	3826.97	0.23	0.19	
7292	7322	82.78	500	100	4043.56	0.24	0.21	
7293	7323	16.22	500	100	5401.63	0.32	0.36	
7294	7324	102.74	500	100	5023.16	0.3	0.32	
7295	7325	211.96	500	100	4921.52	0.29	0.31	
7296	7326	321.75	500	100	3609.23	0.21	0.17	
7297	7327	22.45	500	100	3110.94	0.18	0.13	
7298	7328	304.03	500	100	3596.79	0.21	0.17	
7299	7329	247.46	500	100	2892.58	0.17	0.11	
7300	7330	85.54	500	100	4013.85	0.24	0.21	
7301	7331	86.59	500	100	3940.24	0.23	0.2	
7302	7332	78.44	500	100	4028.98	0.24	0.21	
7303	7333	26.32	500	100	2615.73	0.15	0.1	
7304	7334	364.83	500	100	2615.73	0.15	0.09	
7305	7335	60.31	500	100	5328.66	0.31	0.35	
7306	7336	67.32	500	100	4232.63	0.25	0.23	
7307	7337	11.93	500	100	4933.56	0.29	0.31	
7308	7338	103.86	500	100	3406.87	0.2	0.15	
7309	7339	316.23	500	100	3121.02	0.18	0.13	
7310	7340	99.12	500	100	3801.94	0.22	0.19	
7311	7341	137.66	500	100	4784.91	0.28	0.29	
7312	7342	48.77	500	100	5691.36	0.34	0.4	
7313	7343	225.53	500	100	1876.37	0.11	0.05	
7314	7344	218.01	500	100	2018.78	0.12	0.06	
7315	7345	764.45	500	100	3950.77	0.23	0.2	
7316	7346	108.52	500	100	2071.51	0.12	0.06	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
7317	7347	271.43	500	100	2750.01	0.16	0.1	
7318	7348	449.8	500	100	3926.83	0.23	0.2	
7319	7349	333.61	500	100	4234.17	0.25	0.23	
7320	7350	192.2	500	100	897.45	0.05	0.01	
7321	7351	299.58	500	100	2191.54	0.13	0.07	
7322	7352	428.61	500	100	968.82	0.06	0.02	
7323	7353	75.37	500	100	4311.64	0.25	0.24	
7324	7354	96.85	500	100	2560.76	0.15	0.09	
7325	7355	525.14	500	100	5979.32	0.35	0.44	
7326	7356	19.43	500	100	3635.03	0.21	0.17	
7327	7357	60.25	500	100	530.95	0.03	0	
7328	7358	16.58	500	100	1688.42	0.1	0.04	
7329	7359	33.14	500	100	0.00	0	0	
7330	7360	28.28	400	100	5378.25	0.5	1.07	
7331	7361	30.64	400	100	5617.75	0.52	1.16	
7332	7362	46.97	400	100	4168.13	0.38	0.67	
7333	7363	98.33	400	100	1961.50	0.18	0.17	
7334	7364	112.22	400	100	2009.17	0.19	0.17	
7335	7365	273.81	400	100	1853.05	0.17	0.15	
7336	7366	151.86	400	100	3058.12	0.28	0.38	
7337	7367	154.77	400	100	4129.23	0.38	0.66	
7338	7368	337.55	400	100	298.94	0.03	0.01	
7339	7369	121.95	400	100	4107.87	0.38	0.65	
7340	7370	95.3	400	100	4082.57	0.38	0.64	
7341	7371	91.2	400	100	4009.70	0.37	0.62	
7342	7372	41.67	400	100	3294.50	0.3	0.43	
7343	7373	118.26	400	100	147.02	0.01	0	
7344	7374	391.41	400	100	923.75	0.09	0.04	
7345	7375	264.23	400	100	586.84	0.05	0.02	
7346	7376	181.24	400	100	991.36	0.09	0.05	
7347	7377	23	400	100	3385.75	0.31	0.45	
7348	7378	50.3	400	100	1519.44	0.14	0.1	
7349	7379	109.62	400	100	1547.33	0.14	0.11	
7350	7380	77.84	400	100	2942.67	0.27	0.35	
7351	7381	162.51	400	100	2871.40	0.26	0.33	
7352	7382	64.3	400	100	0.00	0	0	
7353	7383	214.78	400	100	1642.61	0.15	0.12	
7354	7384	198.42	400	100	67.64	0.01	0	
7355	7385	211.42	400	100	1207.47	0.11	0.07	
7356	7386	315.78	400	100	7233.67	0.67	1.85	
7357	7387	55.84	400	100	1637.74	0.15	0.12	
7358	7388	50.37	400	100	1624.13	0.15	0.12	
7359	7389	263.18	400	100	3620.12	0.33	0.51	
7360	7390	278.97	400	100	200.30	0.02	0	
7361	7391	439.81	400	100	4342.99	0.4	0.72	
7362	7392	113.66	400	100	2092.07	0.19	0.19	
7363	7393	34.94	400	100	1881.28	0.17	0.15	
7364	7394	38.59	400	100	1802.96	0.17	0.14	
7365	7395	76.27	400	100	1578.83	0.15	0.11	
7366	7396	42.63	400	100	1643.72	0.15	0.12	
7367	7397	36.89	400	100	1709.97	0.16	0.13	
7368	7398	56.22	400	100	1502.46	0.14	0.1	
7369	7399	19.34	400	100	2054.65	0.19	0.18	
7370	7400	94.73	400	100	1622.84	0.15	0.12	
7371	7401	7.89	400	100	2072.71	0.19	0.18	
7372	7402	458.14	400	100	352.63	0.03	0.01	
7373	7403	303.73	400	100	2057.82	0.19	0.18	
7374	7404	261.83	400	100	236.49	0.02	0	
7375	7405	61.36	400	100	3745.33	0.34	0.55	
7376	7406	166.75	400	100	4024.00	0.37	0.62	
7377	7407	163.75	400	100	109.58	0.01	0	
7378	7408	399.81	400	100	619.25	0.06	0.02	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
7379	7409	121.41	400	100	2313.56	0.21	0.22	
7380	7410	16.53	400	100	398.59	0.04	0.01	
7381	7411	83.26	400	100	1373.47	0.13	0.09	
7382	7412	51.04	400	100	1132.56	0.1	0.06	
7383	7413	38.96	400	100	1145.64	0.11	0.06	
7384	7414	39.6	400	100	1113.62	0.1	0.06	
7385	7415	17.51	400	100	0.00	0	0	
7386	7416	52.41	400	100	2039.78	0.19	0.18	
7387	7417	144.42	400	100	2188.51	0.2	0.2	
7388	7418	105.29	400	100	5407.76	0.5	1.08	
7389	7419	136.2	400	100	4677.14	0.43	0.83	
7390	7420	91.07	400	100	1416.40	0.13	0.09	
7391	7421	28.22	400	100	0.00	0	0	
7392	7422	106.5	400	100	1671.54	0.15	0.12	
7393	7423	12.86	400	100	1329.60	0.12	0.08	
7394	7424	87.57	400	100	1478.89	0.14	0.1	
7395	7425	35.76	400	100	766.40	0.07	0.03	
7396	7426	86.45	400	100	919.74	0.08	0.04	
7397	7427	186.36	400	100	517.90	0.05	0.01	
7398	7428	240.57	400	100	1143.10	0.11	0.06	
7399	7429	289.1	400	100	1656.48	0.15	0.12	
7400	7430	150.57	400	100	788.70	0.07	0.03	
7401	7431	206.27	400	100	5535.01	0.51	1.13	
7402	7432	39.21	400	100	2639.31	0.24	0.29	
7403	7433	87.95	400	100	52.86	0	0	
7404	7434	12.14	400	100	3175.35	0.29	0.4	
7405	7435	118.43	400	100	1156.01	0.11	0.06	
7406	7436	128.07	400	100	207.05	0.02	0	
7407	7437	221.36	400	100	5031.28	0.46	0.95	
7408	7438	171.84	400	100	5272.83	0.49	1.03	
7409	7439	16.59	400	100	4780.46	0.44	0.86	
7410	7440	56	400	100	5223.02	0.48	1.01	
7411	7441	37.35	400	100	5382.70	0.5	1.07	
7412	7442	16.65	400	100	11217.01	1.03	4.17	
7413	7443	86.83	400	100	7147.73	0.66	1.81	
7414	7444	19.96	400	100	4055.59	0.37	0.63	
7415	7445	34.17	400	100	3182.73	0.29	0.4	
7416	7446	62.5	400	100	2583.45	0.24	0.28	
7417	7447	80.25	400	100	2721.67	0.25	0.3	
7418	7448	133.04	400	100	1927.93	0.18	0.16	
7419	7449	118.55	400	100	2487.53	0.23	0.26	
7420	7450	1584.63	400	100	3379.23	0.31	0.45	
7421	7451	150.63	400	100	4747.86	0.44	0.85	
7422	7452	29.19	400	100	4361.47	0.4	0.73	
7423	7453	6.12	400	100	227.47	0.02	0	
7424	7454	113.04	400	100	3250.50	0.3	0.42	
7425	7455	525.75	400	100	6216.12	0.57	1.4	
7426	7456	162.81	400	100	7875.79	0.73	2.17	
7427	7457	954.98	400	100	0.01	0	0	
7428	7458	62.79	400	100	658.67	0.06	0.02	
7429	7459	153.94	400	100	3313.45	0.31	0.44	
7430	7460	46.97	400	100	1978.25	0.18	0.17	
7431	7461	602.34	400	100	4757.38	0.44	0.85	
7432	7462	148.56	400	100	236.48	0.02	0	
7433	7463	102.3	400	100	1605.11	0.15	0.11	
7434	7464	131.35	400	100	55.98	0.01	0	
7435	7465	54.53	350	100	4300.00	0.52	1.35	
7436	7466	91.2	350	100	4186.52	0.5	1.29	
7437	7467	109.53	350	100	4153.77	0.5	1.27	
7438	7468	368.54	350	100	2069.14	0.25	0.35	
7439	7469	191.78	350	100	2701.63	0.32	0.57	
7440	7470	105.28	350	100	1893.82	0.23	0.3	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
7441	7471	201.95	350	100	1677.19	0.2	0.24	
7442	7472	114.57	350	100	1937.25	0.23	0.31	
7443	7473	201.87	350	100	1825.63	0.22	0.28	
7444	7474	288.72	600	100	4291.77	0.18	0.1	
7445	7475	282.7	600	100	5161.27	0.21	0.14	
7446	7476	72.1	350	100	4800.54	0.58	1.66	
7447	7477	59.4	350	100	4757.86	0.57	1.63	
7448	7478	26.29	350	100	5539.73	0.67	2.16	
7449	7479	467.55	350	100	1706.08	0.21	0.24	
7450	7480	497.33	350	100	766.37	0.09	0.06	
7451	7481	887.12	350	100	3118.18	0.38	0.75	
7452	7482	156.67	350	100	1143.38	0.14	0.12	
7453	7483	943.45	350	100	361.48	0.04	0.01	
7454	7484	156.14	350	100	1421.11	0.17	0.17	
7455	7485	52.11	350	100	4646.47	0.56	1.56	
7456	7486	48.66	350	100	222.68	0.03	0.01	
7457	7487	312.11	350	100	145.44	0.02	0	
7458	7488	137.93	350	100	1175.00	0.14	0.12	
7459	7489	24.19	350	100	1128.62	0.14	0.11	
7460	7490	985.73	300	100	2418.89	0.4	0.99	
7461	7491	18.4	300	100	2418.88	0.4	0.99	
7462	7492	522.48	300	100	1234.57	0.2	0.28	
7463	7493	319.44	300	100	64.41	0.01	0	
7464	7494	8.47	300	100	1511.23	0.25	0.41	
7465	7495	35.08	300	100	1320.61	0.22	0.32	
7466	7496	169.51	300	100	1241.98	0.2	0.29	
7467	7497	59.05	300	100	802.53	0.13	0.13	
7468	7498	60.28	300	100	958.20	0.16	0.18	
7469	7499	65.06	300	100	1004.57	0.16	0.19	
7470	7500	103.72	300	100	798.37	0.13	0.13	
7471	7501	50.14	300	100	811.89	0.13	0.13	
7472	7502	250.73	300	100	1052.88	0.17	0.21	
7473	7503	256.29	300	100	1517.93	0.25	0.42	
7474	7504	66.75	300	100	918.40	0.15	0.16	
7475	7505	105.4	300	100	960.60	0.16	0.18	
7476	7506	21.77	300	100	1247.97	0.2	0.29	
7477	7507	131.78	300	100	64.64	0.01	0	
7478	7508	105.96	300	100	2382.26	0.39	0.96	
7479	7509	113.44	300	100	4336.66	0.71	2.91	
7480	7510	26.52	300	100	1432.62	0.23	0.37	
7481	7511	169.22	300	100	1132.14	0.19	0.24	
7482	7512	107.11	300	100	1371.07	0.22	0.35	
7483	7513	47.71	300	100	1145.90	0.19	0.25	
7484	7514	13.94	300	100	3240.26	0.53	1.7	
7485	7515	31.68	300	100	0.00	0	0	
7486	7516	237.57	300	100	98.72	0.02	0	
7487	7517	92.8	300	100	312.35	0.05	0.02	
7488	7518	116	300	100	185.07	0.03	0.01	
7489	7519	247.84	300	100	1162.76	0.19	0.25	
7490	7520	39.32	300	100	2619.24	0.43	1.15	
7491	7521	32.7	300	100	3075.57	0.5	1.54	
7492	7522	120.89	300	100	1096.31	0.18	0.23	
7493	7523	127.26	300	100	770.23	0.13	0.12	
7494	7524	150.44	300	100	1640.91	0.27	0.48	
7495	7525	48.58	300	100	2053.38	0.34	0.73	
7496	7526	103.13	300	100	2166.53	0.35	0.81	
7497	7527	25.05	300	100	2745.09	0.45	1.25	
7498	7528	120.04	300	100	2550.56	0.42	1.09	
7499	7529	73.45	300	100	1643.44	0.27	0.48	
7500	7530	19.58	300	100	933.04	0.15	0.17	
7501	7531	69.59	300	100	2575.11	0.42	1.11	
7502	7532	85.74	300	100	2569.55	0.42	1.11	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
7503	7533	92.59	300	100	2278.52	0.37	0.88	
7504	7534	109.92	300	100	2853.24	0.47	1.34	
7505	7535	69.28	300	100	489.82	0.08	0.05	
7506	7536	236.5	300	100	1965.72	0.32	0.67	
7507	7537	46.74	300	100	997.73	0.16	0.19	
7508	7538	85.91	300	100	2486.41	0.41	1.04	
7509	7539	52.9	300	100	1947.02	0.32	0.66	
7510	7540	628.74	300	100	1383.24	0.23	0.35	
7511	7541	34.1	300	100	3231.71	0.53	1.69	
7512	7542	318.54	300	100	2804.28	0.46	1.3	
7513	7543	84.32	300	100	1226.60	0.2	0.28	
7514	7544	65.85	300	100	1223.64	0.2	0.28	
7515	7545	70.52	300	100	1157.87	0.19	0.25	
7516	7546	74.94	300	100	993.21	0.16	0.19	
7517	7547	1146.52	300	100	1561.10	0.26	0.44	
7518	7548	100.93	300	100	1596.36	0.26	0.46	
7519	7549	56.54	300	100	1066.59	0.17	0.22	
7520	7550	146.29	300	100	1065.76	0.17	0.22	
7521	7551	305.15	300	100	1674.16	0.27	0.5	
7522	7552	90.55	300	100	1675.32	0.27	0.5	
7523	7553	119.57	300	100	1714.96	0.28	0.52	
7524	7554	44.12	300	100	1858.34	0.3	0.61	
7525	7555	46.27	300	100	219.65	0.04	0.01	
7526	7556	71.11	300	100	367.18	0.06	0.03	
7527	7557	94.03	300	100	203.82	0.03	0.01	
7528	7558	68.18	300	100	731.94	0.12	0.11	
7529	7559	126.03	300	100	7.00	0	0	
7530	7560	329.97	300	100	1105.69	0.18	0.23	
7531	7561	30.51	300	100	570.96	0.09	0.07	
7532	7562	46.25	300	100	1353.40	0.22	0.34	
7533	7563	63.21	300	100	1368.70	0.22	0.34	
7534	7564	57.88	300	100	2302.20	0.38	0.9	
7535	7565	114.8	150	100	190.80	0.12	0.26	
7536	7566	720.41	300	100	1697.64	0.28	0.51	
7537	7567	170.37	300	100	1138.52	0.19	0.24	
7538	7568	65.98	300	100	214.07	0.04	0.01	
7539	7569	17.64	150	100	83.35	0.05	0.06	
7540	7570	205.79	300	100	631.60	0.1	0.08	
7541	7571	221.53	300	100	1729.77	0.28	0.53	
7542	7572	40.13	300	100	1688.42	0.28	0.51	
7543	7573	44.74	300	100	330.82	0.05	0.02	
7544	7574	77.76	300	100	117.04	0.02	0	
7545	7575	93.42	300	100	169.86	0.03	0.01	
7546	7576	39.23	300	100	1154.15	0.19	0.25	
7547	7577	11.43	300	100	1200.64	0.2	0.27	
7548	7578	184.84	300	100	281.51	0.05	0.02	
7549	7579	225.6	300	100	293.81	0.05	0.02	
7550	7580	95.63	300	100	1331.18	0.22	0.33	
7551	7581	62.05	300	100	1280.34	0.21	0.3	
7552	7582	126.84	300	100	441.91	0.07	0.04	
7553	7583	98.63	300	100	1264.36	0.21	0.3	
7554	7584	95.07	150	100	292.79	0.19	0.58	
7555	7585	84.89	150	100	411.71	0.27	1.09	
7556	7586	201.85	300	100	111.95	0.02	0	
7557	7587	110.41	300	100	178.72	0.03	0.01	
7558	7588	245.55	300	100	869.35	0.14	0.15	
7559	7589	66.32	300	100	1994.42	0.33	0.69	
7560	7590	104.65	300	100	2481.23	0.41	1.04	
7561	7591	192.38	300	100	3184.39	0.52	1.64	
7562	7592	94.77	300	100	678.88	0.11	0.09	
7563	7593	99.84	300	100	533.30	0.09	0.06	
7564	7594	179.39	300	100	1281.28	0.21	0.3	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
7565	7595	107.27	300	100	2154.11	0.35	0.8	
7566	7596	205.07	300	100	2536.43	0.42	1.08	
7567	7597	165.25	300	100	277.05	0.05	0.02	
7568	7598	297.22	300	100	741.13	0.12	0.11	
7569	7599	252.85	300	100	861.58	0.14	0.15	
7570	7600	49.52	300	100	1916.35	0.31	0.64	
7571	7601	170.95	300	100	869.77	0.14	0.15	
7572	7602	162.44	300	100	1499.68	0.25	0.41	
7573	7603	199.95	300	100	1041.62	0.17	0.21	
7574	7604	138.13	300	100	656.53	0.11	0.09	
7575	7605	103.35	300	100	835.54	0.14	0.14	
7576	7606	138.86	300	100	3.70	0	0	
7577	7607	184.91	300	100	235.92	0.04	0.01	
7578	7608	32.28	300	100	485.10	0.08	0.05	
7579	7609	45.76	300	100	115.07	0.02	0	
7580	7610	48.13	300	100	2089.46	0.34	0.75	
7581	7611	64.73	300	100	271.02	0.04	0.02	
7582	7612	167.61	300	100	1133.09	0.19	0.24	
7583	7613	82.25	300	100	354.09	0.06	0.03	
7584	7614	43.98	300	100	131.40	0.02	0	
7585	7615	104.25	300	100	645.76	0.11	0.09	
7586	7616	64.53	300	100	507.98	0.08	0.05	
7587	7617	56.17	300	100	1.98	0	0	
7588	7618	57.26	300	100	85.69	0.01	0	
7589	7619	51.83	300	100	363.23	0.06	0.03	
7590	7620	43.38	300	100	390.01	0.06	0.03	
7591	7621	56.47	300	100	165.55	0.03	0.01	
7592	7622	73.63	300	100	2047.90	0.34	0.73	
7593	7623	73.8	300	100	2027.87	0.33	0.71	
7594	7624	42.17	300	100	2158.37	0.35	0.8	
7595	7625	63.65	300	100	1995.86	0.33	0.69	
7596	7626	99.66	300	100	410.47	0.07	0.04	
7597	7627	294.15	300	100	1159.47	0.19	0.25	
7598	7628	169.74	300	100	646.11	0.11	0.09	
7599	7629	155.86	300	100	51.99	0.01	0	
7600	7630	147.65	250	100	1209.49	0.29	0.67	
7601	7631	220.5	250	100	768.39	0.18	0.29	
7602	7632	43.36	250	100	563.17	0.13	0.16	
7603	7633	118.28	250	100	666.04	0.16	0.22	
7604	7634	2.6	250	100	1244.22	0.29	0.7	
7605	7635	36.43	250	100	114.83	0.03	0.01	
7606	7636	38.83	250	100	27.63	0.01	0	
7607	7637	205.21	250	100	220.26	0.05	0.03	
7608	7638	27.62	250	100	758.19	0.18	0.28	
7609	7639	386.47	250	100	382.85	0.09	0.08	
7610	7640	129.26	250	100	856.83	0.2	0.35	
7611	7641	42.99	250	100	1158.26	0.27	0.61	
7612	7642	3.38	250	100	1.04	0	0	
7613	7643	14.21	250	100	619.53	0.15	0.19	
7614	7644	49.99	200	100	75.97	0.03	0.01	
7615	7645	29.84	250	100	295.15	0.07	0.05	
7616	7646	34.67	200	100	692.37	0.26	0.7	
7617	7647	396.35	200	100	568.08	0.21	0.49	
7618	7648	86.36	200	100	159.33	0.06	0.05	
7619	7649	171.09	200	100	210.60	0.08	0.08	
7620	7650	254.05	200	100	41.65	0.02	0	
7621	7651	156.6	200	100	1328.22	0.49	2.35	
7622	7652	29.94	200	100	26.47	0.01	0	
7623	7653	77.04	200	100	498.89	0.18	0.38	
7624	7654	21.34	200	100	20.66	0.01	0	
7625	7655	84.29	200	100	439.94	0.16	0.3	
7626	7656	128.29	200	100	453.07	0.17	0.32	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
7627	7657	342.24	200	100	0.40	0	0	
7628	7658	34.26	200	100	18.78	0.01	0	
7629	7659	85.36	200	100	484.51	0.18	0.36	
7630	7660	56.14	200	100	542.99	0.2	0.45	
7631	7661	71.81	200	100	447.38	0.16	0.31	
7632	7662	27.24	200	100	5.62	0	0	
7633	7663	27.59	200	100	9.18	0	0	
7634	7664	13.07	200	100	187.79	0.07	0.06	
7635	7665	61.23	200	100	38.93	0.01	0	
7636	7666	96.04	200	100	23.78	0.01	0	
7637	7667	101.76	200	100	580.11	0.21	0.51	
7638	7668	311.55	200	100	855.73	0.32	1.04	
7639	7669	118.23	200	100	297.32	0.11	0.15	
7640	7670	60.21	200	100	497.00	0.18	0.38	
7641	7671	21.97	200	100	33.61	0.01	0	
7642	7672	143.64	200	100	266.83	0.1	0.12	
7643	7673	15.8	200	100	298.62	0.11	0.15	
7644	7674	122.28	200	100	264.65	0.1	0.12	
7645	7675	101.42	200	100	143.39	0.05	0.04	
7646	7676	91.28	200	100	88.75	0.03	0.02	
7647	7677	96.41	200	100	77.52	0.03	0.01	
7648	7678	116.19	200	100	807.03	0.3	0.93	
7649	7679	218.53	200	100	416.43	0.15	0.27	
7650	7680	53.25	200	100	317.88	0.12	0.17	
7651	7681	206.92	200	100	1041.78	0.38	1.5	
7652	7682	98.18	200	100	1071.08	0.39	1.58	
7653	7683	37.16	200	100	74.32	0.03	0.01	
7654	7684	73.19	200	100	195.00	0.07	0.07	
7655	7685	61.92	200	100	750.00	0.28	0.81	
7656	7686	32.35	200	100	482.49	0.18	0.36	
7657	7687	60.87	200	100	680.65	0.25	0.68	
7658	7688	431.18	200	100	290.50	0.11	0.14	
7659	7689	37.05	200	100	340.02	0.13	0.19	
7660	7690	80.61	200	100	440.88	0.16	0.3	
7661	7691	126.99	200	100	18.73	0.01	0	
7662	7692	85.02	200	100	1591.56	0.59	3.28	
7663	7693	17.1	200	100	807.78	0.3	0.93	
7664	7694	114.57	200	100	708.36	0.26	0.73	
7665	7695	104.3	200	100	293.88	0.11	0.14	
7666	7696	53.26	200	100	212.40	0.08	0.08	
7667	7697	114.15	200	100	739.43	0.27	0.79	
7668	7698	125.59	200	100	754.86	0.28	0.82	
7669	7699	58.87	200	100	753.84	0.28	0.82	
7670	7700	21.9	200	100	117.35	0.04	0.03	
7671	7701	99.87	200	100	1106.12	0.41	1.67	
7672	7702	55.64	200	100	730.35	0.27	0.78	
7673	7703	64.04	200	100	87.05	0.03	0.02	
7674	7704	34.66	200	100	202.91	0.07	0.07	
7675	7705	85.56	200	100	332.86	0.12	0.18	
7676	7706	37.62	200	100	144.54	0.05	0.04	
7677	7707	23.69	200	100	279.10	0.1	0.13	
7678	7708	29.75	200	100	354.66	0.13	0.2	
7679	7709	126.16	200	100	418.84	0.15	0.28	
7680	7710	111.8	200	100	138.87	0.05	0.04	
7681	7711	60.9	200	100	356.87	0.13	0.21	
7682	7712	51.96	200	100	281.92	0.1	0.13	
7683	7713	60	200	100	716.02	0.26	0.75	
7684	7714	77.15	200	100	539.63	0.2	0.44	
7685	7715	4.97	200	100	156.46	0.06	0.04	
7686	7716	35.54	200	100	137.27	0.05	0.04	
7687	7717	122.71	200	100	417.94	0.15	0.28	
7688	7718	36.15	200	100	602.59	0.22	0.54	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
7689	7719	119.6	200	100	569.01	0.21	0.49	
7690	7720	36.77	200	100	317.75	0.12	0.17	
7691	7721	97.46	200	100	339.30	0.12	0.19	
7692	7722	100.26	200	100	487.43	0.18	0.37	
7693	7723	254.84	200	100	351.23	0.13	0.2	
7694	7724	78.15	200	100	188.70	0.07	0.06	
7695	7725	122.78	200	100	153.07	0.06	0.04	
7696	7726	209.45	200	100	412.23	0.15	0.27	
7697	7727	51.01	200	100	42.81	0.02	0	
7698	7728	580.7	200	100	1185.77	0.44	1.9	
7699	7729	159.27	200	100	51.41	0.02	0.01	
7700	7730	66.61	200	100	69.98	0.03	0.01	
7701	7731	89.32	200	100	82.04	0.03	0.01	
7702	7732	80.86	200	100	517.54	0.19	0.41	
7703	7733	75.35	200	100	1024.16	0.38	1.45	
7704	7734	44.29	200	100	1048.23	0.39	1.51	
7705	7735	35.07	200	100	1249.28	0.46	2.1	
7706	7736	14.91	200	100	236.48	0.09	0.1	
7707	7737	176.18	200	100	171.05	0.06	0.05	
7708	7738	78.53	200	100	154.96	0.06	0.04	
7709	7739	113.42	200	100	830.82	0.31	0.98	
7710	7740	76	200	100	927.66	0.34	1.21	
7711	7741	30.35	200	100	809.56	0.3	0.94	
7712	7742	152.25	200	100	57.65	0.02	0.01	
7713	7743	145.29	200	100	164.50	0.06	0.05	
7714	7744	43.56	200	100	60.97	0.02	0.01	
7715	7745	150.72	200	100	156.11	0.06	0.04	
7716	7746	44.99	200	100	155.65	0.06	0.04	
7717	7747	86.01	200	100	263.40	0.1	0.12	
7718	7748	39.6	200	100	840.22	0.31	1.01	
7719	7749	175.22	200	100	1180.52	0.43	1.89	
7720	7750	151.94	200	100	122.49	0.05	0.03	
7721	7751	112.25	200	100	0.01	0	0	
7722	7752	28.92	200	100	46.04	0.02	0.01	
7723	7753	54.51	200	100	24.21	0.01	0	
7724	7754	5.79	200	100	892.84	0.33	1.12	
7725	7755	35.56	200	100	231.83	0.09	0.09	
7726	7756	285.5	200	100	200.68	0.07	0.07	
7727	7757	37.35	200	100	1485.23	0.55	2.89	
7728	7758	20.33	200	100	623.98	0.23	0.58	
7729	7759	258.1	200	100	257.55	0.09	0.11	
7730	7760	83.19	200	100	247.46	0.09	0.1	
7731	7761	46.35	150	100	144.78	0.09	0.16	
7732	7762	105.8	200	100	167.02	0.06	0.05	
7733	7763	43.04	200	100	155.10	0.06	0.04	
7734	7764	56.52	200	100	409.85	0.15	0.27	
7735	7765	101.31	200	100	84.62	0.03	0.01	
7736	7766	103.7	200	100	157.17	0.06	0.05	
7737	7767	50.04	200	100	3.04	0	0	
7738	7768	89.5	200	100	255.26	0.09	0.11	
7739	7769	47.94	200	100	348.00	0.13	0.2	
7740	7770	46.26	200	100	176.69	0.07	0.06	
7741	7771	55.65	200	100	78.80	0.03	0.01	
7742	7772	126.57	200	100	371.54	0.14	0.22	
7743	7773	87.85	200	100	573.15	0.21	0.49	
7744	7774	110.69	200	100	621.28	0.23	0.57	
7745	7775	98.59	200	100	483.70	0.18	0.36	
7746	7776	107.95	200	100	621.59	0.23	0.58	
7747	7777	113.22	200	100	148.68	0.05	0.04	
7748	7778	147.07	200	100	102.11	0.04	0.02	
7749	7779	136.75	200	100	237.54	0.09	0.1	
7750	7780	207.02	200	100	147.61	0.05	0.04	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
7751	7781	101.12	200	100	86.05	0.03	0.01	
7752	7782	67.86	200	100	7.33	0	0	
7753	7783	189.54	200	100	310.50	0.11	0.16	
7754	7784	81.46	200	100	98.96	0.04	0.02	
7755	7785	101.78	200	100	593.45	0.22	0.53	
7756	7786	272.92	200	100	88.73	0.03	0.02	
7757	7787	113.68	200	100	250.30	0.09	0.11	
7758	7788	108.4	200	100	735.89	0.27	0.79	
7759	7789	36.39	200	100	776.97	0.29	0.87	
7760	7790	106.48	200	100	31.41	0.01	0	
7761	7791	94.69	200	100	72.27	0.03	0.01	
7762	7792	98.05	200	100	4.83	0	0	
7763	7793	100.44	200	100	15.02	0.01	0	
7764	7794	198.29	200	100	182.97	0.07	0.06	
7765	7795	122.31	200	100	324.17	0.12	0.17	
7766	7796	97.89	200	100	1828.93	0.67	4.24	
7767	7797	87.26	200	100	1736.19	0.64	3.85	
7768	7798	103.93	200	100	1487.62	0.55	2.9	
7769	7799	1.7	200	100	153.96	0.06	0.04	
7770	7800	96.2	200	100	1317.40	0.49	2.31	
7771	7801	221.1	200	100	627.23	0.23	0.58	
7772	7802	181.37	200	100	68.33	0.03	0.01	
7773	7803	23.41	150	100	33.37	0.02	0.01	
7774	7804	26.03	200	100	69.03	0.03	0.01	
7775	7805	28.32	200	100	146.49	0.05	0.04	
7776	7806	17.16	200	100	478.71	0.18	0.35	
7777	7807	113.05	200	100	66.57	0.02	0.01	
7778	7808	99.51	200	100	97.99	0.04	0.02	
7779	7809	54.3	200	100	1525.40	0.56	3.03	
7780	7810	186.41	200	100	317.72	0.12	0.17	
7781	7811	99.33	200	100	67.56	0.02	0.01	
7782	7812	149.15	200	100	361.88	0.13	0.21	
7783	7813	151.49	200	100	231.93	0.09	0.09	
7784	7814	163.87	200	100	74.43	0.03	0.01	
7785	7815	494.67	200	100	692.13	0.25	0.7	
7786	7816	166.18	200	100	577.87	0.21	0.5	
7787	7817	224.73	200	100	757.15	0.28	0.83	
7788	7818	83.44	200	100	949.20	0.35	1.26	
7789	7819	88.46	200	100	662.12	0.24	0.65	
7790	7820	76.2	200	100	684.94	0.25	0.69	
7791	7821	48.98	200	100	786.61	0.29	0.89	
7792	7822	53.12	200	100	966.73	0.36	1.3	
7793	7823	54.09	200	100	1081.31	0.4	1.6	
7794	7824	24.72	200	100	1260.03	0.46	2.13	
7795	7825	148.95	200	100	528.50	0.19	0.43	
7796	7826	26.99	200	100	1548.83	0.57	3.12	
7797	7827	72.45	200	100	1200.27	0.44	1.95	
7798	7828	123.08	200	100	959.73	0.35	1.29	
7799	7829	109.68	200	100	1335.47	0.49	2.37	
7800	7830	415.59	200	100	1035.21	0.38	1.48	
7801	7831	44.19	200	100	278.76	0.1	0.13	
7802	7832	115.65	200	100	70.07	0.03	0.01	
7803	7833	60.03	200	100	246.92	0.09	0.1	
7804	7834	190.93	200	100	255.27	0.09	0.11	
7805	7835	13.31	200	100	3176.56	1.17	11.8	
7806	7836	246.92	200	100	225.70	0.08	0.09	
7807	7837	115.48	200	100	135.09	0.05	0.03	
7808	7838	134.5	200	100	176.85	0.07	0.06	
7809	7839	115.41	200	100	19.43	0.01	0	
7810	7840	172.15	200	100	693.32	0.26	0.7	
7811	7841	265.12	200	100	752.38	0.28	0.82	
7812	7842	67.22	200	100	121.43	0.04	0.03	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
7813	7843	129.59	200	100	246.57	0.09	0.1	
7814	7844	99.61	200	100	313.45	0.12	0.16	
7815	7845	170.82	200	100	471.39	0.17	0.34	
7816	7846	127.13	200	100	1047.58	0.39	1.51	
7817	7847	112.85	200	100	284.20	0.1	0.14	
7818	7848	85.78	200	100	6.03	0	0	
7819	7849	103.44	200	100	52.73	0.02	0.01	
7820	7850	647.81	200	100	883.05	0.33	1.1	
7821	7851	213.46	200	100	317.73	0.12	0.17	
7822	7852	115.11	200	100	512.48	0.19	0.4	
7823	7853	20.38	200	100	372.44	0.14	0.22	
7824	7854	370.93	200	100	630.12	0.23	0.59	
7825	7855	155.27	200	100	236.48	0.09	0.1	
7826	7856	39.96	200	100	133.86	0.05	0.03	
7827	7857	72.88	200	100	1144.73	0.42	1.78	
7828	7858	44.32	200	100	48.07	0.02	0.01	
7829	7859	134.89	200	100	68.91	0.03	0.01	
7830	7860	59.63	200	100	293.35	0.11	0.14	
7831	7861	138.84	200	100	184.51	0.07	0.06	
7832	7862	71.14	200	100	72.25	0.03	0.01	
7833	7863	27.27	200	100	3971.42	1.46	17.85	
7834	7864	12.78	200	100	2068.19	0.76	5.33	
7835	7865	85.06	200	100	1119.92	0.41	1.71	
7836	7866	6.88	200	100	2344.29	0.86	6.72	
7837	7867	200.68	200	100	1002.76	0.37	1.39	
7838	7868	117.74	200	100	245.11	0.09	0.1	
7839	7869	17.4	150	100	120.87	0.08	0.11	
7840	7870	655.86	150	100	80.97	0.05	0.05	
7841	7871	499.09	100	100	8.29	0.01	0.01	
7842	7872	46.22	150	100	45.42	0.03	0.02	
7843	7873	39.77	150	100	6.04	0	0	
7844	7874	26.63	150	100	114.18	0.07	0.1	
7845	7875	78.49	150	100	56.24	0.04	0.03	
7846	7876	114.56	150	100	54.11	0.04	0.03	
7847	7877	65.15	100	100	20.89	0.03	0.03	
7848	7878	47.28	150	100	54.16	0.04	0.03	
7849	7879	100.72	150	100	286.18	0.19	0.56	
7850	7880	84.09	150	100	183.69	0.12	0.24	
7851	7881	15.45	150	100	21.36	0.01	0	
7852	7882	46.21	150	100	222.43	0.15	0.35	
7853	7883	57.44	150	100	114.79	0.08	0.1	
7854	7884	15.53	150	100	30.34	0.02	0.01	
7855	7885	30.92	150	100	33.45	0.02	0.01	
7856	7886	42.83	150	100	14.12	0.01	0	
7857	7887	24.17	150	100	133.71	0.09	0.14	
7858	7888	5.12	150	100	72.87	0.05	0.04	
7859	7889	20.17	150	100	77.99	0.05	0.05	
7860	7890	46.54	150	100	34.95	0.02	0.01	
7861	7891	98.07	150	100	45.93	0.03	0.02	
7862	7892	37.37	150	100	236.71	0.16	0.39	
7863	7893	63.29	150	100	465.85	0.31	1.37	
7864	7894	74.75	150	100	9.59	0.01	0	
7865	7895	62.87	150	100	271.02	0.18	0.5	
7866	7896	141.43	150	100	11.24	0.01	0	
7867	7897	147.91	150	100	155.16	0.1	0.18	
7868	7898	203.46	150	100	66.43	0.04	0.04	
7869	7899	118.61	150	100	162.15	0.11	0.19	
7870	7900	192.55	150	100	136.90	0.09	0.14	
7871	7901	111.41	150	100	93.17	0.06	0.07	
7872	7902	45.31	150	100	58.42	0.04	0.03	
7873	7903	45.07	150	100	112.70	0.07	0.1	
7874	7904	108.37	150	100	369.09	0.24	0.89	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
7875	7905	52.84	150	100	129.55	0.08	0.13	
7876	7906	51.52	150	100	113.55	0.07	0.1	
7877	7907	269.29	150	100	189.17	0.12	0.26	
7878	7908	70.02	150	100	177.03	0.12	0.23	
7879	7909	86.43	150	100	45.95	0.03	0.02	
7880	7910	114.42	150	100	60.18	0.04	0.03	
7881	7911	112.28	150	100	73.98	0.05	0.05	
7882	7912	95.45	150	100	44.92	0.03	0.02	
7883	7913	38.5	150	100	310.77	0.2	0.65	
7884	7914	71.04	150	100	14.00	0.01	0	
7885	7915	93.62	150	100	144.54	0.09	0.16	
7886	7916	145.91	150	100	423.30	0.28	1.15	
7887	7917	62.03	150	100	362.08	0.24	0.86	
7888	7918	70.17	150	100	347.59	0.23	0.8	
7889	7919	42.76	150	100	453.89	0.3	1.3	
7890	7920	124.05	150	100	353.22	0.23	0.82	
7891	7921	49.47	150	100	237.34	0.16	0.39	
7892	7922	32.59	150	100	188.38	0.12	0.26	
7893	7923	118.21	150	100	87.94	0.06	0.06	
7894	7924	89.14	150	100	218.58	0.14	0.34	
7895	7925	311.13	150	100	370.20	0.24	0.89	
7896	7926	45.78	150	100	327.01	0.21	0.71	
7897	7927	168.88	150	100	194.41	0.13	0.27	
7898	7928	70.07	150	100	128.71	0.08	0.13	
7899	7929	146.18	150	100	89.60	0.06	0.06	
7900	7930	82.72	150	100	134.93	0.09	0.14	
7901	7931	267.79	150	100	218.38	0.14	0.34	
7902	7932	54.77	150	100	75.39	0.05	0.05	
7903	7933	48.41	150	100	0.44	0	0	
7904	7934	73.91	150	100	130.29	0.09	0.13	
7905	7935	82.18	150	100	16.32	0.01	0	
7906	7936	127.72	150	100	507.30	0.33	1.6	
7907	7937	70.26	150	100	456.38	0.3	1.32	
7908	7938	245.1	150	100	293.68	0.19	0.58	
7909	7939	115.32	150	100	94.24	0.06	0.07	
7910	7940	25.38	150	100	98.04	0.06	0.08	
7911	7941	92.68	150	100	108.17	0.07	0.09	
7912	7942	119.02	150	100	52.92	0.03	0.02	
7913	7943	86.27	150	100	119.31	0.08	0.11	
7914	7944	107.96	150	100	197.14	0.13	0.28	
7915	7945	65.85	150	100	171.16	0.11	0.21	
7916	7946	9.76	150	100	446.48	0.29	1.27	
7917	7947	52.03	150	100	205.81	0.13	0.3	
7918	7948	37.03	150	100	592.62	0.39	2.14	
7919	7949	114.32	150	100	509.99	0.33	1.62	
7920	7950	59.9	150	100	380.87	0.25	0.94	
7921	7951	80.11	150	100	57.22	0.04	0.03	
7922	7952	50.58	150	100	91.94	0.06	0.07	
7923	7953	95.2	150	100	499.05	0.33	1.56	
7924	7954	54.66	150	100	91.13	0.06	0.07	
7925	7955	35.8	150	100	604.02	0.4	2.22	
7926	7956	82.28	150	100	279.68	0.18	0.53	
7927	7957	54.08	150	100	400.60	0.26	1.04	
7928	7958	47.74	150	100	216.05	0.14	0.33	
7929	7959	85.92	150	100	60.42	0.04	0.03	
7930	7960	38.2	150	100	177.53	0.12	0.23	
7931	7961	16.54	150	100	10.39	0.01	0	
7932	7962	51.36	150	100	30.79	0.02	0.01	
7933	7963	212.39	150	100	29.10	0.02	0.01	
7934	7964	1.55	150	100	120.55	0.08	0.11	
7935	7965	50.99	150	100	114.98	0.08	0.1	
7936	7966	16.79	150	100	350.25	0.23	0.81	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
7937	7967	30.49	150	100	252.74	0.17	0.44	
7938	7968	23.8	150	100	236.97	0.16	0.39	
7939	7969	130.93	150	100	344.42	0.23	0.78	
7940	7970	47.27	150	100	430.71	0.28	1.18	
7941	7971	33.85	150	100	284.60	0.19	0.55	
7942	7972	106.78	150	100	221.17	0.14	0.34	
7943	7973	37.52	150	100	295.49	0.19	0.59	
7944	7974	38.07	150	100	268.62	0.18	0.49	
7945	7975	48.01	150	100	148.18	0.1	0.16	
7946	7976	43.44	150	100	3.49	0	0	
7947	7977	31.03	150	100	321.59	0.21	0.69	
7948	7978	84.21	150	100	413.60	0.27	1.1	
7949	7979	45.48	150	100	509.42	0.33	1.62	
7950	7980	350.1	150	100	108.23	0.07	0.09	
7951	7981	49.61	150	100	112.66	0.07	0.1	
7952	7982	89.05	150	100	221.98	0.15	0.35	
7953	7983	47.16	150	100	15.91	0.01	0	
7954	7984	52.22	150	100	30.13	0.02	0.01	
7955	7985	123.17	150	100	207.40	0.14	0.31	
7956	7986	164.5	150	100	468.24	0.31	1.38	
7957	7987	48.85	150	100	119.39	0.08	0.11	
7958	7988	253.1	150	100	21.19	0.01	0	
7959	7989	30.64	150	100	319.41	0.21	0.68	
7960	7990	172.36	150	100	660.55	0.43	2.61	
7961	7991	7.1	150	100	468.42	0.31	1.38	
7962	7992	139.14	150	100	229.72	0.15	0.37	
7963	7993	77.54	150	100	236.86	0.16	0.39	
7964	7994	43.7	150	100	242.67	0.16	0.41	
7965	7995	41.15	150	100	135.91	0.09	0.14	
7966	7996	89.8	150	100	414.15	0.27	1.1	
7967	7997	61.71	150	100	198.72	0.13	0.28	
7968	7998	84.13	150	100	165.17	0.11	0.2	
7969	7999	81.47	150	100	109.90	0.07	0.09	
7970	8000	38.08	150	100	154.07	0.1	0.18	
7971	8001	49.45	150	100	78.57	0.05	0.05	
7972	8002	51.14	150	100	79.53	0.05	0.05	
7973	8003	25.2	150	100	6.41	0	0	
7974	8004	149.76	150	100	132.06	0.09	0.13	
7975	8005	56.99	150	100	90.09	0.06	0.07	
7976	8006	130.28	150	100	202.42	0.13	0.29	
7977	8007	153.16	150	100	124.78	0.08	0.12	
7978	8008	174.21	150	100	177.34	0.12	0.23	
7979	8009	72.02	150	100	103.94	0.07	0.09	
7980	8010	90	150	100	294.72	0.19	0.59	
7981	8011	146.12	150	100	835.97	0.55	4.04	
7982	8012	115.03	150	100	60.32	0.04	0.03	
7983	8013	72.09	150	100	51.41	0.03	0.02	
7984	8014	72.84	150	100	676.18	0.44	2.73	
7985	8015	69.33	150	100	138.49	0.09	0.14	
7986	8016	24.75	150	100	32.98	0.02	0.01	
7987	8017	217.58	150	100	46.22	0.03	0.02	
7988	8018	53.41	150	100	180.53	0.12	0.24	
7989	8019	82.16	150	100	89.93	0.06	0.06	
7990	8020	122.22	150	100	161.10	0.11	0.19	
7991	8021	134.35	150	100	171.59	0.11	0.22	
7992	8022	195.88	150	100	385.50	0.25	0.96	
7993	8023	34.09	150	100	291.35	0.19	0.57	
7994	8024	101.68	150	100	272.29	0.18	0.51	
7995	8025	85.44	150	100	33.27	0.02	0.01	
7996	8026	39.69	150	100	118.91	0.08	0.11	
7997	8027	231.16	150	100	206.40	0.14	0.3	
7998	8028	140.3	150	100	125.89	0.08	0.12	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
7999	8029	121.36	150	100	171.51	0.11	0.22	
8000	8030	131.82	150	100	10.27	0.01	0	
8001	8031	33.91	150	100	94.46	0.06	0.07	
8002	8032	38.37	150	100	160.87	0.11	0.19	
8003	8033	262.26	150	100	314.30	0.21	0.66	
8004	8034	41.28	150	100	214.61	0.14	0.33	
8005	8035	56.64	150	100	236.78	0.16	0.39	
8006	8036	188.55	150	100	289.67	0.19	0.57	
8007	8037	162.2	150	100	80.60	0.05	0.05	
8008	8038	232.48	150	100	6.14	0	0	
8009	8039	42.48	150	100	71.13	0.05	0.04	
8010	8040	41.81	150	100	107.13	0.07	0.09	
8011	8041	116.31	150	100	62.62	0.04	0.03	
8012	8042	6.34	150	100	791.50	0.52	3.65	
8013	8043	406.53	150	100	39.93	0.03	0.01	
8014	8044	76.3	150	100	90.96	0.06	0.07	
8015	8045	42.42	150	100	296.08	0.19	0.59	
8016	8046	26.71	150	100	230.95	0.15	0.37	
8017	8047	39.72	150	100	191.78	0.13	0.26	
8018	8048	128.26	150	100	203.02	0.13	0.29	
8019	8049	105.56	150	100	88.83	0.06	0.06	
8020	8050	80.42	150	100	267.92	0.18	0.49	
8021	8051	184.97	150	100	122.29	0.08	0.12	
8022	8052	87.42	150	100	276.90	0.18	0.52	
8023	8053	35.77	150	100	319.66	0.21	0.68	
8024	8054	192.5	150	100	152.39	0.1	0.17	
8025	8055	108.15	150	100	186.43	0.12	0.25	
8026	8056	40.36	150	100	107.50	0.07	0.09	
8027	8057	53.22	150	100	163.54	0.11	0.2	
8028	8058	242.92	150	100	52.58	0.03	0.02	
8029	8059	223.18	150	100	313.22	0.21	0.66	
8030	8060	38.19	150	100	166.70	0.11	0.2	
8031	8061	128.86	150	100	303.52	0.2	0.62	
8032	8062	117.6	150	100	129.75	0.08	0.13	
8033	8063	133.92	150	100	34.61	0.02	0.01	
8034	8064	47.2	150	100	50.60	0.03	0.02	
8035	8065	54.48	150	100	25.35	0.02	0.01	
8036	8066	94.28	150	100	57.33	0.04	0.03	
8037	8067	66.36	150	100	119.83	0.08	0.11	
8038	8068	85.27	150	100	164.28	0.11	0.2	
8039	8069	35.26	150	100	38.48	0.03	0.01	
8040	8070	52.64	150	100	8.85	0.01	0	
8041	8071	219.14	150	100	46.05	0.03	0.02	
8042	8072	63.28	150	100	21.38	0.01	0	
8043	8073	53.24	150	100	30.12	0.02	0.01	
8044	8074	50.29	150	100	124.41	0.08	0.12	
8045	8075	8	150	100	689.44	0.45	2.83	
8046	8076	147.11	150	100	293.91	0.19	0.58	
8047	8077	146.13	150	100	264.23	0.17	0.48	
8048	8078	48.14	150	100	197.02	0.13	0.28	
8049	8079	81.97	150	100	380.12	0.25	0.94	
8050	8080	66.65	150	100	331.91	0.22	0.73	
8051	8081	93.14	150	100	220.34	0.14	0.34	
8052	8082	90.63	150	100	141.32	0.09	0.15	
8053	8083	47.59	150	100	49.66	0.03	0.02	
8054	8084	74.84	150	100	422.26	0.28	1.14	
8055	8085	158.48	150	100	80.52	0.05	0.05	
8056	8086	78.43	150	100	6.19	0	0	
8057	8087	43.77	150	100	140.84	0.09	0.15	
8058	8088	53.49	150	100	229.94	0.15	0.37	
8059	8089	60.17	150	100	194.89	0.13	0.27	
8060	8090	45.51	150	100	1.40	0	0	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
8061	8091	148.55	150	100	87.58	0.06	0.06	
8062	8092	106.16	150	100	21.73	0.01	0	
8063	8093	50.1	150	100	195.19	0.13	0.27	
8064	8094	123.46	150	100	144.88	0.09	0.16	
8065	8095	6.53	150	100	169.94	0.11	0.21	
8066	8096	3.49	150	100	184.04	0.12	0.25	
8067	8097	21.9	150	100	291.52	0.19	0.57	
8068	8098	196.26	150	100	84.94	0.06	0.06	
8069	8099	63.3	150	100	478.77	0.31	1.44	
8070	8100	138.32	150	100	37.52	0.02	0.01	
8071	8101	274.9	150	100	85.02	0.06	0.06	
8072	8102	49.93	150	100	137.03	0.09	0.14	
8073	8103	17.59	150	100	28.23	0.02	0.01	
8074	8104	157.88	150	100	230.44	0.15	0.37	
8075	8105	57.4	150	100	190.80	0.12	0.26	
8076	8106	5.69	150	100	127.10	0.08	0.12	
8077	8107	204.75	150	100	557.48	0.37	1.91	
8078	8108	55.77	150	100	31.74	0.02	0.01	
8079	8109	52.05	150	100	105.48	0.07	0.09	
8080	8110	43.76	150	100	2.48	0	0	
8081	8111	141.61	150	100	62.77	0.04	0.03	
8082	8112	129.38	150	100	27.77	0.02	0.01	
8083	8113	132.66	150	100	60.56	0.04	0.03	
8084	8114	135.36	150	100	124.63	0.08	0.12	
8085	8115	47.22	150	100	154.01	0.1	0.18	
8086	8116	42.48	150	100	129.77	0.08	0.13	
8087	8117	256.97	150	100	39.51	0.03	0.01	
8088	8118	41.74	150	100	147.66	0.1	0.16	
8089	8119	112.21	150	100	326.12	0.21	0.71	
8090	8120	145.76	150	100	60.48	0.04	0.03	
8091	8121	21.59	150	100	402.49	0.26	1.04	
8092	8122	23.9	150	100	389.00	0.25	0.98	
8093	8123	43.61	150	100	444.93	0.29	1.26	
8094	8124	46.69	150	100	18.44	0.01	0	
8095	8125	99.67	150	100	151.36	0.1	0.17	
8096	8126	52.57	150	100	204.61	0.13	0.3	
8097	8127	72.81	150	100	102.59	0.07	0.08	
8098	8128	64.41	150	100	193.62	0.13	0.27	
8099	8129	8.61	150	100	156.37	0.1	0.18	
8100	8130	90.81	150	100	90.20	0.06	0.07	
8101	8131	98.99	150	100	41.38	0.03	0.02	
8102	8132	26.73	150	100	94.39	0.06	0.07	
8103	8133	118.98	150	100	175.29	0.11	0.22	
8104	8134	59.31	150	100	195.30	0.13	0.27	
8105	8135	169.23	150	100	272.49	0.18	0.51	
8106	8136	94.38	150	100	202.61	0.13	0.29	
8107	8137	89.41	150	100	301.84	0.2	0.61	
8108	8138	168.81	150	100	325.16	0.21	0.7	
8109	8139	280.14	150	100	241.57	0.16	0.41	
8110	8140	90.75	150	100	5.83	0	0	
8111	8141	42.91	150	100	190.18	0.12	0.26	
8112	8142	148.82	150	100	185.34	0.12	0.25	
8113	8143	35.17	150	100	35.32	0.02	0.01	
8114	8144	33.51	150	100	62.07	0.04	0.03	
8115	8145	99.02	150	100	49.09	0.03	0.02	
8116	8146	53.14	150	100	407.38	0.27	1.07	
8117	8147	66.75	150	100	15.73	0.01	0	
8118	8148	63.6	150	100	81.45	0.05	0.05	
8119	8149	69.12	150	100	264.51	0.17	0.48	
8120	8150	46.72	150	100	191.97	0.13	0.27	
8121	8151	48.94	150	100	328.38	0.22	0.72	
8122	8152	49.8	150	100	171.60	0.11	0.22	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
8123	8153	29.9	150	100	248.69	0.16	0.43	
8124	8154	56.82	150	100	263.21	0.17	0.48	
8125	8155	11.78	150	100	499.36	0.33	1.56	
8126	8156	31.05	150	100	6.82	0	0	
8127	8157	41.93	150	100	111.37	0.07	0.1	
8128	8158	45.89	150	100	107.48	0.07	0.09	
8129	8159	188.69	150	100	153.25	0.1	0.17	
8130	8160	98.99	150	100	14.51	0.01	0	
8131	8161	49.54	150	100	17.52	0.01	0	
8132	8162	38.99	150	100	64.53	0.04	0.04	
8133	8163	72.95	150	100	30.76	0.02	0.01	
8134	8164	23.41	150	100	306.45	0.2	0.63	
8135	8165	55.12	150	100	241.53	0.16	0.41	
8136	8166	50.37	150	100	64.52	0.04	0.04	
8137	8167	68.53	150	100	39.18	0.03	0.01	
8138	8168	36.92	900	100	2194.33	0.04	0	
8139	8169	87.14	150	100	27.92	0.02	0.01	
8140	8170	57	150	100	184.18	0.12	0.25	
8141	8171	41.99	150	100	39.57	0.03	0.01	
8142	8172	47.14	150	100	229.87	0.15	0.37	
8143	8173	48.02	150	100	203.60	0.13	0.3	
8144	8174	46.41	150	100	164.70	0.11	0.2	
8145	8175	46.92	150	100	186.99	0.12	0.25	
8146	8176	46.64	150	100	32.64	0.02	0.01	
8147	8177	53.35	150	100	20.42	0.01	0	
8148	8178	50.35	150	100	27.36	0.02	0.01	
8149	8179	47.95	150	100	124.08	0.08	0.12	
8150	8180	96.98	150	100	57.80	0.04	0.03	
8151	8181	46.98	150	100	72.18	0.05	0.04	
8152	8182	23.98	150	100	3.91	0	0	
8153	8183	46.4	150	100	96.46	0.06	0.07	
8154	8184	48.05	150	100	67.60	0.04	0.04	
8155	8185	98.85	150	100	1.28	0	0	
8156	8186	127.74	150	100	49.10	0.03	0.02	
8157	8187	49.64	150	100	183.43	0.12	0.24	
8158	8188	47.47	150	100	157.69	0.1	0.18	
8159	8189	86.68	150	100	97.63	0.06	0.08	
8160	8190	136.29	150	100	117.58	0.08	0.11	
8161	8191	303.98	150	100	77.69	0.05	0.05	
8162	8192	71.43	150	100	141.22	0.09	0.15	
8163	8193	166.91	150	100	515.23	0.34	1.65	
8164	8194	33.5	150	100	331.43	0.22	0.73	
8165	8195	50.57	150	100	257.77	0.17	0.46	
8166	8196	35.64	150	100	12.31	0.01	0	
8167	8197	42.07	150	100	199.84	0.13	0.29	
8168	8198	40.67	150	100	320.48	0.21	0.68	
8169	8199	44.76	150	100	45.58	0.03	0.02	
8170	8200	52.42	150	100	298.29	0.2	0.6	
8171	8201	36.86	150	100	98.68	0.06	0.08	
8172	8202	53.06	150	100	38.15	0.02	0.01	
8173	8203	134.31	150	100	55.06	0.04	0.03	
8174	8204	54.12	150	100	12.94	0.01	0	
8175	8205	79.79	150	100	164.90	0.11	0.2	
8176	8206	24.57	150	100	54.72	0.04	0.03	
8177	8207	50.68	150	100	64.01	0.04	0.03	
8178	8208	25.43	150	100	201.51	0.13	0.29	
8179	8209	20.51	150	100	148.78	0.1	0.17	
8180	8210	38.91	150	100	205.24	0.13	0.3	
8181	8211	74.01	150	100	127.03	0.08	0.12	
8182	8212	44.06	150	100	33.10	0.02	0.01	
8183	8213	76.16	150	100	94.97	0.06	0.07	
8184	8214	24.24	100	100	8.13	0.01	0.01	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
8185	8215	81.29	150	100	90.11	0.06	0.07	
8186	8216	67.35	150	100	161.70	0.11	0.19	
8187	8217	73.48	150	100	64.25	0.04	0.03	
8188	8218	47.18	150	100	21.13	0.01	0	
8189	8219	43.06	150	100	39.65	0.03	0.01	
8190	8220	40.29	150	100	60.07	0.04	0.03	
8191	8221	34.72	150	100	87.35	0.06	0.06	
8192	8222	31.75	150	100	56.09	0.04	0.03	
8193	8223	35.45	150	100	114.78	0.08	0.1	
8194	8224	52.97	150	100	84.22	0.06	0.06	
8195	8225	34.22	150	100	45.50	0.03	0.02	
8196	8226	39.33	150	100	89.84	0.06	0.06	
8197	8227	20.21	150	100	83.96	0.05	0.06	
8198	8228	85.68	150	100	73.51	0.05	0.04	
8199	8229	140.5	150	100	44.82	0.03	0.02	
8200	8230	46.86	150	100	67.14	0.04	0.04	
8201	8231	51.74	150	100	389.90	0.26	0.98	
8202	8232	5.25	150	100	188.05	0.12	0.26	
8203	8233	94.73	150	100	326.90	0.21	0.71	
8204	8234	411.32	150	100	278.60	0.18	0.53	
8205	8235	61.41	150	100	125.91	0.08	0.12	
8206	8236	284.92	150	100	174.83	0.11	0.22	
8207	8237	43.38	150	100	251.62	0.16	0.44	
8208	8238	84.42	150	100	24.88	0.02	0.01	
8209	8239	108.64	150	100	34.45	0.02	0.01	
8210	8240	52.05	150	100	158.09	0.1	0.19	
8211	8241	40.55	150	100	43.97	0.03	0.02	
8212	8242	77.67	150	100	29.66	0.02	0.01	
8213	8243	46.9	150	100	63.98	0.04	0.03	
8214	8244	49.57	150	100	145.99	0.1	0.16	
8215	8245	33.51	150	100	409.86	0.27	1.08	
8216	8246	94.14	150	100	29.29	0.02	0.01	
8217	8247	75.2	150	100	33.01	0.02	0.01	
8218	8248	133.55	150	100	76.82	0.05	0.05	
8219	8249	39.78	150	100	88.86	0.06	0.06	
8220	8250	43.61	150	100	122.09	0.08	0.11	
8221	8251	35.8	150	100	162.26	0.11	0.19	
8222	8252	39.57	150	100	201.22	0.13	0.29	
8223	8253	40.02	150	100	286.83	0.19	0.56	
8224	8254	112.26	150	100	14.57	0.01	0	
8225	8255	118.99	150	100	286.19	0.19	0.56	
8226	8256	99.96	150	100	323.77	0.21	0.7	
8227	8257	63.68	150	100	240.23	0.16	0.4	
8228	8258	251.25	150	100	145.57	0.1	0.16	
8229	8259	108.59	150	100	21.86	0.01	0	
8230	8260	82.11	150	100	175.57	0.11	0.22	
8231	8261	43.35	150	100	218.78	0.14	0.34	
8232	8262	43.24	150	100	9.96	0.01	0	
8233	8263	36.84	150	100	21.09	0.01	0	
8234	8264	162.28	150	100	1.65	0	0	
8235	8265	102.55	150	100	20.92	0.01	0	
8236	8266	37.83	150	100	15.57	0.01	0	
8237	8267	53.05	150	100	74.59	0.05	0.05	
8238	8268	59.36	150	100	44.95	0.03	0.02	
8239	8269	47.67	150	100	4.67	0	0	
8240	8270	101.24	150	100	23.46	0.02	0.01	
8241	8271	63.66	150	100	89.63	0.06	0.06	
8242	8272	88.94	150	100	174.37	0.11	0.22	
8243	8273	36.18	150	100	176.03	0.12	0.23	
8244	8274	39.71	150	100	157.76	0.1	0.18	
8245	8275	138.78	150	100	165.40	0.11	0.2	
8246	8276	110.3	150	100	313.21	0.21	0.66	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
8247	8277	74.58	150	100	696.51	0.46	2.88	
8248	8278	38.56	150	100	75.09	0.05	0.05	
8249	8279	78.17	150	100	125.28	0.08	0.12	
8250	8280	75.09	150	100	384.43	0.25	0.96	
8251	8281	33.21	150	100	299.20	0.2	0.6	
8252	8282	105.89	150	100	75.49	0.05	0.05	
8253	8283	83.95	150	100	287.86	0.19	0.56	
8254	8284	70.55	150	100	58.42	0.04	0.03	
8255	8285	29.66	150	100	202.61	0.13	0.29	
8256	8286	73.77	150	100	78.29	0.05	0.05	
8257	8287	116.32	150	100	134.99	0.09	0.14	
8258	8288	204.5	150	100	81.08	0.05	0.05	
8259	8289	38.98	150	100	137.18	0.09	0.14	
8260	8290	116	150	100	36.36	0.02	0.01	
8261	8291	68.63	150	100	212.64	0.14	0.32	
8262	8292	40.1	150	100	14.48	0.01	0	
8263	8293	107.96	150	100	25.00	0.02	0.01	
8264	8294	37.23	150	100	185.08	0.12	0.25	
8265	8295	41.58	150	100	182.44	0.12	0.24	
8266	8296	39.49	150	100	157.53	0.1	0.18	
8267	8297	109.38	150	100	19.74	0.01	0	
8268	8298	162.61	150	100	6.82	0	0	
8269	8299	207.61	150	100	89.98	0.06	0.07	
8270	8300	35.97	150	100	117.72	0.08	0.11	
8271	8301	55.69	150	100	5.82	0	0	
8272	8302	68.62	150	100	53.15	0.03	0.02	
8273	8303	15.35	150	100	41.68	0.03	0.02	
8274	8304	12.57	150	100	262.78	0.17	0.47	
8275	8305	89.93	150	100	252.36	0.17	0.44	
8276	8306	97.58	150	100	186.88	0.12	0.25	
8277	8307	99.4	150	100	70.92	0.05	0.04	
8278	8308	121.91	150	100	102.92	0.07	0.08	
8279	8309	59.51	150	100	1095.05	0.72	6.67	
8280	8310	204.13	150	100	93.91	0.06	0.07	
8281	8311	240.44	150	100	380.64	0.25	0.94	
8282	8312	50.01	150	100	835.58	0.55	4.04	
8283	8313	60.41	150	100	576.95	0.38	2.03	
8284	8314	151.32	150	100	49.98	0.03	0.02	
8285	8315	104.42	150	100	3.63	0	0	
8286	8316	130.99	150	100	0.00	0	0	
8287	8317	113.01	150	100	130.65	0.09	0.13	
8288	8318	115.36	150	100	117.67	0.08	0.11	
8289	8319	46.77	150	100	60.95	0.04	0.03	
8290	8320	439.17	150	100	40.13	0.03	0.01	
8291	8322	56.37	150	100	138.90	0.09	0.15	
8292	8323	61.92	150	100	84.25	0.06	0.06	
8293	8324	157.5	150	100	10.58	0.01	0	
8294	8325	173.75	150	100	2.51	0	0	
8295	8326	35.15	100	100	10.36	0.02	0.01	
8296	8327	30	150	100	79.89	0.05	0.05	
8297	8328	37.72	150	100	140.59	0.09	0.15	
8298	8329	159.99	150	100	61.57	0.04	0.03	
8299	8330	38.02	150	100	63.91	0.04	0.03	
8300	8331	107.88	150	100	125.68	0.08	0.12	
8301	8332	80.9	150	100	298.02	0.2	0.6	
8302	8333	169.52	150	100	103.21	0.07	0.08	
8303	8334	155.74	150	100	303.46	0.2	0.62	
8304	8335	594.66	150	100	62.01	0.04	0.03	
8305	8336	228.14	150	100	387.47	0.25	0.97	
8306	8337	149.02	150	100	387.77	0.25	0.97	
8307	8338	122.84	150	100	388.20	0.25	0.98	
8308	8339	100.72	150	100	106.77	0.07	0.09	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
8309	8340	94.52	150	100	130.62	0.09	0.13	
8310	8341	127.25	150	100	63.88	0.04	0.03	
8311	8342	13.9	150	100	513.38	0.34	1.64	
8312	8343	112.39	150	100	191.87	0.13	0.26	
8313	8344	78.18	150	100	134.31	0.09	0.14	
8314	8345	33.91	150	100	193.10	0.13	0.27	
8315	8346	784.5	150	100	399.97	0.26	1.03	
8316	8347	153.09	150	100	10.46	0.01	0	
8317	8348	3.21	150	100	38.48	0.03	0.01	
8318	8349	35.24	150	100	504.46	0.33	1.59	
8319	8350	53.03	150	100	233.99	0.15	0.38	
8320	8351	95.59	150	100	409.42	0.27	1.08	
8321	8352	96.44	150	100	171.12	0.11	0.21	
8322	8353	93.88	150	100	25.62	0.02	0.01	
8323	8354	52.41	150	100	536.98	0.35	1.78	
8324	8355	72.52	150	100	283.54	0.19	0.55	
8325	8356	6.67	150	100	1422.25	0.93	10.82	
8326	8357	18.05	150	100	871.63	0.57	4.37	
8327	8358	133.86	150	100	433.71	0.28	1.2	
8328	8359	42.71	150	100	481.58	0.32	1.46	
8329	8360	45.13	150	100	403.36	0.26	1.05	
8330	8361	89.53	150	100	20.78	0.01	0	
8331	8362	40.56	150	100	211.11	0.14	0.32	
8332	8363	133.77	150	100	13.70	0.01	0	
8333	8364	62.58	150	100	69.42	0.05	0.04	
8334	8365	67.21	150	100	5.54	0	0	
8335	8366	55.07	150	100	46.64	0.03	0.02	
8336	8367	65.15	150	100	20.50	0.01	0	
8337	8368	66.17	150	100	603.79	0.4	2.21	
8338	8369	159.82	150	100	246.85	0.16	0.42	
8339	8370	108.37	150	100	259.42	0.17	0.46	
8340	8371	53.09	150	100	275.17	0.18	0.52	
8341	8372	57.42	150	100	174.58	0.11	0.22	
8342	8373	205.54	150	100	519.42	0.34	1.67	
8343	8374	53.9	150	100	233.30	0.15	0.38	
8344	8375	49.7	150	100	183.75	0.12	0.24	
8345	8376	75.88	150	100	165.92	0.11	0.2	
8346	8377	65.43	150	100	464.24	0.3	1.36	
8347	8378	146.9	150	100	229.50	0.15	0.37	
8348	8379	81.32	150	100	145.58	0.1	0.16	
8349	8380	173.24	150	100	108.99	0.07	0.09	
8350	8381	146.28	150	100	73.51	0.05	0.04	
8351	8382	130.46	150	100	104.64	0.07	0.09	
8352	8383	59.31	150	100	61.32	0.04	0.03	
8353	8384	86.36	150	100	143.05	0.09	0.15	
8354	8385	140.38	150	100	77.35	0.05	0.05	
8355	8386	133.88	150	100	77.79	0.05	0.05	
8356	8387	37.44	150	100	87.60	0.06	0.06	
8357	8388	52.03	150	100	56.04	0.04	0.03	
8358	8389	137.65	150	100	127.32	0.08	0.12	
8359	8390	89.38	150	100	34.02	0.02	0.01	
8360	8391	72.19	150	100	75.85	0.05	0.05	
8361	8392	78.73	150	100	150.16	0.1	0.17	
8362	8393	171.2	150	100	179.24	0.12	0.23	
8363	8394	51.03	150	100	168.49	0.11	0.21	
8364	8395	57.98	150	100	131.47	0.09	0.13	
8365	8396	51.72	150	100	221.87	0.15	0.35	
8366	8397	65.59	150	100	217.01	0.14	0.33	
8367	8398	50.68	150	100	71.23	0.05	0.04	
8368	8399	98.75	150	100	184.39	0.12	0.25	
8369	8400	142.12	150	100	288.30	0.19	0.56	
8370	8401	44.98	150	100	48.34	0.03	0.02	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
8371	8402	16.34	150	100	7.40	0	0	
8372	8403	24.44	150	100	138.41	0.09	0.14	
8373	8404	113.3	150	100	128.18	0.08	0.13	
8374	8405	154.65	150	100	21.29	0.01	0	
8375	8406	134.42	150	100	93.15	0.06	0.07	
8376	8407	62.38	150	100	304.60	0.2	0.62	
8377	8408	30.73	150	100	292.13	0.19	0.58	
8378	8409	40.05	150	100	599.48	0.39	2.18	
8379	8410	46.46	150	100	367.52	0.24	0.88	
8380	8411	89.24	150	100	193.48	0.13	0.27	
8381	8412	62.46	150	100	172.66	0.11	0.22	
8382	8413	81.46	150	100	373.70	0.24	0.91	
8383	8414	62.37	150	100	135.13	0.09	0.14	
8384	8415	39.94	150	100	138.50	0.09	0.14	
8385	8416	121.82	150	100	138.55	0.09	0.14	
8386	8417	85.7	150	100	239.48	0.16	0.4	
8387	8418	64.14	150	100	194.23	0.13	0.27	
8388	8419	46.44	150	100	34.97	0.02	0.01	
8389	8420	135.19	150	100	57.98	0.04	0.03	
8390	8421	38.46	150	100	108.38	0.07	0.09	
8391	8422	59.39	150	100	111.40	0.07	0.1	
8392	8423	102.46	150	100	47.70	0.03	0.02	
8393	8424	24.95	150	100	136.10	0.09	0.14	
8394	8425	167.38	150	100	83.42	0.05	0.06	
8395	8426	49.2	150	100	33.94	0.02	0.01	
8396	8427	162.37	150	100	79.58	0.05	0.05	
8397	8428	65.66	150	100	66.90	0.04	0.04	
8398	8429	68.13	150	100	201.46	0.13	0.29	
8399	8430	83.13	150	100	256.96	0.17	0.45	
8400	8431	148.69	150	100	122.26	0.08	0.11	
8401	8432	76.17	150	100	64.52	0.04	0.04	
8402	8433	68.57	150	100	209.25	0.14	0.31	
8403	8434	41.2	150	100	207.32	0.14	0.31	
8404	8435	232.12	150	100	14.46	0.01	0	
8405	8436	20.56	150	100	173.05	0.11	0.22	
8406	8437	67.14	150	100	340.75	0.22	0.77	
8407	8438	63.29	150	100	356.92	0.23	0.84	
8408	8439	24.37	150	100	332.31	0.22	0.73	
8409	8440	79.36	150	100	391.02	0.26	0.99	
8410	8441	85.32	150	100	92.97	0.06	0.07	
8411	8442	79.4	150	100	13.57	0.01	0	
8412	8443	113.95	150	100	132.71	0.09	0.13	
8413	8444	56.74	150	100	46.10	0.03	0.02	
8414	8445	53.76	150	100	417.36	0.27	1.12	
8415	8446	160.7	150	100	137.67	0.09	0.14	
8416	8447	17.48	150	100	542.03	0.36	1.81	
8417	8448	94.06	150	100	200.33	0.13	0.29	
8418	8449	54.57	150	100	306.21	0.2	0.63	
8419	8450	95.6	150	100	142.38	0.09	0.15	
8420	8451	127.24	150	100	652.71	0.43	2.56	
8421	8452	146.72	150	100	156.87	0.1	0.18	
8422	8453	72.35	150	100	274.97	0.18	0.52	
8423	8454	143.74	150	100	589.75	0.39	2.12	
8424	8455	129.5	150	100	181.80	0.12	0.24	
8425	8456	59.44	150	100	132.40	0.09	0.13	
8426	8457	83.22	150	100	96.73	0.06	0.07	
8427	8458	185.85	150	100	271.33	0.18	0.5	
8428	8459	160.29	150	100	260.27	0.17	0.47	
8429	8460	116.88	150	100	111.08	0.07	0.1	
8430	8461	75.68	150	100	357.97	0.23	0.84	
8431	8462	54.16	150	100	334.30	0.22	0.74	
8432	8463	146.32	150	100	169.90	0.11	0.21	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
8433	8464	52.5	150	100	252.90	0.17	0.44	
8434	8465	34.24	150	100	291.32	0.19	0.57	
8435	8466	34.63	150	100	303.63	0.2	0.62	
8436	8467	36.94	150	100	284.11	0.19	0.55	
8437	8468	31.41	150	100	292.37	0.19	0.58	
8438	8469	139.34	150	100	341.01	0.22	0.77	
8439	8470	63.58	150	100	513.62	0.34	1.64	
8440	8471	41.89	150	100	428.85	0.28	1.17	
8441	8472	51.07	150	100	493.77	0.32	1.52	
8442	8473	279	150	100	350.83	0.23	0.81	
8443	8474	81.02	150	100	359.10	0.24	0.85	
8444	8475	39.97	150	100	983.90	0.64	5.47	
8445	8476	41.88	150	100	378.92	0.25	0.93	
8446	8477	108.15	150	100	491.83	0.32	1.51	
8447	8478	59.08	150	100	332.02	0.22	0.73	
8448	8479	54.8	150	100	282.19	0.18	0.54	
8449	8480	50.19	150	100	242.47	0.16	0.41	
8450	8481	114.66	150	100	147.05	0.1	0.16	
8451	8482	31.64	150	100	112.25	0.07	0.1	
8452	8483	58.85	150	100	106.96	0.07	0.09	
8453	8484	90.78	150	100	9.20	0.01	0	
8454	8485	62.83	150	100	585.91	0.38	2.09	
8455	8486	66.76	150	100	362.01	0.24	0.86	
8456	8487	39.94	150	100	92.77	0.06	0.07	
8457	8488	123.74	150	100	101.36	0.07	0.08	
8458	8489	62.17	150	100	9.14	0.01	0	
8459	8490	50.85	150	100	51.04	0.03	0.02	
8460	8491	91.36	150	100	311.99	0.2	0.65	
8461	8492	175.64	150	100	134.24	0.09	0.14	
8462	8493	173.44	150	100	66.30	0.04	0.04	
8463	8494	54.18	150	100	299.01	0.2	0.6	
8464	8495	155.92	150	100	37.16	0.02	0.01	
8465	8496	103.14	150	100	228.23	0.15	0.37	
8466	8497	63.54	150	100	117.74	0.08	0.11	
8467	8498	122.29	150	100	102.42	0.07	0.08	
8468	8499	104.38	150	100	267.30	0.18	0.49	
8469	8500	46.02	150	100	272.36	0.18	0.51	
8470	8501	150.25	150	100	317.06	0.21	0.67	
8471	8502	135.15	150	100	214.07	0.14	0.32	
8472	8503	6.27	150	100	639.81	0.42	2.46	
8473	8504	146.59	150	100	4.53	0	0	
8474	8505	169.44	150	100	194.07	0.13	0.27	
8475	8506	37.88	150	100	0.00	0	0	
8476	8507	157.9	150	100	210.36	0.14	0.31	
8477	8508	62.31	150	100	100.66	0.07	0.08	
8478	8509	275.68	150	100	257.49	0.17	0.46	
8479	8510	131.13	150	100	8.39	0.01	0	
8480	8511	253.41	150	100	21.29	0.01	0	
8481	8512	266.87	150	100	0.64	0	0	
8482	8513	160.68	150	100	0.77	0	0	
8483	8514	105.2	150	100	187.22	0.12	0.25	
8484	8515	16.04	150	100	1586.96	1.04	13.25	
8485	8516	45.99	150	100	9.15	0.01	0	
8486	8517	29.91	150	100	93.03	0.06	0.07	
8487	8518	94.86	150	100	114.78	0.08	0.1	
8488	8519	106.58	150	100	198.64	0.13	0.28	
8489	8520	40.52	150	100	448.82	0.29	1.28	
8490	8521	161.83	150	100	172.21	0.11	0.22	
8491	8522	158.42	150	100	51.98	0.03	0.02	
8492	8523	95.22	150	100	27.22	0.02	0.01	
8493	8524	154.99	150	100	19.91	0.01	0	
8494	8525	77.82	150	100	25.99	0.02	0.01	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
8495	8526	57.32	150	100	385.85	0.25	0.97	
8496	8527	99.25	150	100	182.54	0.12	0.24	
8497	8528	76.86	150	100	73.72	0.05	0.05	
8498	8529	43.49	150	100	71.57	0.05	0.04	
8499	8530	30.06	150	100	175.32	0.11	0.22	
8500	8531	320.33	150	100	664.13	0.43	2.64	
8501	8532	30.65	150	100	664.13	0.43	2.64	
8502	8533	94.19	150	100	206.26	0.14	0.3	
8503	8534	207.06	150	100	98.34	0.06	0.08	
8504	8535	77.04	150	100	252.63	0.17	0.44	
8505	8536	68.57	150	100	202.42	0.13	0.29	
8506	8537	163.37	150	100	55.12	0.04	0.03	
8507	8538	6.81	150	100	46.62	0.03	0.02	
8508	8539	110.77	150	100	163.89	0.11	0.2	
8509	8540	106.61	150	100	53.14	0.03	0.02	
8510	8541	59.33	150	100	209.77	0.14	0.31	
8511	8542	196.28	150	100	66.33	0.04	0.04	
8512	8543	303.87	150	100	3.22	0	0	
8513	8544	145.11	150	100	217.23	0.14	0.33	
8514	8545	56.46	150	100	286.54	0.19	0.56	
8515	8546	90.77	150	100	69.23	0.05	0.04	
8516	8547	166.15	150	100	33.24	0.02	0.01	
8517	8548	164.99	150	100	257.21	0.17	0.46	
8518	8549	171.8	150	100	9.28	0.01	0	
8519	8550	73.16	150	100	175.18	0.11	0.22	
8520	8551	132.07	150	100	25.02	0.02	0.01	
8521	8552	52.19	150	100	52.48	0.03	0.02	
8522	8553	230	150	100	352.49	0.23	0.82	
8523	8554	98.17	150	100	5.93	0	0	
8524	8555	42.37	150	100	142.78	0.09	0.15	
8525	8556	209.94	150	100	7.25	0	0	
8526	8557	101.02	150	100	0.52	0	0	
8527	8558	35.88	150	100	48.04	0.03	0.02	
8528	8559	25.22	150	100	380.95	0.25	0.94	
8529	8560	232.7	150	100	90.88	0.06	0.07	
8530	8561	109.27	150	100	128.05	0.08	0.13	
8531	8562	22.43	100	100	104.63	0.15	0.62	
8532	8563	63.46	100	100	6.83	0.01	0	
8533	8564	1920.6	100	100	10.22	0.02	0.01	
8534	8565	75.6	100	100	15.66	0.02	0.02	
8535	8566	129.34	100	100	373.04	0.55	6.54	
8536	8567	120.78	100	100	130.50	0.19	0.93	
8537	8568	37.35	100	100	4.38	0.01	0	
8538	8569	66.15	100	100	40.40	0.06	0.11	
8539	8570	44.03	100	100	75.70	0.11	0.34	
8540	8571	49.35	100	100	24.82	0.04	0.04	
8541	8572	73.13	100	100	171.95	0.25	1.56	
8542	8573	79.59	100	100	14.39	0.02	0.02	
8543	8574	115.93	100	100	76.96	0.11	0.35	
8544	8575	44.35	100	100	98.04	0.14	0.55	
8545	8576	112.72	100	100	267.58	0.39	3.53	
8546	8577	73.09	100	100	29.14	0.04	0.06	
8547	8578	81.49	100	100	39.37	0.06	0.1	
8548	8579	168.87	100	100	88.47	0.13	0.46	
8549	8580	166.58	100	100	55.46	0.08	0.19	
8550	8581	24.95	100	100	56.81	0.08	0.2	
8551	8582	43.8	80	100	108.23	0.25	1.96	
8552	8583	27.32	100	100	65.04	0.1	0.26	
8553	8584	128.38	100	100	10.14	0.01	0.01	
8554	8585	101.84	100	100	26.57	0.04	0.05	
8555	8586	77.21	100	100	47.53	0.07	0.14	
8556	8587	639.55	100	100	17.31	0.03	0.02	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
8557	8588	87.37	100	100	16.30	0.02	0.02	
8558	8589	144.5	100	100	30.43	0.04	0.06	
8559	8590	87.23	100	100	0.04	0	0	
8560	8591	314.06	100	100	47.38	0.07	0.14	
8561	8592	226.48	100	100	89.22	0.13	0.46	
8562	8593	59.93	100	100	23.75	0.03	0.04	
8563	8594	204.87	100	100	90.05	0.13	0.47	
8564	8595	61.87	100	100	67.39	0.1	0.27	
8565	8596	175.45	100	100	184.92	0.27	1.78	
8566	8597	151.13	100	100	66.30	0.1	0.27	
8567	8598	142.64	100	100	259.52	0.38	3.34	
8568	8599	21.81	100	100	32.51	0.05	0.07	
8569	8600	97.36	100	100	12.53	0.02	0.01	
8570	8601	142.54	100	100	98.40	0.15	0.55	
8571	8602	110.93	100	100	37.55	0.06	0.09	
8572	8603	70.1	100	100	59.65	0.09	0.22	
8573	8604	87.02	100	100	18.38	0.03	0.02	
8574	8605	76.87	100	100	38.33	0.06	0.1	
8575	8606	86.32	100	100	61.39	0.09	0.23	
8576	8607	154.57	100	100	249.03	0.37	3.09	
8577	8608	75.51	100	100	153.09	0.23	1.26	
8578	8609	107.5	100	100	118.92	0.18	0.79	
8579	8610	127.68	100	100	13.10	0.02	0.01	
8580	8611	71.66	100	100	77.78	0.11	0.36	
8581	8612	28.46	100	100	83.65	0.12	0.41	
8582	8613	36.91	100	100	302.37	0.45	4.43	
8583	8614	174.14	100	100	211.24	0.31	2.28	
8584	8615	104.07	100	100	44.17	0.07	0.13	
8585	8616	107.48	100	100	34.89	0.05	0.08	
8586	8617	40.61	100	100	10.55	0.02	0.01	
8587	8618	105	100	100	3.71	0.01	0	
8588	8619	41.72	100	100	59.24	0.09	0.22	
8589	8620	109.03	100	100	53.32	0.08	0.18	
8590	8621	81.03	100	100	116.50	0.17	0.76	
8591	8622	133.99	100	100	39.36	0.06	0.1	
8592	8623	18	100	100	29.67	0.04	0.06	
8593	8624	193.93	100	100	35.28	0.05	0.08	
8594	8625	106.63	100	100	43.84	0.06	0.12	
8595	8626	38.95	100	100	52.49	0.08	0.17	
8596	8627	23.97	100	100	104.22	0.15	0.62	
8597	8628	175.43	100	100	151.56	0.22	1.23	
8598	8629	34.25	100	100	5.29	0.01	0	
8599	8630	32.48	100	100	96.21	0.14	0.53	
8600	8631	92.7	100	100	55.93	0.08	0.19	
8601	8632	105.31	100	100	7.50	0.01	0	
8602	8633	223.19	100	100	40.53	0.06	0.11	
8603	8634	115.42	100	100	26.64	0.04	0.05	
8604	8635	169.41	100	100	22.18	0.03	0.04	
8605	8636	48.97	100	100	28.68	0.04	0.06	
8606	8637	132.04	100	100	109.48	0.16	0.68	
8607	8638	120.26	100	100	53.63	0.08	0.18	
8608	8639	38.01	100	100	147.40	0.22	1.17	
8609	8640	35.41	100	100	58.65	0.09	0.21	
8610	8641	183.44	100	100	76.14	0.11	0.34	
8611	8642	89.63	100	100	100.12	0.15	0.57	
8612	8643	151.67	100	100	27.03	0.04	0.05	
8613	8644	120.5	100	100	2.18	0	0	
8614	8645	108.83	100	100	162.29	0.24	1.4	
8615	8646	21.64	100	100	158.04	0.23	1.33	
8616	8647	139.17	100	100	107.62	0.16	0.65	
8617	8648	12.46	100	100	21.90	0.03	0.03	
8618	8649	54.32	100	100	21.31	0.03	0.03	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
8619	8650	134.93	100	100	25.88	0.04	0.05	
8620	8651	162.29	100	100	11.04	0.02	0.01	
8621	8652	46.95	100	100	139.28	0.21	1.05	
8622	8653	39.99	100	100	195.95	0.29	1.98	
8623	8654	24.64	100	100	98.86	0.15	0.56	
8624	8655	152.05	100	100	44.85	0.07	0.13	
8625	8656	40.98	100	100	76.62	0.11	0.35	
8626	8657	149.47	100	100	14.15	0.02	0.02	
8627	8658	235.05	100	100	6.41	0.01	0	
8628	8659	54.05	100	100	5.31	0.01	0	
8629	8660	47.68	100	100	41.74	0.06	0.11	
8630	8661	107.45	100	100	34.56	0.05	0.08	
8631	8662	98.24	100	100	96.53	0.14	0.53	
8632	8663	190.23	100	100	35.58	0.05	0.08	
8633	8664	56.48	100	100	20.17	0.03	0.03	
8634	8665	82.2	100	100	27.81	0.04	0.05	
8635	8666	69.1	100	100	47.03	0.07	0.14	
8636	8667	65.33	100	100	22.91	0.03	0.04	
8637	8668	450.6	100	100	5.14	0.01	0	
8638	8669	122.71	100	100	56.99	0.08	0.2	
8639	8670	120.31	100	100	33.73	0.05	0.08	
8640	8671	55.4	100	100	31.64	0.05	0.07	
8641	8672	244.5	100	100	84.60	0.12	0.42	
8642	8673	90.78	100	100	92.46	0.14	0.49	
8643	8674	161.47	100	100	58.45	0.09	0.21	
8644	8675	66.47	100	100	58.93	0.09	0.21	
8645	8676	120.75	100	100	48.21	0.07	0.15	
8646	8677	94.79	100	100	153.68	0.23	1.27	
8647	8678	112.1	100	100	19.74	0.03	0.03	
8648	8679	190.65	100	100	87.18	0.13	0.44	
8649	8680	22.5	100	100	29.22	0.04	0.06	
8650	8681	36.95	100	100	256.10	0.38	3.26	
8651	8682	110.21	100	100	155.01	0.23	1.29	
8652	8683	113.48	100	100	200.87	0.3	2.08	
8653	8684	34.87	100	100	127.07	0.19	0.89	
8654	8685	124.65	100	100	2.85	0	0	
8655	8686	68.6	100	100	17.54	0.03	0.02	
8656	8687	60.05	100	100	122.55	0.18	0.83	
8657	8688	132.41	100	100	79.87	0.12	0.38	
8658	8689	101.82	100	100	45.65	0.07	0.13	
8659	8690	46.91	100	100	97.39	0.14	0.54	
8660	8691	101.77	100	100	80.49	0.12	0.38	
8661	8692	37.51	100	100	226.56	0.33	2.6	
8662	8693	87.91	100	100	16.70	0.02	0.02	
8663	8694	31.39	100	100	0.00	0	0	
8664	8695	87.52	100	100	134.90	0.2	0.99	
8665	8696	102.63	100	100	80.68	0.12	0.38	
8666	8697	84	100	100	110.72	0.16	0.69	
8667	8698	46.97	100	100	6.51	0.01	0	
8668	8699	33.94	100	100	102.47	0.15	0.6	
8669	8700	45.71	100	100	137.20	0.2	1.03	
8670	8701	54.28	100	100	7.25	0.01	0	
8671	8702	48.18	100	100	111.27	0.16	0.7	
8672	8703	67.82	100	100	167.04	0.25	1.48	
8673	8704	25.51	100	100	3.47	0.01	0	
8674	8705	85	100	100	92.87	0.14	0.5	
8675	8706	25.73	100	100	109.46	0.16	0.67	
8676	8707	87.41	100	100	103.96	0.15	0.61	
8677	8708	71.95	100	100	122.35	0.18	0.83	
8678	8709	33.83	100	100	246.00	0.36	3.02	
8679	8710	47.15	100	100	168.68	0.25	1.5	
8680	8711	66.71	100	100	138.98	0.2	1.05	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
8681	8712	41.15	100	100	236.96	0.35	2.82	
8682	8713	111.06	100	100	171.46	0.25	1.55	
8683	8714	40.52	100	100	60.53	0.09	0.23	
8684	8715	220.6	100	100	290.36	0.43	4.11	
8685	8716	131.26	100	100	170.04	0.25	1.53	
8686	8717	89.01	100	100	27.63	0.04	0.05	
8687	8718	69.65	100	100	59.49	0.09	0.22	
8688	8719	53.25	100	100	9.75	0.01	0.01	
8689	8720	72.75	100	100	20.37	0.03	0.03	
8690	8722	137.88	100	100	46.63	0.07	0.14	
8691	8723	57.1	100	100	44.16	0.07	0.13	
8692	8724	135.39	100	100	36.24	0.05	0.09	
8693	8725	54.49	100	100	20.86	0.03	0.03	
8694	8726	111.06	100	100	23.80	0.04	0.04	
8695	8727	45.66	100	100	72.82	0.11	0.32	
8696	8728	63.07	100	100	23.61	0.03	0.04	
8697	8729	294.79	100	100	52.17	0.08	0.17	
8698	8730	87.48	100	100	106.76	0.16	0.64	
8699	8731	132.31	100	100	21.07	0.03	0.03	
8700	8732	54.66	100	100	119.95	0.18	0.8	
8701	8733	123.13	100	100	80.43	0.12	0.38	
8702	8734	288.2	100	100	43.77	0.06	0.12	
8703	8735	340.47	100	100	54.44	0.08	0.19	
8704	8736	54.8	100	100	37.19	0.05	0.09	
8705	8737	162.47	100	100	82.77	0.12	0.4	
8706	8738	37.19	100	100	1284.49	1.89	64.56	
8707	8739	70.24	100	100	40.75	0.06	0.11	
8708	8740	33.26	100	100	114.51	0.17	0.73	
8709	8741	121.47	100	100	117.21	0.17	0.77	
8710	8742	104.52	100	100	112.29	0.17	0.71	
8711	8743	293.75	100	100	94.42	0.14	0.51	
8712	8744	141.35	100	100	120.81	0.18	0.81	
8713	8745	75.57	100	100	153.14	0.23	1.26	
8714	8746	43.23	100	100	119.24	0.18	0.79	
8715	8747	84.3	100	100	41.31	0.06	0.11	
8716	8748	106.86	100	100	48.19	0.07	0.15	
8717	8749	81.41	100	100	28.30	0.04	0.06	
8718	8750	64.24	100	100	179.55	0.26	1.69	
8719	8751	35.12	100	100	183.85	0.27	1.76	
8720	8752	46.79	100	100	153.21	0.23	1.26	
8721	8753	137.95	100	100	54.08	0.08	0.18	
8722	8754	100.66	100	100	24.60	0.04	0.04	
8723	8755	44.68	100	100	99.84	0.15	0.57	
8724	8756	62.61	100	100	180.40	0.27	1.7	
8725	8757	98.24	100	100	18.49	0.03	0.02	
8726	8758	43.12	100	100	121.39	0.18	0.82	
8727	8759	78.04	100	100	87.51	0.13	0.45	
8728	8760	26.74	100	100	52.04	0.08	0.17	
8729	8761	29.53	100	100	203.83	0.3	2.14	
8730	8762	54.75	100	100	62.92	0.09	0.24	
8731	8763	48.6	100	100	15.75	0.02	0.02	
8732	8764	122.06	100	100	61.10	0.09	0.23	
8733	8765	177.87	100	100	83.03	0.12	0.4	
8734	8766	17.81	100	100	95.23	0.14	0.52	
8735	8767	267.06	100	100	39.40	0.06	0.1	
8736	8768	66.08	100	100	45.07	0.07	0.13	
8737	8769	41.58	100	100	70.54	0.1	0.3	
8738	8770	112.89	100	100	30.62	0.05	0.06	
8739	8771	132.86	100	100	9.35	0.01	0.01	
8740	8772	118.85	100	100	118.45	0.17	0.78	
8741	8773	56.99	100	100	42.26	0.06	0.12	
8742	8774	119.71	100	100	69.13	0.1	0.29	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
8743	8775	142.8	100	100	7.28	0.01	0	
8744	8776	132.19	100	100	72.16	0.11	0.31	
8745	8777	132.32	100	100	93.25	0.14	0.5	
8746	8778	147.92	100	100	49.47	0.07	0.16	
8747	8779	84.08	100	100	4.97	0.01	0	
8748	8780	44.01	100	100	23.03	0.03	0.04	
8749	8781	97.2	100	100	41.37	0.06	0.11	
8750	8782	104.48	100	100	59.40	0.09	0.22	
8751	8783	115.81	100	100	134.38	0.2	0.99	
8752	8784	129.07	100	100	71.24	0.1	0.3	
8753	8785	155.34	100	100	89.36	0.13	0.46	
8754	8786	58.07	100	100	512.74	0.76	11.79	
8755	8787	120.23	100	100	310.74	0.46	4.66	
8756	8788	80.55	100	100	297.00	0.44	4.29	
8757	8789	47.19	100	100	35.13	0.05	0.08	
8758	8790	36.92	100	100	160.04	0.24	1.36	
8759	8791	54.24	100	100	340.22	0.5	5.51	
8760	8792	141.28	100	100	158.45	0.23	1.34	
8761	8793	41.28	100	100	6.50	0.01	0	
8762	8794	14.08	100	100	57.11	0.08	0.2	
8763	8795	58.25	100	100	350.35	0.52	5.82	
8764	8796	28.03	100	100	9.58	0.01	0.01	
8765	8797	42.62	100	100	318.96	0.47	4.89	
8766	8798	14.74	100	100	427.23	0.63	8.41	
8767	8799	66.8	100	100	152.33	0.22	1.24	
8768	8800	26.12	100	100	27.03	0.04	0.05	
8769	8801	117.28	100	100	178.45	0.26	1.67	
8770	8802	41.14	100	100	8.85	0.01	0.01	
8771	8803	82.08	100	100	147.94	0.22	1.18	
8772	8805	181.41	100	100	8.85	0.01	0.01	
8773	8806	120.48	100	100	118.76	0.18	0.78	
8774	8807	168.62	100	100	1.92	0	0	
8775	8808	41.59	100	100	1.28	0	0	
8776	8809	38.95	100	100	44.68	0.07	0.13	
8777	8810	53	100	100	2.54	0	0	
8778	8811	49.79	100	100	67.30	0.1	0.27	
8779	8812	81.49	100	100	13.92	0.02	0.01	
8780	8813	61.5	100	100	41.86	0.06	0.11	
8781	8814	46.94	100	100	0.42	0	0	
8782	8815	71.87	100	100	162.99	0.24	1.41	
8783	8816	114.53	100	100	19.94	0.03	0.03	
8784	8817	162.65	100	100	116.90	0.17	0.76	
8785	8818	320.02	100	100	44.56	0.07	0.13	
8786	8819	95.17	100	100	24.08	0.04	0.04	
8787	8820	93.47	100	100	28.19	0.04	0.05	
8788	8821	37.72	100	100	100.20	0.15	0.57	
8789	8822	93.51	100	100	18.31	0.03	0.02	
8790	8823	36.42	100	100	111.74	0.16	0.7	
8791	8824	73.91	100	100	61.00	0.09	0.23	
8792	8825	57.28	100	100	18.83	0.03	0.03	
8793	8826	234.31	100	100	2.91	0	0	
8794	8827	100.12	100	100	5.75	0.01	0	
8795	8828	37.66	100	100	10.66	0.02	0.01	
8796	8829	92.35	100	100	60.96	0.09	0.23	
8797	8830	134.19	100	100	64.49	0.1	0.25	
8798	8831	83.76	100	100	22.22	0.03	0.04	
8799	8832	37.54	100	100	115.14	0.17	0.74	
8800	8833	79.7	100	100	31.20	0.05	0.07	
8801	8834	66.79	100	100	229.34	0.34	2.66	
8802	8835	60.78	100	100	88.89	0.13	0.46	
8803	8836	121.11	100	100	121.84	0.18	0.82	
8804	8837	64.23	100	100	52.78	0.08	0.17	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
8805	8838	62.64	100	100	85.06	0.13	0.42	
8806	8839	124.81	100	100	72.23	0.11	0.31	
8807	8840	72.85	100	100	65.96	0.1	0.26	
8808	8841	44.48	100	100	2.10	0	0	
8809	8842	60.82	100	100	8.16	0.01	0.01	
8810	8843	36.4	100	100	48.57	0.07	0.15	
8811	8844	60.48	100	100	15.97	0.02	0.02	
8812	8845	36.99	100	100	110.68	0.16	0.69	
8813	8846	40.07	100	100	48.11	0.07	0.15	
8814	8847	36.8	100	100	52.08	0.08	0.17	
8815	8848	135.63	100	100	421.81	0.62	8.21	
8816	8849	61.73	100	100	16.24	0.02	0.02	
8817	8850	61.74	100	100	36.13	0.05	0.09	
8818	8851	55.05	100	100	9.64	0.01	0.01	
8819	8852	183.38	100	100	12.90	0.02	0.01	
8820	8853	151.03	100	100	34.99	0.05	0.08	
8821	8854	69.49	100	100	36.95	0.05	0.09	
8822	8855	50.44	100	100	24.41	0.04	0.04	
8823	8856	63.74	100	100	42.67	0.06	0.12	
8824	8857	97.14	100	100	50.14	0.07	0.16	
8825	8858	26.59	100	100	96.58	0.14	0.54	
8826	8859	52.87	100	100	34.71	0.05	0.08	
8827	8860	120.18	100	100	118.86	0.18	0.79	
8828	8861	82.06	100	100	143.29	0.21	1.11	
8829	8862	114.85	100	100	91.64	0.14	0.49	
8830	8863	121.94	100	100	95.17	0.14	0.52	
8831	8864	106.55	100	100	121.05	0.18	0.81	
8832	8865	135.98	100	100	109.94	0.16	0.68	
8833	8866	315.69	100	100	103.46	0.15	0.61	
8834	8867	74.61	100	100	68.14	0.1	0.28	
8835	8868	84.24	100	100	105.42	0.16	0.63	
8836	8869	78.82	100	100	109.28	0.16	0.67	
8837	8870	48.55	100	100	26.13	0.04	0.05	
8838	8871	96.6	100	100	24.12	0.04	0.04	
8839	8872	36.45	100	100	48.32	0.07	0.15	
8840	8873	45.32	100	100	234.10	0.34	2.76	
8841	8874	39.39	100	100	228.20	0.34	2.63	
8842	8875	102.69	100	100	83.20	0.12	0.41	
8843	8876	76.26	100	100	34.16	0.05	0.08	
8844	8877	382.22	100	100	0.00	0	0	
8845	8878	64.32	100	100	165.60	0.24	1.45	
8846	8879	11.95	100	100	167.98	0.25	1.49	
8847	8880	95.09	100	100	167.82	0.25	1.49	
8848	8881	29.69	100	100	15.19	0.02	0.02	
8849	8882	52.39	100	100	19.42	0.03	0.03	
8850	8883	87.99	100	100	9.89	0.01	0.01	
8851	8884	50.78	100	100	73.93	0.11	0.33	
8852	8885	50.95	100	100	30.52	0.04	0.06	
8853	8886	233.95	100	100	128.33	0.19	0.91	
8854	8887	33.91	100	100	291.36	0.43	4.14	
8855	8888	98.03	100	100	21.96	0.03	0.03	
8856	8889	31.25	100	100	43.29	0.06	0.12	
8857	8890	41.18	100	100	79.56	0.12	0.37	
8858	8891	70.04	100	100	333.39	0.49	5.31	
8859	8892	79.43	100	100	40.56	0.06	0.11	
8860	8893	164.32	100	100	176.80	0.26	1.64	
8861	8894	72.3	100	100	122.09	0.18	0.83	
8862	8895	48.32	100	100	39.93	0.06	0.1	
8863	8896	73.27	100	100	67.85	0.1	0.28	
8864	8897	61.95	100	100	853.32	1.26	30.27	
8865	8898	58.37	100	100	248.88	0.37	3.09	
8866	8899	231.51	100	100	185.73	0.27	1.8	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
8867	8900	48.09	100	100	241.50	0.36	2.92	
8868	8901	58.52	100	100	148.53	0.22	1.19	
8869	8902	141.8	100	100	177.23	0.26	1.65	
8870	8903	48.63	100	100	97.13	0.14	0.54	
8871	8904	73.26	100	100	191.25	0.28	1.9	
8872	8905	112.26	100	100	13.84	0.02	0.01	
8873	8906	39.13	100	100	66.16	0.1	0.27	
8874	8907	34.06	100	100	56.11	0.08	0.2	
8875	8908	45.97	100	100	92.23	0.14	0.49	
8876	8909	53.61	100	100	52.68	0.08	0.17	
8877	8910	77.55	100	100	7.45	0.01	0	
8878	8911	48.27	100	100	108.43	0.16	0.66	
8879	8912	85.51	100	100	24.58	0.04	0.04	
8880	8913	58.81	100	100	123.04	0.18	0.84	
8881	8914	65.18	100	100	109.99	0.16	0.68	
8882	8915	26.96	100	100	22.94	0.03	0.04	
8883	8916	3.64	100	100	29.08	0.04	0.06	
8884	8917	216.87	100	100	71.10	0.1	0.3	
8885	8918	149.88	100	100	42.35	0.06	0.12	
8886	8919	105.65	100	100	53.92	0.08	0.18	
8887	8920	75.99	100	100	14.26	0.02	0.02	
8888	8921	168.67	100	100	22.24	0.03	0.04	
8889	8922	146.09	100	100	43.47	0.06	0.12	
8890	8923	116.99	100	100	49.01	0.07	0.15	
8891	8924	94.61	100	100	58.67	0.09	0.21	
8892	8925	36.85	100	100	80.51	0.12	0.38	
8893	8926	79.61	100	100	37.63	0.06	0.09	
8894	8927	41.71	100	100	66.13	0.1	0.27	
8895	8928	141.43	100	100	34.81	0.05	0.08	
8896	8929	160.51	100	100	14.43	0.02	0.02	
8897	8930	56.9	100	100	18.99	0.03	0.03	
8898	8931	84.95	100	100	21.94	0.03	0.03	
8899	8932	50.35	100	100	46.82	0.07	0.14	
8900	8933	29.8	100	100	6.77	0.01	0	
8901	8934	70.58	100	100	25.17	0.04	0.04	
8902	8935	232.54	100	100	39.93	0.06	0.1	
8903	8936	74.34	100	100	63.55	0.09	0.25	
8904	8937	35.44	100	100	135.44	0.2	1	
8905	8938	50.26	100	100	45.08	0.07	0.13	
8906	8939	24.49	100	100	112.35	0.17	0.71	
8907	8940	56.82	100	100	3.77	0.01	0	
8908	8941	50.83	100	100	116.82	0.17	0.76	
8909	8942	43.91	100	100	77.86	0.11	0.36	
8910	8943	235.39	100	100	182.11	0.27	1.73	
8911	8944	33.44	100	100	37.94	0.06	0.09	
8912	8945	39.42	100	100	154.10	0.23	1.27	
8913	8946	57.9	100	100	0.05	0	0	
8914	8947	62.69	100	100	5.49	0.01	0	
8915	8948	40.77	100	100	133.88	0.2	0.98	
8916	8949	26.54	100	100	115.45	0.17	0.74	
8917	8950	52.2	100	100	9.40	0.01	0.01	
8918	8951	40.05	100	100	66.71	0.1	0.27	
8919	8952	35.95	100	100	0.37	0	0	
8920	8953	53.58	100	100	56.27	0.08	0.2	
8921	8954	22.26	100	100	280.00	0.41	3.84	
8922	8955	129.01	100	100	82.86	0.12	0.4	
8923	8956	59.14	100	100	76.18	0.11	0.35	
8924	8957	330.38	100	100	155.29	0.23	1.29	
8925	8958	71.76	100	100	0.00	0	0	
8926	8959	117.56	100	100	57.77	0.09	0.21	
8927	8960	214.39	100	100	20.39	0.03	0.03	
8928	8961	111.13	100	100	54.51	0.08	0.19	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
8929	8962	103.26	100	100	18.21	0.03	0.02	
8930	8963	86.46	100	100	5.38	0.01	0	
8931	8964	11.07	100	100	66.27	0.1	0.27	
8932	8965	38.68	100	100	198.94	0.29	2.04	
8933	8966	51.25	100	100	198.12	0.29	2.03	
8934	8967	54.32	100	100	82.68	0.12	0.4	
8935	8968	206.56	100	100	59.50	0.09	0.22	
8936	8969	111.55	100	100	46.30	0.07	0.14	
8937	8970	97.62	100	100	38.65	0.06	0.1	
8938	8971	51.69	100	100	15.29	0.02	0.02	
8939	8972	70.64	100	100	21.59	0.03	0.03	
8940	8973	101.8	100	100	33.93	0.05	0.08	
8941	8974	101.11	100	100	132.69	0.2	0.96	
8942	8975	113.09	100	100	43.74	0.06	0.12	
8943	8976	15.64	100	100	149.21	0.22	1.2	
8944	8977	132.68	100	100	128.92	0.19	0.91	
8945	8978	116.08	100	100	15.86	0.02	0.02	
8946	8979	53.73	100	100	0.00	0	0	
8947	8980	37.47	100	100	58.38	0.09	0.21	
8948	8981	38.27	100	100	75.27	0.11	0.34	
8949	8982	42.8	100	100	36.42	0.05	0.09	
8950	8983	52.48	100	100	24.55	0.04	0.04	
8951	8984	52.42	100	100	45.42	0.07	0.13	
8952	8985	85.3	100	100	8.55	0.01	0.01	
8953	8986	200.19	100	100	33.52	0.05	0.08	
8954	8987	42.53	100	100	57.25	0.08	0.2	
8955	8988	80	100	100	11.06	0.02	0.01	
8956	8989	47.41	100	100	228.12	0.34	2.63	
8957	8990	48.42	100	100	156.29	0.23	1.31	
8958	8991	42.68	100	100	58.97	0.09	0.21	
8959	8992	47.28	100	100	81.02	0.12	0.39	
8960	8993	231.89	100	100	14.97	0.02	0.02	
8961	8994	105.88	100	100	18.86	0.03	0.03	
8962	8995	212.19	100	100	42.45	0.06	0.12	
8963	8996	45.22	100	100	5.73	0.01	0	
8964	8997	55.04	100	100	211.17	0.31	2.28	
8965	8998	56.03	100	100	11.86	0.02	0.01	
8966	8999	89.87	100	100	18.27	0.03	0.02	
8967	9000	39.21	100	100	87.36	0.13	0.44	
8968	9001	87.42	100	100	134.21	0.2	0.98	
8969	9002	95.68	100	100	44.67	0.07	0.13	
8970	9003	23.15	100	100	71.90	0.11	0.31	
8971	9004	69.49	100	100	25.66	0.04	0.05	
8972	9005	91.13	100	100	9.93	0.01	0.01	
8973	9006	61.26	100	100	22.85	0.03	0.04	
8974	9007	72.11	100	100	28.18	0.04	0.05	
8975	9008	22.2	100	100	71.88	0.11	0.31	
8976	9009	85.48	100	100	113.36	0.17	0.72	
8977	9010	61.86	100	100	45.77	0.07	0.13	
8978	9011	72.02	100	100	15.66	0.02	0.02	
8979	9012	49.31	100	100	15.85	0.02	0.02	
8980	9013	56.32	100	100	33.23	0.05	0.07	
8981	9014	19.26	100	100	447.14	0.66	9.15	
8982	9015	23.06	100	100	280.92	0.41	3.87	
8983	9016	31.19	100	100	21.83	0.03	0.03	
8984	9017	112.91	100	100	110.62	0.16	0.69	
8985	9018	25.5	100	100	251.39	0.37	3.15	
8986	9019	166.21	100	100	44.92	0.07	0.13	
8987	9020	2.55	100	100	495.11	0.73	11.05	
8988	9021	269.56	100	100	139.01	0.2	1.05	
8989	9022	160.99	100	100	48.19	0.07	0.15	
8990	9023	179.24	100	100	138.32	0.2	1.04	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
8991	9024	48.8	100	100	55.09	0.08	0.19	
8992	9025	96.67	100	100	8.37	0.01	0.01	
8993	9026	51.1	100	100	114.64	0.17	0.74	
8994	9027	19.58	100	100	100.83	0.15	0.58	
8995	9028	95.21	100	100	5.39	0.01	0	
8996	9029	265.76	100	100	2.08	0	0	
8997	9030	41.59	100	100	1.90	0	0	
8998	9031	36.27	100	100	4.00	0.01	0	
8999	9032	113.17	100	100	18.87	0.03	0.03	
9000	9033	131.49	100	100	17.45	0.03	0.02	
9001	9034	118.99	100	100	25.54	0.04	0.05	
9002	9035	28.99	100	100	13.85	0.02	0.01	
9003	9036	45.83	100	100	52.03	0.08	0.17	
9004	9037	110.56	100	100	53.44	0.08	0.18	
9005	9038	38.59	100	100	31.08	0.05	0.07	
9006	9039	46.48	100	100	153.52	0.23	1.26	
9007	9040	47.5	100	100	150.49	0.22	1.22	
9008	9041	38.42	100	100	101.97	0.15	0.59	
9009	9042	111.88	100	100	66.51	0.1	0.27	
9010	9043	39.98	100	100	108.64	0.16	0.67	
9011	9044	112.14	100	100	24.00	0.04	0.04	
9012	9045	112.04	100	100	29.76	0.04	0.06	
9013	9046	11.19	100	100	5.16	0.01	0	
9014	9047	34.34	100	100	1.27	0	0	
9015	9048	36.55	100	100	8.03	0.01	0.01	
9016	9049	38.77	100	100	73.34	0.11	0.32	
9017	9050	95.57	100	100	46.41	0.07	0.14	
9018	9051	78.4	100	100	32.45	0.05	0.07	
9019	9052	79.67	100	100	49.65	0.07	0.16	
9020	9053	11.22	100	100	99.44	0.15	0.57	
9021	9054	224.83	100	100	80.78	0.12	0.38	
9022	9055	43.19	100	100	21.71	0.03	0.03	
9023	9056	46.48	100	100	20.61	0.03	0.03	
9024	9057	51.88	100	100	60.04	0.09	0.22	
9025	9058	17.31	100	100	60.02	0.09	0.22	
9026	9059	61.17	100	100	66.13	0.1	0.27	
9027	9060	87.15	100	100	0.74	0	0	
9028	9061	64.38	100	100	40.89	0.06	0.11	
9029	9062	29.1	100	100	19.22	0.03	0.03	
9030	9063	40.83	100	100	12.57	0.02	0.01	
9031	9064	40.98	100	100	92.74	0.14	0.5	
9032	9065	41.6	100	100	44.78	0.07	0.13	
9033	9066	35.58	100	100	42.40	0.06	0.12	
9034	9067	214.03	100	100	35.86	0.05	0.09	
9035	9068	46.45	100	100	170.21	0.25	1.53	
9036	9069	56.29	100	100	26.48	0.04	0.05	
9037	9070	107.83	100	100	14.93	0.02	0.02	
9038	9071	102.5	100	100	83.43	0.12	0.41	
9039	9072	101.52	100	100	206.04	0.3	2.18	
9040	9073	415.13	100	100	0.29	0	0	
9041	9074	56.39	100	100	8.17	0.01	0.01	
9042	9075	79.17	100	100	66.81	0.1	0.27	
9043	9076	108.05	100	100	29.10	0.04	0.06	
9044	9077	94.74	100	100	23.72	0.03	0.04	
9045	9078	79.65	100	100	6.00	0.01	0	
9046	9079	77.77	100	100	145.28	0.21	1.14	
9047	9080	134.76	100	100	135.72	0.2	1.01	
9048	9081	90.08	100	100	49.42	0.07	0.15	
9049	9082	41.38	100	100	37.58	0.06	0.09	
9050	9083	40.02	100	100	49.36	0.07	0.15	
9051	9084	71.4	100	100	342.19	0.5	5.57	
9052	9085	1.54	100	100	128.30	0.19	0.91	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
9053	9086	107.74	100	100	149.90	0.22	1.21	
9054	9087	93.5	100	100	6.18	0.01	0	
9055	9088	187.75	100	100	59.27	0.09	0.22	
9056	9089	271.49	100	100	42.18	0.06	0.12	
9057	9090	97.34	100	100	4.01	0.01	0	
9058	9091	101.69	100	100	11.18	0.02	0.01	
9059	9092	106.64	100	100	4.24	0.01	0	
9060	9093	101.09	100	100	6.20	0.01	0	
9061	9094	50.59	100	100	48.86	0.07	0.15	
9062	9095	74.78	100	100	68.98	0.1	0.29	
9063	9096	92.83	100	100	7.81	0.01	0.01	
9064	9097	62.74	100	100	55.34	0.08	0.19	
9065	9098	18.53	100	100	81.05	0.12	0.39	
9066	9099	53.57	100	100	18.43	0.03	0.02	
9067	9100	81.89	100	100	40.94	0.06	0.11	
9068	9101	76.1	100	100	20.33	0.03	0.03	
9069	9102	42.75	100	100	11.97	0.02	0.01	
9070	9103	44.36	100	100	10.68	0.02	0.01	
9071	9104	84.2	100	100	2.45	0	0	
9072	9105	41.01	100	100	7.31	0.01	0	
9073	9106	101.46	100	100	14.14	0.02	0.02	
9074	9107	42.87	100	100	9.19	0.01	0.01	
9075	9108	186.44	100	100	24.97	0.04	0.04	
9076	9109	48.03	100	100	6.54	0.01	0	
9077	9110	94.78	100	100	55.20	0.08	0.19	
9078	9111	48.63	100	100	21.44	0.03	0.03	
9079	9112	64.68	100	100	24.62	0.04	0.04	
9080	9113	78.04	100	100	0.39	0	0	
9081	9114	39.43	100	100	46.99	0.07	0.14	
9082	9115	84.33	100	100	28.54	0.04	0.06	
9083	9116	73.89	100	100	28.19	0.04	0.05	
9084	9117	186.44	100	100	34.26	0.05	0.08	
9085	9118	75.84	100	100	22.67	0.03	0.04	
9086	9119	75.14	100	100	10.31	0.02	0.01	
9087	9120	94.41	100	100	14.51	0.02	0.02	
9088	9121	73.37	100	100	27.35	0.04	0.05	
9089	9122	54.15	100	100	56.21	0.08	0.2	
9090	9123	41.8	100	100	93.72	0.14	0.51	
9091	9124	34.98	100	100	63.89	0.09	0.25	
9092	9125	106.25	100	100	98.87	0.15	0.56	
9093	9126	73.26	100	100	4.24	0.01	0	
9094	9127	56.08	100	100	100.59	0.15	0.58	
9095	9128	31.64	100	100	106.74	0.16	0.64	
9096	9129	48.85	100	100	33.15	0.05	0.07	
9097	9130	81.52	100	100	15.41	0.02	0.02	
9098	9131	96.81	100	100	10.07	0.01	0.01	
9099	9132	109.21	100	100	4.48	0.01	0	
9100	9133	44.06	100	100	125.05	0.18	0.86	
9101	9134	54.49	100	100	122.80	0.18	0.84	
9102	9135	57.38	100	100	53.61	0.08	0.18	
9103	9136	75.4	100	100	53.55	0.08	0.18	
9104	9137	142.32	100	100	52.08	0.08	0.17	
9105	9138	9.9	100	100	48.00	0.07	0.15	
9106	9139	46.93	100	100	73.43	0.11	0.32	
9107	9140	50.28	100	100	92.15	0.14	0.49	
9108	9141	94.56	100	100	107.16	0.16	0.65	
9109	9142	45.13	100	100	63.05	0.09	0.24	
9110	9143	44.14	100	100	156.73	0.23	1.31	
9111	9144	42.37	100	100	79.99	0.12	0.38	
9112	9145	110.88	100	100	41.22	0.06	0.11	
9113	9146	43.49	100	100	16.46	0.02	0.02	
9114	9147	111.31	100	100	24.26	0.04	0.04	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
9115	9148	195.08	100	100	17.93	0.03	0.02	
9116	9149	116.82	100	100	115.24	0.17	0.74	
9117	9150	58.1	100	100	20.20	0.03	0.03	
9118	9151	117.25	100	100	112.81	0.17	0.71	
9119	9152	126.17	100	100	62.47	0.09	0.24	
9120	9153	86.56	100	100	29.63	0.04	0.06	
9121	9154	43.68	100	100	26.29	0.04	0.05	
9122	9155	160.52	100	100	86.70	0.13	0.44	
9123	9156	125.53	100	100	297.21	0.44	4.29	
9124	9157	134.12	100	100	89.06	0.13	0.46	
9125	9158	70.65	100	100	79.58	0.12	0.37	
9126	9159	81.78	100	100	81.71	0.12	0.39	
9127	9160	61.28	100	100	12.52	0.02	0.01	
9128	9161	91.79	100	100	71.71	0.11	0.31	
9129	9162	71.39	100	100	12.53	0.02	0.01	
9130	9163	48.92	100	100	73.25	0.11	0.32	
9131	9164	76.93	100	100	45.85	0.07	0.13	
9132	9165	56.05	100	100	95.96	0.14	0.53	
9133	9166	81.3	100	100	38.78	0.06	0.1	
9134	9167	18.69	100	100	112.61	0.17	0.71	
9135	9168	128.55	100	100	28.24	0.04	0.05	
9136	9169	32.31	100	100	66.05	0.1	0.26	
9137	9170	83.64	100	100	16.77	0.02	0.02	
9138	9171	94.88	100	100	12.21	0.02	0.01	
9139	9172	111.62	100	100	21.87	0.03	0.03	
9140	9173	37.38	100	100	19.08	0.03	0.03	
9141	9174	40.42	100	100	55.78	0.08	0.19	
9142	9175	76.01	100	100	18.70	0.03	0.03	
9143	9176	75.18	100	100	22.54	0.03	0.04	
9144	9177	27.34	100	100	29.14	0.04	0.06	
9145	9178	32.96	100	100	15.00	0.02	0.02	
9146	9179	50.11	100	100	36.37	0.05	0.09	
9147	9180	86.57	100	100	18.48	0.03	0.03	
9148	9181	74.81	100	100	43.19	0.06	0.12	
9149	9182	47.5	100	100	36.50	0.05	0.09	
9150	9183	54.48	100	100	61.17	0.09	0.23	
9151	9184	72.94	100	100	24.57	0.04	0.04	
9152	9185	95.88	100	100	5.26	0.01	0	
9153	9186	29.41	100	100	60.77	0.09	0.23	
9154	9187	66.41	100	100	41.08	0.06	0.11	
9155	9188	55.23	100	100	55.64	0.08	0.19	
9156	9189	87.57	100	100	35.29	0.05	0.08	
9157	9190	12.48	100	100	13.23	0.02	0.01	
9158	9191	57.36	100	100	16.60	0.02	0.02	
9159	9192	87.96	100	100	90.14	0.13	0.47	
9160	9193	87.27	100	100	52.45	0.08	0.17	
9161	9194	56.98	100	100	75.39	0.11	0.34	
9162	9195	99.26	100	100	23.97	0.04	0.04	
9163	9196	111.9	100	100	31.40	0.05	0.07	
9164	9197	44.08	100	100	65.32	0.1	0.26	
9165	9198	28.62	100	100	9.58	0.01	0.01	
9166	9199	48.36	100	100	23.19	0.03	0.04	
9167	9200	81.55	100	100	24.92	0.04	0.04	
9168	9201	49.29	100	100	13.07	0.02	0.01	
9169	9202	37.6	100	100	5.29	0.01	0	
9170	9203	176.05	100	100	56.76	0.08	0.2	
9171	9204	48.46	100	100	49.54	0.07	0.16	
9172	9205	45.18	100	100	42.53	0.06	0.12	
9173	9206	109.45	100	100	79.40	0.12	0.37	
9174	9207	85.37	100	100	139.18	0.21	1.05	
9175	9208	46.79	100	100	2.87	0	0	
9176	9209	47.92	100	100	55.75	0.08	0.19	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
9177	9210	58.5	100	100	138.16	0.2	1.04	
9178	9211	53.7	100	100	97.22	0.14	0.54	
9179	9212	50.07	100	100	246.29	0.36	3.03	
9180	9213	145.05	100	100	38.04	0.06	0.1	
9181	9214	58.75	100	100	335.37	0.49	5.37	
9182	9215	99.78	100	100	34.44	0.05	0.08	
9183	9216	39.89	100	100	22.22	0.03	0.04	
9184	9217	27.53	100	100	29.18	0.04	0.06	
9185	9218	40.53	100	100	97.79	0.14	0.55	
9186	9219	156.02	100	100	55.03	0.08	0.19	
9187	9220	47.77	100	100	126.13	0.19	0.88	
9188	9221	132.23	100	100	108.71	0.16	0.67	
9189	9222	81.64	100	100	89.53	0.13	0.47	
9190	9223	42.52	100	100	92.61	0.14	0.5	
9191	9224	50.89	100	100	25.29	0.04	0.04	
9192	9225	109.54	100	100	53.73	0.08	0.18	
9193	9226	214.04	100	100	22.74	0.03	0.04	
9194	9227	99.38	100	100	8.44	0.01	0.01	
9195	9228	83.83	100	100	21.12	0.03	0.03	
9196	9229	46.53	100	100	102.24	0.15	0.59	
9197	9230	101.18	100	100	20.33	0.03	0.03	
9198	9231	30.32	100	100	66.26	0.1	0.27	
9199	9232	102.59	100	100	15.68	0.02	0.02	
9200	9233	43.06	100	100	61.37	0.09	0.23	
9201	9234	54.65	100	100	144.21	0.21	1.12	
9202	9235	83.81	100	100	82.58	0.12	0.4	
9203	9236	55.26	100	100	126.95	0.19	0.89	
9204	9237	69.62	100	100	46.60	0.07	0.14	
9205	9238	29.5	100	100	26.16	0.04	0.05	
9206	9239	49.94	100	100	108.23	0.16	0.66	
9207	9240	217.1	100	100	3.33	0	0	
9208	9241	57.03	100	100	8.65	0.01	0.01	
9209	9242	87.42	100	100	12.61	0.02	0.01	
9210	9243	107.64	100	100	13.80	0.02	0.01	
9211	9244	39.2	100	100	18.97	0.03	0.03	
9212	9245	138.71	100	100	0.70	0	0	
9213	9246	86.36	100	100	30.65	0.05	0.06	
9214	9247	43.52	100	100	52.14	0.08	0.17	
9215	9248	105.66	100	100	91.66	0.14	0.49	
9216	9249	86.49	100	100	108.13	0.16	0.66	
9217	9250	36.49	100	100	110.94	0.16	0.69	
9218	9251	88.35	100	100	83.65	0.12	0.41	
9219	9252	96.9	100	100	79.22	0.12	0.37	
9220	9253	17.83	100	100	156.06	0.23	1.3	
9221	9254	18.03	100	100	9.76	0.01	0.01	
9222	9255	114.23	100	100	42.01	0.06	0.11	
9223	9256	122	100	100	2.40	0	0	
9224	9257	112.24	100	100	35.84	0.05	0.09	
9225	9258	73.96	100	100	14.82	0.02	0.02	
9226	9259	68.48	100	100	30.64	0.05	0.06	
9227	9260	60.99	100	100	73.96	0.11	0.33	
9228	9261	46.16	100	100	221.63	0.33	2.49	
9229	9262	93.17	100	100	86.73	0.13	0.44	
9230	9263	122.82	100	100	26.64	0.04	0.05	
9231	9264	50.96	100	100	171.71	0.25	1.55	
9232	9265	96.86	100	100	7.82	0.01	0.01	
9233	9266	110.96	100	100	10.71	0.02	0.01	
9234	9267	40.13	100	100	0.01	0	0	
9235	9268	55.87	100	100	16.66	0.02	0.02	
9236	9269	55.51	100	100	18.92	0.03	0.03	
9237	9270	140.03	100	100	4.46	0.01	0	
9238	9271	93.39	100	100	3.86	0.01	0	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
9239	9272	56.41	100	100	4.47	0.01	0	
9240	9273	55.83	100	100	99.83	0.15	0.57	
9241	9274	92.02	100	100	26.86	0.04	0.05	
9242	9275	97.94	100	100	27.75	0.04	0.05	
9243	9276	55.49	100	100	32.46	0.05	0.07	
9244	9277	52.3	100	100	51.25	0.08	0.17	
9245	9279	49.28	100	100	78.59	0.12	0.37	
9246	9280	97.15	100	100	3.18	0	0	
9247	9281	100.68	100	100	32.17	0.05	0.07	
9248	9282	58.44	100	100	29.88	0.04	0.06	
9249	9283	108.57	100	100	94.70	0.14	0.52	
9250	9284	63.54	100	100	466.01	0.69	9.87	
9251	9285	157.75	100	100	214.07	0.32	2.34	
9252	9286	111.33	100	100	113.53	0.17	0.72	
9253	9287	192.04	100	100	165.86	0.24	1.46	
9254	9288	226.14	100	100	12.05	0.02	0.01	
9255	9289	101.25	100	100	13.27	0.02	0.01	
9256	9290	147.2	100	100	18.55	0.03	0.03	
9257	9291	57.49	100	100	130.23	0.19	0.93	
9258	9292	96.96	100	100	35.11	0.05	0.08	
9259	9293	55.81	100	100	66.89	0.1	0.27	
9260	9294	51.39	100	100	45.90	0.07	0.13	
9261	9295	59.66	100	100	219.71	0.32	2.45	
9262	9296	57.14	100	100	49.17	0.07	0.15	
9263	9297	53.67	100	100	109.94	0.16	0.68	
9264	9298	42.31	100	100	30.85	0.05	0.06	
9265	9299	388.15	100	100	3.02	0	0	
9266	9300	73.24	100	100	1.74	0	0	
9267	9301	0.86	100	100	32.19	0.05	0.06	
9268	9302	98.85	100	100	15.62	0.02	0.02	
9269	9303	45.09	100	100	2.37	0	0	
9270	9304	38.69	100	100	108.60	0.16	0.67	
9271	9305	83.24	100	100	48.99	0.07	0.15	
9272	9306	125	100	100	116.10	0.17	0.75	
9273	9307	89.95	100	100	32.91	0.05	0.07	
9274	9308	106.41	100	100	46.32	0.07	0.14	
9275	9309	54	100	100	74.14	0.11	0.33	
9276	9310	43.05	100	100	100.54	0.15	0.58	
9277	9311	35.69	100	100	5.92	0.01	0	
9278	9312	62.38	100	100	60.78	0.09	0.23	
9279	9313	109.35	100	100	35.87	0.05	0.09	
9280	9314	30.69	100	100	68.20	0.1	0.28	
9281	9315	48.59	100	100	67.13	0.1	0.27	
9282	9316	197.85	100	100	13.33	0.02	0.01	
9283	9317	48.83	100	100	40.89	0.06	0.11	
9284	9318	38.11	100	100	63.29	0.09	0.24	
9285	9319	48.88	100	100	27.87	0.04	0.05	
9286	9320	28.7	100	100	5.04	0.01	0	
9287	9321	184.79	100	100	19.77	0.03	0.03	
9288	9322	137.94	100	100	39.21	0.06	0.1	
9289	9323	35.55	100	100	29.27	0.04	0.06	
9290	9324	107.83	100	100	73.65	0.11	0.32	
9291	9325	83.11	100	100	8.48	0.01	0.01	
9292	9326	102.81	100	100	22.91	0.03	0.04	
9293	9327	40.26	100	100	84.49	0.12	0.42	
9294	9328	34	100	100	131.59	0.19	0.95	
9295	9329	40.44	100	100	36.04	0.05	0.09	
9296	9330	52.36	100	100	36.38	0.05	0.09	
9297	9331	160.09	100	100	8.20	0.01	0.01	
9298	9332	159.38	100	100	5.42	0.01	0	
9299	9333	40.23	100	100	7.11	0.01	0	
9300	9334	40.8	100	100	6.54	0.01	0	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
9301	9335	48.99	100	100	23.49	0.03	0.04	
9302	9336	47.58	100	100	26.37	0.04	0.05	
9303	9337	37.5	100	100	14.00	0.02	0.01	
9304	9338	52.7	100	100	8.63	0.01	0.01	
9305	9339	43.24	100	100	0.82	0	0	
9306	9340	59.83	100	100	239.89	0.35	2.89	
9307	9341	225.66	100	100	96.57	0.14	0.54	
9308	9342	209.46	100	100	64.74	0.1	0.26	
9309	9343	173.48	100	100	55.79	0.08	0.19	
9310	9344	140.5	100	100	141.03	0.21	1.08	
9311	9345	119.81	100	100	114.51	0.17	0.73	
9312	9346	60.88	100	100	91.05	0.13	0.48	
9313	9347	155.34	100	100	103.82	0.15	0.61	
9314	9348	190.25	100	100	91.39	0.13	0.48	
9315	9349	47.92	100	100	29.10	0.04	0.06	
9316	9350	52.23	100	100	2.10	0	0	
9317	9351	127.84	100	100	44.80	0.07	0.13	
9318	9352	36.71	100	100	57.85	0.09	0.21	
9319	9353	40.65	100	100	0.48	0	0	
9320	9354	45.63	100	100	9.31	0.01	0.01	
9321	9355	58.37	100	100	3.41	0.01	0	
9322	9356	52.24	100	100	256.21	0.38	3.26	
9323	9357	23.26	100	100	193.24	0.28	1.93	
9324	9358	71.85	100	100	41.68	0.06	0.11	
9325	9359	31.41	100	100	103.46	0.15	0.61	
9326	9360	37.31	100	100	2.09	0	0	
9327	9361	59.96	100	100	44.74	0.07	0.13	
9328	9362	75.79	100	100	5.52	0.01	0	
9329	9363	64.68	100	100	19.11	0.03	0.03	
9330	9364	69.34	100	100	13.44	0.02	0.01	
9331	9365	150.19	100	100	11.03	0.02	0.01	
9332	9366	65.3	100	100	22.71	0.03	0.04	
9333	9367	183.38	100	100	46.79	0.07	0.14	
9334	9368	61.4	100	100	26.68	0.04	0.05	
9335	9369	124.75	100	100	20.72	0.03	0.03	
9336	9370	47.84	100	100	198.59	0.29	2.03	
9337	9371	94.11	100	100	6.52	0.01	0	
9338	9372	64.04	100	100	49.08	0.07	0.15	
9339	9373	275.66	100	100	65.63	0.1	0.26	
9340	9374	55.2	100	100	6.48	0.01	0	
9341	9375	62.2	100	100	176.42	0.26	1.63	
9342	9376	57.86	100	100	44.48	0.07	0.13	
9343	9377	89.54	100	100	174.67	0.26	1.6	
9344	9378	49.4	100	100	75.52	0.11	0.34	
9345	9379	97.55	100	100	19.26	0.03	0.03	
9346	9380	71.72	100	100	63.28	0.09	0.24	
9347	9381	97.08	100	100	5.84	0.01	0	
9348	9382	138.88	100	100	3.43	0.01	0	
9349	9383	53.27	100	100	12.76	0.02	0.01	
9350	9384	57.35	100	100	36.59	0.05	0.09	
9351	9385	244.69	100	100	7.75	0.01	0	
9352	9386	225.63	100	100	13.38	0.02	0.01	
9353	9387	56.26	100	100	135.89	0.2	1.01	
9354	9388	162.2	100	100	50.69	0.07	0.16	
9355	9389	201.25	100	100	56.96	0.08	0.2	
9356	9390	98.07	100	100	35.04	0.05	0.08	
9357	9391	78.23	100	100	18.28	0.03	0.02	
9358	9392	45.35	100	100	178.48	0.26	1.67	
9359	9393	66.34	100	100	146.34	0.22	1.16	
9360	9394	92.38	100	100	117.31	0.17	0.77	
9361	9395	229.5	100	100	36.62	0.05	0.09	
9362	9396	80.05	100	100	133.57	0.2	0.98	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
9363	9397	1649.56	100	100	4.87	0.01	0	
9364	9398	57.69	100	100	24.75	0.04	0.04	
9365	9399	350.86	100	100	29.86	0.04	0.06	
9366	9400	99.84	100	100	131.91	0.19	0.95	
9367	9401	91.75	100	100	32.75	0.05	0.07	
9368	9402	191.03	100	100	119.48	0.18	0.79	
9369	9403	126.69	100	100	59.63	0.09	0.22	
9370	9404	47.19	100	100	7.19	0.01	0	
9371	9405	63.12	100	100	153.88	0.23	1.27	
9372	9406	5.36	100	100	116.33	0.17	0.75	
9373	9407	52.93	100	100	108.56	0.16	0.66	
9374	9408	126.98	100	100	72.52	0.11	0.31	
9375	9409	49.09	100	100	3.79	0.01	0	
9376	9410	76.23	100	100	94.64	0.14	0.52	
9377	9411	79.75	100	100	76.95	0.11	0.35	
9378	9412	123.19	100	100	84.73	0.12	0.42	
9379	9413	58.32	100	100	170.23	0.25	1.53	
9380	9414	33.05	100	100	176.54	0.26	1.64	
9381	9415	106.92	100	100	91.00	0.13	0.48	
9382	9416	66.04	100	100	96.82	0.14	0.54	
9383	9417	73.12	100	100	51.23	0.08	0.17	
9384	9418	50.76	100	100	107.40	0.16	0.65	
9385	9419	127.33	100	100	76.87	0.11	0.35	
9386	9420	112.22	100	100	58.18	0.09	0.21	
9387	9421	95.12	100	100	27.48	0.04	0.05	
9388	9422	9.54	100	100	82.35	0.12	0.4	
9389	9423	35.12	100	100	44.58	0.07	0.13	
9390	9424	30.7	100	100	19.78	0.03	0.03	
9391	9425	134.32	100	100	6.41	0.01	0	
9392	9426	44.83	100	100	13.46	0.02	0.01	
9393	9427	55.82	100	100	27.46	0.04	0.05	
9394	9428	60.57	100	100	18.67	0.03	0.03	
9395	9429	52.33	100	100	5.00	0.01	0	
9396	9430	84.71	100	100	62.82	0.09	0.24	
9397	9431	117.89	100	100	4.29	0.01	0	
9398	9432	256.26	100	100	61.72	0.09	0.23	
9399	9433	181.37	100	100	14.56	0.02	0.02	
9400	9434	59.27	100	100	23.63	0.03	0.04	
9401	9435	230.89	100	100	66.85	0.1	0.27	
9402	9436	52.89	100	100	106.52	0.16	0.64	
9403	9437	130.08	100	100	15.02	0.02	0.02	
9404	9438	129.62	100	100	35.56	0.05	0.08	
9405	9439	47.62	100	100	40.43	0.06	0.11	
9406	9440	134.37	100	100	19.00	0.03	0.03	
9407	9441	134.2	100	100	13.96	0.02	0.01	
9408	9442	51.42	100	100	66.16	0.1	0.27	
9409	9443	102.45	100	100	46.60	0.07	0.14	
9410	9444	87.94	100	100	39.20	0.06	0.1	
9411	9445	128.84	100	100	21.04	0.03	0.03	
9412	9446	49.18	100	100	19.05	0.03	0.03	
9413	9447	68.92	100	100	50.06	0.07	0.16	
9414	9448	137.62	100	100	34.09	0.05	0.08	
9415	9449	138.12	100	100	34.52	0.05	0.08	
9416	9450	133.53	100	100	9.84	0.01	0.01	
9417	9451	100.48	100	100	7.00	0.01	0	
9418	9452	83.88	100	100	28.32	0.04	0.06	
9419	9453	156.82	100	100	69.85	0.1	0.29	
9420	9454	58	100	100	41.23	0.06	0.11	
9421	9455	46.93	100	100	93.40	0.14	0.5	
9422	9456	58.41	100	100	177.41	0.26	1.65	
9423	9457	48.6	100	100	96.94	0.14	0.54	
9424	9458	104.48	100	100	21.68	0.03	0.03	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
9425	9459	176.69	100	100	51.50	0.08	0.17	
9426	9460	91.18	100	100	197.87	0.29	2.02	
9427	9461	344.5	100	100	110.23	0.16	0.68	
9428	9462	31.36	100	100	344.26	0.51	5.64	
9429	9463	29.79	100	100	11.04	0.02	0.01	
9430	9464	56.22	100	100	21.15	0.03	0.03	
9431	9465	36.81	100	100	87.93	0.13	0.45	
9432	9466	70.67	100	100	166.59	0.25	1.47	
9433	9467	69.1	100	100	94.47	0.14	0.51	
9434	9468	116.84	100	100	91.93	0.14	0.49	
9435	9469	56.01	100	100	3.28	0	0	
9436	9470	117.7	100	100	81.77	0.12	0.39	
9437	9471	66.04	100	100	34.54	0.05	0.08	
9438	9472	20.29	100	100	187.24	0.28	1.82	
9439	9473	50.54	100	100	134.85	0.2	0.99	
9440	9474	91.16	100	100	62.14	0.09	0.24	
9441	9475	121.07	100	100	128.73	0.19	0.91	
9442	9476	177.65	100	100	21.06	0.03	0.03	
9443	9477	192.58	100	100	119.15	0.18	0.79	
9444	9478	169.63	100	100	78.43	0.12	0.36	
9445	9479	66.58	100	100	70.86	0.1	0.3	
9446	9480	55.02	100	100	52.39	0.08	0.17	
9447	9481	37.17	100	100	152.23	0.22	1.24	
9448	9482	91.67	100	100	34.76	0.05	0.08	
9449	9483	27.64	100	100	128.92	0.19	0.91	
9450	9484	36.51	100	100	118.17	0.17	0.78	
9451	9485	161.74	100	100	127.31	0.19	0.89	
9452	9486	50.92	100	100	49.24	0.07	0.15	
9453	9487	80.81	100	100	61.44	0.09	0.23	
9454	9488	44.47	100	100	41.48	0.06	0.11	
9455	9489	40.31	100	100	126.37	0.19	0.88	
9456	9490	96.45	100	100	55.25	0.08	0.19	
9457	9491	85.8	100	100	37.15	0.05	0.09	
9458	9492	82.26	100	100	31.86	0.05	0.07	
9459	9493	78.87	100	100	20.86	0.03	0.03	
9460	9494	112.8	100	100	71.57	0.11	0.31	
9461	9495	166.8	100	100	13.72	0.02	0.01	
9462	9496	151.9	100	100	45.84	0.07	0.13	
9463	9497	22.86	100	100	160.24	0.24	1.37	
9464	9498	184.54	100	100	29.24	0.04	0.06	
9465	9499	42.81	100	100	147.63	0.22	1.17	
9466	9500	45.91	100	100	101.33	0.15	0.58	
9467	9501	57.24	100	100	14.69	0.02	0.02	
9468	9502	101.43	100	100	31.53	0.05	0.07	
9469	9503	59.84	100	100	1.37	0	0	
9470	9504	57.17	100	100	8.33	0.01	0.01	
9471	9505	115.5	100	100	22.95	0.03	0.04	
9472	9506	30.23	100	100	48.75	0.07	0.15	
9473	9507	92.28	100	100	13.70	0.02	0.01	
9474	9508	105.15	100	100	62.60	0.09	0.24	
9475	9509	102.13	100	100	46.95	0.07	0.14	
9476	9510	107.72	100	100	23.80	0.04	0.04	
9477	9511	50.38	100	100	20.31	0.03	0.03	
9478	9512	114.15	100	100	49.07	0.07	0.15	
9479	9513	54.17	100	100	17.37	0.03	0.02	
9480	9514	79.5	100	100	55.04	0.08	0.19	
9481	9515	61.71	100	100	8.05	0.01	0.01	
9482	9516	149.22	100	100	37.65	0.06	0.09	
9483	9517	109.16	100	100	1.79	0	0	
9484	9518	57.68	100	100	86.34	0.13	0.43	
9485	9519	55.37	100	100	58.49	0.09	0.21	
9486	9520	448.82	100	100	1.16	0	0	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
9487	9521	160.06	100	100	22.74	0.03	0.04	
9488	9522	49.48	100	100	29.78	0.04	0.06	
9489	9523	100.54	100	100	43.04	0.06	0.12	
9490	9524	155.95	100	100	56.15	0.08	0.2	
9491	9525	156.47	100	100	63.86	0.09	0.25	
9492	9526	43.19	100	100	25.95	0.04	0.05	
9493	9527	67.03	100	100	118.64	0.17	0.78	
9494	9528	50.18	100	100	75.06	0.11	0.34	
9495	9529	30.38	100	100	64.84	0.1	0.26	
9496	9530	62.15	100	100	41.40	0.06	0.11	
9497	9531	73.75	100	100	119.96	0.18	0.8	
9498	9532	138.84	100	100	57.75	0.09	0.21	
9499	9533	132.51	100	100	0.00	0	0	
9500	9534	159.55	100	100	70.86	0.1	0.3	
9501	9535	1.63	100	100	137.10	0.2	1.03	
9502	9536	111.63	100	100	37.93	0.06	0.09	
9503	9537	27.8	100	100	48.91	0.07	0.15	
9504	9538	21.94	100	100	4.57	0.01	0	
9505	9539	114.36	100	100	52.61	0.08	0.17	
9506	9540	29.25	100	100	46.89	0.07	0.14	
9507	9541	114.52	100	100	46.32	0.07	0.14	
9508	9542	33.87	100	100	31.12	0.05	0.07	
9509	9543	113.34	100	100	47.80	0.07	0.15	
9510	9544	34.75	100	100	24.44	0.04	0.04	
9511	9545	140.86	100	100	89.79	0.13	0.47	
9512	9546	49.98	100	100	33.36	0.05	0.07	
9513	9547	48.06	100	100	41.93	0.06	0.11	
9514	9548	24.61	100	100	31.23	0.05	0.07	
9515	9549	116.74	100	100	38.70	0.06	0.1	
9516	9550	130.59	100	100	96.36	0.14	0.53	
9517	9551	39.45	100	100	39.82	0.06	0.1	
9518	9552	138.69	100	100	24.30	0.04	0.04	
9519	9553	10.7	100	100	3.34	0	0	
9520	9554	429.49	100	100	82.09	0.12	0.4	
9521	9555	44.04	100	100	22.69	0.03	0.04	
9522	9556	111.87	100	100	10.18	0.02	0.01	
9523	9557	50.97	100	100	75.08	0.11	0.34	
9524	9558	51.12	100	100	20.39	0.03	0.03	
9525	9559	111.32	100	100	52.95	0.08	0.18	
9526	9560	54.82	100	100	181.09	0.27	1.71	
9527	9561	31.9	100	100	134.20	0.2	0.98	
9528	9562	35.17	100	100	20.32	0.03	0.03	
9529	9563	55.45	100	100	91.73	0.14	0.49	
9530	9564	54.6	100	100	242.36	0.36	2.94	
9531	9565	37.24	100	100	84.23	0.12	0.42	
9532	9566	24.76	100	100	66.27	0.1	0.27	
9533	9567	72.06	100	100	181.36	0.27	1.72	
9534	9568	47.37	100	100	104.14	0.15	0.62	
9535	9569	74.75	100	100	96.52	0.14	0.53	
9536	9570	56.71	100	100	45.00	0.07	0.13	
9537	9571	33.62	100	100	159.38	0.23	1.35	
9538	9572	104.43	100	100	93.75	0.14	0.51	
9539	9573	107.93	100	100	3.92	0.01	0	
9540	9574	78.69	100	100	48.48	0.07	0.15	
9541	9575	63.38	100	100	153.57	0.23	1.26	
9542	9576	58.89	100	100	87.86	0.13	0.45	
9543	9577	151.24	100	100	119.31	0.18	0.79	
9544	9578	331.68	100	100	4.86	0.01	0	
9545	9579	231.56	100	100	19.16	0.03	0.03	
9546	9580	169.21	100	100	50.08	0.07	0.16	
9547	9581	225.21	100	100	78.65	0.12	0.37	
9548	9582	118.13	100	100	40.72	0.06	0.11	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
9549	9583	42.53	100	100	22.43	0.03	0.04	
9550	9584	27.2	100	100	110.10	0.16	0.68	
9551	9585	98.67	100	100	8.12	0.01	0.01	
9552	9586	75.43	100	100	125.50	0.18	0.87	
9553	9587	153.89	100	100	136.94	0.2	1.02	
9554	9588	19.45	100	100	335.94	0.5	5.39	
9555	9589	618.95	100	100	35.59	0.05	0.08	
9556	9590	253.71	100	100	5.35	0.01	0	
9557	9591	337.4	100	100	89.97	0.13	0.47	
9558	9592	110.76	100	100	61.61	0.09	0.23	
9559	9593	101.79	100	100	79.42	0.12	0.37	
9560	9594	102.92	100	100	98.62	0.15	0.56	
9561	9595	40.36	100	100	178.10	0.26	1.66	
9562	9596	51.48	100	100	60.26	0.09	0.22	
9563	9597	41.3	100	100	62.55	0.09	0.24	
9564	9598	187.21	100	100	66.16	0.1	0.27	
9565	9599	52.36	100	100	156.75	0.23	1.31	
9566	9600	47.06	100	100	17.70	0.03	0.02	
9567	9601	58.99	100	100	56.53	0.08	0.2	
9568	9602	48.14	100	100	122.24	0.18	0.83	
9569	9603	64.37	100	100	142.33	0.21	1.1	
9570	9604	52.58	100	100	69.48	0.1	0.29	
9571	9605	40.74	100	100	21.81	0.03	0.03	
9572	9606	29.34	100	100	78.32	0.12	0.36	
9573	9607	21.15	100	100	35.75	0.05	0.08	
9574	9608	88.74	100	100	28.82	0.04	0.06	
9575	9609	99.5	100	100	21.37	0.03	0.03	
9576	9610	285.55	100	100	140.11	0.21	1.07	
9577	9611	195.84	100	100	56.71	0.08	0.2	
9578	9612	67.49	100	100	103.58	0.15	0.61	
9579	9613	56.29	100	100	47.78	0.07	0.15	
9580	9614	56.05	100	100	28.57	0.04	0.06	
9581	9615	100.98	100	100	30.66	0.05	0.06	
9582	9616	258.07	100	100	18.83	0.03	0.03	
9583	9617	136.56	100	100	88.31	0.13	0.45	
9584	9618	41.81	100	100	8.62	0.01	0.01	
9585	9619	52.22	100	100	29.12	0.04	0.06	
9586	9620	48.44	100	100	41.93	0.06	0.11	
9587	9621	129.87	100	100	49.75	0.07	0.16	
9588	9622	46.69	100	100	33.34	0.05	0.07	
9589	9623	109.24	100	100	64.01	0.09	0.25	
9590	9624	60.35	100	100	75.94	0.11	0.34	
9591	9625	135.56	100	100	66.09	0.1	0.27	
9592	9626	72.65	100	100	95.90	0.14	0.53	
9593	9627	122.09	100	100	130.21	0.19	0.93	
9594	9628	67.67	100	100	41.93	0.06	0.11	
9595	9629	53.85	100	100	29.85	0.04	0.06	
9596	9630	58.39	100	100	35.82	0.05	0.09	
9597	9631	69.8	100	100	50.09	0.07	0.16	
9598	9632	59.46	100	100	93.68	0.14	0.51	
9599	9633	150.07	100	100	60.00	0.09	0.22	
9600	9634	144.5	100	100	157.68	0.23	1.33	
9601	9635	187.16	100	100	48.52	0.07	0.15	
9602	9636	180.7	100	100	49.45	0.07	0.15	
9603	9637	131.88	100	100	91.77	0.14	0.49	
9604	9638	27.51	100	100	261.13	0.38	3.38	
9605	9639	47.44	100	100	61.14	0.09	0.23	
9606	9640	93.38	100	100	89.52	0.13	0.47	
9607	9641	79.83	100	100	113.23	0.17	0.72	
9608	9642	243	100	100	83.63	0.12	0.41	
9609	9643	74.05	100	100	99.70	0.15	0.57	
9610	9644	42.25	100	100	44.66	0.07	0.13	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
9611	9645	96.22	100	100	5.05	0.01	0	
9612	9646	119.65	100	100	14.45	0.02	0.02	
9613	9647	95.03	100	100	31.97	0.05	0.07	
9614	9648	69.49	100	100	83.72	0.12	0.41	
9615	9649	58.28	100	100	45.29	0.07	0.13	
9616	9650	212.6	100	100	22.61	0.03	0.04	
9617	9651	160.39	100	100	9.58	0.01	0.01	
9618	9652	160.12	100	100	42.46	0.06	0.12	
9619	9653	52	100	100	20.39	0.03	0.03	
9620	9654	101.97	100	100	37.72	0.06	0.09	
9621	9655	94.97	100	100	44.57	0.07	0.13	
9622	9656	50.55	100	100	6.38	0.01	0	
9623	9657	102.34	100	100	34.60	0.05	0.08	
9624	9658	94.61	100	100	47.50	0.07	0.14	
9625	9659	58.93	100	100	76.02	0.11	0.34	
9626	9660	97.16	100	100	103.79	0.15	0.61	
9627	9661	158.79	100	100	60.23	0.09	0.22	
9628	9662	58.24	100	100	59.12	0.09	0.22	
9629	9663	59.56	100	100	22.92	0.03	0.04	
9630	9664	39.25	100	100	319.10	0.47	4.9	
9631	9665	213.08	100	100	14.94	0.02	0.02	
9632	9666	246.81	100	100	59.37	0.09	0.22	
9633	9667	123.38	100	100	34.08	0.05	0.08	
9634	9668	55.13	100	100	57.83	0.09	0.21	
9635	9669	39.17	100	100	81.08	0.12	0.39	
9636	9670	62.98	100	100	168.93	0.25	1.51	
9637	9671	120.17	100	100	33.90	0.05	0.08	
9638	9672	50.42	100	100	21.29	0.03	0.03	
9639	9673	47.59	100	100	41.91	0.06	0.11	
9640	9674	71.59	100	100	208.14	0.31	2.22	
9641	9675	82.95	100	100	77.86	0.11	0.36	
9642	9676	76.87	100	100	54.32	0.08	0.18	
9643	9677	52.17	100	100	126.86	0.19	0.89	
9644	9678	62.79	100	100	140.52	0.21	1.07	
9645	9679	89.61	100	100	53.83	0.08	0.18	
9646	9680	86.4	100	100	92.27	0.14	0.49	
9647	9681	63.4	100	100	118.69	0.17	0.78	
9648	9682	96.94	100	100	38.73	0.06	0.1	
9649	9683	51.33	100	100	49.42	0.07	0.15	
9650	9684	59.07	100	100	333.58	0.49	5.32	
9651	9685	21.43	100	100	14.03	0.02	0.02	
9652	9686	32.33	100	100	75.83	0.11	0.34	
9653	9687	70.48	100	100	56.14	0.08	0.2	
9654	9688	62.61	100	100	100.20	0.15	0.57	
9655	9689	60.1	100	100	4.63	0.01	0	
9656	9690	70.86	100	100	101.43	0.15	0.59	
9657	9691	67.21	100	100	33.57	0.05	0.08	
9658	9692	70.9	100	100	31.32	0.05	0.07	
9659	9693	70.16	100	100	40.86	0.06	0.11	
9660	9694	56.13	100	100	54.44	0.08	0.19	
9661	9695	49.28	100	100	71.22	0.1	0.3	
9662	9696	132.43	100	100	43.37	0.06	0.12	
9663	9697	101.92	100	100	7.61	0.01	0	
9664	9698	112.99	100	100	42.04	0.06	0.11	
9665	9699	58.6	100	100	15.26	0.02	0.02	
9666	9700	63.97	100	100	14.65	0.02	0.02	
9667	9701	65.91	100	100	19.83	0.03	0.03	
9668	9702	55.72	100	100	76.10	0.11	0.34	
9669	9703	54.98	100	100	104.63	0.15	0.62	
9670	9704	111.64	100	100	5.39	0.01	0	
9671	9705	41.23	100	100	28.18	0.04	0.05	
9672	9706	119.69	100	100	97.63	0.14	0.55	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
9673	9707	47.14	100	100	169.21	0.25	1.51	
9674	9708	49.83	100	100	97.05	0.14	0.54	
9675	9709	55.53	100	100	14.81	0.02	0.02	
9676	9710	157.91	100	100	110.60	0.16	0.69	
9677	9711	54.92	100	100	73.34	0.11	0.32	
9678	9712	80.38	100	100	3.84	0.01	0	
9679	9713	49.12	100	100	16.96	0.02	0.02	
9680	9714	45.87	100	100	21.63	0.03	0.03	
9681	9715	448.22	100	100	52.15	0.08	0.17	
9682	9716	37.43	100	100	155.01	0.23	1.29	
9683	9717	214.45	100	100	12.51	0.02	0.01	
9684	9718	372.95	100	100	9.35	0.01	0.01	
9685	9719	59.07	100	100	8.05	0.01	0.01	
9686	9720	61.2	100	100	10.50	0.02	0.01	
9687	9721	30.07	100	100	47.74	0.07	0.15	
9688	9722	290.52	100	100	93.73	0.14	0.51	
9689	9723	69.92	100	100	64.73	0.1	0.26	
9690	9724	78.01	100	100	17.56	0.03	0.02	
9691	9725	307.25	100	100	90.13	0.13	0.47	
9692	9726	66.12	100	100	83.85	0.12	0.41	
9693	9727	156.97	100	100	67.31	0.1	0.27	
9694	9728	129.53	100	100	34.29	0.05	0.08	
9695	9729	95.5	100	100	178.49	0.26	1.67	
9696	9730	199.75	100	100	34.94	0.05	0.08	
9697	9731	91.27	100	100	76.95	0.11	0.35	
9698	9732	66.32	100	100	9.74	0.01	0.01	
9699	9733	94.47	100	100	46.33	0.07	0.14	
9700	9734	45.05	100	100	67.11	0.1	0.27	
9701	9735	52.45	100	100	133.78	0.2	0.98	
9702	9736	22.79	100	100	143.06	0.21	1.11	
9703	9737	117.2	100	100	67.24	0.1	0.27	
9704	9738	30.49	100	100	161.76	0.24	1.39	
9705	9739	88.87	100	100	167.69	0.25	1.49	
9706	9740	51.07	100	100	7.91	0.01	0.01	
9707	9741	90.16	100	100	6.42	0.01	0	
9708	9742	66.57	100	100	1165.77	1.72	53.95	
9709	9743	104.12	100	100	76.29	0.11	0.35	
9710	9744	60.46	100	100	17.94	0.03	0.02	
9711	9745	92.27	100	100	6.70	0.01	0	
9712	9746	134.43	100	100	2.90	0	0	
9713	9747	38.87	100	100	92.54	0.14	0.49	
9714	9748	90.26	100	100	16.50	0.02	0.02	
9715	9749	100.26	100	100	27.21	0.04	0.05	
9716	9750	76.81	100	100	24.39	0.04	0.04	
9717	9751	64.24	100	100	13.44	0.02	0.01	
9718	9752	71.57	100	100	50.90	0.08	0.16	
9719	9753	63.33	100	100	69.28	0.1	0.29	
9720	9754	122.71	100	100	10.49	0.02	0.01	
9721	9755	128.04	100	100	93.33	0.14	0.5	
9722	9756	83.75	100	100	117.18	0.17	0.77	
9723	9757	86.92	100	100	3.92	0.01	0	
9724	9758	82.81	100	100	145.54	0.21	1.14	
9725	9759	94.99	100	100	30.33	0.04	0.06	
9726	9760	106.1	100	100	92.70	0.14	0.5	
9727	9761	65.13	100	100	72.14	0.11	0.31	
9728	9762	22.96	100	100	2.62	0	0	
9729	9763	166.11	100	100	10.41	0.02	0.01	
9730	9764	73.27	100	100	45.07	0.07	0.13	
9731	9765	14.5	100	100	84.03	0.12	0.41	
9732	9766	196.32	100	100	0.01	0	0	
9733	9767	109.55	100	100	45.93	0.07	0.14	
9734	9768	105.55	100	100	22.57	0.03	0.04	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
9735	9769	73.31	100	100	43.42	0.06	0.12	
9736	9770	65.86	100	100	16.12	0.02	0.02	
9737	9771	75.34	100	100	13.28	0.02	0.01	
9738	9772	25.5	100	100	6.95	0.01	0	
9739	9773	94.27	100	100	40.24	0.06	0.11	
9740	9774	124.87	100	100	84.40	0.12	0.42	
9741	9775	226.73	100	100	45.88	0.07	0.13	
9742	9776	129.49	100	100	6.71	0.01	0	
9743	9777	22.27	100	100	175.08	0.26	1.61	
9744	9778	114.68	100	100	20.92	0.03	0.03	
9745	9779	177.76	100	100	44.70	0.07	0.13	
9746	9780	60.18	100	100	10.30	0.02	0.01	
9747	9781	12.32	100	100	59.28	0.09	0.22	
9748	9782	62.69	100	100	163.63	0.24	1.42	
9749	9783	103.12	100	100	9.48	0.01	0.01	
9750	9784	97.06	100	100	81.13	0.12	0.39	
9751	9785	79.1	100	100	33.67	0.05	0.08	
9752	9786	110.9	100	100	55.08	0.08	0.19	
9753	9787	18.16	100	100	165.03	0.24	1.44	
9754	9788	12.23	100	100	47.28	0.07	0.14	
9755	9789	97.4	100	100	0.01	0	0	
9756	9790	13.86	100	100	365.51	0.54	6.3	
9757	9791	10.79	100	100	215.57	0.32	2.37	
9758	9792	137.74	100	100	63.18	0.09	0.24	
9759	9793	104.57	100	100	167.65	0.25	1.49	
9760	9794	118.01	100	100	3.54	0.01	0	
9761	9795	19.67	100	100	34.77	0.05	0.08	
9762	9796	61.44	100	100	60.16	0.09	0.22	
9763	9797	142.95	100	100	111.49	0.16	0.7	
9764	9798	227.96	250	100	72.99	0.02	0	
9765	9799	35.43	100	100	1.21	0	0	
9766	9800	109.09	100	100	6.78	0.01	0	
9767	9801	124.25	100	100	142.76	0.21	1.1	
9768	9802	129.46	100	100	130.56	0.19	0.94	
9769	9803	39.21	100	100	66.20	0.1	0.27	
9770	9804	10	100	100	77.27	0.11	0.35	
9771	9805	104	100	100	10.73	0.02	0.01	
9772	9806	39.04	100	100	113.11	0.17	0.72	
9773	9807	84.37	100	100	16.63	0.02	0.02	
9774	9808	78.83	100	100	33.81	0.05	0.08	
9775	9809	85.28	100	100	18.41	0.03	0.02	
9776	9810	91.21	100	100	26.23	0.04	0.05	
9777	9811	89.48	100	100	17.74	0.03	0.02	
9778	9812	99.59	100	100	4.66	0.01	0	
9779	9814	81.79	100	100	63.20	0.09	0.24	
9780	9815	51.45	100	100	137.15	0.2	1.02	
9781	9816	86.42	100	100	99.72	0.15	0.57	
9782	9817	115.85	100	100	30.87	0.05	0.06	
9783	9818	51.18	100	100	14.56	0.02	0.02	
9784	9819	78.57	100	100	79.71	0.12	0.38	
9785	9820	300.86	100	100	24.57	0.04	0.04	
9786	9821	419.88	100	100	29.18	0.04	0.06	
9787	9822	67.26	100	100	110.50	0.16	0.69	
9788	9823	25.84	100	100	0.31	0	0	
9789	9824	176.43	100	100	32.00	0.05	0.07	
9790	9825	125.42	100	100	9.36	0.01	0.01	
9791	9826	45.68	100	100	28.57	0.04	0.06	
9792	9827	75.95	100	100	60.93	0.09	0.23	
9793	9828	355.16	100	100	0.00	0	0	
9794	9829	108.85	100	100	31.10	0.05	0.07	
9795	9830	46.4	100	100	32.74	0.05	0.07	
9796	9831	102.34	100	100	312.83	0.46	4.72	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
9797	9832	44.71	100	100	168.44	0.25	1.5	
9798	9833	81.58	100	100	371.90	0.55	6.5	
9799	9834	195.04	100	100	231.47	0.34	2.7	
9800	9835	48.57	100	100	50.03	0.07	0.16	
9801	9836	49.67	100	100	123.98	0.18	0.85	
9802	9837	50.41	100	100	1.98	0	0	
9803	9838	141.12	100	100	2.07	0	0	
9804	9839	117.18	100	100	14.25	0.02	0.02	
9805	9840	337.26	100	100	25.46	0.04	0.05	
9806	9841	937.32	100	100	19.90	0.03	0.03	
9807	9842	262.11	100	100	25.06	0.04	0.04	
9808	9843	90.43	100	100	13.03	0.02	0.01	
9809	9844	141.24	100	100	11.35	0.02	0.01	
9810	9845	68.32	100	100	71.58	0.11	0.31	
9811	9846	143.6	100	100	121.34	0.18	0.82	
9812	9847	181.53	100	100	70.81	0.1	0.3	
9813	9848	107.04	100	100	121.72	0.18	0.82	
9814	9849	144.84	100	100	67.91	0.1	0.28	
9815	9850	127.29	100	100	37.70	0.06	0.09	
9816	9851	93.2	100	100	53.07	0.08	0.18	
9817	9852	49.14	100	100	114.50	0.17	0.73	
9818	9853	52.93	100	100	68.51	0.1	0.28	
9819	9854	115.66	100	100	53.41	0.08	0.18	
9820	9855	44.71	100	100	48.41	0.07	0.15	
9821	9856	113.44	100	100	46.46	0.07	0.14	
9822	9857	157.08	100	100	137.04	0.2	1.02	
9823	9858	144.86	100	100	302.78	0.45	4.44	
9824	9859	228.05	100	100	10.72	0.02	0.01	
9825	9860	122.31	100	100	78.05	0.12	0.36	
9826	9861	244.77	100	100	17.49	0.03	0.02	
9827	9862	91.19	100	100	44.24	0.07	0.12	
9828	9863	115.85	100	100	31.78	0.05	0.07	
9829	9864	53.83	100	100	5.00	0.01	0	
9830	9865	54.4	100	100	63.45	0.09	0.25	
9831	9866	90.56	100	100	186.68	0.28	1.81	
9832	9867	104.76	100	100	45.25	0.07	0.13	
9833	9868	74.49	100	100	21.07	0.03	0.03	
9834	9869	103.99	100	100	6.38	0.01	0	
9835	9870	42.69	100	100	196.44	0.29	1.99	
9836	9871	70.57	100	100	18.69	0.03	0.03	
9837	9872	25.27	100	100	0.00	0	0	
9838	9873	112.13	100	100	44.93	0.07	0.13	
9839	9874	20.95	100	100	179.07	0.26	1.68	
9840	9875	53.27	100	100	71.48	0.11	0.31	
9841	9876	89.4	100	100	71.20	0.1	0.3	
9842	9877	264.12	100	100	3.15	0	0	
9843	9878	25.84	100	100	37.70	0.06	0.09	
9844	9879	149.84	100	100	2.21	0	0	
9845	9880	49.12	100	100	148.38	0.22	1.19	
9846	9881	146.21	100	100	190.32	0.28	1.88	
9847	9882	164.48	100	100	116.73	0.17	0.76	
9848	9883	142.99	100	100	49.74	0.07	0.16	
9849	9884	259.24	100	100	6.82	0.01	0	
9850	9885	69.55	100	100	49.72	0.07	0.16	
9851	9886	189.81	100	100	1.11	0	0	
9852	9887	257.62	250	100	2903.25	0.68	3.37	
9853	9888	451.44	500	100	14176.70	0.84	2.17	
9854	9889	1.4	150	100	142.10	0.09	0.15	
9855	9890	291.08	100	100	415.25	0.61	7.97	
9856	9891	35.11	100	100	415.25	0.61	7.97	
9857	9892	17.82	150	100	1455.22	0.95	11.29	
9858	9893	148.13	200	100	4.14	0	0	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
9859	9894	849.86	700	100	62359.34	1.88	6.55	
9860	9895	1729.42	2300	100	81642.72	0.23	0.03	
9861	9896	7.33	700	100	81615.95	2.45	10.78	
9862	9897	86.79	100	100	20.24	0.03	0.03	
9863	9898	12.4	150	100	362.60	0.24	0.86	
9864	9899	14.24	100	100	50.01	0.07	0.16	
9865	9900	146.54	100	100	19.94	0.03	0.03	
9866	9901	51.22	100	100	69.27	0.1	0.29	
9867	9902	651.29	1650	100	0.00	0	0	
9868	9903	516.08	600	100	20540.83	0.84	1.77	
9869	9904	1709.86	600	100	10003.20	0.41	0.47	
9870	9905	71.54	150	100	176.08	0.12	0.23	
9871	9906	26.27	100	100	108.11	0.16	0.66	
9872	9907	63.48	200	100	153.35	0.06	0.04	
9873	9908	1392.37	800	100	3016.35	0.07	0.01	
9874	9909	106.46	100	100	240.11	0.35	2.89	
9875	9910	170.88	100	100	19.69	0.03	0.03	
9876	9911	217.6	100	100	40.28	0.06	0.11	
9877	9912	164.58	100	100	0.68	0	0	
9878	9913	143.32	100	100	23.01	0.03	0.04	
9879	9914	277.51	100	100	38.62	0.06	0.1	
9880	9915	277.23	200	100	819.33	0.3	0.96	
9881	9916	580.15	1650	100	49903.11	0.27	0.07	
9882	9917	142.69	150	100	276.79	0.18	0.52	
9883	9918	596.03	800	100	31046.03	0.71	0.94	
9884	9919	79.66	200	100	160.44	0.06	0.05	
9885	9920	22.07	150	100	0.00	0	0	
9886	9921	10.56	150	100	1421.32	0.93	10.8	
9887	9922	154.48	150	100	235.03	0.15	0.39	
9888	9923	28.7	100	100	187.03	0.28	1.82	
9889	9924	5.15	100	100	324.47	0.48	5.05	
9890	9925	136.82	1650	100	73366.52	0.4	0.14	
9891	9926	96.43	400	100	2142.42	0.2	0.19	
9892	9927	404.38	600	100	15041.96	0.62	1	
9893	9928	1982.69	80	100	232.15	0.53	8.05	
9894	9929	398.34	800	100	2490.61	0.06	0.01	
9895	9930	1341.51	900	100	42771.41	0.78	0.96	
9896	9931	488.93	150	100	88.80	0.06	0.06	
9897	9932	74.88	100	100	176.85	0.26	1.64	
9898	9933	12.05	150	100	560.26	0.37	1.93	
9899	9934	32.34	150	100	132.41	0.09	0.13	
9900	9935	6.68	200	100	569.24	0.21	0.49	
9901	9936	6.21	300	100	2988.96	0.49	1.46	
9902	9937	18.18	80	100	95.89	0.22	1.57	
9903	9938	41.95	80	100	28.47	0.07	0.17	
9904	9939	31.85	150	100	12.23	0.01	0	
9905	9940	14.66	300	100	2541.36	0.42	1.08	
9906	9941	34.95	100	100	56.71	0.08	0.2	
9907	9942	33.93	100	100	33.77	0.05	0.08	
9908	9943	35.62	100	100	26.31	0.04	0.05	
9909	9944	41.03	100	100	38.45	0.06	0.1	
9910	9945	29.12	100	100	9.59	0.01	0.01	
9911	9946	18	100	100	209.99	0.31	2.26	
9912	9947	33.62	100	100	2.94	0	0	
9913	9948	41.22	100	100	145.41	0.21	1.14	
9914	9949	60.38	150	100	8.88	0.01	0	
9915	9950	59.22	150	100	19.50	0.01	0	
9916	9951	9.41	150	100	258.09	0.17	0.46	
9917	9952	1.35	150	100	118.85	0.08	0.11	
9918	9953	32.66	200	100	162.03	0.06	0.05	
9919	9954	17.65	250	100	0.00	0	0	
9920	9955	4.28	300	100	1699.85	0.28	0.51	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
9921	9956	14.75	300	100	819.93	0.13	0.13	
9922	9957	61.19	80	100	7.40	0.02	0.01	
9923	9958	66.95	100	100	42.09	0.06	0.11	
9924	9959	9.6	100	100	33.07	0.05	0.07	
9925	9960	9.15	300	100	774.14	0.13	0.12	
9926	9961	136.09	100	100	9.90	0.01	0.01	
9927	9962	10.29	100	100	1.74	0	0	
9928	9963	5.41	100	100	0.00	0	0	
9929	9964	65.05	100	100	11.47	0.02	0.01	
9930	9965	6.87	150	100	25.76	0.02	0.01	
9931	9966	43.91	150	100	46.60	0.03	0.02	
9932	9967	13.47	150	100	56.32	0.04	0.03	
9933	9968	62.44	150	100	122.58	0.08	0.12	
9934	9969	126.67	150	100	1016.28	0.67	5.81	
9935	9970	23.21	150	100	190.31	0.12	0.26	
9936	9971	2.49	150	100	43.37	0.03	0.02	
9937	9972	17.1	1650	100	5705.10	0.03	0	
9938	9973	174.89	200	100	952.56	0.35	1.27	
9939	9974	77.45	100	100	169.07	0.25	1.51	
9940	9975	102.83	100	100	8.19	0.01	0.01	
9941	9976	59.36	100	100	44.30	0.07	0.13	
9942	9977	152.05	150	100	28.48	0.02	0.01	
9943	9978	74.06	100	100	0.39	0	0	
9944	9979	45.18	150	100	22.36	0.01	0	
9945	9980	17.16	150	100	127.52	0.08	0.12	
9946	9982	56.23	80	100	2.79	0.01	0	
9947	9983	287.56	100	100	17.87	0.03	0.02	
9948	9984	152.78	80	100	54.68	0.13	0.55	
9949	9985	87.91	100	100	338.05	0.5	5.45	
9950	9986	140.04	150	100	194.64	0.13	0.27	
9951	9987	60.75	150	100	254.05	0.17	0.45	
9952	9988	78.36	150	100	37.14	0.02	0.01	
9953	9989	76.83	150	100	67.14	0.04	0.04	
9954	9990	138.96	100	100	13.04	0.02	0.01	
9955	9991	30.93	150	100	61.34	0.04	0.03	
9956	9992	16.91	150	100	42.39	0.03	0.02	
9957	9993	65.45	150	100	31.93	0.02	0.01	
9958	9994	104.02	100	100	48.35	0.07	0.15	
9959	9995	126.33	200	100	116.50	0.04	0.03	
9960	9996	66.25	300	100	1330.19	0.22	0.33	
9961	9997	180.37	200	100	276.38	0.1	0.13	
9962	9998	92.01	200	100	9.38	0	0	
9963	9999	345.95	200	100	920.50	0.34	1.19	
9964	10000	134.56	100	100	8.71	0.01	0.01	
9965	10001	77.7	150	100	48.73	0.03	0.02	
9966	10002	11.23	150	100	21.26	0.01	0	
9967	10003	55.15	100	100	15.04	0.02	0.02	
9968	10004	68.48	200	100	8.84	0	0	
9969	10005	76.16	150	100	321.41	0.21	0.69	
9970	10006	129.55	150	100	160.83	0.11	0.19	
9971	10007	121.02	80	100	18.90	0.04	0.08	
9972	10008	79.33	150	100	267.68	0.18	0.49	
9973	10009	120.63	100	100	201.82	0.3	2.1	
9974	10010	74.71	150	100	411.40	0.27	1.09	
9975	10011	126.74	150	100	528.03	0.35	1.73	
9976	10012	115.67	80	100	114.60	0.26	2.18	
9977	10013	78.82	100	100	176.15	0.26	1.63	
9978	10014	78.75	100	100	290.26	0.43	4.11	
9979	10015	111.89	150	100	459.55	0.3	1.34	
9980	10016	37.91	100	100	229.63	0.34	2.66	
9981	10017	43.84	80	100	136.68	0.31	3.02	
9982	10018	37.39	400	100	4159.23	0.38	0.66	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
9983	10019	36.5	200	100	1349.17	0.5	2.42	
9984	10020	51.43	80	100	52.44	0.12	0.51	
9985	10021	30.38	80	100	55.12	0.13	0.56	
9986	10022	75.7	100	100	183.43	0.27	1.76	
9987	10023	42.33	150	100	597.13	0.39	2.17	
9988	10024	71.48	100	100	149.03	0.22	1.2	
9989	10025	82.84	80	100	105.78	0.24	1.88	
9990	10026	74.67	100	100	119.88	0.18	0.8	
9991	10027	141.17	100	100	124.00	0.18	0.85	
9992	10028	91.35	100	100	147.28	0.22	1.17	
9993	10029	77.99	100	100	137.80	0.2	1.03	
9994	10030	56.89	100	100	247.63	0.36	3.06	
9995	10031	74.33	100	100	84.34	0.12	0.42	
9996	10032	171.62	100	100	108.80	0.16	0.67	
9997	10033	67.06	150	100	567.89	0.37	1.98	
9998	10034	68.6	150	100	808.20	0.53	3.8	
9999	10035	38.77	150	100	399.83	0.26	1.03	
10000	10036	190.99	150	100	367.13	0.24	0.88	
10001	10037	132.22	100	100	112.10	0.17	0.71	
10002	10038	61.53	100	100	90.86	0.13	0.48	
10003	10039	57.44	80	100	74.86	0.17	0.99	
10004	10040	210.37	80	100	81.41	0.19	1.16	
10005	10041	144.98	150	100	208.24	0.14	0.31	
10006	10042	103.46	150	100	98.82	0.06	0.08	
10007	10043	65.93	150	100	252.31	0.17	0.44	
10008	10044	134.34	100	100	128.45	0.19	0.91	
10009	10045	97.43	100	100	152.80	0.23	1.25	
10010	10046	128.13	150	100	72.06	0.05	0.04	
10011	10047	68.26	150	100	439.04	0.29	1.23	
10012	10048	151.66	150	100	593.52	0.39	2.14	
10013	10049	9.89	150	100	10.29	0.01	0	
10014	10050	76.58	150	100	1121.36	0.73	6.97	
10015	10051	12.38	300	100	1567.72	0.26	0.44	
10016	10052	22.74	150	100	441.12	0.29	1.24	
10017	10053	135.03	80	100	12.32	0.03	0.03	
10018	10054	109.94	80	100	2.41	0.01	0	
10019	10055	68.77	80	100	25.93	0.06	0.14	
10020	10056	71.64	80	100	145.81	0.34	3.4	
10021	10057	67.52	100	100	121.53	0.18	0.82	
10022	10058	64.13	100	100	196.93	0.29	2	
10023	10059	67.43	80	100	419.50	0.97	24.1	
10024	10060	77.02	100	100	138.41	0.2	1.04	
10025	10061	19.9	350	100	5519.30	0.66	2.15	
10026	10062	126.41	350	100	3758.06	0.45	1.06	
10027	10063	106.88	350	100	154.78	0.02	0	
10028	10064	121.75	300	100	398.74	0.07	0.04	
10029	10065	33.65	300	100	2326.16	0.38	0.92	
10030	10066	72.46	300	100	2228.44	0.36	0.85	
10031	10067	121.72	300	100	2182.61	0.36	0.82	
10032	10068	125.68	300	100	2389.89	0.39	0.97	
10033	10069	78.06	300	100	5706.72	0.93	4.85	
10034	10070	69.85	200	100	1603.72	0.59	3.33	
10035	10071	67.6	200	100	1342.35	0.49	2.39	
10036	10072	77.29	200	100	1375.70	0.51	2.51	
10037	10073	203.3	200	100	728.70	0.27	0.77	
10038	10074	128.91	150	100	278.35	0.18	0.53	
10039	10075	120.82	150	100	558.89	0.37	1.92	
10040	10076	62.05	100	100	333.97	0.49	5.33	
10041	10077	101.08	100	100	232.64	0.34	2.73	
10042	10078	268.98	100	100	85.03	0.13	0.42	
10043	10079	138.05	150	100	225.00	0.15	0.36	
10044	10080	261.57	150	100	647.82	0.42	2.52	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
10045	10081	147.81	150	100	560.33	0.37	1.93	
10046	10082	397.99	150	100	779.41	0.51	3.55	
10047	10083	41.64	100	100	457.86	0.67	9.56	
10048	10084	4.85	300	100	6962.05	1.14	7	
10049	10085	124.94	400	100	9875.12	0.91	3.3	
10050	10086	69.38	150	100	79.25	0.05	0.05	
10051	10087	114.45	200	100	1249.56	0.46	2.1	
10052	10088	36.68	300	100	4900.37	0.8	3.65	
10053	10089	81.75	600	100	44380.28	1.82	7.39	
10054	10090	73.09	150	100	228.63	0.15	0.37	
10055	10091	59.39	150	100	215.38	0.14	0.33	
10056	10092	90.84	80	100	23.54	0.05	0.12	
10057	10093	102.54	150	100	320.99	0.21	0.69	
10058	10094	125.56	80	100	13.39	0.03	0.04	
10059	10095	799.42	600	100	35360.63	1.45	4.85	
10060	10096	31.99	80	100	47.28	0.11	0.42	
10061	10097	49.76	150	100	11.64	0.01	0	
10062	10098	162.71	80	100	103.33	0.24	1.8	
10063	10099	304.83	600	100	33519.09	1.37	4.4	
10064	10100	109.4	100	100	239.02	0.35	2.87	
10065	10101	248.46	80	100	223.92	0.52	7.53	
10066	10102	379.03	80	100	579.85	1.34	43.88	
10067	10103	242.81	80	100	215.78	0.5	7.03	
10068	10104	360.85	150	100	751.72	0.49	3.32	
10069	10105	157.48	150	100	6.95	0	0	
10070	10106	22.26	250	100	5061.02	1.19	9.43	
10071	10107	24.27	100	100	76.27	0.11	0.35	
10072	10108	146.57	100	100	46.99	0.07	0.14	
10073	10109	11.68	100	100	65.89	0.1	0.26	
10074	10110	16.36	300	100	1814.56	0.3	0.58	
10075	10111	71.44	100	100	106.31	0.16	0.64	
10076	10112	360.23	150	100	352.54	0.23	0.82	
10077	10113	363.01	200	100	748.20	0.28	0.81	
10078	10114	205.01	200	100	1098.11	0.4	1.65	
10079	10115	182.7	100	100	659.10	0.97	18.76	
10080	10116	293.55	300	100	2216.52	0.36	0.84	
10081	10117	692.29	150	100	57.32	0.04	0.03	
10082	10118	222.97	150	100	501.47	0.33	1.57	
10083	10119	281.33	150	100	401.44	0.26	1.04	
10084	10120	50.01	150	100	77.69	0.05	0.05	
10085	10121	48.25	150	100	91.10	0.06	0.07	
10086	10122	104.55	100	100	31.47	0.05	0.07	
10087	10123	53.57	100	100	5.10	0.01	0	
10088	10124	144.56	100	100	110.43	0.16	0.69	
10089	10125	32.19	150	100	346.07	0.23	0.79	
10090	10126	164.82	200	100	4.26	0	0	
10091	10127	75.59	150	100	924.77	0.61	4.87	
10092	10128	219.75	200	100	185.46	0.07	0.06	
10093	10129	3.96	150	100	159.28	0.1	0.19	
10094	10130	262.43	150	100	425.55	0.28	1.16	
10095	10131	235.03	150	100	78.24	0.05	0.05	
10096	10132	18.36	200	100	720.63	0.27	0.76	
10097	10133	6.31	200	100	911.49	0.34	1.17	
10098	10134	196.67	150	100	30.26	0.02	0.01	
10099	10135	385.19	800	100	8359.34	0.19	0.08	
10100	10136	75.56	300	100	1166.82	0.19	0.26	
10101	10137	413.58	300	100	1737.45	0.28	0.54	
10102	10138	146.73	100	100	35.06	0.05	0.08	
10103	10139	104.47	200	100	256.67	0.09	0.11	
10104	10140	160.22	100	100	13.80	0.02	0.01	
10105	10141	58.38	100	100	0.30	0	0	
10106	10142	51.92	100	100	41.24	0.06	0.11	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
10107	10143	350.12	600	100	2898.35	0.12	0.05	
10108	10144	743.73	100	100	15.60	0.02	0.02	
10109	10145	7.66	300	100	1601.42	0.26	0.46	
10110	10146	227.38	300	100	1498.67	0.25	0.41	
10111	10147	908.23	300	100	1296.92	0.21	0.31	
10112	10148	37.69	150	100	144.36	0.09	0.16	
10113	10149	76.17	300	100	438.33	0.07	0.04	
10114	10150	780.02	100	100	76.12	0.11	0.34	
10115	10151	67.48	150	100	29.41	0.02	0.01	
10116	10152	570.56	300	100	268.47	0.04	0.02	
10117	10153	145.48	150	100	93.70	0.06	0.07	
10118	10154	234.41	100	100	13.23	0.02	0.01	
10119	10155	252.46	100	100	12.20	0.02	0.01	
10120	10156	860.44	300	100	157.73	0.03	0.01	
10121	10157	748.91	150	100	150.05	0.1	0.17	
10122	10158	532.23	150	100	305.64	0.2	0.63	
10123	10159	390.46	400	100	3981.86	0.37	0.61	
10124	10160	15.2	80	100	27.71	0.06	0.16	
10125	10161	139.85	100	100	261.95	0.39	3.4	
10126	10162	224.24	200	100	763.93	0.28	0.84	
10127	10163	4.43	200	100	57.90	0.02	0.01	
10128	10164	241.73	100	100	37.93	0.06	0.09	
10129	10165	111.85	150	100	441.09	0.29	1.24	
10130	10166	284.29	200	100	31.10	0.01	0	
10131	10167	344.93	150	100	15.95	0.01	0	
10132	10168	219.42	150	100	137.95	0.09	0.14	
10133	10169	162.4	100	100	14.21	0.02	0.02	
10134	10170	113.21	80	100	16.47	0.04	0.06	
10135	10171	174.83	100	100	15.96	0.02	0.02	
10136	10172	322.89	200	100	405.16	0.15	0.26	
10137	10173	34.15	200	100	1409.67	0.52	2.62	
10138	10174	48.48	200	100	145.47	0.05	0.04	
10139	10175	52.78	100	100	81.38	0.12	0.39	
10140	10176	171.65	150	100	208.15	0.14	0.31	
10141	10177	75.57	200	100	30.49	0.01	0	
10142	10178	48.35	100	100	13.97	0.02	0.02	
10143	10179	39.89	150	100	245.45	0.16	0.42	
10144	10180	112.24	100	100	12.01	0.02	0.01	
10145	10181	79.42	100	100	68.68	0.1	0.28	
10146	10182	66.62	100	100	60.89	0.09	0.23	
10147	10183	85.65	100	100	182.59	0.27	1.74	
10148	10184	47.66	150	100	257.50	0.17	0.46	
10149	10185	64.47	200	100	1231.80	0.45	2.04	
10150	10186	290.12	80	100	65.32	0.15	0.77	
10151	10187	12.86	200	100	249.26	0.09	0.11	
10152	10188	189.82	200	100	144.07	0.05	0.04	
10153	10189	171.56	100	100	53.76	0.08	0.18	
10154	10190	105.37	200	100	377.36	0.14	0.23	
10155	10191	92.49	500	100	188.27	0.01	0	
10156	10192	218.1	200	100	1114.10	0.41	1.7	
10157	10193	255.35	200	100	1132.23	0.42	1.75	
10158	10194	170.7	200	100	928.42	0.34	1.21	
10159	10195	29.04	100	100	146.17	0.22	1.15	
10160	10196	316.19	100	100	366.74	0.54	6.34	
10161	10197	111.63	100	100	715.44	1.05	21.84	
10162	10198	5.78	700	100	1143.23	0.03	0	
10163	10199	3.47	300	100	991.41	0.16	0.19	
10164	10200	68.35	100	100	135.71	0.2	1.01	
10165	10201	78.35	100	100	165.76	0.24	1.46	
10166	10202	5.54	200	100	178.65	0.07	0.06	
10167	10203	72.75	100	100	43.67	0.06	0.12	
10168	10204	113.48	100	100	108.53	0.16	0.66	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
10169	10205	144.07	100	100	10.69	0.02	0.01	
10170	10206	123.62	100	100	80.77	0.12	0.38	
10171	10207	37.44	100	100	27.26	0.04	0.05	
10172	10208	26.12	200	100	490.29	0.18	0.37	
10173	10209	174.4	300	100	83.28	0.01	0	
10174	10210	16.23	300	100	102.11	0.02	0	
10175	10211	18.97	800	100	16119.46	0.37	0.28	
10176	10212	274.6	300	100	5067.30	0.83	3.89	
10177	10213	123.76	100	100	54.92	0.08	0.19	
10178	10214	103.77	400	100	5705.10	0.53	1.19	
10179	10215	4.99	100	100	71.31	0.11	0.31	
10180	10216	30.55	150	100	390.08	0.26	0.99	
10181	10217	147.95	100	100	92.66	0.14	0.5	
10182	10218	114.5	100	100	108.18	0.16	0.66	
10183	10219	36.02	100	100	175.98	0.26	1.63	
10184	10220	122.26	100	100	57.40	0.08	0.2	
10185	10221	159.98	100	100	94.89	0.14	0.52	
10186	10222	5.63	100	100	413.99	0.61	7.93	
10187	10223	98.98	100	100	0.15	0	0	
10188	10224	34.53	100	100	23.63	0.03	0.04	
10189	10225	144.04	100	100	35.44	0.05	0.08	
10190	10226	103.95	100	100	16.38	0.02	0.02	
10191	10227	43.13	150	100	53.71	0.04	0.03	
10192	10228	75.31	100	100	103.46	0.15	0.61	
10193	10229	8.58	150	100	80.96	0.05	0.05	
10194	10230	35.12	100	100	50.87	0.07	0.16	
10195	10231	93.98	100	100	3.28	0	0	
10196	10232	95.03	100	100	2.65	0	0	
10197	10233	100.29	100	100	10.28	0.02	0.01	
10198	10234	127.79	100	100	12.04	0.02	0.01	
10199	10235	142.07	100	100	19.72	0.03	0.03	
10200	10236	118.95	100	100	21.67	0.03	0.03	
10201	10237	94.66	100	100	11.21	0.02	0.01	
10202	10238	31.32	150	100	25.12	0.02	0.01	
10203	10239	240.51	500	100	10054.33	0.59	1.15	
10204	10240	93.87	150	100	57.39	0.04	0.03	
10205	10241	125.63	150	100	307.95	0.2	0.64	
10206	10242	41.91	150	100	355.19	0.23	0.83	
10207	10243	7.01	400	100	4875.72	0.45	0.89	
10208	10244	2.31	300	100	2639.20	0.43	1.16	
10209	10245	112.32	300	100	2534.85	0.42	1.08	
10210	10246	31.99	100	100	61.35	0.09	0.23	
10211	10247	32.56	100	100	17.42	0.03	0.02	
10212	10248	34.11	100	100	41.41	0.06	0.11	
10213	10249	28.14	100	100	54.98	0.08	0.19	
10214	10250	92.4	100	100	23.34	0.03	0.04	
10215	10251	95.13	150	100	54.08	0.04	0.03	
10216	10252	38.65	100	100	27.07	0.04	0.05	
10217	10253	30.5	100	100	55.01	0.08	0.19	
10218	10254	73.64	100	100	324.69	0.48	5.06	
10219	10255	40.91	300	100	1096.72	0.18	0.23	
10220	10256	7.6	350	100	675.72	0.08	0.04	
10221	10257	34.81	350	100	645.10	0.08	0.04	
10222	10258	53.51	100	100	112.85	0.17	0.71	
10223	10259	155.18	100	100	27.25	0.04	0.05	
10224	10260	122.64	100	100	106.48	0.16	0.64	
10225	10261	83.39	150	100	590.06	0.39	2.12	
10226	10262	66.67	100	100	155.98	0.23	1.3	
10227	10263	34.03	100	100	146.64	0.22	1.16	
10228	10264	42.16	100	100	73.45	0.11	0.32	
10229	10265	39.06	100	100	5.88	0.01	0	
10230	10266	27.76	150	100	126.51	0.08	0.12	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
10231	10267	14.84	400	100	234.34	0.02	0	
10232	10268	3.17	150	100	410.35	0.27	1.08	
10233	10269	6.34	500	100	5317.40	0.31	0.35	
10234	10270	232.75	500	100	3572.58	0.21	0.17	
10235	10271	119.54	100	100	146.40	0.22	1.16	
10236	10272	13.43	400	100	2956.38	0.27	0.35	
10237	10273	197.87	100	100	82.10	0.12	0.4	
10238	10274	48.87	100	100	115.79	0.17	0.75	
10239	10275	195.91	350	100	2944.15	0.35	0.67	
10240	10276	120.06	100	100	141.75	0.21	1.09	
10241	10277	63.24	100	100	3.81	0.01	0	
10242	10278	33.77	100	100	17.74	0.03	0.02	
10243	10279	34.58	100	100	17.81	0.03	0.02	
10244	10280	32.57	100	100	8.23	0.01	0.01	
10245	10281	50.38	100	100	10.59	0.02	0.01	
10246	10282	30.97	100	100	18.53	0.03	0.03	
10247	10283	70.89	150	100	43.28	0.03	0.02	
10248	10284	36.79	400	100	0.00	0	0	
10249	10285	238.01	100	100	122.24	0.18	0.83	
10250	10286	133.68	150	100	0.00	0	0	
10251	10287	21.09	150	100	342.41	0.22	0.77	
10252	10288	241.68	300	100	2307.04	0.38	0.91	
10253	10289	39.85	100	100	89.22	0.13	0.46	
10254	10290	4.76	200	100	182.01	0.07	0.06	
10255	10291	156.65	100	100	165.05	0.24	1.44	
10256	10292	13.18	1000	100	30717.01	0.45	0.31	
10257	10293	21.45	400	100	16.40	0	0	
10258	10294	39.8	1000	100	40615.15	0.6	0.52	
10259	10295	75.55	80	100	19.82	0.05	0.08	
10260	10296	161.96	80	100	112.18	0.26	2.09	
10261	10297	664.73	1650	100	89416.45	0.48	0.2	
10262	10298	27.84	400	100	0.00	0	0	
10263	10299	61	1650	100	89416.45	0.48	0.2	
10264	10300	173.61	1650	100	79362.11	0.43	0.16	
10265	10301	31.44	150	100	47.94	0.03	0.02	
10266	10302	96.66	100	100	0.05	0	0	
10267	10303	31.09	150	100	46.83	0.03	0.02	
10268	10304	105.08	100	100	100.16	0.15	0.57	
10269	10305	131.37	100	100	129.29	0.19	0.92	
10270	10306	82.07	80	100	49.20	0.11	0.46	
10271	10307	108.21	100	100	80.06	0.12	0.38	
10272	10308	108.92	100	100	213.40	0.31	2.32	
10273	10309	108.23	100	100	74.84	0.11	0.33	
10274	10310	103.43	100	100	135.48	0.2	1	
10275	10311	108.05	100	100	181.10	0.27	1.72	
10276	10312	104.52	100	100	204.78	0.3	2.15	
10277	10313	26.85	100	100	76.95	0.11	0.35	
10278	10314	33.66	100	100	37.12	0.05	0.09	
10279	10315	72.23	100	100	192.83	0.28	1.93	
10280	10316	38.85	100	100	178.95	0.26	1.68	
10281	10317	97.71	100	100	77.06	0.11	0.35	
10282	10318	35.71	100	100	147.52	0.22	1.17	
10283	10319	64.84	100	100	24.62	0.04	0.04	
10284	10320	112.45	100	100	121.58	0.18	0.82	
10285	10321	113.32	100	100	84.25	0.12	0.42	
10286	10322	31.79	100	100	122.35	0.18	0.83	
10287	10323	33.22	100	100	89.33	0.13	0.46	
10288	10324	34.33	100	100	97.29	0.14	0.54	
10289	10325	31.44	100	100	66.43	0.1	0.27	
10290	10326	49.19	100	100	47.04	0.07	0.14	
10291	10327	29.45	100	100	65.41	0.1	0.26	
10292	10328	32.68	100	100	27.83	0.04	0.05	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
10293	10329	102.99	100	100	118.42	0.17	0.78	
10294	10330	35.07	100	100	5.24	0.01	0	
10295	10331	31.5	100	100	43.99	0.06	0.12	
10296	10332	29.38	100	100	111.95	0.16	0.7	
10297	10333	27.05	100	100	111.62	0.16	0.7	
10298	10334	97.55	100	100	92.35	0.14	0.49	
10299	10335	113.06	100	100	119.09	0.18	0.79	
10300	10336	34.53	100	100	236.95	0.35	2.82	
10301	10337	131.78	100	100	72.24	0.11	0.31	
10302	10338	34.43	100	100	87.11	0.13	0.44	
10303	10339	31.91	100	100	99.14	0.15	0.56	
10304	10340	50.11	80	100	109.86	0.25	2.01	
10305	10341	26.37	100	100	196.78	0.29	2	
10306	10342	33.87	100	100	153.02	0.23	1.26	
10307	10343	38.15	100	100	102.40	0.15	0.6	
10308	10344	108.08	100	100	122.32	0.18	0.83	
10309	10345	108.42	100	100	179.32	0.26	1.68	
10310	10346	109.52	100	100	117.73	0.17	0.77	
10311	10347	136.76	100	100	108.57	0.16	0.66	
10312	10348	34.14	100	100	461.98	0.68	9.72	
10313	10349	29.36	100	100	278.91	0.41	3.82	
10314	10350	33.3	100	100	235.92	0.35	2.8	
10315	10351	109.44	80	100	64.90	0.15	0.76	
10316	10352	27.54	100	100	294.85	0.43	4.23	
10317	10353	29.46	100	100	409.90	0.6	7.79	
10318	10354	538.29	200	100	107.48	0.04	0.02	
10319	10355	115.46	100	100	154.74	0.23	1.28	
10320	10356	25.62	100	100	242.78	0.36	2.95	
10321	10357	29.59	150	100	227.05	0.15	0.36	
10322	10358	115.14	100	100	31.72	0.05	0.07	
10323	10359	115.43	80	100	16.30	0.04	0.06	
10324	10360	67.34	100	100	213.77	0.32	2.33	
10325	10361	116.9	100	100	32.14	0.05	0.07	
10326	10362	250.46	80	100	87.85	0.2	1.33	
10327	10363	252.67	100	100	155.98	0.23	1.3	
10328	10364	28.38	100	100	336.25	0.5	5.4	
10329	10365	63.51	100	100	34.32	0.05	0.08	
10330	10366	23.18	100	100	83.25	0.12	0.41	
10331	10367	88.16	100	100	54.82	0.08	0.19	
10332	10368	147.4	100	100	26.96	0.04	0.05	
10333	10369	142.61	100	100	11.61	0.02	0.01	
10334	10370	136.9	100	100	11.71	0.02	0.01	
10335	10371	136.21	100	100	9.00	0.01	0.01	
10336	10372	133.42	100	100	8.86	0.01	0.01	
10337	10373	128.9	100	100	9.11	0.01	0.01	
10338	10374	35.06	150	100	125.92	0.08	0.12	
10339	10375	151.69	200	100	185.63	0.07	0.06	
10340	10376	163.1	100	100	177.98	0.26	1.66	
10341	10377	316.9	80	100	160.49	0.37	4.07	
10342	10378	166.76	80	100	223.01	0.51	7.48	
10343	10379	54.69	80	100	9.43	0.02	0.02	
10344	10380	425.23	100	100	246.03	0.36	3.02	
10345	10381	16.13	80	100	22.62	0.05	0.11	
10346	10382	259.95	300	100	2194.60	0.36	0.83	
10347	10383	30	300	100	3995.19	0.65	2.5	
10348	10384	38.76	300	100	4302.87	0.7	2.87	
10349	10385	97.08	300	100	5995.60	0.98	5.31	
10350	10386	114.32	100	100	59.23	0.09	0.22	
10351	10387	131.34	80	100	44.06	0.1	0.37	
10352	10388	63.28	200	100	1479.97	0.55	2.87	
10353	10389	109.52	200	100	652.80	0.24	0.63	
10354	10390	48.99	100	100	31.37	0.05	0.07	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
10355	10391	85.38	100	100	106.48	0.16	0.64	
10356	10392	126.95	100	100	73.43	0.11	0.32	
10357	10393	115.4	100	100	123.79	0.18	0.85	
10358	10394	67.12	100	100	99.23	0.15	0.56	
10359	10395	54.52	150	100	437.54	0.29	1.22	
10360	10396	56.91	100	100	335.47	0.49	5.37	
10361	10397	54.72	150	100	770.94	0.5	3.48	
10362	10398	55.88	150	100	630.33	0.41	2.4	
10363	10399	119.94	200	100	524.82	0.19	0.42	
10364	10400	56.37	100	100	171.98	0.25	1.56	
10365	10401	110.47	150	100	352.85	0.23	0.82	
10366	10402	159.97	100	100	127.53	0.19	0.9	
10367	10403	155.54	100	100	96.28	0.14	0.53	
10368	10404	56.8	80	100	70.52	0.16	0.89	
10369	10405	97.2	300	100	14.75	0	0	
10370	10406	8.59	300	100	6510.54	1.07	6.19	
10371	10407	52.84	150	100	288.43	0.19	0.56	
10372	10408	155.18	100	100	76.94	0.11	0.35	
10373	10409	161.72	100	100	46.06	0.07	0.14	
10374	10410	53.94	400	100	4656.91	0.43	0.82	
10375	10411	25.86	100	100	81.90	0.12	0.39	
10376	10412	56.21	200	100	269.07	0.1	0.12	
10377	10413	61.38	150	100	355.20	0.23	0.83	
10378	10414	52.51	150	100	684.51	0.45	2.79	
10379	10415	52.61	200	100	889.29	0.33	1.12	
10380	10416	153.51	200	100	278.35	0.1	0.13	
10381	10417	60.49	200	100	781.20	0.29	0.88	
10382	10418	152.61	100	100	47.81	0.07	0.15	
10383	10419	52.33	200	100	716.47	0.26	0.75	
10384	10420	22.57	200	100	747.29	0.28	0.81	
10385	10421	153.31	100	100	73.87	0.11	0.33	
10386	10422	131.38	200	100	994.57	0.37	1.37	
10387	10423	306.97	80	100	82.01	0.19	1.17	
10388	10424	54.68	80	100	138.45	0.32	3.09	
10389	10425	33.18	100	100	128.45	0.19	0.91	
10390	10426	44.05	100	100	75.98	0.11	0.34	
10391	10427	30.08	80	100	84.28	0.19	1.23	
10392	10428	109.29	150	100	578.07	0.38	2.04	
10393	10429	91.24	80	100	21.16	0.05	0.1	
10394	10430	75.09	150	100	117.23	0.08	0.11	
10395	10431	44.29	800	100	32374.69	0.75	1.02	
10396	10432	21.08	600	100	18123.87	0.74	1.41	
10397	10433	43.63	600	100	18649.09	0.76	1.48	
10398	10434	152.52	150	100	429.79	0.28	1.18	
10399	10435	33.47	100	100	83.21	0.12	0.41	
10400	10436	77.1	150	100	394.74	0.26	1.01	
10401	10437	72.89	150	100	3.83	0	0	
10402	10438	112.44	150	100	129.39	0.08	0.13	
10403	10439	34.03	100	100	6.20	0.01	0	
10404	10440	122.96	100	100	115.66	0.17	0.75	
10405	10441	177.06	100	100	78.92	0.12	0.37	
10406	10442	154.63	150	100	154.54	0.1	0.18	
10407	10443	103.66	100	100	27.66	0.04	0.05	
10408	10444	74.96	100	100	75.84	0.11	0.34	
10409	10445	155.33	300	100	1394.80	0.23	0.36	
10410	10446	15.66	500	100	30552.81	1.8	9	
10411	10447	142.74	100	100	60.80	0.09	0.23	
10412	10448	114.87	150	100	244.80	0.16	0.42	
10413	10449	116.93	150	100	285.83	0.19	0.55	
10414	10450	71.93	150	100	276.70	0.18	0.52	
10415	10451	67.36	150	100	115.88	0.08	0.1	
10416	10452	53.89	150	100	61.92	0.04	0.03	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
10417	10453	56.21	100	100	77.28	0.11	0.35	
10418	10454	63.43	150	100	278.02	0.18	0.53	
10419	10455	123.11	80	100	59.86	0.14	0.65	
10420	10456	120.83	100	100	85.99	0.13	0.43	
10421	10457	91.84	150	100	365.02	0.24	0.87	
10422	10458	93.57	100	100	129.22	0.19	0.92	
10423	10459	225.86	100	100	98.35	0.14	0.55	
10424	10460	134.19	100	100	39.02	0.06	0.1	
10425	10461	65.66	100	100	81.44	0.12	0.39	
10426	10462	64.59	100	100	17.37	0.03	0.02	
10427	10463	56.35	100	100	56.00	0.08	0.2	
10428	10464	112.71	150	100	278.78	0.18	0.53	
10429	10465	48.65	100	100	83.98	0.12	0.41	
10430	10466	60.01	100	100	42.75	0.06	0.12	
10431	10467	74.47	150	100	0.86	0	0	
10432	10468	123.53	100	100	37.09	0.05	0.09	
10433	10469	72.09	150	100	22.12	0.01	0	
10434	10470	9.21	150	100	2848.45	1.87	39.16	
10435	10471	72.19	150	100	15.85	0.01	0	
10436	10472	92.01	100	100	19.21	0.03	0.03	
10437	10473	100.04	100	100	78.70	0.12	0.37	
10438	10474	115.69	500	100	14293.84	0.84	2.2	
10439	10475	165.41	100	100	107.78	0.16	0.66	
10440	10476	105.58	100	100	3.39	0.01	0	
10441	10477	80.2	100	100	31.12	0.05	0.07	
10442	10478	65.61	150	100	106.38	0.07	0.09	
10443	10479	44.54	100	100	116.13	0.17	0.75	
10444	10480	114.25	100	100	9.28	0.01	0.01	
10445	10481	349	150	100	531.98	0.35	1.75	
10446	10482	53.53	100	100	170.30	0.25	1.53	
10447	10483	52.3	100	100	115.93	0.17	0.75	
10448	10484	82.74	100	100	89.66	0.13	0.47	
10449	10485	83.22	100	100	86.19	0.13	0.43	
10450	10486	63	100	100	60.44	0.09	0.22	
10451	10487	287.6	150	100	371.06	0.24	0.9	
10452	10488	35.83	150	100	283.56	0.19	0.55	
10453	10489	270.5	100	100	81.13	0.12	0.39	
10454	10490	92.22	150	100	24.48	0.02	0.01	
10455	10491	51.48	150	100	44.58	0.03	0.02	
10456	10492	100.97	100	100	23.80	0.04	0.04	
10457	10493	117.7	150	100	19.05	0.01	0	
10458	10494	34.32	150	100	2.41	0	0	
10459	10495	56.44	150	100	22.28	0.01	0	
10460	10496	73.92	150	100	56.98	0.04	0.03	
10461	10497	135.45	200	100	67.81	0.02	0.01	
10462	10498	121.42	200	100	268.03	0.1	0.12	
10463	10499	125.77	100	100	15.04	0.02	0.02	
10464	10500	122.92	100	100	4.62	0.01	0	
10465	10501	127.53	100	100	8.70	0.01	0.01	
10466	10502	68.14	100	100	49.00	0.07	0.15	
10467	10503	63.37	100	100	39.49	0.06	0.1	
10468	10504	61.48	100	100	6.88	0.01	0	
10469	10505	62.64	150	100	31.34	0.02	0.01	
10470	10506	62.24	150	100	14.64	0.01	0	
10471	10507	59.44	150	100	45.34	0.03	0.02	
10472	10508	123.77	100	100	9.88	0.01	0.01	
10473	10509	55.63	150	100	47.02	0.03	0.02	
10474	10510	62.88	150	100	65.68	0.04	0.04	
10475	10511	24.77	100	100	25.01	0.04	0.04	
10476	10512	122.58	150	100	11.40	0.01	0	
10477	10513	66.3	150	100	125.18	0.08	0.12	
10478	10514	120.52	80	100	18.52	0.04	0.07	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
10479	10515	116.92	100	100	57.31	0.08	0.2	
10480	10516	134.61	100	100	43.86	0.06	0.12	
10481	10517	187.27	200	100	463.50	0.17	0.33	
10482	10518	33.95	200	100	1482.67	0.55	2.88	
10483	10519	28.26	200	100	741.18	0.27	0.8	
10484	10520	140.54	200	100	594.01	0.22	0.53	
10485	10521	514.43	300	100	1057.78	0.17	0.21	
10486	10522	71.25	200	100	483.94	0.18	0.36	
10487	10523	125.5	100	100	39.99	0.06	0.1	
10488	10524	66.23	100	100	53.06	0.08	0.18	
10489	10525	102.61	100	100	23.64	0.03	0.04	
10490	10526	68.6	100	100	11.02	0.02	0.01	
10491	10527	60.84	100	100	36.19	0.05	0.09	
10492	10528	92.65	100	100	22.76	0.03	0.04	
10493	10529	71.15	100	100	16.54	0.02	0.02	
10494	10530	71.38	100	100	78.65	0.12	0.37	
10495	10531	65.42	80	100	34.19	0.08	0.23	
10496	10532	11.85	80	100	23.74	0.05	0.12	
10497	10533	97.73	150	100	37.66	0.02	0.01	
10498	10534	242.46	100	100	12.13	0.02	0	
10499	10535	112.45	100	100	31.17	0.05	0.07	
10500	10536	53.94	100	100	129.52	0.19	0.92	
10501	10537	109.94	100	100	178.35	0.26	1.67	
10502	10538	61	100	100	23.71	0.03	0.04	
10503	10539	22.8	100	100	20.49	0.03	0.03	
10504	10540	102.62	150	100	1321.30	0.87	9.44	
10505	10541	38.38	150	100	117.59	0.08	0.11	
10506	10542	65.06	150	100	173.04	0.11	0.22	
10507	10543	144.33	150	100	1118.03	0.73	6.93	
10508	10544	76.51	150	100	247.90	0.16	0.43	
10509	10545	64.53	150	100	839.58	0.55	4.08	
10510	10546	135.72	150	100	38.16	0.02	0.01	
10511	10547	138.53	100	100	7.34	0.01	0	
10512	10548	176.03	100	100	4.34	0.01	0	
10513	10549	110.24	800	100	10561.06	0.24	0.13	
10514	10550	128.03	400	100	7851.91	0.72	2.16	
10515	10551	134.82	400	100	8469.27	0.78	2.48	
10516	10552	108.58	400	100	7853.92	0.72	2.16	
10517	10553	124.55	150	100	23.56	0.02	0.01	
10518	10554	146.22	300	100	8607.88	1.41	10.37	
10519	10555	105.5	300	100	7736.88	1.27	8.51	
10520	10556	56.6	100	100	376.70	0.56	6.66	
10521	10557	515.61	100	100	255.19	0.38	3.23	
10522	10558	198.24	200	100	387.62	0.14	0.24	
10523	10559	496.21	100	100	284.53	0.42	3.96	
10524	10560	23.51	100	100	17.60	0.03	0.02	
10525	10561	19.77	300	100	34.89	0.01	0	
10526	10562	516.87	100	100	145.76	0.21	1.15	
10527	10563	120.73	150	100	456.09	0.3	1.32	
10528	10564	380.75	100	100	78.93	0.12	0.37	
10529	10565	26.98	100	100	396.48	0.58	7.32	
10530	10566	285.44	100	100	12.96	0.02	0.01	
10531	10567	150.77	300	100	1722.09	0.28	0.53	
10532	10568	137.31	150	100	611.08	0.4	2.26	
10533	10569	67.85	400	100	10041.67	0.92	3.4	
10534	10570	88.4	400	100	10308.30	0.95	3.57	
10535	10571	30.61	100	100	47.01	0.07	0.14	
10536	10572	34.66	100	100	18.56	0.03	0.03	
10537	10573	82.72	100	100	380.18	0.56	6.77	
10538	10574	62.29	150	100	1408.49	0.92	10.63	
10539	10575	55.2	150	100	1291.99	0.85	9.06	
10540	10576	64.41	150	100	474.45	0.31	1.42	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
10541	10577	62.77	100	100	508.41	0.75	11.6	
10542	10578	12.31	100	100	667.45	0.98	19.2	
10543	10579	61.6	100	100	541.96	0.8	13.06	
10544	10580	142.82	150	100	53.18	0.03	0.02	
10545	10581	76.9	100	100	372.28	0.55	6.51	
10546	10582	133.98	150	100	249.98	0.16	0.43	
10547	10583	120.89	100	100	195.35	0.29	1.97	
10548	10584	117.03	100	100	222.43	0.33	2.51	
10549	10585	104.35	150	100	318.01	0.21	0.68	
10550	10586	64.72	100	100	477.17	0.7	10.32	
10551	10587	114.27	150	100	345.17	0.23	0.79	
10552	10588	64.8	100	100	614.50	0.91	16.48	
10553	10589	130.55	150	100	293.29	0.19	0.58	
10554	10590	64.58	100	100	737.15	1.09	23.08	
10555	10591	145	150	100	134.69	0.09	0.14	
10556	10592	115.78	100	100	5.48	0.01	0	
10557	10593	108.38	150	100	410.58	0.27	1.08	
10558	10594	113.85	100	100	297.65	0.44	4.3	
10559	10595	146.36	100	100	247.51	0.36	3.06	
10560	10596	21.84	100	100	1232.28	1.82	59.79	
10561	10597	63.24	100	100	536.62	0.79	12.82	
10562	10598	144.2	100	100	37.72	0.06	0.09	
10563	10599	131.97	150	100	15.76	0.01	0	
10564	10600	76.07	100	100	367.48	0.54	6.36	
10565	10601	83.88	100	100	421.51	0.62	8.2	
10566	10602	132.74	150	100	123.77	0.08	0.12	
10567	10603	140.84	100	100	48.04	0.07	0.15	
10568	10604	146.24	100	100	166.73	0.25	1.47	
10569	10605	301.14	80	100	507.66	1.17	34.31	
10570	10606	46.56	100	100	70.21	0.1	0.3	
10571	10607	20.06	100	100	148.66	0.22	1.19	
10572	10608	96.81	100	100	38.05	0.06	0.1	
10573	10609	174.22	100	100	39.11	0.06	0.1	
10574	10610	110.08	100	100	0.00	0	0	
10575	10611	78.23	100	100	38.09	0.06	0.1	
10576	10612	43.03	150	100	191.35	0.13	0.26	
10577	10613	96.91	100	100	60.16	0.09	0.22	
10578	10614	69.62	100	100	7.45	0.01	0	
10579	10615	90.61	100	100	28.43	0.04	0.06	
10580	10616	93.93	100	100	21.45	0.03	0.03	
10581	10617	21.49	200	100	2300.27	0.85	6.49	
10582	10618	157.02	250	100	71.74	0.02	0	
10583	10619	32.78	100	100	35.79	0.05	0.09	
10584	10620	81.35	150	100	129.58	0.08	0.13	
10585	10621	22.28	150	100	0.00	0	0	
10586	10622	72.69	200	100	671.31	0.25	0.66	
10587	10623	152.29	200	100	491.60	0.18	0.37	
10588	10624	159.08	150	100	81.00	0.05	0.05	
10589	10625	141.68	150	100	179.84	0.12	0.23	
10590	10626	99.56	150	100	848.71	0.56	4.16	
10591	10628	18.08	150	100	1881.37	1.23	18.16	
10592	10630	157.38	100	100	15.61	0.02	0.02	
10593	10631	18.11	150	100	0.00	0	0	
10594	10632	75.4	150	100	62.94	0.04	0.03	
10595	10633	229.89	150	100	616.27	0.4	2.3	
10596	10634	18.73	150	100	755.32	0.49	3.35	
10597	10635	84.28	150	100	758.21	0.5	3.37	
10598	10636	163.16	150	100	254.33	0.17	0.45	
10599	10637	201.57	150	100	258.19	0.17	0.46	
10600	10638	116.25	150	100	48.83	0.03	0.02	
10601	10639	83.79	150	100	204.97	0.13	0.3	
10602	10640	21.52	150	100	475.92	0.31	1.42	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
10603	10641	160.17	150	100	78.15	0.05	0.05	
10604	10642	77.98	150	100	45.04	0.03	0.02	
10605	10643	78.02	150	100	60.88	0.04	0.03	
10606	10644	51.56	150	100	95.70	0.06	0.07	
10607	10645	75.87	100	100	191.17	0.28	1.9	
10608	10646	168.44	150	100	230.88	0.15	0.37	
10609	10647	8645.16	80	100	122.82	0.28	2.48	
10610	10648	230.12	100	100	8.69	0.01	0.01	
10611	10649	246.94	100	100	110.49	0.16	0.69	
10612	10651	70.3	150	100	445.41	0.29	1.26	
10613	10652	66.97	80	100	36.85	0.08	0.27	
10614	10653	29.85	150	100	285.16	0.19	0.55	
10615	10654	65.03	100	100	102.83	0.15	0.6	
10616	10655	24.99	150	100	300.98	0.2	0.61	
10617	10656	32.52	100	100	51.42	0.08	0.17	
10618	10657	108.06	100	100	14.14	0.02	0.02	
10619	10658	28.31	800	100	8980.58	0.21	0.09	
10620	10659	1035.15	800	100	6763.81	0.16	0.06	
10621	10660	180.02	800	100	16380.29	0.38	0.29	
10622	10661	893.57	800	100	18170.43	0.42	0.35	
10623	10662	54.28	800	100	15093.19	0.35	0.25	
10624	10663	52.25	800	100	18075.40	0.42	0.35	
10625	10664	137.07	800	100	14149.65	0.33	0.22	
10626	10665	382.18	800	100	3695.12	0.09	0.02	
10627	10666	52.32	800	100	51023.79	1.17	2.36	
10628	10667	437.94	800	100	13006.42	0.3	0.19	
10629	10668	652.74	80	100	7.66	0.02	0.01	
10630	10669	164.73	80	100	18.61	0.04	0.08	
10631	10670	75.77	80	100	16.36	0.04	0.06	
10632	10671	186.62	80	100	18.91	0.04	0.08	
10633	10672	169.1	80	100	33.51	0.08	0.22	
10634	10673	30.57	80	100	107.33	0.25	1.93	
10635	10674	115.14	80	100	118.95	0.27	2.33	
10636	10675	102.91	80	100	126.51	0.29	2.62	
10637	10676	147.72	80	100	15.76	0.04	0.06	
10638	10677	46.46	80	100	264.89	0.61	10.28	
10639	10678	32.46	80	100	71.58	0.16	0.91	
10640	10679	69.07	80	100	47.30	0.11	0.42	
10641	10680	94.67	80	100	123.32	0.28	2.5	
10642	10681	326.81	150	100	46.05	0.03	0.02	
10643	10682	54.77	80	100	11.40	0.03	0.03	
10644	10684	242.09	100	100	36.83	0.05	0.09	
10645	10685	115.74	100	100	14.09	0.02	0.01	
10646	10686	252.18	100	100	56.15	0.08	0.2	
10647	10687	31.1	80	100	150.06	0.35	3.59	
10648	10688	185.63	150	100	115.89	0.08	0.1	
10649	10689	105.16	80	100	65.31	0.15	0.77	
10650	10690	32.12	80	100	23.15	0.05	0.11	
10651	10691	35.88	80	100	47.08	0.11	0.42	
10652	10692	29.27	80	100	45.98	0.11	0.4	
10653	10693	173.55	80	100	4.04	0.01	0	
10654	10694	67.63	80	100	159.47	0.37	4.02	
10655	10695	68.02	80	100	39.47	0.09	0.3	
10656	10696	76.36	80	100	45.56	0.1	0.39	
10657	10697	71.2	80	100	105.61	0.24	1.87	
10658	10698	81.39	80	100	73.34	0.17	0.95	
10659	10699	258.43	80	100	113.67	0.26	2.15	
10660	10700	161.82	80	100	99.20	0.23	1.67	
10661	10701	115.03	80	100	81.45	0.19	1.16	
10662	10702	70.09	100	100	37.68	0.06	0.09	
10663	10703	169.41	80	100	89.41	0.21	1.38	
10664	10704	126.29	80	100	79.65	0.18	1.11	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
10665	10705	199.44	80	100	989.06	2.28	117.98	
10666	10706	317.88	80	100	92.71	0.21	1.47	
10667	10707	59.87	80	100	41.98	0.1	0.34	
10668	10708	62.59	80	100	116.54	0.27	2.25	
10669	10709	31.21	80	100	3.84	0.01	0	
10670	10710	41.48	80	100	276.21	0.64	11.11	
10671	10711	28.94	80	100	141.70	0.33	3.23	
10672	10712	78.4	80	100	47.40	0.11	0.42	
10673	10713	120.46	80	100	11.39	0.03	0.03	
10674	10714	38.03	80	100	1.09	0	0	
10675	10715	31.88	80	100	139.78	0.32	3.15	
10676	10716	58.48	80	100	131.19	0.3	2.8	
10677	10717	121.04	80	100	1.90	0	0	
10678	10718	103.17	80	100	73.65	0.17	0.96	
10679	10719	108.8	80	100	80.56	0.19	1.13	
10680	10720	21.76	80	100	191.44	0.44	5.64	
10681	10721	154.58	80	100	106.24	0.24	1.89	
10682	10722	32.36	80	100	135.36	0.31	2.97	
10683	10723	89.49	80	100	52.52	0.12	0.51	
10684	10724	36.35	80	100	139.13	0.32	3.12	
10685	10725	176.68	80	100	29.93	0.07	0.18	
10686	10726	26.78	80	100	58.53	0.13	0.63	
10687	10727	27.13	80	100	182.53	0.42	5.16	
10688	10728	142.86	80	100	53.01	0.12	0.52	
10689	10729	86.53	80	100	83.33	0.19	1.21	
10690	10730	25.69	80	100	240.66	0.55	8.61	
10691	10731	261.33	80	100	78.78	0.18	1.09	
10692	10732	59.72	80	100	0.76	0	0	
10693	10733	29.97	80	100	133.07	0.31	2.87	
10694	10734	333.99	80	100	124.04	0.29	2.52	
10695	10735	26.91	80	100	6.16	0.01	0.01	
10696	10736	265.49	80	100	136.31	0.31	3	
10697	10737	109.29	80	100	60.90	0.14	0.68	
10698	10738	77.63	80	100	50.04	0.12	0.47	
10699	10739	71.86	80	100	136.59	0.31	3.02	
10700	10740	128.05	80	100	66.57	0.15	0.8	
10701	10741	212.11	80	100	62.25	0.14	0.7	
10702	10742	110.18	80	100	17.57	0.04	0.07	
10703	10743	111.95	80	100	32.01	0.07	0.21	
10704	10744	153.99	150	100	317.59	0.21	0.67	
10705	10745	65.08	80	100	133.59	0.31	2.89	
10706	10746	161.03	80	100	60.87	0.14	0.68	
10707	10747	295.92	100	100	8.91	0.01	0.01	
10708	10748	59.68	80	100	34.06	0.08	0.23	
10709	10749	85.08	80	100	76.81	0.18	1.04	
10710	10750	156.8	80	100	90.27	0.21	1.4	
10711	10751	35.55	80	100	93.48	0.22	1.49	
10712	10752	68.84	80	100	51.99	0.12	0.5	
10713	10753	187.9	80	100	196.80	0.45	5.93	
10714	10754	183.77	80	100	34.59	0.08	0.24	
10715	10755	67.13	80	100	47.88	0.11	0.43	
10716	10756	136.21	80	100	23.73	0.05	0.12	
10717	10757	87.71	80	100	146.40	0.34	3.43	
10718	10758	35.22	80	100	45.67	0.11	0.4	
10719	10759	69.79	80	100	4.95	0.01	0.01	
10720	10760	62.62	80	100	40.02	0.09	0.31	
10721	10761	74.35	80	100	35.98	0.08	0.25	
10722	10762	76.46	80	100	9.59	0.02	0.02	
10723	10763	41.33	80	100	35.10	0.08	0.24	
10724	10764	53.03	80	100	13.40	0.03	0.04	
10725	10765	51.34	80	100	10.66	0.02	0.03	
10726	10766	45.2	80	100	13.82	0.03	0.04	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
10727	10767	43.78	80	100	71.36	0.16	0.91	
10728	10768	163.01	80	100	7.02	0.02	0.01	
10729	10769	35.31	80	100	69.67	0.16	0.87	
10730	10770	156.77	80	100	14.11	0.03	0.05	
10731	10771	33.76	80	100	78.72	0.18	1.09	
10732	10772	31.11	80	100	74.82	0.17	0.99	
10733	10773	125.12	80	100	88.98	0.2	1.36	
10734	10774	30.9	80	100	118.91	0.27	2.33	
10735	10775	381.39	250	100	158.88	0.04	0.02	
10736	10776	330.08	80	100	708.05	1.63	63.53	
10737	10777	498.27	80	100	117.04	0.27	2.27	
10738	10778	116.06	80	100	7.51	0.02	0.01	
10739	10779	40.86	80	100	111.55	0.26	2.07	
10740	10780	36.56	80	100	100.23	0.23	1.7	
10741	10781	111.77	80	100	85.83	0.2	1.28	
10742	10782	89.43	80	100	44.06	0.1	0.37	
10743	10783	66.03	80	100	11.90	0.03	0.03	
10744	10784	291.41	80	100	148.22	0.34	3.51	
10745	10785	270.05	150	100	209.38	0.14	0.31	
10746	10786	61.16	80	100	6.81	0.02	0.01	
10747	10787	130.18	80	100	1038.87	2.39	129.22	
10748	10788	20.93	80	100	256.99	0.59	9.72	
10749	10789	57.25	80	100	18.71	0.04	0.08	
10750	10790	143.8	80	100	22.61	0.05	0.11	
10751	10791	67.66	80	100	101.06	0.23	1.73	
10752	10792	88.77	80	100	9.14	0.02	0.02	
10753	10793	175.71	150	100	118.80	0.08	0.11	
10754	10794	261.64	80	100	8.06	0.02	0.02	
10755	10795	149.55	80	100	10.74	0.02	0.03	
10756	10796	166.02	80	100	38.39	0.09	0.29	
10757	10797	38.75	80	100	17.96	0.04	0.07	
10758	10798	106.65	80	100	19.83	0.05	0.08	
10759	10799	876.98	80	100	20.97	0.05	0.09	
10760	10800	118.12	80	100	134.85	0.31	2.95	
10761	10801	691.17	80	100	18.20	0.04	0.07	
10762	10802	77.68	80	100	11.30	0.03	0.03	
10763	10803	109.84	80	100	136.42	0.31	3.01	
10764	10804	192.76	80	100	101.34	0.23	1.74	
10765	10805	117.49	80	100	14.78	0.03	0.05	
10766	10806	284.22	80	100	7.97	0.02	0.02	
10767	10807	6.03	80	100	2.41	0.01	0	
10768	10808	111.4	80	100	35.42	0.08	0.25	
10769	10809	31.26	80	100	27.13	0.06	0.15	
10770	10810	184.28	80	100	78.72	0.18	1.09	
10771	10811	189.31	80	100	11.64	0.03	0.03	
10772	10812	208.22	80	100	23.19	0.05	0.11	
10773	10813	85.15	80	100	20.42	0.05	0.09	
10774	10814	86.2	80	100	34.52	0.08	0.24	
10775	10815	122.41	80	100	143.07	0.33	3.29	
10776	10816	279.08	80	100	8.98	0.02	0.02	
10777	10817	28.74	80	100	37.63	0.09	0.28	
10778	10818	33.93	80	100	222.38	0.51	7.44	
10779	10819	280.39	80	100	22.94	0.05	0.11	
10780	10820	688.13	80	100	354.53	0.82	17.64	
10781	10821	154.21	80	100	25.76	0.06	0.14	
10782	10822	140.47	80	100	4.44	0.01	0.01	
10783	10823	1026.33	80	100	58.65	0.14	0.63	
10784	10824	250.01	80	100	70.54	0.16	0.89	
10785	10825	5.75	700	100	5644.90	0.17	0.08	
10786	10826	45.22	700	100	10054.33	0.3	0.22	
10787	10827	104.08	700	100	39479.91	1.19	2.81	
10788	10828	35.08	700	100	45173.52	1.36	3.61	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
10789	10829	3919.28	700	100	17117.19	0.51	0.6	
10790	10830	965.41	700	100	38211.47	1.15	2.64	
10791	10831	1007.24	700	100	33835.00	1.02	2.11	
10792	10832	89.76	700	100	35927.23	1.08	2.36	
10793	10833	469.92	700	100	62303.47	1.87	6.54	
10794	10834	162.3	600	100	15061.34	0.62	1	
10795	10835	154.99	600	100	3068.69	0.13	0.05	
10796	10836	73.08	600	100	15641.25	0.64	1.07	
10797	10837	255.95	600	100	32216.99	1.32	4.09	
10798	10838	44.29	600	100	9881.73	0.4	0.46	
10799	10839	59.94	600	100	9881.73	0.4	0.46	
10800	10840	513.49	600	100	27419.30	1.12	3.03	
10801	10841	535.52	600	100	21657.75	0.89	1.96	
10802	10842	29.52	600	100	22284.23	0.91	2.06	
10803	10843	922.47	600	100	11577.40	0.47	0.61	
10804	10844	69.87	600	100	5644.90	0.23	0.16	
10805	10845	531.4	500	100	26.57	0	0	
10806	10846	194.65	500	100	575.68	0.03	0.01	
10807	10847	111.59	500	100	6233.40	0.37	0.47	
10808	10848	36.87	500	100	6454.81	0.38	0.51	
10809	10849	116.52	500	100	5768.07	0.34	0.41	
10810	10850	41.72	500	100	5688.59	0.34	0.4	
10811	10851	201.33	500	100	3410.53	0.2	0.16	
10812	10852	206.45	500	100	9101.34	0.54	0.96	
10813	10853	62.01	500	100	9881.74	0.58	1.11	
10814	10854	14.04	500	100	5024.34	0.3	0.32	
10815	10855	60.51	500	100	5158.28	0.3	0.33	
10816	10856	55.85	500	100	18972.66	1.12	3.72	
10817	10857	717.47	500	100	15.60	0	0	
10818	10858	278.35	500	100	64.76	0	0	
10819	10859	359.03	500	100	11580.15	0.68	1.49	
10820	10860	429.23	500	100	16124.21	0.95	2.76	
10821	10861	344.66	500	100	2525.42	0.15	0.09	
10822	10862	5.68	500	100	2752.57	0.16	0.1	
10823	10863	554.64	500	100	929.89	0.05	0.01	
10824	10864	158.5	500	100	13448.28	0.79	1.97	
10825	10865	9.56	500	100	2134.14	0.13	0.07	
10826	10866	483.71	500	100	19256.61	1.14	3.83	
10827	10867	626.76	500	100	3682.46	0.22	0.18	
10828	10868	56.74	400	100	4583.05	0.42	0.8	
10829	10869	82.49	400	100	4507.07	0.42	0.77	
10830	10870	57.14	400	100	4538.07	0.42	0.78	
10831	10871	53.06	400	100	4550.84	0.42	0.78	
10832	10872	175.34	400	100	4827.84	0.44	0.88	
10833	10873	310.27	400	100	2596.03	0.24	0.28	
10834	10874	91.17	400	100	67.46	0.01	0	
10835	10875	79.73	400	100	45.78	0	0	
10836	10876	116.97	400	100	11.29	0	0	
10837	10877	50.81	400	100	7341.27	0.68	1.9	
10838	10878	110.06	400	100	5684.25	0.52	1.18	
10839	10879	62.08	400	100	4601.32	0.42	0.8	
10840	10880	36.9	400	100	8422.76	0.78	2.45	
10841	10881	34.57	400	100	8799.20	0.81	2.66	
10842	10882	40	400	100	4259.16	0.39	0.69	
10843	10883	58.32	400	100	97.78	0.01	0	
10844	10884	78.99	400	100	2463.40	0.23	0.25	
10845	10885	111.31	400	100	4107.39	0.38	0.65	
10846	10886	149.47	150	100	1448.84	0.95	11.2	
10847	10887	72.27	400	100	7435.17	0.68	1.95	
10848	10888	75.74	400	100	7373.77	0.68	1.92	
10849	10889	16.28	400	100	10551.25	0.97	3.73	
10850	10890	67.94	400	100	8641.66	0.8	2.57	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
10851	10891	69.78	400	100	7940.15	0.73	2.2	
10852	10892	85.05	400	100	7678.17	0.71	2.07	
10853	10893	66.89	400	100	2728.82	0.25	0.3	
10854	10894	429.37	400	100	1762.22	0.16	0.14	
10855	10895	138.59	400	100	1971.28	0.18	0.17	
10856	10896	170.82	400	100	5644.90	0.52	1.17	
10857	10897	238.42	400	100	390.55	0.04	0.01	
10858	10898	69.35	350	100	4301.56	0.52	1.35	
10859	10899	64.99	350	100	584.02	0.07	0.03	
10860	10900	37.33	350	100	4257.34	0.51	1.33	
10861	10901	35.18	350	100	234.34	0.03	0.01	
10862	10902	27.44	350	100	462.96	0.06	0.02	
10863	10903	111.73	300	100	1480.71	0.24	0.4	
10864	10904	210.64	300	100	1953.94	0.32	0.67	
10865	10905	30.34	300	100	4128.89	0.68	2.66	
10866	10906	115.5	300	100	2224.12	0.36	0.85	
10867	10907	93.56	300	100	1290.77	0.21	0.31	
10868	10908	241.68	300	100	119.27	0.02	0	
10869	10909	429.54	300	100	3438.27	0.56	1.9	
10870	10910	33.3	300	100	1077.00	0.18	0.22	
10871	10911	227.24	300	100	3461.27	0.57	1.92	
10872	10912	234.75	300	100	1944.26	0.32	0.66	
10873	10913	154.41	300	100	1191.21	0.2	0.27	
10874	10914	93.57	300	100	1292.09	0.21	0.31	
10875	10915	229.17	300	100	4714.50	0.77	3.4	
10876	10916	24.01	300	100	3793.69	0.62	2.27	
10877	10917	37.86	300	100	3757.94	0.62	2.24	
10878	10918	115	300	100	3645.38	0.6	2.11	
10879	10919	257.76	300	100	1287.78	0.21	0.31	
10880	10920	114.58	300	100	1242.32	0.2	0.29	
10881	10921	70.7	300	100	1809.71	0.3	0.58	
10882	10922	18.62	300	100	5773.57	0.95	4.95	
10883	10923	37.95	300	100	5359.52	0.88	4.31	
10884	10924	91.09	300	100	315.64	0.05	0.02	
10885	10925	39.57	300	100	660.59	0.11	0.09	
10886	10926	120.62	300	100	386.08	0.06	0.03	
10887	10927	33.11	300	100	223.86	0.04	0.01	
10888	10928	152.84	300	100	2016.08	0.33	0.71	
10889	10929	234.33	80	100	18.85	0.04	0.08	
10890	10930	464.86	300	100	1901.88	0.31	0.63	
10891	10931	158.51	300	100	144.24	0.02	0.01	
10892	10932	23.25	300	100	634.40	0.1	0.08	
10893	10933	32.65	300	100	1328.66	0.22	0.33	
10894	10934	167.64	300	100	31.38	0.01	0	
10895	10935	95.77	300	100	59.53	0.01	0	
10896	10936	335.76	300	100	1220.42	0.2	0.28	
10897	10937	432.3	300	100	543.60	0.09	0.06	
10898	10938	801.55	200	100	53.12	0.02	0.01	
10899	10939	354.34	500	100	201.84	0.01	0	
10900	10940	399.21	300	100	3410.18	0.56	1.87	
10901	10941	117.6	300	100	859.77	0.14	0.15	
10902	10942	72.19	300	100	3716.50	0.61	2.19	
10903	10943	260.74	300	100	2827.60	0.46	1.32	
10904	10944	139.86	300	100	1755.83	0.29	0.55	
10905	10945	106.24	300	100	1070.29	0.18	0.22	
10906	10946	18.86	300	100	2325.92	0.38	0.92	
10907	10947	80.91	300	100	2245.14	0.37	0.86	
10908	10948	105.04	300	100	3514.25	0.58	1.97	
10909	10949	54.64	300	100	3381.04	0.55	1.84	
10910	10950	137.77	300	100	1290.92	0.21	0.31	
10911	10951	179.72	300	100	1531.56	0.25	0.42	
10912	10952	267.84	300	100	3272.11	0.54	1.73	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
10913	10953	178.44	300	100	3420.90	0.56	1.88	
10914	10954	34.15	300	100	894.64	0.15	0.16	
10915	10955	164.02	300	100	2156.54	0.35	0.8	
10916	10956	107.64	300	100	3845.39	0.63	2.33	
10917	10957	125.97	300	100	478.13	0.08	0.05	
10918	10958	16.25	300	100	3556.57	0.58	2.02	
10919	10959	84.97	300	100	706.02	0.12	0.1	
10920	10960	60.62	300	100	860.71	0.14	0.15	
10921	10961	17.2	300	100	5164.46	0.85	4.03	
10922	10962	286.82	300	100	4537.33	0.74	3.17	
10923	10963	32.78	300	100	882.63	0.14	0.15	
10924	10964	31.43	300	100	802.64	0.13	0.13	
10925	10965	177.51	300	100	126.09	0.02	0	
10926	10966	20.3	300	100	723.02	0.12	0.11	
10927	10967	22.55	300	100	1133.33	0.19	0.24	
10928	10968	116.84	300	100	3911.29	0.64	2.41	
10929	10969	257.45	300	100	3959.24	0.65	2.46	
10930	10970	44.41	300	100	4157.54	0.68	2.7	
10931	10971	288.76	300	100	2449.16	0.4	1.01	
10932	10972	154.57	300	100	434.28	0.07	0.04	
10933	10973	153.07	300	100	986.75	0.16	0.19	
10934	10974	109.88	300	100	2852.42	0.47	1.34	
10935	10975	31.89	300	100	2817.87	0.46	1.31	
10936	10976	79.03	300	100	5643.46	0.92	4.75	
10937	10977	59.76	200	100	133.16	0.05	0.03	
10938	10978	125.06	300	100	4248.40	0.7	2.81	
10939	10979	47.3	300	100	1024.49	0.17	0.2	
10940	10980	38.62	300	100	1321.68	0.22	0.32	
10941	10981	72.88	300	100	901.77	0.15	0.16	
10942	10982	26.01	300	100	1480.31	0.24	0.4	
10943	10983	153.14	300	100	1470.73	0.24	0.39	
10944	10984	132.13	300	100	953.29	0.16	0.18	
10945	10985	97.63	300	100	1559.82	0.26	0.44	
10946	10986	132.72	300	100	2285.05	0.37	0.89	
10947	10987	177.83	300	100	159.61	0.03	0.01	
10948	10988	35.8	300	100	133.10	0.02	0	
10949	10989	53.78	300	100	24.16	0	0	
10950	10990	44.09	300	100	94.16	0.02	0	
10951	10991	170.81	300	100	3651.10	0.6	2.12	
10952	10992	84.08	300	100	3550.94	0.58	2.01	
10953	10993	59.15	300	100	4014.94	0.66	2.53	
10954	10994	30.32	300	100	1719.73	0.28	0.53	
10955	10995	136.69	300	100	1676.35	0.27	0.5	
10956	10996	219.5	300	100	6126.59	1	5.53	
10957	10997	167.75	300	100	56.66	0.01	0	
10958	10998	62.99	300	100	404.82	0.07	0.04	
10959	10999	85.06	300	100	84.26	0.01	0	
10960	11000	34.52	300	100	68.48	0.01	0	
10961	11001	291.04	300	100	3161.95	0.52	1.62	
10962	11002	38.44	300	100	918.35	0.15	0.16	
10963	11003	164.89	300	100	628.31	0.1	0.08	
10964	11004	25.48	300	100	527.60	0.09	0.06	
10965	11005	116.98	300	100	3014.92	0.49	1.49	
10966	11006	66.65	300	100	1422.09	0.23	0.37	
10967	11007	17.01	300	100	45.04	0.01	0	
10968	11008	106.26	300	100	1486.10	0.24	0.4	
10969	11009	112.85	300	100	1030.21	0.17	0.2	
10970	11010	113.47	300	100	3165.96	0.52	1.63	
10971	11011	126.81	300	100	1749.41	0.29	0.54	
10972	11012	132.9	300	100	2329.05	0.38	0.92	
10973	11013	186.39	300	100	2064.78	0.34	0.74	
10974	11014	276.16	150	100	454.13	0.3	1.31	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
10975	11015	20.48	300	100	208.35	0.03	0.01	
10976	11016	20.33	300	100	216.87	0.04	0.01	
10977	11017	147.21	300	100	2890.78	0.47	1.38	
10978	11018	398.64	300	100	0.00	0	0	
10979	11019	213.49	300	100	1114.93	0.18	0.24	
10980	11020	178.52	300	100	2268.01	0.37	0.88	
10981	11021	172.53	300	100	3855.75	0.63	2.34	
10982	11022	19.86	300	100	3291.04	0.54	1.75	
10983	11023	322.29	300	100	242.21	0.04	0.01	
10984	11024	23.38	300	100	3728.61	0.61	2.2	
10985	11025	65.62	300	100	1432.98	0.23	0.37	
10986	11026	127.93	300	100	8440.29	1.38	10	
10987	11027	57.88	300	100	10664.24	1.75	15.43	
10988	11028	93.15	300	100	93.22	0.02	0	
10989	11029	11.37	300	100	12132.72	1.99	19.59	
10990	11030	114.16	300	100	8183.67	1.34	9.45	
10991	11031	22.11	300	100	4974.31	0.81	3.76	
10992	11032	723.01	300	100	2670.12	0.44	1.19	
10993	11033	57.09	300	100	2187.57	0.36	0.82	
10994	11034	552.35	300	100	1225.74	0.2	0.28	
10995	11035	12.04	300	100	347.16	0.06	0.03	
10996	11036	37.05	300	100	10567.65	1.73	15.17	
10997	11037	118.79	300	100	4159.56	0.68	2.7	
10998	11038	641.57	300	100	3932.07	0.64	2.43	
10999	11039	28.79	300	100	259.35	0.04	0.02	
11000	11040	163.13	300	100	5261.09	0.86	4.17	
11001	11041	496.96	300	100	4004.91	0.66	2.52	
11002	11042	496.59	300	100	3443.88	0.56	1.9	
11003	11043	42.02	300	100	333.77	0.05	0.03	
11004	11044	272.47	300	100	1208.02	0.2	0.27	
11005	11045	88.9	300	100	4688.64	0.77	3.37	
11006	11046	68.9	300	100	960.34	0.16	0.18	
11007	11047	706.54	200	100	33.56	0.01	0	
11008	11048	95.54	300	100	3945.75	0.65	2.45	
11009	11049	168.23	300	100	1119.77	0.18	0.24	
11010	11050	22.51	300	100	2415.69	0.4	0.99	
11011	11051	89.23	300	100	3687.28	0.6	2.16	
11012	11052	182.4	300	100	847.01	0.14	0.14	
11013	11053	20.47	300	100	694.15	0.11	0.1	
11014	11054	243.94	300	100	2082.14	0.34	0.75	
11015	11055	233.05	300	100	549.91	0.09	0.06	
11016	11056	330.55	300	100	78.70	0.01	0	
11017	11057	250.78	300	100	1514.27	0.25	0.42	
11018	11058	67.01	300	100	227.15	0.04	0.01	
11019	11059	175.63	300	100	25.06	0	0	
11020	11060	210.09	300	100	629.57	0.1	0.08	
11021	11061	198.97	300	100	1032.07	0.17	0.2	
11022	11062	85.69	300	100	7134.67	1.17	7.33	
11023	11063	1011.47	300	100	0.00	0	0	
11024	11064	706	300	100	159.57	0.03	0.01	
11025	11065	588.93	300	100	7037.98	1.15	7.15	
11026	11066	25.91	300	100	969.27	0.16	0.18	
11027	11067	385.99	300	100	959.24	0.16	0.18	
11028	11068	392.93	250	100	1542.12	0.36	1.04	
11029	11069	402.34	150	100	984.05	0.64	5.47	
11030	11070	582.86	250	100	222.91	0.05	0.03	
11031	11071	152.65	250	100	1624.91	0.38	1.15	
11032	11072	89.46	250	100	1574.88	0.37	1.09	
11033	11073	41.55	250	100	439.43	0.1	0.1	
11034	11074	16	250	100	472.22	0.11	0.12	
11035	11075	110.26	300	100	1467.80	0.24	0.39	
11036	11076	48.27	250	100	2712.00	0.64	2.97	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
11037	11077	35.58	250	100	1415.35	0.33	0.89	
11038	11078	29.61	250	100	1659.96	0.39	1.2	
11039	11079	978.06	300	100	106.27	0.02	0	
11040	11080	87.32	250	100	517.06	0.12	0.14	
11041	11081	27.88	250	100	911.39	0.21	0.39	
11042	11082	797.32	250	100	1166.82	0.28	0.62	
11043	11083	224.2	150	100	386.42	0.25	0.97	
11044	11084	150.2	2300	100	81647.27	0.23	0.03	
11045	11085	104.54	200	100	123.48	0.05	0.03	
11046	11086	89.99	200	100	77.06	0.03	0.01	
11047	11087	59.32	200	100	139.77	0.05	0.04	
11048	11088	178.25	150	100	308.71	0.2	0.64	
11049	11089	118.91	200	100	183.15	0.07	0.06	
11050	11090	257.07	200	100	635.87	0.23	0.6	
11051	11091	93.27	200	100	157.91	0.06	0.05	
11052	11093	161.88	80	100	117.08	0.27	2.27	
11053	11094	133.08	300	100	18.80	0	0	
11054	11095	99.34	200	100	254.36	0.09	0.11	
11055	11096	125.2	200	100	274.63	0.1	0.13	
11056	11097	95.82	200	100	294.05	0.11	0.14	
11057	11098	498.76	200	100	907.48	0.33	1.16	
11058	11099	312.92	200	100	703.01	0.26	0.72	
11059	11100	78.63	200	100	514.63	0.19	0.41	
11060	11101	38.37	200	100	492.64	0.18	0.37	
11061	11102	206.29	200	100	1087.92	0.4	1.62	
11062	11103	207.53	200	100	115.13	0.04	0.03	
11063	11104	390.28	200	100	455.14	0.17	0.32	
11064	11105	16.86	200	100	681.69	0.25	0.68	
11065	11106	68.73	200	100	642.93	0.24	0.61	
11066	11107	19.8	200	100	826.06	0.3	0.97	
11067	11108	103.88	200	100	1033.08	0.38	1.47	
11068	11109	24.52	200	100	945.16	0.35	1.25	
11069	11110	13.37	200	100	1080.38	0.4	1.6	
11070	11111	75.66	200	100	466.99	0.17	0.34	
11071	11112	171.98	150	100	372.89	0.24	0.91	
11072	11113	70.78	200	100	320.41	0.12	0.17	
11073	11114	74.34	200	100	474.21	0.17	0.35	
11074	11115	124.81	200	100	23.09	0.01	0	
11075	11116	29.25	200	100	597.45	0.22	0.53	
11076	11117	23.19	200	100	669.96	0.25	0.66	
11077	11118	133.1	200	100	398.78	0.15	0.25	
11078	11119	77.35	200	100	774.61	0.29	0.86	
11079	11120	85.27	200	100	870.18	0.32	1.07	
11080	11121	140.72	200	100	1019.79	0.38	1.44	
11081	11122	123.1	200	100	205.69	0.08	0.07	
11082	11123	195.59	200	100	726.45	0.27	0.77	
11083	11124	113.24	200	100	0.01	0	0	
11084	11125	75.89	200	100	44.00	0.02	0	
11085	11126	20.31	200	100	67.91	0.03	0.01	
11086	11127	63.97	200	100	318.74	0.12	0.17	
11087	11128	128.9	100	100	199.54	0.29	2.05	
11088	11129	13.3	200	100	256.75	0.09	0.11	
11089	11130	32.64	200	100	404.58	0.15	0.26	
11090	11131	28.53	200	100	418.19	0.15	0.28	
11091	11132	76.06	200	100	493.83	0.18	0.38	
11092	11133	61.17	200	100	714.48	0.26	0.74	
11093	11134	122.45	200	100	736.27	0.27	0.79	
11094	11135	104.13	200	100	609.47	0.22	0.55	
11095	11136	57.27	200	100	1024.11	0.38	1.45	
11096	11137	57.41	200	100	1117.85	0.41	1.71	
11097	11138	56.88	200	100	1093.15	0.4	1.64	
11098	11139	276.1	200	100	143.61	0.05	0.04	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
11099	11140	144.3	200	100	134.08	0.05	0.03	
11100	11141	142.03	200	100	531.89	0.2	0.43	
11101	11142	641.1	200	100	328.89	0.12	0.18	
11102	11143	64.04	200	100	130.35	0.05	0.03	
11103	11144	16.91	200	100	320.84	0.12	0.17	
11104	11145	30.16	200	100	251.62	0.09	0.11	
11105	11146	154.59	200	100	748.34	0.28	0.81	
11106	11147	50.11	200	100	613.49	0.23	0.56	
11107	11148	110.8	200	100	168.94	0.06	0.05	
11108	11149	33.84	200	100	688.68	0.25	0.7	
11109	11150	57.53	200	100	683.99	0.25	0.69	
11110	11151	27.33	100	100	157.44	0.23	1.32	
11111	11152	61.51	200	100	497.47	0.18	0.38	
11112	11153	149.99	200	100	623.62	0.23	0.58	
11113	11154	13.34	200	100	138.15	0.05	0.04	
11114	11155	370.95	200	100	438.38	0.16	0.3	
11115	11156	211.77	200	100	84.60	0.03	0.01	
11116	11157	81.96	200	100	1619.27	0.6	3.39	
11117	11158	180.89	200	100	51.06	0.02	0.01	
11118	11159	116.18	200	100	307.16	0.11	0.16	
11119	11160	77.14	200	100	428.55	0.16	0.29	
11120	11161	209.76	200	100	60.46	0.02	0.01	
11121	11162	53.07	200	100	961.19	0.35	1.29	
11122	11163	212.01	200	100	703.36	0.26	0.72	
11123	11164	12.76	200	100	893.69	0.33	1.13	
11124	11165	94.65	200	100	710.24	0.26	0.74	
11125	11166	211.08	200	100	0.00	0	0	
11126	11167	52.86	200	100	240.64	0.09	0.1	
11127	11168	87.9	200	100	182.01	0.07	0.06	
11128	11169	250.7	200	100	937.81	0.35	1.23	
11129	11170	106.51	200	100	921.40	0.34	1.19	
11130	11171	163.88	200	100	1646.31	0.61	3.49	
11131	11172	171.1	200	100	1660.13	0.61	3.55	
11132	11173	47	200	100	387.00	0.14	0.24	
11133	11174	58.58	200	100	615.39	0.23	0.56	
11134	11175	80.65	200	100	237.23	0.09	0.1	
11135	11176	163.2	200	100	534.85	0.2	0.44	
11136	11177	279.47	200	100	1578.40	0.58	3.23	
11137	11178	156.78	200	100	567.52	0.21	0.49	
11138	11179	434.34	200	100	1619.16	0.6	3.39	
11139	11180	70.72	200	100	92.97	0.03	0.02	
11140	11181	121.15	200	100	19.76	0.01	0	
11141	11182	145.55	200	100	18.84	0.01	0	
11142	11183	136.48	200	100	1040.37	0.38	1.49	
11143	11184	106.97	200	100	720.78	0.27	0.76	
11144	11185	208.81	200	100	1295.87	0.48	2.24	
11145	11186	157.77	200	100	1160.10	0.43	1.83	
11146	11187	75.47	200	100	2419.72	0.89	7.13	
11147	11188	28.06	200	100	225.12	0.08	0.09	
11148	11189	33.16	200	100	211.92	0.08	0.08	
11149	11190	127.26	200	100	317.97	0.12	0.17	
11150	11191	79.43	200	100	468.19	0.17	0.34	
11151	11192	29.87	200	100	1479.87	0.55	2.87	
11152	11193	38.43	200	100	616.84	0.23	0.57	
11153	11194	21.1	200	100	2300.27	0.85	6.49	
11154	11195	39.97	200	100	2029.60	0.75	5.15	
11155	11196	81.92	200	100	681.80	0.25	0.68	
11156	11197	536.83	200	100	769.75	0.28	0.85	
11157	11198	159.19	200	100	1417.18	0.52	2.65	
11158	11199	90.43	200	100	859.28	0.32	1.05	
11159	11200	327.66	200	100	1191.75	0.44	1.92	
11160	11201	110.92	200	100	1996.39	0.74	4.99	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
11161	11202	97.06	200	100	1795.20	0.66	4.1	
11162	11203	66.42	200	100	1802.68	0.66	4.13	
11163	11204	130.66	200	100	1452.47	0.54	2.77	
11164	11205	668.89	80	100	0.00	0	0	
11165	11206	28.71	200	100	2024.02	0.75	5.12	
11166	11207	114.78	200	100	471.00	0.17	0.34	
11167	11208	430.79	150	100	2007.63	1.31	20.48	
11168	11209	35.18	200	100	7.41	0	0	
11169	11210	197.58	200	100	984.52	0.36	1.35	
11170	11211	25.76	200	100	1269.05	0.47	2.16	
11171	11212	40.77	200	100	675.44	0.25	0.67	
11172	11213	39.08	200	100	729.80	0.27	0.77	
11173	11214	68.95	200	100	910.40	0.34	1.17	
11174	11215	34.8	200	100	975.71	0.36	1.33	
11175	11216	438.44	200	100	348.43	0.13	0.2	
11176	11217	116.8	200	100	412.48	0.15	0.27	
11177	11218	96.43	200	100	99.14	0.04	0.02	
11178	11219	123.69	200	100	0.32	0	0	
11179	11220	13.49	200	100	18.13	0.01	0	
11180	11221	163.39	200	100	107.48	0.04	0.02	
11181	11222	68.6	200	100	1325.58	0.49	2.34	
11182	11223	10.18	200	100	1462.24	0.54	2.81	
11183	11224	72.72	200	100	507.79	0.19	0.4	
11184	11225	78.46	200	100	294.80	0.11	0.14	
11185	11226	62.42	200	100	171.73	0.06	0.05	
11186	11227	37.83	200	100	964.72	0.36	1.3	
11187	11228	121.83	200	100	369.56	0.14	0.22	
11188	11229	121.61	200	100	274.45	0.1	0.13	
11189	11230	107.86	200	100	184.30	0.07	0.06	
11190	11231	41.8	200	100	1070.96	0.39	1.58	
11191	11232	98.16	200	100	343.05	0.13	0.19	
11192	11233	74.52	200	100	0.00	0	0	
11193	11234	127.15	200	100	1203.33	0.44	1.96	
11194	11235	44.74	200	100	968.30	0.36	1.31	
11195	11236	126.2	200	100	680.37	0.25	0.68	
11196	11237	251.71	200	100	61.48	0.02	0.01	
11197	11238	61.88	200	100	259.31	0.1	0.11	
11198	11239	149.26	200	100	449.43	0.17	0.32	
11199	11240	96.04	150	100	81.45	0.05	0.05	
11200	11241	48.8	200	100	588.69	0.22	0.52	
11201	11242	444.53	200	100	220.76	0.08	0.08	
11202	11243	443.15	200	100	521.22	0.19	0.42	
11203	11244	152.12	200	100	1586.12	0.58	3.26	
11204	11245	111.53	200	100	15.07	0.01	0	
11205	11246	27.73	200	100	948.43	0.35	1.26	
11206	11247	366.79	200	100	465.47	0.17	0.34	
11207	11248	449.24	200	100	1565.98	0.58	3.18	
11208	11249	91.52	200	100	911.49	0.34	1.17	
11209	11250	123.96	200	100	1481.16	0.55	2.87	
11210	11251	114.43	150	100	46.97	0.03	0.02	
11211	11252	36.58	200	100	183.16	0.07	0.06	
11212	11253	99.24	200	100	112.65	0.04	0.02	
11213	11254	53.25	200	100	1419.85	0.52	2.66	
11214	11255	9.95	200	100	95.03	0.04	0.02	
11215	11256	210.45	200	100	1890.79	0.7	4.51	
11216	11257	36.68	200	100	189.55	0.07	0.06	
11217	11258	1324.64	200	100	212.03	0.08	0.08	
11218	11259	46.29	200	100	3117.42	1.15	11.4	
11219	11260	158.64	200	100	574.91	0.21	0.5	
11220	11261	325.18	200	100	683.45	0.25	0.69	
11221	11262	10.77	200	100	525.74	0.19	0.42	
11222	11263	87.72	1650	100	101470.80	0.55	0.25	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
11223	11264	1443.11	1650	100	36257.91	0.2	0.04	
11224	11265	80.92	1650	100	42768.44	0.23	0.05	
11225	11266	129.69	1650	100	142086.00	0.77	0.46	
11226	11267	233.9	150	100	9.44	0.01	0	
11227	11268	25.18	150	100	487.63	0.32	1.49	
11228	11269	155.75	150	100	353.04	0.23	0.82	
11229	11270	103.27	150	100	253.09	0.17	0.44	
11230	11271	106.2	150	100	210.15	0.14	0.31	
11231	11272	80.77	150	100	137.29	0.09	0.14	
11232	11273	141.96	150	100	74.70	0.05	0.05	
11233	11274	109.71	150	100	198.94	0.13	0.28	
11234	11275	204	150	100	432.55	0.28	1.19	
11235	11276	56.89	150	100	685.51	0.45	2.8	
11236	11277	179.58	200	100	25.76	0.01	0	
11237	11278	28.34	150	100	163.82	0.11	0.2	
11238	11279	207.92	150	100	1177.17	0.77	7.62	
11239	11280	494.95	150	100	348.21	0.23	0.8	
11240	11281	38.05	150	100	141.02	0.09	0.15	
11241	11282	22.42	150	100	117.84	0.08	0.11	
11242	11283	72.25	150	100	53.84	0.04	0.03	
11243	11284	191.78	80	100	99.58	0.23	1.68	
11244	11285	262.78	150	100	965.98	0.63	5.28	
11245	11286	41.57	150	100	280.36	0.18	0.53	
11246	11287	25.81	150	100	183.07	0.12	0.24	
11247	11288	164.79	150	100	298.29	0.2	0.6	
11248	11289	79.18	150	100	204.74	0.13	0.3	
11249	11290	6.6	150	100	10.74	0.01	0	
11250	11291	88.83	150	100	16.35	0.01	0	
11251	11292	17.26	150	100	117.78	0.08	0.11	
11252	11293	58.78	150	100	172.93	0.11	0.22	
11253	11294	134.35	150	100	207.76	0.14	0.31	
11254	11295	138.46	150	100	200.91	0.13	0.29	
11255	11296	60.87	150	100	16.04	0.01	0	
11256	11297	217.65	150	100	50.36	0.03	0.02	
11257	11298	81.71	150	100	64.17	0.04	0.03	
11258	11299	78.32	150	100	105.05	0.07	0.09	
11259	11300	69.14	150	100	333.16	0.22	0.74	
11260	11301	46.82	150	100	164.11	0.11	0.2	
11261	11302	50.79	150	100	317.07	0.21	0.67	
11262	11303	30.48	150	100	10.68	0.01	0	
11263	11304	46	150	100	216.20	0.14	0.33	
11264	11305	122.5	150	100	277.25	0.18	0.52	
11265	11306	70.8	150	100	357.59	0.23	0.84	
11266	11307	53.32	150	100	219.09	0.14	0.34	
11267	11308	70.01	150	100	660.85	0.43	2.62	
11268	11309	40.9	150	100	503.13	0.33	1.58	
11269	11310	20.15	150	100	180.85	0.12	0.24	
11270	11311	114.26	150	100	330.06	0.22	0.72	
11271	11312	66.59	150	100	157.46	0.1	0.18	
11272	11313	66.47	150	100	309.18	0.2	0.64	
11273	11314	66.81	150	100	176.30	0.12	0.23	
11274	11315	115.7	150	100	333.99	0.22	0.74	
11275	11316	69.03	150	100	311.23	0.2	0.65	
11276	11317	18.33	150	100	528.20	0.35	1.73	
11277	11318	68.7	150	100	603.31	0.4	2.21	
11278	11319	79.01	150	100	81.43	0.05	0.05	
11279	11320	137.63	150	100	306.74	0.2	0.63	
11280	11321	30.04	150	100	373.23	0.24	0.91	
11281	11322	53.43	150	100	74.17	0.05	0.05	
11282	11323	47.74	200	100	1162.38	0.43	1.83	
11283	11324	484.12	150	100	348.15	0.23	0.8	
11284	11325	72.1	150	100	0.58	0	0	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
11285	11326	94.95	150	100	43.70	0.03	0.02	
11286	11327	213.2	150	100	242.51	0.16	0.41	
11287	11328	280.15	200	100	40.95	0.02	0	
11288	11329	60.45	150	100	39.13	0.03	0.01	
11289	11330	150.13	150	100	6.44	0	0	
11290	11331	65.03	150	100	109.94	0.07	0.09	
11291	11332	79.64	150	100	38.68	0.03	0.01	
11292	11333	180.79	150	100	340.87	0.22	0.77	
11293	11334	84.54	150	100	483.29	0.32	1.47	
11294	11335	14.7	150	100	1.87	0	0	
11295	11336	54.56	150	100	183.03	0.12	0.24	
11296	11337	42.97	150	100	207.83	0.14	0.31	
11297	11338	74.3	150	100	652.75	0.43	2.56	
11298	11339	112.78	150	100	165.20	0.11	0.2	
11299	11340	11.79	150	100	201.00	0.13	0.29	
11300	11341	28.81	150	100	315.55	0.21	0.67	
11301	11342	82.69	150	100	192.36	0.13	0.27	
11302	11343	73.27	150	100	232.56	0.15	0.38	
11303	11344	62.48	150	100	1376.47	0.9	10.18	
11304	11345	136.63	150	100	831.34	0.54	4	
11305	11346	53.81	150	100	232.79	0.15	0.38	
11306	11347	5.94	150	100	86.18	0.06	0.06	
11307	11348	56.27	150	100	93.68	0.06	0.07	
11308	11349	56.12	150	100	174.08	0.11	0.22	
11309	11350	27.22	150	100	384.73	0.25	0.96	
11310	11351	71.72	150	100	286.29	0.19	0.56	
11311	11352	29.75	150	100	189.65	0.12	0.26	
11312	11353	30.43	150	100	355.10	0.23	0.83	
11313	11354	9.81	150	100	181.12	0.12	0.24	
11314	11355	27.74	150	100	218.09	0.14	0.34	
11315	11356	10.2	150	100	199.67	0.13	0.29	
11316	11357	271.88	150	100	87.23	0.06	0.06	
11317	11358	89.74	150	100	337.23	0.22	0.75	
11318	11359	166.61	150	100	247.49	0.16	0.42	
11319	11360	93.96	150	100	90.41	0.06	0.07	
11320	11361	75.42	150	100	16.36	0.01	0	
11321	11362	388.98	150	100	10.58	0.01	0	
11322	11363	412.95	150	100	0.00	0	0	
11323	11364	56.03	150	100	0.00	0	0	
11324	11365	8.55	150	100	1327.29	0.87	9.52	
11325	11366	23.17	150	100	812.93	0.53	3.84	
11326	11367	185.95	150	100	476.81	0.31	1.43	
11327	11368	38.7	150	100	215.04	0.14	0.33	
11328	11369	112.79	150	100	253.63	0.17	0.44	
11329	11370	37.61	150	100	172.79	0.11	0.22	
11330	11371	6.94	150	100	357.34	0.23	0.84	
11331	11372	39.09	150	100	427.65	0.28	1.17	
11332	11373	41.32	150	100	357.78	0.23	0.84	
11333	11374	116.04	150	100	243.71	0.16	0.41	
11334	11375	31.78	150	100	395.11	0.26	1.01	
11335	11376	75.16	150	100	170.16	0.11	0.21	
11336	11377	74.78	150	100	17.38	0.01	0	
11337	11378	152.58	150	100	84.20	0.06	0.06	
11338	11379	55.92	150	100	557.06	0.36	1.91	
11339	11380	27.13	150	100	155.83	0.1	0.18	
11340	11381	28.92	150	100	116.10	0.08	0.1	
11341	11382	107.11	200	100	218.00	0.08	0.08	
11342	11383	59.1	150	100	57.49	0.04	0.03	
11343	11384	52.51	150	100	246.68	0.16	0.42	
11344	11385	115.69	150	100	397.85	0.26	1.02	
11345	11386	55.39	150	100	45.76	0.03	0.02	
11346	11387	75.2	150	100	298.15	0.2	0.6	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
11347	11388	69.96	150	100	50.68	0.03	0.02	
11348	11389	46.14	150	100	7.80	0.01	0	
11349	11390	97.1	150	100	306.62	0.2	0.63	
11350	11391	68.83	150	100	84.61	0.06	0.06	
11351	11392	121.58	150	100	118.05	0.08	0.11	
11352	11393	13.45	150	100	224.67	0.15	0.35	
11353	11394	31.55	150	100	211.61	0.14	0.32	
11354	11395	76.93	150	100	25.02	0.02	0.01	
11355	11396	17.45	150	100	206.48	0.14	0.3	
11356	11397	449.11	150	100	130.97	0.09	0.13	
11357	11398	20.22	150	100	38.07	0.02	0.01	
11358	11399	232.23	150	100	238.51	0.16	0.4	
11359	11400	234.72	150	100	552.38	0.36	1.88	
11360	11401	42.32	150	100	560.05	0.37	1.93	
11361	11402	127.25	150	100	676.85	0.44	2.73	
11362	11403	93.6	150	100	311.06	0.2	0.65	
11363	11404	99.16	150	100	46.77	0.03	0.02	
11364	11405	59.32	150	100	43.90	0.03	0.02	
11365	11406	82.44	150	100	34.98	0.02	0.01	
11366	11407	52.49	150	100	34.25	0.02	0.01	
11367	11408	123.7	150	100	30.52	0.02	0.01	
11368	11409	136.91	150	100	378.45	0.25	0.93	
11369	11410	26.2	150	100	110.99	0.07	0.1	
11370	11411	161.8	150	100	184.84	0.12	0.25	
11371	11412	45.22	150	100	238.19	0.16	0.4	
11372	11413	152.49	150	100	334.15	0.22	0.74	
11373	11414	32.67	150	100	460.43	0.3	1.34	
11374	11415	60.59	150	100	533.66	0.35	1.76	
11375	11416	59.21	150	100	5.70	0	0	
11376	11417	43.63	150	100	5.11	0	0	
11377	11418	54.85	150	100	0.00	0	0	
11378	11419	41.56	150	100	1302.10	0.85	9.19	
11379	11420	113.65	150	100	306.93	0.2	0.63	
11380	11421	315.7	150	100	445.83	0.29	1.26	
11381	11422	75	150	100	25.28	0.02	0.01	
11382	11423	80.4	150	100	405.05	0.27	1.06	
11383	11424	34.82	150	100	412.39	0.27	1.09	
11384	11425	80.98	150	100	136.30	0.09	0.14	
11385	11426	74.08	150	100	77.46	0.05	0.05	
11386	11427	70.7	150	100	202.85	0.13	0.29	
11387	11428	145.09	150	100	121.06	0.08	0.11	
11388	11429	32.76	150	100	87.70	0.06	0.06	
11389	11430	68.69	150	100	57.48	0.04	0.03	
11390	11431	38.84	150	100	110.49	0.07	0.1	
11391	11432	168.48	150	100	141.46	0.09	0.15	
11392	11433	29.88	150	100	117.70	0.08	0.11	
11393	11434	29.33	150	100	63.81	0.04	0.03	
11394	11435	32.52	150	100	12.75	0.01	0	
11395	11436	64.82	150	100	252.91	0.17	0.44	
11396	11437	36.53	150	100	324.61	0.21	0.7	
11397	11438	32.35	150	100	149.99	0.1	0.17	
11398	11439	27	150	100	178.28	0.12	0.23	
11399	11440	25.83	150	100	123.71	0.08	0.12	
11400	11441	30.81	150	100	278.34	0.18	0.53	
11401	11442	37.76	150	100	373.72	0.24	0.91	
11402	11443	29.33	150	100	223.81	0.15	0.35	
11403	11444	31.46	150	100	182.64	0.12	0.24	
11404	11445	32.66	150	100	178.42	0.12	0.23	
11405	11446	26.01	150	100	95.67	0.06	0.07	
11406	11447	29.53	150	100	167.33	0.11	0.21	
11407	11448	29.96	150	100	166.03	0.11	0.2	
11408	11449	29.7	150	100	120.55	0.08	0.11	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
11409	11450	116.89	150	100	155.76	0.1	0.18	
11410	11451	35.14	150	100	215.18	0.14	0.33	
11411	11452	28.6	150	100	636.07	0.42	2.44	
11412	11453	27.33	150	100	255.41	0.17	0.45	
11413	11454	89.13	150	100	73.89	0.05	0.05	
11414	11455	79.47	150	100	68.54	0.04	0.04	
11415	11456	80.36	150	100	138.03	0.09	0.14	
11416	11457	73.76	150	100	15.21	0.01	0	
11417	11458	161.89	150	100	126.16	0.08	0.12	
11418	11459	161.95	150	100	106.84	0.07	0.09	
11419	11460	78.18	150	100	1.40	0	0	
11420	11461	165.4	150	100	105.03	0.07	0.09	
11421	11462	74.94	150	100	54.13	0.04	0.03	
11422	11463	321.53	150	100	187.17	0.12	0.25	
11423	11464	162.71	150	100	255.30	0.17	0.45	
11424	11465	75.68	150	100	338.59	0.22	0.76	
11425	11466	17.56	150	100	164.43	0.11	0.2	
11426	11467	63.69	150	100	962.03	0.63	5.24	
11427	11468	28.97	150	100	152.20	0.1	0.17	
11428	11469	24.55	150	100	183.20	0.12	0.24	
11429	11470	13.06	150	100	464.03	0.3	1.36	
11430	11471	27.03	150	100	301.21	0.2	0.61	
11431	11472	24.17	150	100	31.29	0.02	0.01	
11432	11473	3.8	150	100	430.93	0.28	1.18	
11433	11474	40.44	150	100	328.26	0.21	0.72	
11434	11475	90.6	150	100	110.87	0.07	0.1	
11435	11476	65.31	150	100	343.01	0.22	0.78	
11436	11477	12.2	150	100	9.71	0.01	0	
11437	11478	79.61	150	100	201.96	0.13	0.29	
11438	11479	71.77	150	100	383.46	0.25	0.95	
11439	11480	79.41	150	100	162.04	0.11	0.19	
11440	11481	160.25	150	100	113.76	0.07	0.1	
11441	11482	168.25	150	100	492.55	0.32	1.52	
11442	11483	53.33	150	100	301.95	0.2	0.61	
11443	11484	31.58	150	100	728.51	0.48	3.13	
11444	11485	161.99	150	100	50.21	0.03	0.02	
11445	11486	25.89	150	100	242.09	0.16	0.41	
11446	11487	24.86	150	100	102.07	0.07	0.08	
11447	11488	174.37	150	100	527.43	0.35	1.72	
11448	11489	72.66	150	100	783.87	0.51	3.59	
11449	11490	60.36	150	100	130.69	0.09	0.13	
11450	11491	61.4	150	100	583.82	0.38	2.08	
11451	11492	70.23	150	100	530.17	0.35	1.74	
11452	11493	63.02	150	100	558.45	0.37	1.92	
11453	11494	85.32	150	100	521.99	0.34	1.69	
11454	11495	68.63	150	100	605.52	0.4	2.23	
11455	11496	45.73	150	100	695.29	0.46	2.87	
11456	11497	86.34	150	100	650.87	0.43	2.54	
11457	11498	75.68	150	100	625.20	0.41	2.36	
11458	11499	81.63	150	100	403.35	0.26	1.05	
11459	11500	191.8	150	100	260.28	0.17	0.47	
11460	11501	152.24	150	100	317.04	0.21	0.67	
11461	11502	104.1	150	100	127.06	0.08	0.12	
11462	11503	148.83	150	100	235.56	0.15	0.39	
11463	11504	259.21	150	100	262.76	0.17	0.47	
11464	11505	66.22	150	100	400.66	0.26	1.04	
11465	11506	96.61	150	100	108.97	0.07	0.09	
11466	11507	124.15	150	100	440.45	0.29	1.23	
11467	11508	86.2	150	100	302.45	0.2	0.62	
11468	11509	158.2	150	100	284.72	0.19	0.55	
11469	11510	143.82	150	100	333.29	0.22	0.74	
11470	11511	128.29	150	100	310.82	0.2	0.65	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
11471	11512	84.34	150	100	24.75	0.02	0.01	
11472	11513	50.17	150	100	58.84	0.04	0.03	
11473	11514	39.17	150	100	90.04	0.06	0.07	
11474	11515	12.88	150	100	196.62	0.13	0.28	
11475	11516	41.3	150	100	56.89	0.04	0.03	
11476	11517	34.77	150	100	66.94	0.04	0.04	
11477	11518	13.13	150	100	103.83	0.07	0.09	
11478	11519	32.21	150	100	92.06	0.06	0.07	
11479	11520	40.46	150	100	63.98	0.04	0.03	
11480	11521	201.25	150	100	175.26	0.11	0.22	
11481	11522	127.3	150	100	166.81	0.11	0.2	
11482	11523	66.42	150	100	33.51	0.02	0.01	
11483	11524	129.44	150	100	162.97	0.11	0.2	
11484	11525	48.61	150	100	69.59	0.05	0.04	
11485	11526	64.46	150	100	118.13	0.08	0.11	
11486	11527	52.84	150	100	157.15	0.1	0.18	
11487	11528	114.57	150	100	77.97	0.05	0.05	
11488	11529	77.59	150	100	225.61	0.15	0.36	
11489	11530	53.71	150	100	58.44	0.04	0.03	
11490	11531	75.26	150	100	256.76	0.17	0.45	
11491	11532	112.26	150	100	82.16	0.05	0.06	
11492	11533	36.45	150	100	161.20	0.11	0.19	
11493	11534	35.83	150	100	126.75	0.08	0.12	
11494	11535	210.96	150	100	63.82	0.04	0.03	
11495	11536	207.15	150	100	62.10	0.04	0.03	
11496	11537	49.83	150	100	61.08	0.04	0.03	
11497	11538	62.79	150	100	63.84	0.04	0.03	
11498	11539	46.1	150	100	136.08	0.09	0.14	
11499	11540	130.1	150	100	137.96	0.09	0.14	
11500	11541	51.11	150	100	218.35	0.14	0.34	
11501	11542	86.35	150	100	296.05	0.19	0.59	
11502	11543	55.97	150	100	137.04	0.09	0.14	
11503	11544	121.37	150	100	191.94	0.13	0.27	
11504	11545	36.39	150	100	79.57	0.05	0.05	
11505	11546	74.4	150	100	403.76	0.26	1.05	
11506	11547	69.39	150	100	250.14	0.16	0.43	
11507	11548	223.3	150	100	199.34	0.13	0.28	
11508	11549	38.24	150	100	282.46	0.18	0.54	
11509	11550	32.77	150	100	152.31	0.1	0.17	
11510	11551	132.68	150	100	392.64	0.26	1	
11511	11552	125.58	150	100	10.21	0.01	0	
11512	11553	62.75	150	100	17.67	0.01	0	
11513	11554	76.6	150	100	0.68	0	0	
11514	11555	75.23	150	100	42.72	0.03	0.02	
11515	11556	60.15	150	100	72.61	0.05	0.04	
11516	11557	60.21	150	100	26.68	0.02	0.01	
11517	11558	85.42	150	100	25.33	0.02	0.01	
11518	11559	159.67	150	100	68.84	0.05	0.04	
11519	11560	13.94	150	100	118.04	0.08	0.11	
11520	11561	161.99	150	100	349.57	0.23	0.8	
11521	11562	201.73	150	100	37.61	0.02	0.01	
11522	11563	94.37	150	100	119.42	0.08	0.11	
11523	11564	103.97	150	100	225.36	0.15	0.36	
11524	11565	57.37	150	100	26.24	0.02	0.01	
11525	11566	190.94	150	100	70.98	0.05	0.04	
11526	11567	91.98	150	100	1344.17	0.88	9.74	
11527	11568	515.19	150	100	743.64	0.49	3.26	
11528	11569	92.08	150	100	196.91	0.13	0.28	
11529	11570	76.67	150	100	306.56	0.2	0.63	
11530	11571	18.75	150	100	1452.63	0.95	11.25	
11531	11572	51.42	150	100	1564.46	1.02	12.91	
11532	11573	99.42	150	100	1981.67	1.3	20	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
11533	11574	18.19	150	100	11.13	0.01	0	
11534	11575	138.64	150	100	538.01	0.35	1.79	
11535	11576	135.16	150	100	294.68	0.19	0.59	
11536	11577	65.24	150	100	717.25	0.47	3.04	
11537	11578	65.19	150	100	729.54	0.48	3.14	
11538	11579	63.51	150	100	646.10	0.42	2.51	
11539	11580	110.1	150	100	507.69	0.33	1.61	
11540	11581	69.8	150	100	486.94	0.32	1.49	
11541	11582	60.29	150	100	86.75	0.06	0.06	
11542	11583	123.01	150	100	172.70	0.11	0.22	
11543	11584	72.02	150	100	9.41	0.01	0	
11544	11585	27.29	150	100	63.86	0.04	0.03	
11545	11586	58.47	150	100	28.67	0.02	0.01	
11546	11587	116.37	150	100	227.60	0.15	0.36	
11547	11588	63.46	150	100	927.02	0.61	4.9	
11548	11589	69.04	150	100	253.81	0.17	0.44	
11549	11590	160.9	150	100	154.91	0.1	0.18	
11550	11591	158.14	150	100	270.40	0.18	0.5	
11551	11592	55.99	150	100	85.90	0.06	0.06	
11552	11593	285.03	150	100	1021.28	0.67	5.86	
11553	11594	55.63	150	100	914.93	0.6	4.78	
11554	11595	59.84	150	100	1343.43	0.88	9.73	
11555	11596	146.36	150	100	408.14	0.27	1.07	
11556	11597	65.18	150	100	1365.98	0.89	10.04	
11557	11598	236.72	150	100	1251.65	0.82	8.54	
11558	11599	26.54	150	100	419.20	0.27	1.13	
11559	11600	41.09	150	100	500.20	0.33	1.56	
11560	11601	198.58	150	100	63.01	0.04	0.03	
11561	11602	60.34	200	100	480.54	0.18	0.36	
11562	11603	66.15	150	100	1515.62	0.99	12.17	
11563	11604	144.66	150	100	1141.96	0.75	7.2	
11564	11605	70.79	150	100	458.03	0.3	1.33	
11565	11606	146.32	150	100	1206.24	0.79	7.97	
11566	11607	56.86	150	100	821.36	0.54	3.91	
11567	11608	56.31	150	100	191.62	0.13	0.26	
11568	11609	76.47	150	100	122.17	0.08	0.11	
11569	11610	136.78	150	100	50.54	0.03	0.02	
11570	11611	79.74	150	100	339.56	0.22	0.76	
11571	11612	73.27	150	100	87.29	0.06	0.06	
11572	11613	72.36	150	100	185.57	0.12	0.25	
11573	11614	57.91	150	100	1452.67	0.95	11.25	
11574	11615	113.76	150	100	620.94	0.41	2.33	
11575	11616	114.53	150	100	690.50	0.45	2.84	
11576	11617	18.68	300	100	760.58	0.12	0.12	
11577	11618	164.78	150	100	1518.01	0.99	12.21	
11578	11619	497.6	300	100	239.48	0.04	0.01	
11579	11620	568.37	150	100	689.46	0.45	2.83	
11580	11621	532.7	150	100	790.95	0.52	3.65	
11581	11622	107.81	150	100	611.93	0.4	2.27	
11582	11623	185.86	150	100	55.65	0.04	0.03	
11583	11624	180.56	100	100	563.74	0.83	14.05	
11584	11625	497.23	150	100	605.86	0.4	2.23	
11585	11626	58.77	150	100	154.08	0.1	0.18	
11586	11627	202.97	150	100	61.41	0.04	0.03	
11587	11628	118.29	150	100	19.51	0.01	0	
11588	11629	130.48	150	100	309.47	0.2	0.64	
11589	11630	48.36	150	100	83.15	0.05	0.06	
11590	11631	230.81	150	100	1095.45	0.72	6.67	
11591	11632	279.63	150	100	262.08	0.17	0.47	
11592	11633	235.55	150	100	348.03	0.23	0.8	
11593	11634	66.33	150	100	115.83	0.08	0.1	
11594	11635	65.43	150	100	181.34	0.12	0.24	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
11595	11636	106.81	150	100	8.60	0.01	0	
11596	11637	55.71	150	100	20.03	0.01	0	
11597	11638	59.84	150	100	24.01	0.02	0.01	
11598	11639	26.57	150	100	3.22	0	0	
11599	11640	146.16	150	100	9.92	0.01	0	
11600	11641	137.06	150	100	8.20	0.01	0	
11601	11642	88.4	150	100	148.89	0.1	0.17	
11602	11643	75.46	150	100	58.89	0.04	0.03	
11603	11644	124.11	150	100	63.68	0.04	0.03	
11604	11645	127.58	150	100	1.81	0	0	
11605	11646	195.76	150	100	6.61	0	0	
11606	11647	25.48	150	100	1560.57	1.02	12.85	
11607	11648	70.14	150	100	110.60	0.07	0.1	
11608	11649	113.29	150	100	97.38	0.06	0.08	
11609	11650	69.24	150	100	505.01	0.33	1.59	
11610	11651	272.12	150	100	45.78	0.03	0.02	
11611	11652	130.21	150	100	254.39	0.17	0.45	
11612	11653	124.28	150	100	50.94	0.03	0.02	
11613	11654	21.85	150	100	248.64	0.16	0.43	
11614	11655	116.81	150	100	378.81	0.25	0.93	
11615	11656	64.77	150	100	502.05	0.33	1.57	
11616	11657	34.93	150	100	158.31	0.1	0.19	
11617	11658	100.66	150	100	191.95	0.13	0.27	
11618	11659	52.3	150	100	262.06	0.17	0.47	
11619	11660	274.16	150	100	169.57	0.11	0.21	
11620	11661	183.52	150	100	33.18	0.02	0.01	
11621	11662	159.66	150	100	62.93	0.04	0.03	
11622	11663	22.2	150	100	191.84	0.13	0.26	
11623	11664	127	150	100	4.08	0	0	
11624	11665	82.49	150	100	296.33	0.19	0.59	
11625	11666	115.71	150	100	20.22	0.01	0	
11626	11667	56.6	150	100	452.59	0.3	1.3	
11627	11668	50.85	150	100	460.54	0.3	1.34	
11628	11669	241.95	150	100	38.02	0.02	0.01	
11629	11670	138.99	150	100	244.50	0.16	0.41	
11630	11671	431.59	150	100	968.95	0.63	5.31	
11631	11672	169.64	150	100	32.68	0.02	0.01	
11632	11673	203.44	80	100	67.44	0.16	0.82	
11633	11674	146.01	150	100	149.13	0.1	0.17	
11634	11675	23.65	150	100	1584.23	1.04	13.21	
11635	11676	66.14	150	100	1594.25	1.04	13.37	
11636	11677	110.34	150	100	1.77	0	0	
11637	11678	524.57	80	100	110.99	0.26	2.05	
11638	11679	38.18	150	100	1830.19	1.2	17.26	
11639	11680	97.68	150	100	347.74	0.23	0.8	
11640	11681	88.89	150	100	24.81	0.02	0.01	
11641	11682	330.55	150	100	38.21	0.03	0.01	
11642	11683	205.54	150	100	334.58	0.22	0.74	
11643	11684	113.11	150	100	85.86	0.06	0.06	
11644	11685	185.05	150	100	38.80	0.03	0.01	
11645	11686	78.5	150	100	187.97	0.12	0.25	
11646	11687	70.71	150	100	139.05	0.09	0.15	
11647	11688	114.63	150	100	753.68	0.49	3.34	
11648	11689	21.68	150	100	307.79	0.2	0.64	
11649	11690	69.69	150	100	99.28	0.07	0.08	
11650	11691	55.6	150	100	100.10	0.07	0.08	
11651	11692	33.29	150	100	0.00	0	0	
11652	11693	80.4	150	100	258.75	0.17	0.46	
11653	11694	94.97	150	100	609.34	0.4	2.25	
11654	11695	315.22	150	100	435.51	0.29	1.21	
11655	11696	7.24	150	100	694.26	0.45	2.87	
11656	11697	141.68	150	100	916.95	0.6	4.8	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
11657	11698	88.46	150	100	139.54	0.09	0.15	
11658	11699	58.82	150	100	399.63	0.26	1.03	
11659	11700	79.79	150	100	81.68	0.05	0.05	
11660	11701	4.92	150	100	0.00	0	0	
11661	11702	152.98	150	100	296.88	0.19	0.59	
11662	11703	70.07	150	100	18.02	0.01	0	
11663	11704	123.85	150	100	15.59	0.01	0	
11664	11705	130.43	150	100	25.31	0.02	0.01	
11665	11706	88.44	150	100	21.67	0.01	0	
11666	11707	15.46	150	100	69.08	0.05	0.04	
11667	11708	36.41	150	100	18.08	0.01	0	
11668	11709	111.61	150	100	323.26	0.21	0.7	
11669	11710	148.25	150	100	344.38	0.23	0.78	
11670	11711	162.55	150	100	363.85	0.24	0.87	
11671	11712	123.48	150	100	87.54	0.06	0.06	
11672	11713	122.08	150	100	193.84	0.13	0.27	
11673	11714	106.9	150	100	42.83	0.03	0.02	
11674	11715	36.02	150	100	77.67	0.05	0.05	
11675	11716	83.25	150	100	114.19	0.07	0.1	
11676	11717	5.07	150	100	0.00	0	0	
11677	11718	83.02	150	100	101.69	0.07	0.08	
11678	11719	259.59	150	100	557.08	0.36	1.91	
11679	11720	45.11	150	100	158.08	0.1	0.18	
11680	11721	36.45	150	100	40.66	0.03	0.02	
11681	11722	30.7	150	100	35.33	0.02	0.01	
11682	11723	96.41	150	100	13.97	0.01	0	
11683	11724	57.82	150	100	446.10	0.29	1.26	
11684	11725	62.49	150	100	102.07	0.07	0.08	
11685	11726	163.39	150	100	62.71	0.04	0.03	
11686	11727	143.29	150	100	295.55	0.19	0.59	
11687	11728	34.35	150	100	406.20	0.27	1.06	
11688	11729	153.72	150	100	478.38	0.31	1.44	
11689	11730	34.96	150	100	421.91	0.28	1.14	
11690	11731	64.09	150	100	151.90	0.1	0.17	
11691	11732	48.48	150	100	219.85	0.14	0.34	
11692	11733	51.92	150	100	86.95	0.06	0.06	
11693	11734	32.34	150	100	9.39	0.01	0	
11694	11735	226	200	100	94.90	0.03	0.02	
11695	11736	149.37	150	100	28.70	0.02	0.01	
11696	11737	49.89	150	100	61.02	0.04	0.03	
11697	11738	69.76	150	100	34.35	0.02	0.01	
11698	11739	124.99	150	100	364.84	0.24	0.87	
11699	11740	129.7	150	100	659.00	0.43	2.6	
11700	11741	291.72	150	100	51.15	0.03	0.02	
11701	11742	153.07	150	100	14.18	0.01	0	
11702	11743	135.12	150	100	24.01	0.02	0.01	
11703	11744	61.87	150	100	395.08	0.26	1.01	
11704	11745	103.64	150	100	49.77	0.03	0.02	
11705	11746	103.14	150	100	210.52	0.14	0.31	
11706	11747	135.2	150	100	70.27	0.05	0.04	
11707	11748	110.52	150	100	2.98	0	0	
11708	11749	50.79	150	100	27.39	0.02	0.01	
11709	11750	81.47	150	100	655.10	0.43	2.57	
11710	11751	69.72	150	100	55.57	0.04	0.03	
11711	11752	69.07	150	100	64.64	0.04	0.04	
11712	11753	172.06	150	100	40.22	0.03	0.01	
11713	11754	219.18	150	100	57.16	0.04	0.03	
11714	11755	144.14	150	100	490.77	0.32	1.51	
11715	11756	280.09	150	100	1040.50	0.68	6.06	
11716	11757	195.81	150	100	237.26	0.16	0.39	
11717	11758	73.59	150	100	210.85	0.14	0.32	
11718	11759	61.54	150	100	77.35	0.05	0.05	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
11719	11760	80.14	150	100	198.08	0.13	0.28	
11720	11761	196.46	150	100	137.19	0.09	0.14	
11721	11762	82.04	150	100	1498.98	0.98	11.92	
11722	11763	50.03	150	100	195.97	0.13	0.28	
11723	11764	12.33	150	100	83.83	0.05	0.06	
11724	11765	15.14	150	100	16.65	0.01	0	
11725	11766	504.38	150	100	787.72	0.52	3.62	
11726	11767	123.35	150	100	13.24	0.01	0	
11727	11768	126.97	150	100	30.85	0.02	0.01	
11728	11769	43.77	150	100	14.34	0.01	0	
11729	11770	67.49	150	100	228.29	0.15	0.37	
11730	11771	68.33	150	100	119.93	0.08	0.11	
11731	11772	182.27	150	100	268.94	0.18	0.49	
11732	11773	116.64	150	100	37.85	0.02	0.01	
11733	11774	68.01	1350	100	51072.71	0.41	0.18	
11734	11775	17.88	1000	100	51023.79	0.75	0.79	
11735	11776	486.46	1000	100	51072.71	0.75	0.8	
11736	11777	56.45	1000	100	12054.40	0.18	0.05	
11737	11778	214.06	100	100	4.31	0.01	0	
11738	11779	156.45	100	100	24.95	0.04	0.04	
11739	11780	388.17	100	100	9.22	0.01	0.01	
11740	11781	240.8	100	100	51.62	0.08	0.17	
11741	11782	476.12	100	100	9.27	0.01	0.01	
11742	11783	112.75	100	100	37.96	0.06	0.09	
11743	11784	513.09	100	100	10.02	0.01	0.01	
11744	11785	25.34	100	100	36.65	0.05	0.09	
11745	11786	220.24	100	100	23.42	0.03	0.04	
11746	11787	60.53	100	100	9.22	0.01	0.01	
11747	11788	67.35	100	100	12.65	0.02	0.01	
11748	11789	228.21	100	100	45.85	0.07	0.13	
11749	11790	67.87	100	100	56.86	0.08	0.2	
11750	11791	152.03	100	100	132.31	0.19	0.96	
11751	11792	88.47	100	100	205.31	0.3	2.16	
11752	11793	217.98	100	100	13.17	0.02	0.01	
11753	11794	523.08	150	100	10.54	0.01	0	
11754	11795	96.49	100	100	2.00	0	0	
11755	11796	209.88	100	100	3.37	0	0	
11756	11797	197.56	100	100	4.03	0.01	0	
11757	11798	177.92	100	100	102.59	0.15	0.6	
11758	11799	94.01	100	100	43.94	0.06	0.12	
11759	11800	366.67	100	100	17.96	0.03	0.02	
11760	11801	42.46	100	100	38.44	0.06	0.1	
11761	11802	30.79	100	100	9.94	0.01	0.01	
11762	11803	76.45	100	100	5.21	0.01	0	
11763	11804	57.72	100	100	65.72	0.1	0.26	
11764	11805	85.28	100	100	96.11	0.14	0.53	
11765	11806	123.43	100	100	53.77	0.08	0.18	
11766	11807	48.45	100	100	376.01	0.55	6.64	
11767	11808	54.06	100	100	58.04	0.09	0.21	
11768	11809	407.89	100	100	20.83	0.03	0.03	
11769	11810	240.54	100	100	30.13	0.04	0.06	
11770	11811	165.42	400	100	2558.45	0.24	0.27	
11771	11812	320.11	100	100	24.38	0.04	0.04	
11772	11813	41.67	100	100	25.75	0.04	0.05	
11773	11814	155.75	100	100	7.09	0.01	0	
11774	11815	1228.4	100	100	4.55	0.01	0	
11775	11816	52.91	100	100	14.23	0.02	0.02	
11776	11817	94.85	100	100	40.80	0.06	0.11	
11777	11818	115.5	100	100	83.95	0.12	0.41	
11778	11819	53.59	100	100	30.94	0.05	0.07	
11779	11820	10.53	100	100	134.90	0.2	0.99	
11780	11821	92.95	100	100	164.20	0.24	1.43	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
11781	11822	107.69	100	100	31.62	0.05	0.06	
11782	11823	96.74	100	100	77.27	0.11	0.35	
11783	11824	143.13	100	100	3.92	0.01	0	
11784	11825	29.91	100	100	70.65	0.1	0.3	
11785	11826	39.17	100	100	167.16	0.25	1.48	
11786	11827	150.82	100	100	40.29	0.06	0.11	
11787	11828	98.8	100	100	75.90	0.11	0.34	
11788	11829	35.3	100	100	64.13	0.09	0.25	
11789	11830	59.6	100	100	112.70	0.17	0.71	
11790	11831	136.34	100	100	114.28	0.17	0.73	
11791	11832	56.07	100	100	11.54	0.02	0.01	
11792	11833	153.52	100	100	117.92	0.17	0.77	
11793	11834	66.18	100	100	55.88	0.08	0.19	
11794	11835	65.33	100	100	109.44	0.16	0.67	
11795	11836	69.27	100	100	78.55	0.12	0.37	
11796	11837	64.27	100	100	133.93	0.2	0.98	
11797	11838	121.92	100	100	147.20	0.22	1.17	
11798	11839	91.94	100	100	90.59	0.13	0.48	
11799	11840	68.62	100	100	6.55	0.01	0	
11800	11841	6.41	100	100	95.97	0.14	0.53	
11801	11842	68.23	100	100	68.66	0.1	0.28	
11802	11843	75.78	150	100	250.99	0.16	0.44	
11803	11844	102.42	100	100	47.41	0.07	0.14	
11804	11845	50.33	100	100	447.52	0.66	9.16	
11805	11846	346.46	150	100	608.32	0.4	2.24	
11806	11847	270.37	100	100	218.47	0.32	2.43	
11807	11848	74.17	100	100	12.92	0.02	0.01	
11808	11849	94.98	100	100	24.88	0.04	0.04	
11809	11850	119.08	100	100	47.96	0.07	0.15	
11810	11851	84.05	100	100	94.33	0.14	0.51	
11811	11852	334.67	100	100	284.23	0.42	3.95	
11812	11853	139.91	400	100	326.82	0.03	0.01	
11813	11854	67.8	100	100	24.90	0.04	0.04	
11814	11855	108.38	100	100	11.23	0.02	0.01	
11815	11856	118.68	100	100	0.86	0	0	
11816	11857	115.68	100	100	25.62	0.04	0.05	
11817	11858	35.38	100	100	22.12	0.03	0.03	
11818	11859	75.68	100	100	10.07	0.01	0.01	
11819	11860	74.88	100	100	30.44	0.04	0.06	
11820	11861	139.8	100	100	49.84	0.07	0.16	
11821	11862	34.91	100	100	56.32	0.08	0.2	
11822	11863	225.37	100	100	82.34	0.12	0.4	
11823	11864	40.66	100	100	1.34	0	0	
11824	11865	150.51	100	100	11.85	0.02	0.01	
11825	11866	140.69	80	100	6.97	0.02	0.01	
11826	11867	53.85	100	100	43.38	0.06	0.12	
11827	11868	196.27	100	100	2.62	0	0	
11828	11869	50.51	100	100	161.35	0.24	1.38	
11829	11870	100.74	100	100	21.34	0.03	0.03	
11830	11871	28.36	100	100	134.37	0.2	0.99	
11831	11872	49.46	100	100	163.80	0.24	1.42	
11832	11873	39.71	100	100	27.08	0.04	0.05	
11833	11874	53.38	100	100	76.68	0.11	0.35	
11834	11875	93.58	100	100	46.27	0.07	0.14	
11835	11876	10.64	100	100	219.33	0.32	2.45	
11836	11877	65.83	100	100	70.35	0.1	0.3	
11837	11878	28.94	100	100	73.99	0.11	0.33	
11838	11879	47.84	100	100	13.31	0.02	0.01	
11839	11880	34.15	100	100	91.49	0.13	0.48	
11840	11881	66.51	100	100	65.80	0.1	0.26	
11841	11882	108.01	100	100	99.59	0.15	0.57	
11842	11883	113.93	100	100	182.26	0.27	1.74	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
11843	11884	14.24	100	100	212.49	0.31	2.31	
11844	11885	106.09	100	100	158.21	0.23	1.34	
11845	11886	102.78	100	100	104.16	0.15	0.62	
11846	11887	23.59	100	100	121.76	0.18	0.82	
11847	11888	116.49	100	100	146.96	0.22	1.16	
11848	11889	108.85	100	100	129.80	0.19	0.93	
11849	11890	325.63	100	100	159.34	0.23	1.35	
11850	11891	245.87	100	100	73.92	0.11	0.33	
11851	11892	107.37	100	100	49.70	0.07	0.16	
11852	11893	31.04	100	100	74.09	0.11	0.33	
11853	11894	37.12	100	100	53.72	0.08	0.18	
11854	11895	79.3	100	100	301.87	0.44	4.42	
11855	11896	135.43	100	100	82.31	0.12	0.4	
11856	11897	134.78	100	100	86.05	0.13	0.43	
11857	11898	103.62	100	100	158.32	0.23	1.34	
11858	11899	6.12	100	100	715.84	1.05	21.86	
11859	11900	36.86	100	100	341.99	0.5	5.57	
11860	11901	131.54	100	100	178.82	0.26	1.68	
11861	11902	32.2	100	100	179.83	0.27	1.69	
11862	11903	42.17	100	100	33.41	0.05	0.07	
11863	11904	22.64	100	100	164.06	0.24	1.43	
11864	11905	151.95	100	100	53.52	0.08	0.18	
11865	11906	49.23	100	100	187.76	0.28	1.83	
11866	11907	157.17	100	100	49.55	0.07	0.16	
11867	11908	46.7	100	100	23.98	0.04	0.04	
11868	11909	105.15	100	100	17.76	0.03	0.02	
11869	11910	34.64	100	100	15.44	0.02	0.02	
11870	11911	103.21	100	100	103.52	0.15	0.61	
11871	11912	23.6	100	100	87.58	0.13	0.45	
11872	11913	42.21	100	100	108.73	0.16	0.67	
11873	11914	31.53	100	100	84.29	0.12	0.42	
11874	11915	104.53	100	100	172.29	0.25	1.56	
11875	11916	10.81	100	100	102.75	0.15	0.6	
11876	11917	27.24	100	100	125.77	0.19	0.87	
11877	11918	29.05	100	100	130.24	0.19	0.93	
11878	11919	19.96	100	100	66.37	0.1	0.27	
11879	11920	33.52	100	100	106.45	0.16	0.64	
11880	11921	33.17	100	100	100.90	0.15	0.58	
11881	11922	27.84	100	100	20.90	0.03	0.03	
11882	11923	34.29	100	100	131.81	0.19	0.95	
11883	11924	100.14	100	100	78.17	0.12	0.36	
11884	11925	35.06	100	100	96.70	0.14	0.54	
11885	11926	23.51	100	100	137.06	0.2	1.02	
11886	11927	104.15	100	100	128.26	0.19	0.91	
11887	11928	28.85	100	100	221.20	0.33	2.48	
11888	11929	30.67	100	100	285.42	0.42	3.98	
11889	11930	8.72	100	100	253.98	0.37	3.21	
11890	11931	50.4	80	100	82.09	0.19	1.17	
11891	11932	19.71	100	100	180.57	0.27	1.71	
11892	11933	103.52	100	100	137.99	0.2	1.04	
11893	11934	104.95	100	100	155.28	0.23	1.29	
11894	11935	34.28	100	100	121.69	0.18	0.82	
11895	11936	103.25	100	100	105.86	0.16	0.63	
11896	11937	35.81	100	100	221.72	0.33	2.49	
11897	11938	104.04	100	100	93.40	0.14	0.5	
11898	11939	27.98	100	100	145.13	0.21	1.14	
11899	11940	40.61	100	100	0.68	0	0	
11900	11941	150.84	100	100	3.13	0	0	
11901	11942	33.99	100	100	123.78	0.18	0.85	
11902	11943	112.51	100	100	57.85	0.09	0.21	
11903	11944	38.21	100	100	57.87	0.09	0.21	
11904	11945	114.1	100	100	55.66	0.08	0.19	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
11905	11946	39.08	100	100	102.11	0.15	0.59	
11906	11947	114.06	100	100	56.16	0.08	0.2	
11907	11948	114.21	100	100	62.15	0.09	0.24	
11908	11949	31.8	100	100	142.01	0.21	1.09	
11909	11950	252.35	100	100	197.50	0.29	2.01	
11910	11951	41.55	100	100	322.85	0.48	5	
11911	11952	43	100	100	396.27	0.58	7.31	
11912	11953	30.44	100	100	18.59	0.03	0.03	
11913	11954	113.42	100	100	203.71	0.3	2.13	
11914	11955	32.74	100	100	47.68	0.07	0.14	
11915	11956	139.48	100	100	139.10	0.2	1.05	
11916	11957	37.53	100	100	41.23	0.06	0.11	
11917	11958	38.92	100	100	163.98	0.24	1.43	
11918	11959	144.21	80	100	40.33	0.09	0.32	
11919	11960	25.92	100	100	59.18	0.09	0.22	
11920	11961	29.94	100	100	121.02	0.18	0.81	
11921	11962	114.08	100	100	37.64	0.06	0.09	
11922	11963	90.19	150	100	12.09	0.01	0	
11923	11964	210.69	100	100	67.29	0.1	0.27	
11924	11965	32.89	100	100	46.44	0.07	0.14	
11925	11966	32.75	100	100	164.26	0.24	1.43	
11926	11967	123.64	100	100	34.01	0.05	0.08	
11927	11968	135.66	100	100	52.29	0.08	0.17	
11928	11969	128.84	100	100	9.15	0.01	0.01	
11929	11970	109.94	100	100	44.77	0.07	0.13	
11930	11971	79.31	100	100	80.62	0.12	0.38	
11931	11972	261.42	100	100	1.00	0	0.01	
11932	11973	47.28	100	100	12.29	0.02	0.01	
11933	11974	83.78	100	100	147.58	0.22	1.17	
11934	11975	81.09	100	100	32.47	0.05	0.07	
11935	11976	71.31	100	100	113.88	0.17	0.73	
11936	11977	92.72	100	100	51.66	0.08	0.17	
11937	11978	141.79	150	100	14.79	0.01	0	
11938	11979	145.75	150	100	41.14	0.03	0.02	
11939	11980	475.66	100	100	162.05	0.24	1.4	
11940	11981	67.85	100	100	9.31	0.01	0.01	
11941	11982	30.89	100	100	65.56	0.1	0.26	
11942	11983	95.04	100	100	75.59	0.11	0.34	
11943	11984	25.39	100	100	123.75	0.18	0.85	
11944	11985	27.03	100	100	35.91	0.05	0.09	
11945	11986	63.46	100	100	21.37	0.03	0.03	
11946	11987	96.2	80	100	26.59	0.06	0.15	
11947	11988	89.48	100	100	168.39	0.25	1.5	
11948	11989	94.77	100	100	129.55	0.19	0.92	
11949	11990	32.79	100	100	267.42	0.39	3.53	
11950	11991	72.3	100	100	136.13	0.2	1.01	
11951	11992	72.15	100	100	52.91	0.08	0.18	
11952	11993	20.54	100	100	76.13	0.11	0.34	
11953	11994	70.99	100	100	11.16	0.02	0.01	
11954	11995	35.95	100	100	139.37	0.21	1.06	
11955	11996	58.56	100	100	104.88	0.15	0.62	
11956	11997	46.8	100	100	70.33	0.1	0.3	
11957	11998	45.22	100	100	102.38	0.15	0.6	
11958	11999	53.73	100	100	246.14	0.36	3.03	
11959	12000	35.34	100	100	69.82	0.1	0.29	
11960	12001	77.88	100	100	49.70	0.07	0.16	
11961	12002	220.33	100	100	12.98	0.02	0.01	
11962	12003	32.42	100	100	343.20	0.51	5.6	
11963	12004	23.5	100	100	134.84	0.2	0.99	
11964	12005	55.92	100	100	102.31	0.15	0.6	
11965	12006	58.96	100	100	94.20	0.14	0.51	
11966	12007	48.17	100	100	19.75	0.03	0.03	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
11967	12008	31.45	100	100	32.94	0.05	0.07	
11968	12009	611.88	100	100	94.25	0.14	0.51	
11969	12010	134.43	100	100	34.47	0.05	0.08	
11970	12011	64.48	100	100	84.03	0.12	0.41	
11971	12012	55.58	100	100	44.07	0.06	0.13	
11972	12013	58.62	100	100	30.18	0.04	0.06	
11973	12014	71.35	150	100	5.19	0	0	
11974	12015	122.03	100	100	37.29	0.05	0.09	
11975	12016	121.08	100	100	12.37	0.02	0.01	
11976	12017	118.78	100	100	18.20	0.03	0.02	
11977	12018	123.56	100	100	17.37	0.03	0.02	
11978	12019	79.66	100	100	21.50	0.03	0.03	
11979	12020	79.11	100	100	17.16	0.03	0.02	
11980	12021	67.33	100	100	4.89	0.01	0	
11981	12022	73.47	100	100	142.86	0.21	1.11	
11982	12023	124.24	100	100	86.56	0.13	0.44	
11983	12024	99.29	100	100	69.74	0.1	0.29	
11984	12025	98.01	100	100	82.71	0.12	0.4	
11985	12026	73.73	100	100	180.92	0.27	1.71	
11986	12027	57.26	100	100	5.75	0.01	0	
11987	12028	62.09	100	100	474.23	0.7	10.2	
11988	12029	66.43	100	100	672.64	0.99	19.48	
11989	12030	509.61	100	100	284.16	0.42	3.95	
11990	12031	92.89	100	100	145.83	0.21	1.15	
11991	12032	64.69	100	100	331.00	0.49	5.24	
11992	12033	31.43	100	100	252.95	0.37	3.18	
11993	12034	183.55	100	100	100.96	0.15	0.58	
11994	12035	437.04	80	100	18.49	0.04	0.07	
11995	12036	145.27	80	100	45.08	0.1	0.39	
11996	12037	507.6	100	100	414.15	0.61	7.94	
11997	12038	75.93	100	100	32.99	0.05	0.07	
11998	12039	108.32	100	100	20.99	0.03	0.03	
11999	12040	13.72	100	100	135.73	0.2	1.01	
12000	12041	31.1	100	100	40.71	0.06	0.11	
12001	12042	10.64	100	100	90.83	0.13	0.48	
12002	12043	37.32	100	100	37.45	0.06	0.09	
12003	12044	46.72	100	100	37.48	0.06	0.09	
12004	12045	92	100	100	34.91	0.05	0.08	
12005	12046	93.6	100	100	50.69	0.07	0.16	
12006	12047	113.63	100	100	105.45	0.16	0.63	
12007	12048	62.41	100	100	61.56	0.09	0.23	
12008	12049	112.17	100	100	3.46	0.01	0	
12009	12050	152.84	100	100	27.82	0.04	0.05	
12010	12051	38.77	100	100	176.51	0.26	1.64	
12011	12052	82.78	80	100	96.10	0.22	1.57	
12012	12053	103.93	100	100	22.78	0.03	0.04	
12013	12054	86.99	100	100	285.62	0.42	3.99	
12014	12055	39.21	100	100	313.68	0.46	4.74	
12015	12056	107.15	100	100	33.44	0.05	0.08	
12016	12057	108.48	100	100	37.63	0.06	0.09	
12017	12058	61.67	100	100	138.26	0.2	1.04	
12018	12059	50.94	100	100	149.02	0.22	1.2	
12019	12060	39.1	100	100	346.06	0.51	5.69	
12020	12061	74.08	100	100	4.45	0.01	0	
12021	12062	41.67	100	100	32.47	0.05	0.07	
12022	12063	119.56	100	100	14.71	0.02	0.02	
12023	12064	127.04	100	100	10.21	0.02	0.01	
12024	12065	32.21	100	100	245.22	0.36	3.01	
12025	12066	57.45	100	100	213.85	0.32	2.33	
12026	12067	32.68	100	100	192.55	0.28	1.92	
12027	12068	34.53	100	100	172.97	0.25	1.58	
12028	12069	187.45	100	100	131.99	0.19	0.95	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
12029	12070	22.56	100	100	211.97	0.31	2.3	
12030	12071	26.77	100	100	26.67	0.04	0.05	
12031	12072	33.3	100	100	264.90	0.39	3.47	
12032	12073	88.23	100	100	45.29	0.07	0.13	
12033	12074	98.28	100	100	84.06	0.12	0.41	
12034	12075	102.49	100	100	176.18	0.26	1.63	
12035	12076	97.53	100	100	26.47	0.04	0.05	
12036	12077	117.4	100	100	24.74	0.04	0.04	
12037	12078	23.2	100	100	13.03	0.02	0.01	
12038	12079	19.62	100	100	18.83	0.03	0.03	
12039	12080	32.29	100	100	45.73	0.07	0.13	
12040	12081	96.64	100	100	101.63	0.15	0.59	
12041	12082	157.2	100	100	69.32	0.1	0.29	
12042	12083	123.12	100	100	59.64	0.09	0.22	
12043	12084	148.49	200	100	814.73	0.3	0.95	
12044	12085	107.83	100	100	230.71	0.34	2.69	
12045	12086	33.84	100	100	336.53	0.5	5.4	
12046	12087	40.24	100	100	111.24	0.16	0.7	
12047	12088	90.01	100	100	98.62	0.15	0.56	
12048	12089	251.31	100	100	257.10	0.38	3.28	
12049	12090	114.87	100	100	115.30	0.17	0.74	
12050	12091	27.76	100	100	220.42	0.32	2.47	
12051	12092	254.16	100	100	175.74	0.26	1.62	
12052	12093	41.79	100	100	193.55	0.29	1.94	
12053	12094	117.43	100	100	80.49	0.12	0.38	
12054	12095	39.55	100	100	77.86	0.11	0.36	
12055	12096	122.24	100	100	63.86	0.09	0.25	
12056	12097	37.02	100	100	78.58	0.12	0.37	
12057	12098	124.18	100	100	45.52	0.07	0.13	
12058	12099	31.13	100	100	196.69	0.29	2	
12059	12100	31.2	100	100	92.08	0.14	0.49	
12060	12101	121.66	100	100	187.30	0.28	1.83	
12061	12102	27.99	100	100	250.98	0.37	3.14	
12062	12103	275.51	100	100	258.84	0.38	3.32	
12063	12104	40.5	100	100	33.59	0.05	0.08	
12064	12105	18.03	100	100	95.78	0.14	0.53	
12065	12106	107.46	100	100	76.76	0.11	0.35	
12066	12107	83.47	100	100	93.62	0.14	0.51	
12067	12108	39.42	100	100	81.36	0.12	0.39	
12068	12109	28.94	100	100	32.47	0.05	0.07	
12069	12110	53.97	100	100	64.18	0.09	0.25	
12070	12111	179.26	100	100	32.75	0.05	0.07	
12071	12112	157.83	100	100	93.30	0.14	0.5	
12072	12113	131.74	100	100	39.45	0.06	0.1	
12073	12114	434.33	100	100	0.28	0	0	
12074	12115	53.9	100	100	106.86	0.16	0.65	
12075	12116	142.29	100	100	64.76	0.1	0.26	
12076	12117	73.39	100	100	160.01	0.24	1.36	
12077	12118	35.64	100	100	270.51	0.4	3.61	
12078	12119	104.76	80	100	39.64	0.09	0.31	
12079	12120	54.17	100	100	179.03	0.26	1.68	
12080	12121	85.93	100	100	20.83	0.03	0.03	
12081	12122	35.33	100	100	226.62	0.33	2.6	
12082	12123	48.47	100	100	120.74	0.18	0.81	
12083	12124	61.07	100	100	183.78	0.27	1.76	
12084	12125	109.15	100	100	161.38	0.24	1.39	
12085	12126	26.77	100	100	218.90	0.32	2.44	
12086	12127	107.97	100	100	124.08	0.18	0.85	
12087	12128	77.09	100	100	141.02	0.21	1.08	
12088	12129	35.46	100	100	95.08	0.14	0.52	
12089	12130	26.7	100	100	233.67	0.34	2.75	
12090	12131	107.53	100	100	112.61	0.17	0.71	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
12091	12132	34.13	100	100	236.35	0.35	2.81	
12092	12133	28.45	100	100	304.41	0.45	4.49	
12093	12134	109.26	100	100	107.01	0.16	0.65	
12094	12135	36.05	100	100	133.38	0.2	0.97	
12095	12136	24.12	100	100	102.35	0.15	0.6	
12096	12137	70.35	100	100	220.53	0.32	2.47	
12097	12138	31.9	100	100	10.65	0.02	0.01	
12098	12139	21.75	100	100	222.94	0.33	2.52	
12099	12140	110.54	100	100	13.40	0.02	0.01	
12100	12141	543.62	100	100	12.16	0.02	0.01	
12101	12142	173.84	100	100	9.80	0.01	0.01	
12102	12143	1223.39	100	100	71.45	0.11	0.31	
12103	12144	50.28	100	100	11.02	0.02	0.01	
12104	12145	82.08	100	100	421.34	0.62	8.19	
12105	12146	55.05	100	100	899.91	1.33	33.4	
12106	12147	133.74	100	100	15.48	0.02	0.02	
12107	12148	129.5	100	100	280.31	0.41	3.85	
12108	12149	67.46	100	100	777.16	1.15	25.46	
12109	12150	79.85	100	100	438.63	0.65	8.83	
12110	12151	107.46	100	100	167.06	0.25	1.48	
12111	12152	108.9	100	100	159.72	0.24	1.36	
12112	12153	16.29	100	100	29.54	0.04	0.06	
12113	12154	83.34	100	100	288.10	0.42	4.05	
12114	12155	14.31	100	100	590.38	0.87	15.3	
12115	12156	62.78	100	100	355.23	0.52	5.97	
12116	12157	159.1	100	100	90.30	0.13	0.47	
12117	12158	123.01	150	100	65.72	0.04	0.04	
12118	12159	44.08	100	100	11.65	0.02	0.01	
12119	12160	114.54	100	100	26.61	0.04	0.05	
12120	12161	29.56	100	100	31.56	0.05	0.07	
12121	12162	193.39	100	100	80.37	0.12	0.38	
12122	12163	111.27	100	100	32.54	0.05	0.07	
12123	12164	117.87	100	100	5.82	0.01	0	
12124	12165	143.3	100	100	87.15	0.13	0.44	
12125	12166	57.08	100	100	200.88	0.3	2.08	
12126	12167	72.02	100	100	63.08	0.09	0.24	
12127	12168	76.37	100	100	175.21	0.26	1.61	
12128	12169	61.64	100	100	16.21	0.02	0.02	
12129	12170	66.92	100	100	74.94	0.11	0.33	
12130	12171	83.94	100	100	65.77	0.1	0.26	
12131	12172	60.1	100	100	111.31	0.16	0.7	
12132	12173	57.29	100	100	53.20	0.08	0.18	
12133	12174	66.04	100	100	112.01	0.17	0.7	
12134	12175	54.35	100	100	116.76	0.17	0.76	
12135	12176	58.89	100	100	99.45	0.15	0.57	
12136	12177	295.58	100	100	46.46	0.07	0.14	
12137	12178	116.83	100	100	25.48	0.04	0.05	
12138	12179	475.2	150	100	96.76	0.06	0.07	
12139	12180	261	100	100	6.08	0.01	0	
12140	12181	19.71	100	100	92.22	0.14	0.49	
12141	12182	147.98	100	100	15.86	0.02	0.02	
12142	12183	34.84	100	100	2.14	0	0	
12143	12184	34.04	100	100	37.38	0.06	0.09	
12144	12185	175.23	100	100	60.37	0.09	0.22	
12145	12186	233.07	100	100	144.85	0.21	1.13	
12146	12187	166.31	100	100	16.96	0.02	0.02	
12147	12188	65.99	100	100	44.15	0.07	0.13	
12148	12189	154.95	100	100	22.90	0.03	0.04	
12149	12190	51.29	100	100	21.72	0.03	0.03	
12150	12191	53.67	100	100	61.97	0.09	0.24	
12151	12192	53.93	100	100	10.91	0.02	0.01	
12152	12193	110.44	100	100	26.05	0.04	0.05	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
12153	12194	44.77	100	100	62.08	0.09	0.24	
12154	12195	50.31	100	100	0.31	0	0	
12155	12196	15.91	100	100	42.26	0.06	0.12	
12156	12197	70.27	100	100	32.53	0.05	0.07	
12157	12198	54.13	100	100	2.01	0	0	
12158	12199	83.67	100	100	10.75	0.02	0.01	
12159	12200	73.43	100	100	19.21	0.03	0.03	
12160	12201	35.5	100	100	43.50	0.06	0.12	
12161	12202	167.22	100	100	44.59	0.07	0.13	
12162	12203	63.76	100	100	23.37	0.03	0.04	
12163	12204	47.9	100	100	338.92	0.5	5.47	
12164	12205	95.87	100	100	174.22	0.26	1.6	
12165	12206	98.21	100	100	8.08	0.01	0.01	
12166	12207	42.2	100	100	53.46	0.08	0.18	
12167	12208	113.4	100	100	33.97	0.05	0.08	
12168	12209	72.85	100	100	28.70	0.04	0.06	
12169	12210	98.25	100	100	9.63	0.01	0.01	
12170	12211	103.34	100	100	16.59	0.02	0.02	
12171	12212	130.24	100	100	19.71	0.03	0.03	
12172	12213	6.47	100	100	89.51	0.13	0.46	
12173	12214	36.93	100	100	78.06	0.12	0.36	
12174	12215	29.44	100	100	11.57	0.02	0.01	
12175	12216	31.08	100	100	15.39	0.02	0.02	
12176	12217	34.47	100	100	8.86	0.01	0.01	
12177	12218	77.67	100	100	48.60	0.07	0.15	
12178	12219	65.92	100	100	20.63	0.03	0.03	
12179	12220	99.61	100	100	43.72	0.06	0.12	
12180	12221	47.82	100	100	103.32	0.15	0.61	
12181	12222	127.92	100	100	52.92	0.08	0.18	
12182	12223	44.57	100	100	28.98	0.04	0.06	
12183	12224	37.55	100	100	21.09	0.03	0.03	
12184	12225	15.62	100	100	11.11	0.02	0.01	
12185	12226	28.56	100	100	18.79	0.03	0.03	
12186	12227	69.35	100	100	28.65	0.04	0.06	
12187	12228	58.05	100	100	35.83	0.05	0.09	
12188	12229	45.15	100	100	37.90	0.06	0.09	
12189	12230	32.95	100	100	17.32	0.03	0.02	
12190	12231	27.89	100	100	14.48	0.02	0.02	
12191	12232	26.1	100	100	3.20	0	0	
12192	12233	103.08	100	100	2.28	0	0	
12193	12234	47.31	100	100	0.31	0	0	
12194	12235	158.99	100	100	19.68	0.03	0.03	
12195	12236	122.72	100	100	169.94	0.25	1.52	
12196	12237	161.87	100	100	124.88	0.18	0.86	
12197	12238	90.31	100	100	88.19	0.13	0.45	
12198	12239	71.98	100	100	62.87	0.09	0.24	
12199	12240	58.61	100	100	19.52	0.03	0.03	
12200	12241	129.39	100	100	204.75	0.3	2.15	
12201	12242	383.85	100	100	151.59	0.22	1.23	
12202	12243	66.08	100	100	67.78	0.1	0.28	
12203	12244	224.9	100	100	198.89	0.29	2.04	
12204	12245	291.9	100	100	403.24	0.59	7.55	
12205	12246	97.17	80	100	3.13	0.01	0	
12206	12247	161.24	100	100	404.00	0.6	7.58	
12207	12248	109.3	100	100	326.50	0.48	5.11	
12208	12249	78.69	100	100	188.24	0.28	1.84	
12209	12250	332.94	100	100	108.27	0.16	0.66	
12210	12251	69.78	100	100	132.62	0.2	0.96	
12211	12252	98.55	100	100	87.39	0.13	0.44	
12212	12253	65.59	100	100	204.11	0.3	2.14	
12213	12254	126.57	100	100	45.73	0.07	0.13	
12214	12255	137.67	100	100	37.96	0.06	0.09	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
12215	12256	130.26	100	100	47.36	0.07	0.14	
12216	12257	88.13	100	100	45.59	0.07	0.13	
12217	12258	51.38	100	100	100.69	0.15	0.58	
12218	12259	32.11	100	100	69.10	0.1	0.29	
12219	12260	69.75	100	100	16.83	0.02	0.02	
12220	12261	36.68	100	100	111.32	0.16	0.7	
12221	12262	31.52	100	100	88.84	0.13	0.46	
12222	12263	34.02	100	100	65.99	0.1	0.26	
12223	12264	119.49	150	100	473.21	0.31	1.41	
12224	12265	161.9	100	100	60.87	0.09	0.23	
12225	12266	102.37	100	100	2.77	0	0	
12226	12267	94.06	100	100	20.48	0.03	0.03	
12227	12268	161.61	100	100	53.52	0.08	0.18	
12228	12269	132.13	100	100	211.89	0.31	2.29	
12229	12270	146.33	100	100	230.05	0.34	2.67	
12230	12271	147.39	100	100	95.65	0.14	0.53	
12231	12272	177.46	100	100	68.70	0.1	0.28	
12232	12273	52.91	100	100	972.39	1.43	38.56	
12233	12274	108.52	100	100	282.19	0.42	3.9	
12234	12275	65.92	100	100	486.83	0.72	10.71	
12235	12276	462.4	150	100	1397.19	0.92	10.47	
12236	12277	107.5	100	100	238.31	0.35	2.85	
12237	12278	106.12	100	100	226.51	0.33	2.6	
12238	12279	36.69	150	100	371.84	0.24	0.9	
12239	12280	152.45	100	100	188.96	0.28	1.86	
12240	12281	221.19	100	100	34.86	0.05	0.08	
12241	12282	329.61	100	100	468.97	0.69	9.99	
12242	12283	64.29	100	100	116.18	0.17	0.75	
12243	12284	36.15	100	100	10.64	0.02	0.01	
12244	12285	61.47	100	100	150.93	0.22	1.22	
12245	12286	46.2	100	100	97.08	0.14	0.54	
12246	12287	178.08	100	100	491.27	0.72	10.89	
12247	12288	207.35	100	100	775.82	1.14	25.38	
12248	12289	16.93	100	100	62.63	0.09	0.24	
12249	12290	59.3	100	100	20.22	0.03	0.03	
12250	12291	82.06	100	100	32.37	0.05	0.07	
12251	12292	57.56	100	100	9.15	0.01	0.01	
12252	12293	25.57	100	100	9.05	0.01	0.01	
12253	12294	147.96	100	100	13.88	0.02	0.01	
12254	12295	215.87	100	100	367.04	0.54	6.35	
12255	12296	170.64	100	100	362.88	0.53	6.21	
12256	12297	117.39	100	100	79.09	0.12	0.37	
12257	12298	80.72	100	100	104.30	0.15	0.62	
12258	12299	225.85	100	100	71.20	0.1	0.3	
12259	12300	88.84	100	100	67.50	0.1	0.28	
12260	12301	65.22	100	100	33.42	0.05	0.08	
12261	12302	57.87	100	100	11.57	0.02	0.01	
12262	12303	53.49	100	100	0.31	0	0	
12263	12304	122.44	100	100	19.58	0.03	0.03	
12264	12305	9.91	100	100	63.84	0.09	0.25	
12265	12306	119.87	100	100	19.89	0.03	0.03	
12266	12307	60.06	100	100	21.31	0.03	0.03	
12267	12308	122.2	100	100	31.30	0.05	0.07	
12268	12309	68.32	100	100	3.68	0.01	0	
12269	12310	49.94	100	100	2.42	0	0	
12270	12311	176.88	100	100	26.66	0.04	0.05	
12271	12312	73.67	100	100	66.25	0.1	0.27	
12272	12313	111.08	100	100	16.62	0.02	0.02	
12273	12314	114.09	100	100	12.07	0.02	0.01	
12274	12315	61.96	150	100	170.69	0.11	0.21	
12275	12316	68.72	100	100	189.97	0.28	1.87	
12276	12317	26.86	100	100	8.02	0.01	0.01	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
12277	12318	62.41	100	100	13.21	0.02	0.01	
12278	12319	45.22	100	100	27.38	0.04	0.05	
12279	12320	53.96	100	100	5.07	0.01	0	
12280	12321	63.28	100	100	84.78	0.12	0.42	
12281	12322	60.55	100	100	59.71	0.09	0.22	
12282	12323	121.24	100	100	60.35	0.09	0.22	
12283	12324	68.99	100	100	73.37	0.11	0.32	
12284	12325	124.81	150	100	68.17	0.04	0.04	
12285	12326	59.66	100	100	7.66	0.01	0	
12286	12327	111.95	100	100	47.84	0.07	0.15	
12287	12328	65.18	100	100	112.61	0.17	0.71	
12288	12329	64.35	100	100	71.07	0.1	0.3	
12289	12330	194.83	100	100	22.56	0.03	0.04	
12290	12331	47.34	100	100	22.67	0.03	0.04	
12291	12332	69.4	100	100	139.61	0.21	1.06	
12292	12333	143.31	100	100	54.89	0.08	0.19	
12293	12334	38.23	100	100	228.11	0.34	2.63	
12294	12335	71.52	100	100	41.04	0.06	0.11	
12295	12336	46.19	100	100	2.94	0	0	
12296	12337	51.47	100	100	8.64	0.01	0.01	
12297	12338	106.32	100	100	2.91	0	0	
12298	12339	100.54	100	100	10.87	0.02	0.01	
12299	12340	317.56	100	100	10.40	0.02	0.01	
12300	12341	46.74	100	100	43.85	0.06	0.12	
12301	12342	685.71	150	100	142.97	0.09	0.15	
12302	12343	126.56	100	100	76.67	0.11	0.35	
12303	12344	123.94	100	100	102.44	0.15	0.6	
12304	12345	198.39	100	100	16.53	0.02	0.02	
12305	12346	143.95	100	100	68.79	0.1	0.29	
12306	12347	50.54	100	100	142.04	0.21	1.09	
12307	12348	28.11	100	100	43.27	0.06	0.12	
12308	12349	67.96	100	100	29.78	0.04	0.06	
12309	12350	34.41	100	100	90.58	0.13	0.48	
12310	12351	202.35	100	100	123.01	0.18	0.84	
12311	12352	110.12	100	100	45.10	0.07	0.13	
12312	12353	36.62	100	100	25.01	0.04	0.04	
12313	12354	43.07	100	100	168.84	0.25	1.51	
12314	12355	128.59	100	100	20.29	0.03	0.03	
12315	12356	241.69	100	100	27.30	0.04	0.05	
12316	12357	95.84	100	100	1.38	0	0	
12317	12358	80.12	100	100	111.45	0.16	0.7	
12318	12359	199.93	100	100	28.17	0.04	0.05	
12319	12360	288.69	100	100	14.91	0.02	0.02	
12320	12361	206.54	100	100	97.01	0.14	0.54	
12321	12362	212.93	100	100	38.88	0.06	0.1	
12322	12363	591.16	100	100	135.14	0.2	1	
12323	12364	100.86	100	100	59.62	0.09	0.22	
12324	12365	52.05	100	100	94.58	0.14	0.51	
12325	12366	120.72	100	100	66.71	0.1	0.27	
12326	12367	45.59	100	100	18.55	0.03	0.03	
12327	12368	99.08	100	100	135.49	0.2	1	
12328	12369	48.77	100	100	21.62	0.03	0.03	
12329	12370	62.98	100	100	57.49	0.08	0.2	
12330	12371	131.13	100	100	87.05	0.13	0.44	
12331	12372	72.05	100	100	26.65	0.04	0.05	
12332	12373	65.84	100	100	25.76	0.04	0.05	
12333	12374	546.85	100	100	49.36	0.07	0.15	
12334	12375	1088.58	150	100	293.39	0.19	0.58	
12335	12376	145.26	100	100	16.25	0.02	0.02	
12336	12377	32.26	100	100	40.35	0.06	0.11	
12337	12378	131.8	100	100	39.31	0.06	0.1	
12338	12379	104.63	100	100	16.36	0.02	0.02	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
12339	12380	7.88	100	100	11.83	0.02	0.01	
12340	12381	47.06	100	100	248.46	0.37	3.08	
12341	12382	58.53	100	100	295.96	0.44	4.26	
12342	12383	81.75	100	100	8.33	0.01	0.01	
12343	12384	81.15	100	100	84.98	0.13	0.42	
12344	12385	123.85	100	100	86.23	0.13	0.43	
12345	12386	94.85	100	100	7.81	0.01	0.01	
12346	12387	118.8	100	100	54.39	0.08	0.18	
12347	12388	59.39	100	100	24.01	0.04	0.04	
12348	12389	55.95	100	100	72.32	0.11	0.31	
12349	12390	94.88	100	100	29.26	0.04	0.06	
12350	12391	92.94	100	100	49.51	0.07	0.16	
12351	12393	130.49	80	100	87.78	0.2	1.33	
12352	12394	29.08	100	100	11.41	0.02	0.01	
12353	12395	80.85	100	100	44.94	0.07	0.13	
12354	12396	117.61	100	100	24.35	0.04	0.04	
12355	12397	391.75	100	100	27.47	0.04	0.05	
12356	12398	544.46	100	100	0.00	0	0	
12357	12399	154.22	100	100	66.96	0.1	0.27	
12358	12400	48.9	100	100	50.29	0.07	0.16	
12359	12401	349.79	100	100	29.02	0.04	0.06	
12360	12402	260.16	100	100	31.17	0.05	0.07	
12361	12403	321.48	100	100	160.76	0.24	1.38	
12362	12404	68.98	100	100	13.46	0.02	0.01	
12363	12405	12.29	100	100	87.15	0.13	0.44	
12364	12406	319.03	100	100	55.01	0.08	0.19	
12365	12407	139.23	100	100	12.33	0.02	0.01	
12366	12408	1047.17	100	100	28.36	0.04	0.06	
12367	12409	401.59	100	100	9.05	0.01	0.01	
12368	12410	84.17	100	100	1.91	0	0	
12369	12411	63.86	100	100	12.52	0.02	0.01	
12370	12412	41.23	100	100	11.78	0.02	0.01	
12371	12413	48.16	100	100	9.34	0.01	0.01	
12372	12414	33.69	100	100	3.13	0	0	
12373	12415	61.82	100	100	2.23	0	0	
12374	12416	154.91	100	100	34.49	0.05	0.08	
12375	12417	97.12	100	100	168.05	0.25	1.49	
12376	12418	122.72	100	100	123.70	0.18	0.85	
12377	12419	95.79	100	100	126.45	0.19	0.88	
12378	12420	71.86	100	100	8.08	0.01	0.01	
12379	12421	80.83	100	100	110.51	0.16	0.69	
12380	12422	139.61	100	100	36.15	0.05	0.09	
12381	12423	80.39	100	100	6.93	0.01	0	
12382	12424	127.87	100	100	104.34	0.15	0.62	
12383	12425	55.02	100	100	122.16	0.18	0.83	
12384	12426	198.42	100	100	124.27	0.18	0.85	
12385	12427	66.58	100	100	16.86	0.02	0.02	
12386	12428	33.57	100	100	6.45	0.01	0	
12387	12429	41.16	100	100	27.63	0.04	0.05	
12388	12430	108.88	100	100	50.68	0.07	0.16	
12389	12431	31.76	100	100	12.94	0.02	0.01	
12390	12432	27.73	150	100	124.13	0.08	0.12	
12391	12433	12.13	100	100	45.49	0.07	0.13	
12392	12434	43.4	100	100	75.62	0.11	0.34	
12393	12435	99.91	100	100	15.53	0.02	0.02	
12394	12436	53.82	100	100	368.82	0.54	6.4	
12395	12437	99.02	100	100	26.79	0.04	0.05	
12396	12438	158.89	100	100	159.20	0.23	1.35	
12397	12439	89.39	100	100	360.59	0.53	6.14	
12398	12440	187.44	100	100	50.22	0.07	0.16	
12399	12441	119.91	100	100	10.69	0.02	0.01	
12400	12442	250	100	100	18.49	0.03	0.03	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
12401	12443	115.65	150	100	42.20	0.03	0.02	
12402	12444	26.17	100	100	380.64	0.56	6.79	
12403	12445	109.59	100	100	130.60	0.19	0.94	
12404	12446	157.14	100	100	84.36	0.12	0.42	
12405	12447	883.37	100	100	53.91	0.08	0.18	
12406	12448	146.27	100	100	179.42	0.26	1.69	
12407	12449	155.98	100	100	157.59	0.23	1.33	
12408	12450	271.06	100	100	770.87	1.14	25.08	
12409	12451	319.9	100	100	2.00	0	0	
12410	12452	351.21	100	100	19.42	0.03	0.03	
12411	12453	68.13	100	100	192.19	0.28	1.91	
12412	16687	266.13	100	100	22.55	0.03	0.04	
12413	12454	137.98	100	100	9.15	0.01	0.01	
12414	12455	109.93	100	100	115.11	0.17	0.74	
12415	12456	21.81	100	100	755.93	1.11	24.19	
12416	12457	46.64	100	100	65.10	0.1	0.26	
12417	12458	38.5	100	100	40.64	0.06	0.11	
12418	12459	229.78	100	100	153.32	0.23	1.26	
12419	12460	74.35	100	100	13.76	0.02	0.01	
12420	12461	101.89	100	100	68.07	0.1	0.28	
12421	12462	67.16	100	100	44.23	0.07	0.13	
12422	12463	197.69	100	100	85.54	0.13	0.43	
12423	12464	63.24	100	100	12.84	0.02	0.01	
12424	12465	67.86	100	100	91.43	0.13	0.48	
12425	12466	176.83	150	100	211.69	0.14	0.32	
12426	12467	74.07	100	100	167.53	0.25	1.48	
12427	12468	29.03	100	100	57.73	0.09	0.21	
12428	12469	53.44	100	100	18.93	0.03	0.03	
12429	12470	189.71	100	100	28.97	0.04	0.06	
12430	12471	32.34	100	100	43.21	0.06	0.12	
12431	12472	99.4	100	100	27.20	0.04	0.05	
12432	12473	36.25	100	100	24.50	0.04	0.04	
12433	12474	104.25	100	100	12.76	0.02	0.01	
12434	12475	106.77	100	100	0.51	0	0	
12435	12476	61.54	100	100	86.16	0.13	0.43	
12436	12477	39.44	100	100	23.41	0.03	0.04	
12437	12478	72.05	100	100	91.85	0.14	0.49	
12438	12479	147.67	100	100	2.35	0	0	
12439	12480	103.4	100	100	5.20	0.01	0	
12440	12481	69.94	100	100	43.30	0.06	0.12	
12441	12482	62.68	150	100	5.71	0	0	
12442	12483	14.91	100	100	41.88	0.06	0.11	
12443	12484	232.68	100	100	23.78	0.04	0.04	
12444	12485	528.14	100	100	105.65	0.16	0.63	
12445	12486	164.84	100	100	164.18	0.24	1.43	
12446	12487	124.08	100	100	12.15	0.02	0.01	
12447	12488	136.06	100	100	17.39	0.03	0.02	
12448	12489	60.21	100	100	4.41	0.01	0	
12449	12490	128.39	100	100	63.52	0.09	0.25	
12450	12491	103.94	100	100	791.45	1.17	26.33	
12451	12492	321.01	100	100	16.14	0.02	0.02	
12452	12493	127.86	100	100	43.80	0.06	0.12	
12453	12494	117.07	100	100	25.25	0.04	0.04	
12454	12495	198.48	100	100	81.91	0.12	0.39	
12455	12496	356.84	100	100	614.53	0.91	16.48	
12456	12497	157.34	100	100	7.52	0.01	0	
12457	12498	177.68	150	100	126.80	0.08	0.12	
12458	12499	139.96	150	100	176.12	0.12	0.23	
12459	12500	111.21	400	100	3270.51	0.3	0.43	
12460	12501	17.48	150	100	397.26	0.26	1.02	
12461	12502	47.89	150	100	217.56	0.14	0.33	
12462	12503	141.33	80	100	24.38	0.06	0.12	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
12463	12504	35.72	300	100	76.02	0.01	0	
12464	12505	50.81	100	100	179.09	0.26	1.68	
12465	12506	83.84	100	100	182.05	0.27	1.73	
12466	12507	66.4	150	100	272.62	0.18	0.51	
12467	12508	187.04	150	100	167.18	0.11	0.21	
12468	12509	74.8	200	100	555.97	0.2	0.47	
12469	12510	167.14	100	100	313.15	0.46	4.73	
12470	12511	85.08	200	100	799.46	0.29	0.92	
12471	12512	100.96	300	100	8088.35	1.32	9.24	
12472	12513	55.75	100	100	199.77	0.29	2.06	
12473	12514	34.64	100	100	104.83	0.15	0.62	
12474	12515	116.65	150	100	434.67	0.28	1.2	
12475	12516	204.63	100	100	110.46	0.16	0.69	
12476	12517	148.2	200	100	1263.78	0.47	2.14	
12477	12518	99.05	150	100	44.66	0.03	0.02	
12478	12519	96.7	100	100	47.95	0.07	0.15	
12479	12520	308.4	150	100	1439.56	0.94	11.06	
12480	12521	19.78	150	100	14.65	0.01	0	
12481	12522	161.09	100	100	132.74	0.2	0.96	
12482	12523	58.21	150	100	628.03	0.41	2.38	
12483	12524	79.92	100	100	362.04	0.53	6.19	
12484	12525	1.96	150	100	0.00	0	0	
12485	12526	78.97	150	100	585.38	0.38	2.09	
12486	12527	250.19	100	100	259.12	0.38	3.33	
12487	12528	169.96	150	100	904.02	0.59	4.67	
12488	12529	75.33	150	100	36.32	0.02	0.01	
12489	12530	81.52	150	100	335.99	0.22	0.75	
12490	12531	81.27	200	100	41.20	0.02	0	
12491	12532	166.78	150	100	390.38	0.26	0.99	
12492	12533	196.41	150	100	56.48	0.04	0.03	
12493	12534	40.76	200	100	383.03	0.14	0.23	
12494	12535	79.09	200	100	494.21	0.18	0.38	
12495	12536	76.29	200	100	632.79	0.23	0.59	
12496	12537	84.68	150	100	53.63	0.04	0.03	
12497	12538	42.72	100	100	108.68	0.16	0.67	
12498	12539	84.54	80	100	40.75	0.09	0.32	
12499	12540	54.98	200	100	774.07	0.29	0.86	
12500	12541	81.23	150	100	138.87	0.09	0.15	
12501	12542	86.25	100	100	32.33	0.05	0.07	
12502	12543	16.11	200	100	776.52	0.29	0.87	
12503	12544	75.39	150	100	195.47	0.13	0.27	
12504	12545	81.25	150	100	312.54	0.2	0.65	
12505	12546	114.52	100	100	57.82	0.09	0.21	
12506	12547	189.7	150	100	98.95	0.06	0.08	
12507	12548	6.4	200	100	2004.57	0.74	5.03	
12508	12549	184.41	150	100	32.92	0.02	0.01	
12509	12550	36.94	100	100	10.75	0.02	0.01	
12510	12551	3.27	600	100	6116.13	0.25	0.19	
12511	12552	105.15	100	100	63.92	0.09	0.25	
12512	12553	98.78	250	100	606.01	0.14	0.19	
12513	12554	2.43	600	100	3576.74	0.15	0.07	
12514	12555	57.35	100	100	98.96	0.15	0.56	
12515	12556	81.16	200	100	352.88	0.13	0.2	
12516	12557	72.04	150	100	203.34	0.13	0.29	
12517	12558	135.59	100	100	106.77	0.16	0.64	
12518	12559	124.82	100	100	6.70	0.01	0	
12519	12560	78.75	150	100	126.80	0.08	0.12	
12520	12561	213.48	150	100	69.38	0.05	0.04	
12521	12562	207.3	150	100	143.62	0.09	0.15	
12522	12563	25.91	150	100	448.48	0.29	1.28	
12523	12564	117.45	150	100	362.85	0.24	0.86	
12524	12565	100.87	200	100	1335.96	0.49	2.37	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
12525	12566	30.51	100	100	116.25	0.17	0.75	
12526	12567	72.13	100	100	16.10	0.02	0.02	
12527	12568	80.75	100	100	20.70	0.03	0.03	
12528	12569	45.6	100	100	22.47	0.03	0.04	
12529	12570	156.74	200	100	188.38	0.07	0.06	
12530	12571	107.61	150	100	181.47	0.12	0.24	
12531	12572	87.3	200	100	331.37	0.12	0.18	
12532	12573	34.02	100	100	112.71	0.17	0.71	
12533	12574	55.48	100	100	59.66	0.09	0.22	
12534	12575	63.7	100	100	34.55	0.05	0.08	
12535	12576	79.81	150	100	43.15	0.03	0.02	
12536	12577	53.12	100	100	42.51	0.06	0.12	
12537	12578	49.37	100	100	10.63	0.02	0.01	
12538	12579	23.42	100	100	15.54	0.02	0.02	
12539	12580	96.56	100	100	25.95	0.04	0.05	
12540	12581	53.89	100	100	37.28	0.05	0.09	
12541	12582	42.02	100	100	30.96	0.05	0.07	
12542	12583	88.51	150	100	28.85	0.02	0.01	
12543	12584	18.22	100	100	8.61	0.01	0.01	
12544	12585	48.21	100	100	61.35	0.09	0.23	
12545	12586	87.2	100	100	18.36	0.03	0.02	
12546	12587	79.93	100	100	19.29	0.03	0.03	
12547	12588	27.32	100	100	57.14	0.08	0.2	
12548	12589	5.25	100	100	47.74	0.07	0.15	
12549	12590	82.48	200	100	242.07	0.09	0.1	
12550	12591	86.9	200	100	273.98	0.1	0.13	
12551	12592	17.52	100	100	36.32	0.05	0.09	
12552	12593	14.19	100	100	18.06	0.03	0.02	
12553	12594	69.12	100	100	60.17	0.09	0.22	
12554	12595	67.37	100	100	51.29	0.08	0.17	
12555	12596	117.11	100	100	2.98	0	0	
12556	12597	45.56	150	100	326.67	0.21	0.71	
12557	12598	50.18	150	100	174.69	0.11	0.22	
12558	12599	119.06	150	100	95.67	0.06	0.07	
12559	12600	68.66	150	100	157.41	0.1	0.18	
12560	12601	170.79	200	100	603.19	0.22	0.54	
12561	12602	48.75	200	100	572.14	0.21	0.49	
12562	12603	157.09	200	100	394.62	0.15	0.25	
12563	12604	13.29	200	100	1833.92	0.68	4.27	
12564	12605	54.31	150	100	460.53	0.3	1.34	
12565	12606	58.63	100	100	54.11	0.08	0.18	
12566	12607	36.43	100	100	34.89	0.05	0.08	
12567	12608	75.06	100	100	21.37	0.03	0.03	
12568	12609	34.52	100	100	47.29	0.07	0.14	
12569	12610	41.27	100	100	12.74	0.02	0.01	
12570	12611	6.29	100	100	130.34	0.19	0.93	
12571	12612	127.44	100	100	55.38	0.08	0.19	
12572	12613	72.25	150	100	53.61	0.04	0.02	
12573	12614	12.66	150	100	424.28	0.28	1.15	
12574	12615	3.49	100	100	326.78	0.48	5.11	
12575	12616	52.5	100	100	103.81	0.15	0.61	
12576	12617	4.09	100	100	98.23	0.14	0.55	
12577	12618	92.8	100	100	35.51	0.05	0.08	
12578	12619	75.44	100	100	67.85	0.1	0.28	
12579	12620	170.81	150	100	64.84	0.04	0.04	
12580	12621	100.06	150	100	375.02	0.25	0.92	
12581	12622	73.13	300	100	427.45	0.07	0.04	
12582	12623	417.76	150	100	399.00	0.26	1.03	
12583	12624	251.75	700	100	15943.62	0.48	0.52	
12584	12625	14.15	700	100	6957.40	0.21	0.11	
12585	12626	61.55	150	100	335.21	0.22	0.74	
12586	12627	38.38	400	100	128.81	0.01	0	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
12587	12628	39.3	150	100	424.88	0.28	1.15	
12588	12629	330.28	150	100	32.77	0.02	0.01	
12589	12630	84.54	150	100	109.44	0.07	0.09	
12590	12631	64.32	150	100	44.97	0.03	0.02	
12591	12632	64.97	150	100	135.15	0.09	0.14	
12592	12633	205.18	100	100	14.18	0.02	0.02	
12593	12634	66.49	150	100	88.34	0.06	0.06	
12594	12635	66.56	150	100	124.09	0.08	0.12	
12595	12636	84.82	80	100	6.36	0.01	0.01	
12596	12637	39.46	100	100	17.75	0.03	0.02	
12597	12638	35.89	100	100	43.74	0.06	0.12	
12598	12639	185.78	200	100	77.16	0.03	0.01	
12599	12640	64.87	150	100	331.18	0.22	0.73	
12600	12641	114.29	80	100	58.72	0.14	0.63	
12601	12642	81.6	150	100	272.34	0.18	0.51	
12602	12643	117.44	100	100	79.90	0.12	0.38	
12603	12644	231.29	150	100	138.50	0.09	0.14	
12604	12645	113.87	200	100	1618.78	0.6	3.39	
12605	12646	55	100	100	230.53	0.34	2.68	
12606	12647	44.85	100	100	500.16	0.74	11.26	
12607	12648	176.14	100	100	150.09	0.22	1.21	
12608	12649	58.41	100	100	19.67	0.03	0.03	
12609	12650	137.24	100	100	98.73	0.15	0.56	
12610	12651	97.91	80	100	53.87	0.12	0.54	
12611	12652	56.77	100	100	54.64	0.08	0.19	
12612	12653	65.32	100	100	106.81	0.16	0.64	
12613	12654	200.33	100	100	89.27	0.13	0.46	
12614	12655	62.92	150	100	148.93	0.1	0.17	
12615	12656	135.99	100	100	91.03	0.13	0.48	
12616	12657	264.51	600	100	8243.05	0.34	0.33	
12617	12658	10.23	400	100	245.34	0.02	0	
12618	12659	131.75	100	100	112.86	0.17	0.71	
12619	12660	97.29	150	100	283.38	0.19	0.55	
12620	12661	67.23	150	100	242.10	0.16	0.41	
12621	12662	151.51	400	100	293.52	0.03	0	
12622	12663	103.87	100	100	37.21	0.05	0.09	
12623	12664	64.68	150	100	181.00	0.12	0.24	
12624	12665	69.36	200	100	192.82	0.07	0.07	
12625	12666	72.07	150	100	307.59	0.2	0.63	
12626	12667	88.71	100	100	161.12	0.24	1.38	
12627	12668	64.23	150	100	433.25	0.28	1.2	
12628	12669	3.37	150	100	615.62	0.4	2.29	
12629	12670	82.54	150	100	54.33	0.04	0.03	
12630	12671	47.71	150	100	305.82	0.2	0.63	
12631	12672	236.38	100	100	69.41	0.1	0.29	
12632	12673	128.93	150	100	188.37	0.12	0.26	
12633	12674	86.72	150	100	261.88	0.17	0.47	
12634	12675	99.46	150	100	154.73	0.1	0.18	
12635	12676	107.69	100	100	34.67	0.05	0.08	
12636	12677	57.87	150	100	304.30	0.2	0.62	
12637	12678	44.08	150	100	450.28	0.29	1.29	
12638	12679	156.25	150	100	379.40	0.25	0.94	
12639	12680	133.51	100	100	76.73	0.11	0.35	
12640	12681	112.27	100	100	85.87	0.13	0.43	
12641	12682	68.06	80	100	22.54	0.05	0.11	
12642	12683	48.48	150	100	580.85	0.38	2.06	
12643	12684	46.83	200	100	573.29	0.21	0.5	
12644	12685	105.15	100	100	56.95	0.08	0.2	
12645	12686	57.74	200	100	329.24	0.12	0.18	
12646	12687	95.44	100	100	153.06	0.23	1.26	
12647	12688	66.33	200	100	1276.01	0.47	2.18	
12648	12689	71.05	100	100	160.93	0.24	1.38	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
12649	12690	162.29	150	100	483.97	0.32	1.47	
12650	12691	91.43	100	100	230.11	0.34	2.67	
12651	12692	1.53	200	100	1119.96	0.41	1.71	
12652	12693	168.62	300	100	3210.08	0.53	1.67	
12653	12694	267.17	600	100	14091.09	0.58	0.88	
12654	12695	71.06	200	100	1657.17	0.61	3.54	
12655	12696	107.98	600	100	23151.65	0.95	2.22	
12656	12697	184.02	300	100	2534.50	0.41	1.08	
12657	12698	56.79	100	100	215.00	0.32	2.36	
12658	12699	30.32	100	100	7.33	0.01	0	
12659	12700	135.45	150	100	137.13	0.09	0.14	
12660	12701	54.23	100	100	20.25	0.03	0.03	
12661	12702	64.44	100	100	145.99	0.22	1.15	
12662	12703	91	100	100	107.12	0.16	0.65	
12663	12704	93.95	80	100	84.73	0.2	1.25	
12664	12705	42.72	100	100	54.67	0.08	0.19	
12665	12706	22.17	100	100	170.62	0.25	1.54	
12666	12707	107.94	200	100	215.44	0.08	0.08	
12667	12708	90.43	100	100	8.56	0.01	0.01	
12668	12709	187.17	100	100	75.60	0.11	0.34	
12669	12710	90.91	100	100	5.90	0.01	0	
12670	12711	89.59	100	100	12.29	0.02	0.01	
12671	12712	24.28	100	100	42.45	0.06	0.12	
12672	12713	57.54	150	100	169.10	0.11	0.21	
12673	12714	88.49	150	100	73.10	0.05	0.04	
12674	12715	188.55	100	100	39.82	0.06	0.1	
12675	12716	90.83	150	100	126.52	0.08	0.12	
12676	12717	60.47	200	100	196.34	0.07	0.07	
12677	12718	147.87	150	100	305.54	0.2	0.63	
12678	12719	69.6	150	100	276.35	0.18	0.52	
12679	12720	90.21	200	100	163.59	0.06	0.05	
12680	12721	112.51	250	100	6820.71	1.61	16.39	
12681	12722	171.16	100	100	146.00	0.22	1.15	
12682	12723	292.08	150	100	185.48	0.12	0.25	
12683	12724	189.98	80	100	31.60	0.07	0.2	
12684	12725	20.26	100	100	71.15	0.1	0.3	
12685	12726	67.1	100	100	102.90	0.15	0.6	
12686	12727	71.16	150	100	418.34	0.27	1.12	
12687	12728	156.53	100	100	61.83	0.09	0.23	
12688	12729	16.36	80	100	40.37	0.09	0.32	
12689	12730	56.99	80	100	0.00	0	0	
12690	12731	227.81	100	100	5.08	0.01	0	
12691	12732	238.96	100	100	69.85	0.1	0.29	
12692	12733	12.75	250	100	6640.67	1.57	15.59	
12693	12734	91.19	150	100	1202.92	0.79	7.93	
12694	12735	91.89	100	100	218.48	0.32	2.43	
12695	12736	92.29	100	100	57.59	0.08	0.21	
12696	12737	41.33	150	100	563.36	0.37	1.95	
12697	12738	79.44	150	100	880.36	0.58	4.45	
12698	12739	44.23	150	100	490.16	0.32	1.5	
12699	12740	57	150	100	1147.93	0.75	7.27	
12700	12741	0.88	150	100	1519.95	1	12.23	
12701	12742	35.55	150	100	932.65	0.61	4.95	
12702	12743	85.09	150	100	261.21	0.17	0.47	
12703	12744	68.63	100	100	57.90	0.09	0.21	
12704	12745	2.06	150	100	0.00	0	0	
12705	12746	49.95	150	100	200.06	0.13	0.29	
12706	12747	158.31	100	100	87.80	0.13	0.45	
12707	12748	44.65	150	100	14.00	0.01	0	
12708	12749	51.54	150	100	166.78	0.11	0.2	
12709	12750	103.32	100	100	12.32	0.02	0.01	
12710	12751	103.48	100	100	18.16	0.03	0.02	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
12711	12752	44.2	150	100	80.85	0.05	0.05	
12712	12753	42.46	100	100	41.11	0.06	0.11	
12713	12754	15.82	100	100	3.93	0.01	0	
12714	12755	34.86	100	100	87.58	0.13	0.45	
12715	12756	92.64	200	100	680.64	0.25	0.68	
12716	12757	27.5	80	100	51.57	0.12	0.5	
12717	12758	47.11	200	100	663.19	0.24	0.65	
12718	12759	66.18	100	100	52.31	0.08	0.17	
12719	12760	54.21	100	100	15.28	0.02	0.02	
12720	12761	52.78	150	100	155.31	0.1	0.18	
12721	12762	130.23	150	100	167.06	0.11	0.2	
12722	12763	193.61	100	100	16.33	0.02	0.02	
12723	12764	58.67	100	100	85.60	0.13	0.43	
12724	12765	70.56	200	100	180.61	0.07	0.06	
12725	12766	93.95	100	100	26.07	0.04	0.05	
12726	12767	94.83	200	100	213.20	0.08	0.08	
12727	12768	56.46	100	100	157.83	0.23	1.33	
12728	12769	112.21	150	100	70.40	0.05	0.04	
12729	12770	86.81	100	100	96.02	0.14	0.53	
12730	12771	100.65	100	100	72.93	0.11	0.32	
12731	12772	257.03	100	100	37.74	0.06	0.09	
12732	12773	99.77	100	100	110.69	0.16	0.69	
12733	12774	69.91	100	100	83.92	0.12	0.41	
12734	12775	88.2	150	100	385.25	0.25	0.96	
12735	12776	15.47	500	100	230.87	0.01	0	
12736	12777	118.34	400	100	4255.73	0.39	0.69	
12737	12778	102.75	200	100	213.77	0.08	0.08	
12738	12779	2.72	80	100	64.62	0.15	0.75	
12739	12780	32.85	100	100	395.17	0.58	7.28	
12740	12781	52.53	100	100	36.23	0.05	0.09	
12741	12782	174.08	100	100	11.66	0.02	0.01	
12742	12783	26.1	100	100	39.12	0.06	0.1	
12743	12784	45.33	100	100	23.83	0.04	0.04	
12744	12785	53.25	80	100	5.81	0.01	0.01	
12745	12786	51.45	150	100	145.35	0.1	0.16	
12746	12787	50.65	100	100	149.79	0.22	1.21	
12747	12788	178.79	150	100	70.00	0.05	0.04	
12748	12789	87.96	100	100	103.49	0.15	0.61	
12749	12790	102.68	100	100	88.64	0.13	0.46	
12750	12791	85.15	100	100	100.41	0.15	0.58	
12751	12792	53.56	150	100	228.08	0.15	0.36	
12752	12793	35.51	150	100	63.92	0.04	0.03	
12753	12794	28.56	300	100	996.59	0.16	0.19	
12754	12795	68.41	600	100	15641.17	0.64	1.07	
12755	12796	10.77	200	100	1102.37	0.41	1.66	
12756	12797	71.58	150	100	357.39	0.23	0.84	
12757	12798	56.11	300	100	325.84	0.05	0.02	
12758	12799	18.36	100	100	23.85	0.04	0.04	
12759	12800	139.61	80	100	11.47	0.03	0.02	
12760	12801	59.1	100	100	31.23	0.05	0.07	
12761	12802	88.16	300	100	42.29	0.01	0	
12762	12803	112	100	100	110.99	0.16	0.69	
12763	12804	112.83	100	100	91.56	0.13	0.48	
12764	12805	31.92	100	100	196.08	0.29	1.99	
12765	12806	66.83	150	100	60.52	0.04	0.03	
12766	12807	59.46	100	100	13.33	0.02	0.01	
12767	12808	61.24	100	100	66.93	0.1	0.27	
12768	12809	70.12	100	100	21.79	0.03	0.03	
12769	12810	29.76	100	100	41.39	0.06	0.11	
12770	12811	54.26	100	100	80.65	0.12	0.38	
12771	12812	136.8	100	100	7.43	0.01	0	
12772	12813	116.53	80	100	20.53	0.05	0.09	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
12773	12814	110.58	150	100	225.19	0.15	0.36	
12774	12815	127.43	150	100	227.97	0.15	0.36	
12775	12816	60.66	100	100	20.17	0.03	0.03	
12776	12817	69.64	100	100	19.96	0.03	0.03	
12777	12818	37.7	150	100	449.99	0.29	1.28	
12778	12819	3.2	200	100	896.02	0.33	1.13	
12779	12820	3.38	100	100	111.94	0.16	0.7	
12780	12821	52.98	100	100	146.47	0.22	1.16	
12781	12822	97.1	100	100	4.05	0.01	0	
12782	12823	85.84	150	100	55.69	0.04	0.03	
12783	12824	86.62	150	100	642.75	0.42	2.49	
12784	12825	143.94	100	100	77.07	0.11	0.35	
12785	12826	106.23	150	100	257.55	0.17	0.46	
12786	12827	33.12	150	100	69.23	0.05	0.04	
12787	12828	60.06	100	100	5.64	0.01	0	
12788	12829	21.91	100	100	12.75	0.02	0.01	
12789	12830	42.65	100	100	0.20	0	0	
12790	12831	36.77	100	100	15.19	0.02	0.02	
12791	12832	68.79	150	100	104.17	0.07	0.09	
12792	12833	12.53	150	100	128.53	0.08	0.13	
12793	12834	82.36	150	100	112.25	0.07	0.1	
12794	12835	52.26	100	100	26.28	0.04	0.05	
12795	12836	109.18	150	100	40.12	0.03	0.01	
12796	12837	101.54	150	100	167.30	0.11	0.21	
12797	12838	26.36	100	100	91.35	0.13	0.48	
12798	12839	118.44	100	100	13.56	0.02	0.01	
12799	12840	58.26	100	100	39.02	0.06	0.1	
12800	12841	30.06	150	100	428.77	0.28	1.17	
12801	12842	58.25	100	100	165.40	0.24	1.45	
12802	12843	100.1	200	100	550.84	0.2	0.46	
12803	12844	42.97	100	100	34.38	0.05	0.08	
12804	12845	45.13	100	100	167.23	0.25	1.48	
12805	12846	106.32	200	100	916.43	0.34	1.18	
12806	12847	264.7	600	100	9065.38	0.37	0.39	
12807	12848	51.83	100	100	8.02	0.01	0.01	
12808	12849	83.09	100	100	41.52	0.06	0.11	
12809	12850	176.68	100	100	73.98	0.11	0.33	
12810	12851	48.2	100	100	57.09	0.08	0.2	
12811	12852	166.26	100	100	26.37	0.04	0.05	
12812	12853	127.56	100	100	4.83	0.01	0	
12813	12854	47.48	100	100	80.04	0.12	0.38	
12814	12855	99.36	100	100	40.78	0.06	0.11	
12815	12856	105.2	100	100	11.36	0.02	0.01	
12816	12857	170.52	100	100	190.86	0.28	1.89	
12817	12858	30.56	150	100	179.62	0.12	0.23	
12818	12859	119.38	150	100	386.71	0.25	0.97	
12819	12860	380.94	150	100	215.53	0.14	0.33	
12820	12861	122.59	600	100	10624.77	0.43	0.52	
12821	12862	313.37	800	100	3386.63	0.08	0.02	
12822	12863	7.92	150	100	590.07	0.39	2.12	
12823	12864	30.37	150	100	1284.73	0.84	8.96	
12824	12865	50.39	400	100	1847.57	0.17	0.15	
12825	12866	49.21	100	100	6.59	0.01	0	
12826	12867	62.41	150	100	82.49	0.05	0.06	
12827	12868	101.73	100	100	67.73	0.1	0.28	
12828	12869	47.38	100	100	25.17	0.04	0.04	
12829	12870	77.67	100	100	2.36	0	0	
12830	12871	46.2	100	100	3.25	0	0	
12831	12872	432.18	400	100	2124.04	0.2	0.19	
12832	12873	18.06	150	100	669.69	0.44	2.68	
12833	12874	2.55	600	100	1341.49	0.05	0.01	
12834	12875	12.48	100	100	238.86	0.35	2.86	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
12835	12876	34.91	150	100	247.48	0.16	0.42	
12836	12877	61.43	150	100	166.42	0.11	0.2	
12837	12878	73.7	150	100	91.32	0.06	0.07	
12838	12879	75.83	100	100	12.32	0.02	0	
12839	12880	153.47	80	100	28.19	0.06	0.16	
12840	12881	108.38	100	100	49.22	0.07	0.15	
12841	12882	65.75	200	100	333.34	0.12	0.18	
12842	12883	104.2	100	100	42.45	0.06	0.12	
12843	12884	23.37	100	100	18.82	0.03	0.03	
12844	12885	116.3	100	100	20.38	0.03	0.03	
12845	12886	106.61	100	100	14.79	0.02	0.02	
12846	12887	50.25	100	100	55.29	0.08	0.19	
12847	12888	29.89	100	100	86.42	0.13	0.44	
12848	12889	54.17	100	100	23.31	0.03	0.04	
12849	12890	200.13	100	100	38.31	0.06	0.1	
12850	12891	46.91	100	100	69.22	0.1	0.29	
12851	12892	5.67	150	100	308.68	0.2	0.64	
12852	12893	80.54	150	100	75.00	0.05	0.05	
12853	12894	150.54	100	100	119.52	0.18	0.79	
12854	12895	72.72	100	100	149.14	0.22	1.2	
12855	12896	135.68	150	100	116.59	0.08	0.11	
12856	12897	595.71	600	100	13571.42	0.56	0.82	
12857	12898	148.54	600	100	13320.18	0.55	0.8	
12858	12899	10.63	150	100	770.70	0.5	3.48	
12859	12900	140.73	100	100	247.87	0.37	3.07	
12860	12901	110.12	150	100	386.61	0.25	0.97	
12861	12902	154.36	200	100	540.17	0.2	0.44	
12862	12903	57.66	150	100	573.21	0.38	2.01	
12863	12904	24.29	80	100	162.02	0.37	4.14	
12864	12905	1.29	80	100	103.01	0.24	1.79	
12865	12906	27.39	80	100	59.01	0.14	0.64	
12866	12907	2.23	150	100	162.02	0.11	0.2	
12867	12908	97.5	100	100	91.14	0.13	0.48	
12868	12909	48.51	150	100	28.74	0.02	0.01	
12869	12910	94.65	100	100	22.91	0.03	0.04	
12870	12911	83.48	600	100	10416.54	0.43	0.5	
12871	12912	9.06	300	100	806.14	0.13	0.13	
12872	12913	210.88	150	100	302.29	0.2	0.61	
12873	12914	106.69	100	100	116.65	0.17	0.76	
12874	12915	106.92	150	100	54.05	0.04	0.03	
12875	12916	98.77	100	100	90.38	0.13	0.47	
12876	12917	96.49	100	100	8.00	0.01	0.01	
12877	12918	52.15	100	100	35.26	0.05	0.08	
12878	12919	52.83	200	100	93.44	0.03	0.02	
12879	12920	161.29	150	100	345.63	0.23	0.79	
12880	12921	186.52	150	100	75.87	0.05	0.05	
12881	12922	93.54	100	100	57.20	0.08	0.2	
12882	12923	89.53	100	100	49.63	0.07	0.16	
12883	12924	59.8	100	100	13.88	0.02	0.01	
12884	12925	62.07	100	100	12.11	0.02	0.01	
12885	12926	85.5	100	100	19.33	0.03	0.03	
12886	12927	62.97	100	100	13.06	0.02	0.01	
12887	12928	21.03	100	100	146.63	0.22	1.16	
12888	12929	96.89	100	100	83.04	0.12	0.4	
12889	12930	200.03	100	100	57.35	0.08	0.2	
12890	12931	111.48	200	100	468.95	0.17	0.34	
12891	12932	238.28	80	100	6.80	0.02	0.01	
12892	12933	20.82	150	100	577.88	0.38	2.04	
12893	12934	62.9	100	100	20.22	0.03	0.03	
12894	12935	75.9	100	100	82.73	0.12	0.4	
12895	12936	53.76	150	100	63.30	0.04	0.03	
12896	12937	68.68	100	100	31.19	0.05	0.07	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
12897	12938	315	200	100	367.70	0.14	0.22	
12898	12939	94.88	250	100	347.97	0.08	0.07	
12899	12940	74.61	250	100	320.92	0.08	0.06	
12900	12941	57.47	100	100	108.24	0.16	0.66	
12901	12942	103.36	600	100	10966.36	0.45	0.56	
12902	12943	70.72	900	100	22633.15	0.41	0.29	
12903	12944	47.54	150	100	215.81	0.14	0.33	
12904	12945	20.52	150	100	106.85	0.07	0.09	
12905	12946	51.89	150	100	287.84	0.19	0.56	
12906	12947	6.66	150	100	160.52	0.11	0.19	
12907	12948	108.17	150	100	136.56	0.09	0.14	
12908	12949	57.13	150	100	198.38	0.13	0.28	
12909	12950	63.49	100	100	115.11	0.17	0.74	
12910	12951	241.72	100	100	100.34	0.15	0.57	
12911	12952	47.53	200	100	519.86	0.19	0.41	
12912	12953	246.96	600	100	11138.19	0.46	0.57	
12913	12954	447.58	150	100	248.97	0.16	0.43	
12914	12955	7.71	150	100	820.61	0.54	3.91	
12915	12956	139.34	600	100	9318.62	0.38	0.41	
12916	12957	4.71	150	100	588.69	0.39	2.11	
12917	12958	9.93	600	100	2668.72	0.11	0.04	
12918	12959	112.79	150	100	249.59	0.16	0.43	
12919	12960	7.18	150	100	494.39	0.32	1.53	
12920	12961	43.18	150	100	214.21	0.14	0.32	
12921	12962	45.59	150	100	307.89	0.2	0.64	
12922	12963	126.1	150	100	108.99	0.07	0.09	
12923	12964	52.24	150	100	181.43	0.12	0.24	
12924	12965	86.92	150	100	1.79	0	0	
12925	12966	98.09	150	100	186.00	0.12	0.25	
12926	12967	85.04	150	100	9.96	0.01	0	
12927	12968	44.53	150	100	7.88	0.01	0	
12928	12969	38.64	150	100	176.20	0.12	0.23	
12929	12970	116.27	100	100	2.89	0	0	
12930	12971	24.5	150	100	189.25	0.12	0.26	
12931	12972	177.48	100	100	23.45	0.03	0.04	
12932	12973	16.59	200	100	516.87	0.19	0.41	
12933	12974	51.9	100	100	123.59	0.18	0.85	
12934	12975	60.81	100	100	168.56	0.25	1.5	
12935	12976	57.27	200	100	230.53	0.08	0.09	
12936	12977	57.43	250	100	230.53	0.05	0.03	
12937	12978	53.65	150	100	131.87	0.09	0.13	
12938	12979	136.23	100	100	42.92	0.06	0.12	
12939	12980	136.56	100	100	42.86	0.06	0.12	
12940	12981	35.85	150	100	9.84	0.01	0	
12941	12982	24.34	150	100	120.85	0.08	0.11	
12942	12983	90.69	100	100	39.00	0.06	0.1	
12943	12984	81.93	100	100	26.10	0.04	0.05	
12944	12985	76	150	100	280.39	0.18	0.53	
12945	12986	47.61	100	100	118.29	0.17	0.78	
12946	12987	108.23	100	100	74.16	0.11	0.33	
12947	12988	2.58	100	100	541.33	0.8	13.03	
12948	12989	161.41	100	100	64.00	0.09	0.25	
12949	12990	4.5	150	100	533.19	0.35	1.76	
12950	12991	63.17	150	100	51.51	0.03	0.02	
12951	12992	20.86	150	100	34.96	0.02	0.01	
12952	12993	128.42	100	100	7.09	0.01	0	
12953	12994	33.99	150	100	34.96	0.02	0.01	
12954	12995	54.19	150	100	0.00	0	0	
12955	12996	125.14	100	100	58.90	0.09	0.21	
12956	12997	92.36	150	100	293.23	0.19	0.58	
12957	12998	43.06	150	100	83.62	0.05	0.06	
12958	12999	147.02	100	100	9.16	0.01	0.01	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
12959	13000	3.21	150	100	164.02	0.11	0.2	
12960	13001	95.7	100	100	124.12	0.18	0.85	
12961	13002	77.91	100	100	33.42	0.05	0.07	
12962	13003	83.05	150	100	17.47	0.01	0	
12963	13004	41.37	300	100	676.74	0.11	0.09	
12964	13005	4.05	150	100	602.72	0.39	2.21	
12965	13006	124.28	100	100	16.79	0.02	0.02	
12966	13007	83.63	150	100	794.99	0.52	3.68	
12967	13008	42.28	80	100	56.87	0.13	0.6	
12968	13009	130.84	100	100	37.30	0.05	0.09	
12969	13010	34.6	150	100	136.25	0.09	0.14	
12970	13011	149.6	100	100	36.83	0.05	0.09	
12971	13012	48.9	150	100	666.51	0.44	2.66	
12972	13013	70.36	80	100	21.06	0.05	0.09	
12973	13014	38.57	150	100	301.33	0.2	0.61	
12974	13015	70.15	100	100	16.40	0.02	0.02	
12975	13016	53.29	150	100	210.78	0.14	0.32	
12976	13017	296.72	150	100	20.39	0.01	0	
12977	13018	50.64	100	100	127.35	0.19	0.89	
12978	13019	127.68	100	100	36.65	0.05	0.09	
12979	13020	20.62	150	100	201.16	0.13	0.29	
12980	13021	5.81	150	100	398.20	0.26	1.02	
12981	13022	135.7	150	100	100.99	0.07	0.08	
12982	13023	69.05	150	100	72.88	0.05	0.04	
12983	13024	84.82	150	100	461.47	0.3	1.35	
12984	13025	51.36	200	100	231.22	0.09	0.09	
12985	13026	43.4	200	100	227.38	0.08	0.09	
12986	13027	18	400	100	3153.57	0.29	0.4	
12987	13028	185.57	200	100	20.64	0.01	0	
12988	13029	150.27	200	100	278.37	0.1	0.13	
12989	13030	527.65	100	100	32.09	0.05	0.07	
12990	13031	267.3	100	100	38.42	0.06	0.1	
12991	13032	326.65	250	100	799.14	0.19	0.31	
12992	13033	591.63	400	100	29.30	0	0	
12993	13034	2860.21	100	100	540.31	0.8	12.99	
12994	13035	47.55	200	100	661.40	0.24	0.65	
12995	13036	59.31	200	100	696.91	0.26	0.71	
12996	13037	214.53	150	100	154.24	0.1	0.18	
12997	13038	17.22	150	100	469.39	0.31	1.39	
12998	13039	19.45	100	100	244.97	0.36	3	
12999	13040	37.52	100	100	200.25	0.3	2.07	
13000	13041	94.49	100	100	48.66	0.07	0.15	
13001	13042	136.64	100	100	2.58	0	0	
13002	13043	63.1	100	100	59.17	0.09	0.22	
13003	13044	103.61	100	100	24.33	0.04	0.04	
13004	13045	99.99	100	100	28.28	0.04	0.06	
13005	13046	86.52	100	100	23.34	0.03	0.04	
13006	13047	63.9	100	100	11.36	0.02	0.01	
13007	13048	254.4	100	100	72.15	0.11	0.31	
13008	13049	159.19	100	100	94.84	0.14	0.52	
13009	13050	62.22	100	100	86.41	0.13	0.44	
13010	13051	46.88	100	100	3.33	0	0	
13011	13052	145	100	100	100.51	0.15	0.58	
13012	13053	317.25	100	100	149.13	0.22	1.2	
13013	13054	59.21	100	100	15.85	0.02	0.02	
13014	13055	101.49	150	100	362.64	0.24	0.86	
13015	13056	89.9	150	100	117.26	0.08	0.11	
13016	13057	231.26	150	100	311.67	0.2	0.65	
13017	13058	252.07	100	100	58.26	0.09	0.21	
13018	13059	101.54	150	100	23.65	0.02	0.01	
13019	13060	108.77	100	100	114.71	0.17	0.74	
13020	13061	159.08	80	100	32.24	0.07	0.21	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
13021	13062	142.34	100	100	117.48	0.17	0.77	
13022	13063	49.92	150	100	345.42	0.23	0.79	
13023	13064	145.85	200	100	341.88	0.13	0.19	
13024	13065	349.25	100	100	141.36	0.21	1.08	
13025	13066	17.15	150	100	1020.46	0.67	5.85	
13026	13067	46.16	100	100	57.77	0.09	0.21	
13027	13068	92.82	100	100	167.51	0.25	1.48	
13028	13069	136.03	150	100	124.63	0.08	0.12	
13029	13070	1.22	300	100	1755.28	0.29	0.55	
13030	13071	181.43	200	100	842.02	0.31	1.01	
13031	13072	130.78	150	100	121.22	0.08	0.11	
13032	13073	138.55	150	100	65.50	0.04	0.04	
13033	13074	141.9	150	100	107.38	0.07	0.09	
13034	13075	114.13	150	100	15.05	0.01	0	
13035	13076	141.82	150	100	16.88	0.01	0	
13036	13077	25.85	150	100	27.92	0.02	0.01	
13037	13078	50.3	150	100	57.61	0.04	0.03	
13038	13079	264.2	150	100	63.96	0.04	0.03	
13039	13080	28.4	100	100	29.62	0.04	0.06	
13040	13081	164.92	100	100	13.88	0.02	0.01	
13041	13082	63.4	100	100	12.84	0.02	0.01	
13042	13083	82.87	100	100	17.24	0.03	0.02	
13043	13084	118.99	100	100	4.93	0.01	0	
13044	13085	11.61	150	100	60.16	0.04	0.03	
13045	13086	223.2	150	100	110.16	0.07	0.09	
13046	13087	11.03	200	100	6.06	0	0	
13047	13088	59.32	150	100	324.20	0.21	0.7	
13048	13089	78.12	150	100	73.17	0.05	0.04	
13049	13090	104.49	100	100	68.62	0.1	0.28	
13050	13091	181.22	100	100	55.74	0.08	0.19	
13051	13092	90.19	150	100	145.54	0.1	0.16	
13052	13093	46.85	80	100	5.18	0.01	0.01	
13053	13094	47.57	150	100	329.57	0.22	0.72	
13054	13095	74.1	150	100	366.43	0.24	0.88	
13055	13096	112.14	100	100	85.88	0.13	0.43	
13056	13097	69.08	150	100	106.63	0.07	0.09	
13057	13098	143.43	150	100	435.63	0.29	1.21	
13058	13099	92.3	200	100	324.88	0.12	0.17	
13059	13100	80.7	100	100	71.70	0.11	0.31	
13060	13101	84.66	100	100	56.39	0.08	0.2	
13061	13102	158.27	200	100	535.94	0.2	0.44	
13062	13103	11.52	150	100	49.33	0.03	0.02	
13063	13104	74.12	150	100	26.15	0.02	0.01	
13064	13105	194.83	150	100	346.06	0.23	0.79	
13065	13106	120.23	600	100	13455.87	0.55	0.81	
13066	13107	70.27	300	100	611.51	0.1	0.08	
13067	13108	9.33	200	100	1356.79	0.5	2.44	
13068	13109	114.47	100	100	101.16	0.15	0.58	
13069	13110	60.1	100	100	38.26	0.06	0.1	
13070	13111	84.8	100	100	103.68	0.15	0.61	
13071	13112	18.81	100	100	11.02	0.02	0.01	
13072	13113	59.16	100	100	2.68	0	0	
13073	13114	55.02	100	100	110.12	0.16	0.68	
13074	13115	27.93	100	100	28.61	0.04	0.06	
13075	13116	140.81	100	100	156.93	0.23	1.32	
13076	13117	35.61	100	100	132.32	0.19	0.96	
13077	13118	41.74	80	100	66.01	0.15	0.78	
13078	13119	37.11	100	100	19.57	0.03	0.03	
13079	13120	71.89	100	100	190.21	0.28	1.88	
13080	13121	11.72	100	100	181.00	0.27	1.71	
13081	13122	36.77	100	100	37.15	0.05	0.09	
13082	13123	102.79	100	100	16.62	0.02	0.02	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
13083	13124	43.21	100	100	23.77	0.04	0.04	
13084	13125	139.29	100	100	9.61	0.01	0.01	
13085	13126	188.27	150	100	56.23	0.04	0.03	
13086	13127	242.64	150	100	24.58	0.02	0.01	
13087	13128	274.34	400	100	3373.91	0.31	0.45	
13088	13129	152.55	150	100	248.65	0.16	0.43	
13089	13130	26.62	300	100	1489.33	0.24	0.4	
13090	13131	103.47	100	100	112.78	0.17	0.71	
13091	13132	84.14	100	100	32.32	0.05	0.07	
13092	13133	42.54	100	100	54.68	0.08	0.19	
13093	13134	79.26	100	100	54.59	0.08	0.19	
13094	13135	51.76	150	100	214.30	0.14	0.32	
13095	13136	183.34	100	100	43.42	0.06	0.12	
13096	13137	122.75	100	100	65.38	0.1	0.26	
13097	13138	91.05	150	100	180.50	0.12	0.24	
13098	13139	1.94	150	100	622.14	0.41	2.34	
13099	13140	1.59	150	100	685.53	0.45	2.8	
13100	13141	44.96	100	100	49.35	0.07	0.15	
13101	13142	59.31	100	100	11.12	0.02	0.01	
13102	13143	41.03	100	100	25.87	0.04	0.05	
13103	13144	65.96	100	100	13.12	0.02	0.01	
13104	13145	78.82	100	100	1.97	0	0	
13105	13146	33.29	100	100	14.28	0.02	0.02	
13106	13147	53.53	100	100	21.59	0.03	0.03	
13107	13148	42.13	100	100	48.53	0.07	0.15	
13108	13149	69.24	100	100	23.37	0.03	0.04	
13109	13150	65.95	100	100	34.32	0.05	0.08	
13110	13151	63.04	100	100	56.03	0.08	0.2	
13111	13152	78.58	150	100	233.87	0.15	0.38	
13112	13153	45.86	100	100	10.22	0.02	0.01	
13113	13154	37.74	100	100	87.21	0.13	0.44	
13114	13155	99.83	100	100	48.76	0.07	0.15	
13115	13156	11.4	300	100	1426.79	0.23	0.37	
13116	13157	7.83	300	100	396.03	0.06	0.03	
13117	13158	29.6	100	100	0.00	0	0	
13118	13159	73.92	80	100	1.37	0	0	
13119	13160	38.59	80	100	17.91	0.04	0.07	
13120	13161	93.5	150	100	143.15	0.09	0.15	
13121	13162	59.49	100	100	7.85	0.01	0.01	
13122	13163	33.28	100	100	24.10	0.04	0.04	
13123	13164	64.12	200	100	980.14	0.36	1.34	
13124	13165	250.79	100	100	63.23	0.09	0.24	
13125	13166	78.4	100	100	119.97	0.18	0.8	
13126	13167	92.73	100	100	128.43	0.19	0.91	
13127	13168	98.24	150	100	190.00	0.12	0.26	
13128	13169	139.01	150	100	38.30	0.03	0.01	
13129	13170	80.65	150	100	101.32	0.07	0.08	
13130	13171	9.24	200	100	248.93	0.09	0.11	
13131	13172	87.12	100	100	39.11	0.06	0.1	
13132	13173	51.17	100	100	65.83	0.1	0.26	
13133	13174	106.07	100	100	24.40	0.04	0.04	
13134	13175	25.91	100	100	32.99	0.05	0.07	
13135	13176	53.07	200	100	103.39	0.04	0.02	
13136	13177	30.8	100	100	13.50	0.02	0.01	
13137	13178	102.12	150	100	63.70	0.04	0.03	
13138	13179	25.61	100	100	31.61	0.05	0.07	
13139	13180	20.28	150	100	99.92	0.07	0.08	
13140	13181	44.97	100	100	46.44	0.07	0.14	
13141	13182	48.9	150	100	14.45	0.01	0	
13142	13183	130.22	100	100	57.94	0.09	0.21	
13143	13184	129.76	100	100	22.50	0.03	0.04	
13144	13185	128.45	100	100	65.86	0.1	0.26	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
13145	13186	5.59	200	100	200.27	0.07	0.07	
13146	13187	41.47	200	100	124.61	0.05	0.03	
13147	13188	44.97	200	100	75.13	0.03	0.01	
13148	13189	13.8	200	100	347.23	0.13	0.2	
13149	13190	54.09	100	100	78.52	0.12	0.36	
13150	13191	41.21	150	100	72.12	0.05	0.04	
13151	13192	110.27	200	100	142.78	0.05	0.04	
13152	13193	107.53	100	100	23.84	0.04	0.04	
13153	13194	34.17	150	100	55.23	0.04	0.03	
13154	13195	45.99	100	100	33.63	0.05	0.08	
13155	13196	186.45	200	100	204.77	0.08	0.07	
13156	13197	26.39	80	100	39.03	0.09	0.29	
13157	13198	143.26	100	100	29.37	0.04	0.06	
13158	13199	53.49	100	100	36.77	0.05	0.09	
13159	13200	55.47	150	100	94.08	0.06	0.07	
13160	13201	90.21	200	100	59.10	0.02	0.01	
13161	13202	12.19	100	100	29.57	0.04	0.06	
13162	13203	126.83	150	100	77.81	0.05	0.05	
13163	13204	49.74	150	100	85.93	0.06	0.06	
13164	13205	64.05	100	100	11.99	0.02	0.01	
13165	13206	62.26	200	100	103.17	0.04	0.02	
13166	13207	39.74	200	100	158.94	0.06	0.05	
13167	13208	14.57	400	100	3069.43	0.28	0.38	
13168	13209	55.34	150	100	47.06	0.03	0.02	
13169	13210	112.65	150	100	23.03	0.02	0.01	
13170	13211	14.6	150	100	14.86	0.01	0	
13171	13212	7.91	150	100	0.00	0	0	
13172	13213	40.91	150	100	33.01	0.02	0.01	
13173	13214	75.16	150	100	14.83	0.01	0	
13174	13215	55.92	150	100	59.47	0.04	0.03	
13175	13216	68.06	150	100	25.67	0.02	0.01	
13176	13217	167.81	150	100	135.03	0.09	0.14	
13177	13218	190.18	150	100	31.98	0.02	0.01	
13178	13219	54.28	200	100	183.45	0.07	0.06	
13179	13220	56.53	200	100	27.34	0.01	0	
13180	13221	191.75	200	100	22.27	0.01	0	
13181	13222	4.92	100	100	0.00	0	0	
13182	13223	27.72	80	100	0.00	0	0	
13183	13224	2.95	200	100	0.00	0	0	
13184	13225	139.36	150	100	55.92	0.04	0.03	
13185	13226	112.12	150	100	49.47	0.03	0.02	
13186	13227	5.79	400	100	0.00	0	0	
13187	13228	181.56	150	100	90.41	0.06	0.07	
13188	13229	112.94	200	100	168.44	0.06	0.05	
13189	13230	47.89	200	100	271.46	0.1	0.12	
13190	13231	50.5	200	100	280.28	0.1	0.13	
13191	13232	67.28	150	100	14.38	0.01	0	
13192	13233	170.65	150	100	40.61	0.03	0.01	
13193	13234	97.4	100	100	143.71	0.21	1.12	
13194	13235	157.7	100	100	8.13	0.01	0.01	
13195	13236	13.85	200	100	509.55	0.19	0.4	
13196	13237	109.06	100	100	49.85	0.07	0.16	
13197	13238	71.43	150	100	26.26	0.02	0.01	
13198	13240	16.39	150	100	0.01	0	0	
13199	13241	83.03	200	100	61.63	0.02	0.01	
13200	13242	347.46	600	100	2918.49	0.12	0.05	
13201	13243	242.63	200	100	16.17	0.01	0	
13202	13244	1413.3	700	100	8290.89	0.25	0.16	
13203	13245	4.6	200	100	519.27	0.19	0.41	
13204	13246	547.41	200	100	286.09	0.11	0.14	
13205	13247	47	150	100	59.25	0.04	0.03	
13206	13248	184.91	200	100	62.26	0.02	0.01	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
13207	13249	48.99	200	100	36.58	0.01	0	
13208	13250	3.58	400	100	603.51	0.06	0.02	
13209	13251	1.14	250	100	474.06	0.11	0.11	
13210	13252	4.5	100	100	55.40	0.08	0.19	
13211	13253	79.62	100	100	9.56	0.01	0	
13212	13254	70.11	150	100	54.51	0.04	0.03	
13213	13255	45.91	150	100	12.10	0.01	0	
13214	13256	37.71	150	100	17.22	0.01	0	
13215	13257	71.93	150	100	13.45	0.01	0	
13216	13258	46.05	200	100	38.36	0.01	0	
13217	13259	42.12	100	100	8.92	0.01	0.01	
13218	13260	63.53	150	100	0.43	0	0	
13219	13261	12.9	150	100	10.04	0.01	0	
13220	13262	64.7	100	100	4.94	0.01	0	
13221	13263	44.1	100	100	11.88	0.02	0	
13222	13264	35.97	150	100	6.14	0	0	
13223	13265	9.8	150	100	2.09	0	0	
13224	13266	7.53	250	100	70.81	0.02	0	
13225	13267	135.59	900	100	2029.29	0.04	0	
13226	13268	5.9	300	100	35.67	0.01	0	
13227	13269	133.27	80	100	51.70	0.12	0.5	
13228	13270	44.26	150	100	451.77	0.3	1.29	
13229	13271	37.72	150	100	224.94	0.15	0.36	
13230	13272	43.93	150	100	814.40	0.53	3.85	
13231	13273	2.99	150	100	0.01	0	0	
13232	13274	35.82	150	100	447.23	0.29	1.27	
13233	13275	173.56	80	100	65.10	0.15	0.76	
13234	13276	279.41	150	100	98.95	0.06	0.08	
13235	13277	242.97	100	100	6.10	0.01	0	
13236	13278	481.95	150	100	135.95	0.09	0.14	
13237	13279	209.21	150	100	161.25	0.11	0.19	
13238	13280	113.37	150	100	21.94	0.01	0	
13239	13281	157.38	100	100	19.96	0.03	0.03	
13240	13282	155.1	150	100	201.20	0.13	0.29	
13241	13283	149.65	100	100	30.44	0.04	0.06	
13242	13284	54.81	100	100	151.27	0.22	1.23	
13243	13285	258.25	100	100	54.49	0.08	0.19	
13244	13286	105.88	100	100	51.13	0.08	0.16	
13245	13287	149.41	100	100	42.99	0.06	0.12	
13246	13288	86.09	100	100	27.44	0.04	0.05	
13247	13289	30.95	150	100	88.11	0.06	0.06	
13248	13290	146.75	100	100	71.75	0.11	0.31	
13249	13291	46.48	100	100	107.78	0.16	0.66	
13250	13292	74.32	100	100	155.76	0.23	1.3	
13251	13293	137.63	100	100	57.67	0.08	0.21	
13252	13294	83.18	150	100	334.93	0.22	0.74	
13253	13295	209.8	150	100	284.13	0.19	0.55	
13254	13296	225.9	150	100	406.28	0.27	1.06	
13255	13297	134.91	100	100	66.39	0.1	0.27	
13256	13298	24.26	100	100	59.84	0.09	0.22	
13257	13299	52.62	150	100	83.62	0.05	0.06	
13258	13300	41.76	100	100	113.87	0.17	0.73	
13259	13301	66.96	100	100	1.22	0	0	
13260	13302	36.83	100	100	328.41	0.48	5.16	
13261	13303	36.24	150	100	373.64	0.24	0.91	
13262	13304	100.7	200	100	1194.27	0.44	1.93	
13263	13305	231.64	100	100	134.25	0.2	0.99	
13264	13306	221.05	100	100	146.57	0.22	1.16	
13265	13307	34.96	150	100	346.73	0.23	0.79	
13266	13308	11.34	200	100	1286.16	0.47	2.21	
13267	13309	160.55	150	100	167.25	0.11	0.21	
13268	13310	31.83	150	100	241.46	0.16	0.41	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
13269	13311	124.75	100	100	135.99	0.2	1.01	
13270	13312	42.79	100	100	41.10	0.06	0.11	
13271	13313	190.4	100	100	20.07	0.03	0.03	
13272	13314	148.94	150	100	128.83	0.08	0.13	
13273	13315	35.58	150	100	598.41	0.39	2.18	
13274	13316	117.5	150	100	85.78	0.06	0.06	
13275	13317	99.5	100	100	14.01	0.02	0.02	
13276	13318	141.95	100	100	258.29	0.38	3.31	
13277	13319	37.41	250	100	1959.13	0.46	1.63	
13278	13320	81.51	100	100	105.71	0.16	0.63	
13279	13321	23.78	100	100	489.63	0.72	10.82	
13280	13322	71.26	300	100	8057.38	1.32	9.18	
13281	13323	1.45	250	100	1794.70	0.42	1.38	
13282	13324	38.21	250	100	4770.39	1.12	8.45	
13283	13325	3.73	100	100	97.52	0.14	0.55	
13284	13326	203.56	300	100	8088.35	1.32	9.24	
13285	13327	109.42	100	100	21.32	0.03	0.03	
13286	13328	40.11	150	100	206.10	0.13	0.3	
13287	13329	752.29	150	100	535.21	0.35	1.77	
13288	13330	43.76	150	100	419.24	0.27	1.13	
13289	13331	144	100	100	287.80	0.42	4.04	
13290	13332	34.3	200	100	261.03	0.1	0.12	
13291	13333	1.67	150	100	172.52	0.11	0.22	
13292	13334	116.46	100	100	22.28	0.03	0.04	
13293	13335	105.9	100	100	106.44	0.16	0.64	
13294	13336	19.67	200	100	1319.47	0.49	2.32	
13295	13337	47.84	150	100	891.59	0.58	4.56	
13296	13338	249.82	100	100	359.84	0.53	6.12	
13297	13339	79.8	150	100	1487.52	0.97	11.76	
13298	13340	34	150	100	819.86	0.54	3.9	
13299	13341	37.92	150	100	1194.63	0.78	7.83	
13300	13342	115.8	100	100	134.30	0.2	0.99	
13301	13343	105.53	100	100	152.41	0.22	1.25	
13302	13344	86.45	100	100	239.50	0.35	2.88	
13303	13345	35.58	150	100	274.09	0.18	0.51	
13304	13346	38.55	100	100	113.21	0.17	0.72	
13305	13347	98.21	100	100	109.79	0.16	0.68	
13306	13348	123.55	100	100	73.70	0.11	0.32	
13307	13349	37.13	150	100	453.36	0.3	1.3	
13308	13350	197.59	100	100	87.67	0.13	0.45	
13309	13351	43.24	100	100	20.56	0.03	0.03	
13310	13352	193.39	100	100	171.43	0.25	1.55	
13311	13353	44.37	150	100	540.43	0.35	1.8	
13312	13354	129.95	100	100	318.38	0.47	4.88	
13313	13355	36.03	100	100	78.73	0.12	0.37	
13314	13356	127.61	100	100	19.41	0.03	0.03	
13315	13357	63.31	100	100	186.40	0.27	1.81	
13316	13358	96.81	100	100	450.49	0.66	9.27	
13317	13359	52.08	100	100	485.80	0.72	10.66	
13318	13360	116.72	100	100	12.26	0.02	0.01	
13319	13361	111.8	100	100	8.28	0.01	0.01	
13320	13362	33.67	150	100	181.59	0.12	0.24	
13321	13363	224.61	100	100	534.23	0.79	12.72	
13322	13364	190.7	150	100	179.20	0.12	0.23	
13323	13365	9.8	100	100	117.44	0.17	0.77	
13324	13366	42.7	100	100	119.72	0.18	0.8	
13325	13367	53.05	100	100	34.53	0.05	0.08	
13326	13368	110.54	100	100	11.64	0.02	0.01	
13327	13369	12.49	100	100	73.53	0.11	0.32	
13328	13370	14.76	400	100	10694.30	0.98	3.82	
13329	13371	3.74	150	100	0.01	0	0	
13330	13372	12.72	400	100	7814.06	0.72	2.14	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
13331	13373	6.56	400	100	3076.72	0.28	0.38	
13332	13374	236.82	100	100	97.58	0.14	0.55	
13333	13375	64.67	100	100	144.46	0.21	1.13	
13334	13376	93.66	150	100	52.53	0.03	0.02	
13335	13377	13.69	250	100	1432.80	0.34	0.91	
13336	13378	308.35	250	100	116.28	0.03	0.01	
13337	13379	484.93	350	100	1432.80	0.17	0.18	
13338	13380	101.83	150	100	0.00	0	0	
13339	13381	273.48	400	100	2057.07	0.19	0.18	
13340	13382	20.67	100	100	83.82	0.12	0.41	
13341	13383	3.27	100	100	0.00	0	0	
13342	13384	181.04	100	100	1316.52	1.94	67.57	
13343	13385	110.14	150	100	46.76	0.03	0.02	
13344	13386	13.4	400	100	3529.56	0.33	0.49	
13345	13387	112.5	500	100	3486.31	0.21	0.16	
13346	13388	9.85	200	100	952.15	0.35	1.27	
13347	13389	1.53	200	100	463.31	0.17	0.33	
13348	13390	99.96	150	100	499.71	0.33	1.56	
13349	13391	8.94	300	100	960.50	0.16	0.18	
13350	13392	6.08	300	100	31.99	0.01	0	
13351	13393	1.4	150	100	992.49	0.65	5.55	
13352	13394	103.6	150	100	1416.79	0.93	10.74	
13353	13395	1.42	100	100	477.02	0.7	10.31	
13354	13396	37.82	100	100	4.58	0.01	0	
13355	13397	94.38	150	100	456.92	0.3	1.32	
13356	13398	34.1	150	100	405.06	0.27	1.06	
13357	13399	51.05	100	100	196.82	0.29	2	
13358	13400	252.51	100	100	55.09	0.08	0.19	
13359	13401	185.5	100	100	275.30	0.41	3.73	
13360	13402	83.87	100	100	143.22	0.21	1.11	
13361	13403	98.01	150	100	76.93	0.05	0.05	
13362	13404	162.22	100	100	73.60	0.11	0.32	
13363	13405	77.56	100	100	117.49	0.17	0.77	
13364	13406	57.83	150	100	119.20	0.08	0.11	
13365	13407	42.69	100	100	2.57	0	0	
13366	13408	130.08	100	100	9.08	0.01	0.01	
13367	13409	41.87	400	100	0.01	0	0	
13368	13411	60.95	150	100	22.18	0.01	0	
13369	13412	75.51	80	100	24.71	0.06	0.13	
13370	13413	279.43	500	100	3725.04	0.22	0.18	
13371	13414	132.4	150	100	105.16	0.07	0.09	
13372	13415	104.02	100	100	7.79	0.01	0.01	
13373	13416	162.08	100	100	67.94	0.1	0.28	
13374	13417	79.05	100	100	78.25	0.12	0.36	
13375	13418	133.55	200	100	187.07	0.07	0.06	
13376	13419	52.19	100	100	20.16	0.03	0.03	
13377	13420	92.01	100	100	3.42	0.01	0	
13378	13421	202.91	200	100	346.27	0.13	0.19	
13379	13422	40.58	100	100	30.43	0.04	0.06	
13380	13423	30.43	200	100	18.23	0.01	0	
13381	13424	41.57	200	100	76.82	0.03	0.01	
13382	13425	3.27	200	100	103.74	0.04	0.02	
13383	13426	84.43	100	100	30.06	0.04	0.06	
13384	13427	99.95	100	100	82.71	0.12	0.4	
13385	13428	93.02	100	100	2.49	0	0	
13386	13429	48.7	100	100	11.59	0.02	0.01	
13387	13430	99.84	100	100	47.63	0.07	0.14	
13388	13431	98.08	100	100	54.89	0.08	0.19	
13389	13432	198.27	100	100	50.88	0.07	0.16	
13390	13433	42.05	100	100	2.36	0	0	
13391	13434	119.24	100	100	69.70	0.1	0.29	
13392	13435	144.18	100	100	76.57	0.11	0.35	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
13393	13436	41.29	150	100	432.52	0.28	1.19	
13394	13437	40.66	200	100	434.64	0.16	0.3	
13395	13438	4.21	200	100	543.23	0.2	0.45	
13396	13439	23.73	500	100	4831.36	0.28	0.3	
13397	13440	143.99	600	100	2781.80	0.11	0.04	
13398	13441	128.73	100	100	27.76	0.04	0.05	
13399	13442	8.48	200	100	57.34	0.02	0.01	
13400	13443	89.25	100	100	32.47	0.05	0.07	
13401	13444	43.09	100	100	8.95	0.01	0.01	
13402	13445	87.53	80	100	5.88	0.01	0.01	
13403	13446	41.11	100	100	48.04	0.07	0.15	
13404	13447	132.49	100	100	68.28	0.1	0.23	
13405	13448	55.75	100	100	14.14	0.02	0.02	
13406	13449	78.29	100	100	21.48	0.03	0.03	
13407	13450	140.37	100	100	11.28	0.02	0.01	
13408	13451	196.13	150	100	34.11	0.02	0.01	
13409	13452	182.76	100	100	9.89	0.01	0.01	
13410	13453	125.43	100	100	9.26	0.01	0.01	
13411	13454	138.63	100	100	39.01	0.06	0.1	
13412	13455	33.31	500	100	7893.17	0.47	0.73	
13413	13456	260.66	500	100	7748.92	0.46	0.71	
13414	13457	156.59	150	100	43.86	0.03	0.02	
13415	13458	2.63	150	100	93.05	0.06	0.07	
13416	13459	151.9	150	100	32.06	0.02	0.01	
13417	13460	53.05	150	100	17.83	0.01	0	
13418	13461	85.86	150	100	305.23	0.2	0.63	
13419	13462	110.95	100	100	156.34	0.23	1.31	
13420	13463	47.71	150	100	331.34	0.22	0.73	
13421	13464	187.09	150	100	427.24	0.28	1.17	
13422	13465	129.36	150	100	360.92	0.24	0.85	
13423	13466	10.88	150	100	98.44	0.06	0.08	
13424	13467	4.85	150	100	144.25	0.09	0.16	
13425	13468	323.47	100	100	0.00	0	0	
13426	13469	86.46	100	100	19.29	0.03	0.03	
13427	13470	293.47	400	100	4673.16	0.43	0.82	
13428	13471	82.57	400	100	4784.19	0.44	0.86	
13429	13472	473.76	500	100	6380.63	0.38	0.49	
13430	13473	295.94	100	100	86.07	0.13	0.43	
13431	13474	14.37	150	100	219.16	0.14	0.34	
13432	13475	10.01	150	100	42.91	0.03	0.02	
13433	13476	260.49	150	100	262.07	0.17	0.47	
13434	13477	263.82	600	100	11132.36	0.46	0.57	
13435	13478	8.48	100	100	255.59	0.38	3.25	
13436	13479	61.81	100	100	6.48	0.01	0	
13437	13480	5.86	150	100	371.25	0.24	0.9	
13438	13481	40.55	100	100	278.70	0.41	3.81	
13439	13482	16.62	900	100	12541.14	0.23	0.1	
13440	13483	48.81	200	100	288.53	0.11	0.14	
13441	13484	61.94	100	100	37.19	0.05	0.09	
13442	13485	111.72	100	100	43.64	0.06	0.12	
13443	13486	49.83	100	100	27.86	0.04	0.05	
13444	13487	98.08	100	100	91.47	0.13	0.48	
13445	13488	70.9	150	100	274.35	0.18	0.51	
13446	13489	31.79	150	100	413.03	0.27	1.1	
13447	13490	28.65	200	100	928.02	0.34	1.21	
13448	13491	9.81	200	100	231.30	0.09	0.09	
13449	13492	128.08	150	100	213.47	0.14	0.32	
13450	13493	85.84	150	100	134.90	0.09	0.14	
13451	13494	66.86	100	100	1.17	0	0	
13452	13495	53.9	100	100	7.32	0.01	0	
13453	13496	117.04	100	100	8.40	0.01	0.01	
13454	13497	67.12	80	100	69.67	0.16	0.87	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
13455	13498	39.81	100	100	28.95	0.04	0.06	
13456	13499	42.31	100	100	25.52	0.04	0.05	
13457	13500	46.68	100	100	15.36	0.02	0.02	
13458	13501	51.91	100	100	40.58	0.06	0.11	
13459	13502	119.98	80	100	41.18	0.09	0.33	
13460	13503	85.36	80	100	40.19	0.09	0.31	
13461	13504	91.8	150	100	83.94	0.05	0.06	
13462	13505	107.13	100	100	11.93	0.02	0.01	
13463	13506	125.05	100	100	1.34	0	0	
13464	13507	96.92	200	100	89.08	0.03	0.02	
13465	13508	92.08	100	100	20.25	0.03	0.03	
13466	13509	199.65	100	100	14.98	0.02	0.02	
13467	13510	344.53	200	100	105.88	0.04	0.02	
13468	13511	130.01	150	100	171.53	0.11	0.22	
13469	13512	43.39	150	100	99.93	0.07	0.08	
13470	13513	172.69	100	100	54.27	0.08	0.18	
13471	13514	217.05	100	100	53.89	0.08	0.18	
13472	13515	116.96	100	100	25.25	0.04	0.04	
13473	13516	122.31	100	100	11.46	0.02	0.01	
13474	13517	46.55	80	100	56.88	0.13	0.6	
13475	13518	87.12	80	100	21.90	0.05	0.1	
13476	13519	70.36	100	100	31.26	0.05	0.07	
13477	13520	52.86	100	100	113.05	0.17	0.72	
13478	13521	149.04	150	100	191.36	0.13	0.26	
13479	13522	36.13	100	100	8.75	0.01	0.01	
13480	13523	174.4	150	100	24.54	0.02	0.01	
13481	13524	199.68	150	100	22.81	0.01	0.01	
13482	13525	121.6	100	100	5.91	0.01	0	
13483	13526	93.71	150	100	108.76	0.07	0.09	
13484	13527	109.53	100	100	19.08	0.03	0.03	
13485	13528	21.35	150	100	260.52	0.17	0.47	
13486	13529	70.01	150	100	0.00	0	0	
13487	13530	16.42	400	100	123.19	0.01	0	
13488	13531	313.32	400	100	189.70	0.02	0	
13489	13532	1.44	150	100	8.46	0.01	0.01	
13490	13533	45.55	400	100	216.72	0.02	0	
13491	13534	128.23	400	100	669.42	0.06	0.02	
13492	13535	368.99	150	100	8.59	0.01	0	
13493	13536	0.65	200	100	192.18	0.07	0.07	
13494	13537	14.36	100	100	20.34	0.03	0.03	
13495	13538	58.28	150	100	44.14	0.03	0.02	
13496	13539	56.51	100	100	3.77	0.01	0	
13497	13540	63.24	500	100	677.15	0.04	0.01	
13498	13541	109.38	100	100	4.88	0.01	0	
13499	13542	39.65	100	100	4.68	0.01	0	
13500	13543	21.52	100	100	13.14	0.02	0.01	
13501	13544	1.52	200	100	21.71	0.01	0	
13502	13545	115.14	100	100	3.13	0	0	
13503	13546	338	500	100	698.85	0.04	0.01	
13504	13547	9.82	600	100	2082.95	0.09	0.03	
13505	13548	75.26	100	100	8.69	0.01	0.01	
13506	13549	8.73	200	100	687.16	0.25	0.69	
13507	13550	203.42	300	100	862.86	0.14	0.15	
13508	13551	271.65	100	100	14.30	0.02	0.01	
13509	13552	10.85	200	100	71.22	0.03	0.01	
13510	13553	253.99	150	100	6.54	0	0	
13511	13554	50.96	150	100	62.84	0.04	0.03	
13512	13555	60.3	100	100	14.24	0.02	0.02	
13513	13556	70.06	100	100	13.65	0.02	0.01	
13514	13557	64.66	150	100	42.61	0.03	0.02	
13515	13558	59.99	100	100	12.29	0.02	0.01	
13516	13559	57.99	150	100	23.97	0.02	0.01	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
13517	13560	52.47	150	100	14.30	0.01	0	
13518	13561	61.92	100	100	4.86	0.01	0	
13519	13562	76.54	150	100	79.83	0.05	0.05	
13520	13563	102.47	150	100	32.32	0.02	0.01	
13521	13564	63.54	100	100	23.19	0.03	0.04	
13522	13565	101.23	80	100	9.53	0.02	0.02	
13523	13566	30.43	80	100	14.19	0.03	0.05	
13524	13567	90.35	100	100	12.15	0.02	0.01	
13525	13568	48.4	100	100	64.01	0.09	0.25	
13526	13569	59.57	100	100	43.32	0.06	0.12	
13527	13570	226.97	150	100	248.17	0.16	0.43	
13528	13571	7.39	150	100	271.99	0.18	0.51	
13529	13572	29.43	80	100	18.79	0.04	0.08	
13530	13573	33.03	80	100	29.43	0.07	0.18	
13531	13574	65.27	150	100	77.88	0.05	0.05	
13532	13575	34.85	80	100	27.69	0.06	0.16	
13533	13576	88.64	150	100	36.12	0.02	0.01	
13534	13577	257.37	150	100	53.18	0.03	0.02	
13535	13578	44.44	100	100	29.06	0.04	0.06	
13536	13579	39.03	100	100	22.39	0.03	0.04	
13537	13580	30.85	100	100	40.91	0.06	0.11	
13538	13581	156.59	150	100	20.69	0.01	0	
13539	13582	48.34	150	100	28.45	0.02	0.01	
13540	13583	83.74	150	100	159.64	0.1	0.19	
13541	13584	157.13	100	100	6.49	0.01	0	
13542	13585	82.08	100	100	39.04	0.06	0.1	
13543	13586	78.66	100	100	29.41	0.04	0.06	
13544	13587	41.31	100	100	30.02	0.04	0.06	
13545	13588	27.2	200	100	221.03	0.08	0.08	
13546	13589	74.21	400	100	1274.83	0.12	0.07	
13547	13590	357.58	400	100	2633.03	0.24	0.28	
13548	13591	37.99	150	100	232.18	0.15	0.38	
13549	13592	98.76	150	100	105.24	0.07	0.09	
13550	13593	67.79	150	100	97.15	0.06	0.08	
13551	13594	134.64	150	100	79.93	0.05	0.05	
13552	13595	48.45	150	100	105.32	0.07	0.09	
13553	13596	98.6	100	100	61.44	0.09	0.23	
13554	13597	94.82	150	100	252.27	0.17	0.44	
13555	13598	47.36	200	100	450.92	0.17	0.32	
13556	13599	72.9	200	100	322.48	0.12	0.17	
13557	13600	12.02	200	100	232.18	0.09	0.09	
13558	13601	90.01	200	100	83.29	0.03	0.01	
13559	13602	67.85	150	100	51.75	0.03	0.02	
13560	13603	47.06	150	100	87.83	0.06	0.06	
13561	13604	132.61	150	100	88.27	0.06	0.06	
13562	13605	41.33	100	100	93.92	0.14	0.51	
13563	13606	98.58	150	100	163.48	0.11	0.2	
13564	13607	20.73	100	100	67.56	0.1	0.28	
13565	13608	43.15	100	100	42.93	0.06	0.12	
13566	13609	11.21	150	100	96.71	0.06	0.07	
13567	13610	18.61	200	100	115.43	0.04	0.03	
13568	13611	64.99	150	100	57.97	0.04	0.03	
13569	13612	64.41	100	100	28.80	0.04	0.06	
13570	13613	37.54	150	100	77.37	0.05	0.05	
13571	13614	64.89	100	100	20.39	0.03	0.03	
13572	13615	107.63	100	100	35.36	0.05	0.08	
13573	13616	71.79	100	100	38.84	0.06	0.1	
13574	13617	65.54	100	100	35.64	0.05	0.08	
13575	13618	60.85	100	100	70.01	0.1	0.3	
13576	13619	44.25	150	100	17.04	0.01	0	
13577	13620	52.96	100	100	55.44	0.08	0.19	
13578	13621	63.6	150	100	44.40	0.03	0.02	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
13579	13622	63.27	100	100	37.15	0.05	0.09	
13580	13623	57.75	150	100	75.80	0.05	0.05	
13581	13624	41.95	100	100	58.04	0.09	0.21	
13582	13625	63.79	100	100	36.14	0.05	0.09	
13583	13626	21.97	200	100	276.20	0.1	0.13	
13584	13627	101.44	150	100	75.18	0.05	0.05	
13585	13628	66.03	150	100	223.29	0.15	0.35	
13586	13629	37.03	150	100	158.54	0.1	0.19	
13587	13630	30.19	100	100	110.00	0.16	0.68	
13588	13631	368.31	150	100	30.49	0.02	0.01	
13589	13632	59.32	80	100	24.93	0.06	0.13	
13590	13633	65.33	150	100	13.99	0.01	0	
13591	13634	48.05	150	100	74.55	0.05	0.05	
13592	13635	59.81	150	100	641.07	0.42	2.47	
13593	13636	73.99	80	100	162.68	0.37	4.17	
13594	13637	26.29	80	100	106.94	0.25	1.92	
13595	13638	69.3	80	100	113.27	0.26	2.13	
13596	13639	72.29	150	100	745.97	0.49	3.27	
13597	13640	70.76	100	100	261.47	0.39	3.39	
13598	13641	49.43	100	100	193.57	0.29	1.94	
13599	13642	81.15	100	100	40.99	0.06	0.11	
13600	13643	119.97	100	100	228.78	0.34	2.64	
13601	13644	82.24	100	100	183.68	0.27	1.76	
13602	13645	7.17	150	100	530.02	0.35	1.74	
13603	13646	23.1	100	100	253.69	0.37	3.2	
13604	13647	44.23	100	100	197.92	0.29	2.02	
13605	13648	43.45	80	100	96.40	0.22	1.58	
13606	13649	98.15	150	100	108.57	0.07	0.09	
13607	13650	73.78	150	100	393.20	0.26	1	
13608	13651	153.9	150	100	69.78	0.05	0.04	
13609	13652	53.91	150	100	387.89	0.25	0.98	
13610	13653	64.8	150	100	394.22	0.26	1	
13611	13654	99.75	150	100	241.20	0.16	0.4	
13612	13655	59.41	100	100	19.44	0.03	0.03	
13613	13656	50.56	150	100	31.10	0.02	0.01	
13614	13657	100.24	100	100	7.86	0.01	0.01	
13615	13658	113.21	150	100	68.63	0.04	0.04	
13616	13659	2.16	200	100	536.39	0.2	0.44	
13617	13660	454.02	200	100	155.15	0.06	0.04	
13618	13661	44.32	150	100	348.86	0.23	0.8	
13619	13662	54.89	150	100	289.17	0.19	0.57	
13620	13663	117.44	100	100	22.33	0.03	0.04	
13621	13664	47.32	300	100	2047.75	0.34	0.73	
13622	13665	9.46	300	100	2660.76	0.44	1.18	
13623	13666	25.22	150	100	197.18	0.13	0.28	
13624	13667	701.74	700	100	10441.04	0.31	0.24	
13625	13668	6.08	700	100	942.20	0.03	0	
13626	13669	333.25	100	100	424.13	0.63	8.29	
13627	13670	79.8	80	100	235.94	0.54	8.3	
13628	13671	17.47	400	100	768.42	0.07	0.03	
13629	13672	38.52	700	100	1207.95	0.04	0	
13630	13673	21.19	300	100	289.97	0.05	0.02	
13631	13674	3.83	400	100	407.23	0.04	0.01	
13632	13676	2.13	150	100	184.83	0.12	0.25	
13633	13677	67.49	100	100	756.55	1.11	24.22	
13634	13678	256.63	300	100	791.16	0.13	0.12	
13635	13679	427.43	80	100	7.75	0.02	0.01	
13636	13680	125.47	150	100	662.09	0.43	2.63	
13637	13681	158.95	150	100	764.96	0.5	3.43	
13638	13682	2.75	100	100	87.63	0.13	0.45	
13639	13683	2.44	150	100	564.48	0.37	1.96	
13640	13684	146.08	300	100	826.84	0.14	0.14	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
13641	13685	1.44	100	100	42.51	0.06	0.12	
13642	13686	147.17	150	100	229.33	0.15	0.37	
13643	13687	18.51	100	100	355.44	0.52	5.98	
13644	13688	117.02	100	100	3.25	0	0	
13645	13689	90.33	150	100	163.83	0.11	0.2	
13646	13690	1.01	300	100	1790.24	0.29	0.57	
13647	13691	83.43	300	100	2844.62	0.47	1.33	
13648	13692	134.27	250	100	1020.11	0.24	0.49	
13649	13694	150.74	150	100	224.95	0.15	0.36	
13650	13695	32.58	80	100	65.92	0.15	0.78	
13651	13696	233.59	150	100	1.94	0	0	
13652	13697	9.93	200	100	278.04	0.1	0.13	
13653	13699	485.15	150	100	345.31	0.23	0.79	
13654	13700	137.28	100	100	9.84	0.01	0.01	
13655	13701	34.52	300	100	870.25	0.14	0.15	
13656	13702	114.57	100	100	15.50	0.02	0.02	
13657	13703	32.64	100	100	48.67	0.07	0.15	
13658	13704	89.31	100	100	22.78	0.03	0.04	
13659	13705	204.97	100	100	14.54	0.02	0.02	
13660	13706	28.55	300	100	891.92	0.15	0.16	
13661	13707	270.38	400	100	3841.12	0.35	0.57	
13662	13708	1.38	700	100	0.00	0	0	
13663	13710	123.33	400	100	0.00	0	0	
13664	13711	122.39	400	100	3839.13	0.35	0.57	
13665	13712	235.14	300	100	692.84	0.11	0.1	
13666	13713	139.91	200	100	736.98	0.27	0.79	
13667	13714	509.63	300	100	697.21	0.11	0.1	
13668	13715	177.06	300	100	1240.33	0.2	0.29	
13669	13716	8.02	700	100	4214.52	0.13	0.04	
13670	13717	113.53	400	100	1020.51	0.09	0.05	
13671	13718	7.52	300	100	1997.75	0.33	0.69	
13672	13719	55.7	150	100	481.27	0.32	1.45	
13673	13720	1.64	300	100	2891.85	0.47	1.37	
13674	13721	4.4	300	100	3774.31	0.62	2.25	
13675	13722	0.69	150	100	40.55	0.03	0.01	
13676	13723	13.79	150	100	521.82	0.34	1.69	
13677	13724	2.45	150	100	70.74	0.05	0.04	
13678	13725	0.84	150	100	451.08	0.3	1.3	
13679	13726	24.15	200	100	882.46	0.33	1.1	
13680	13727	131.67	80	100	163.52	0.38	4.21	
13681	13728	83.08	100	100	21.89	0.03	0.03	
13682	13729	263.26	150	100	212.01	0.14	0.32	
13683	13730	194.2	150	100	0.00	0	0	
13684	13731	45.36	300	100	2141.72	0.35	0.79	
13685	13732	328.23	100	100	65.23	0.1	0.26	
13686	13733	53.19	300	100	1131.39	0.19	0.24	
13687	13734	93.07	80	100	57.59	0.13	0.61	
13688	13735	79.44	200	100	214.97	0.08	0.08	
13689	13736	33.55	200	100	57.50	0.02	0.01	
13690	13737	130.05	100	100	21.69	0.03	0.03	
13691	13738	77.56	200	100	361.65	0.13	0.21	
13692	13739	129.4	200	100	0.00	0	0	
13693	13740	9.23	150	100	360.08	0.24	0.85	
13694	13741	327.97	200	100	1191.99	0.44	1.92	
13695	13742	1.87	200	100	1165.97	0.43	1.84	
13696	13743	101.35	100	100	3.68	0.01	0	
13697	13744	4.31	300	100	3897.13	0.64	2.39	
13698	13745	4.22	300	100	2970.60	0.49	1.45	
13699	13746	12.09	200	100	926.53	0.34	1.2	
13700	13747	38.57	300	100	3429.90	0.56	1.89	
13701	13748	29.33	100	100	89.64	0.13	0.47	
13702	13749	3.75	100	100	72.50	0.11	0.32	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
13703	13750	5.43	100	100	106.13	0.16	0.64	
13704	13751	1.61	300	100	106.13	0.02	0.01	
13705	13752	32.05	300	100	181.14	0.03	0.01	
13706	13753	81.08	300	100	39.36	0.01	0	
13707	13754	103.74	300	100	57.49	0.01	0	
13708	13755	49.83	100	100	7.22	0.01	0	
13709	13756	51.87	100	100	18.43	0.03	0.02	
13710	13757	30.43	300	100	76.18	0.01	0	
13711	13758	124.18	100	100	7.05	0.01	0	
13712	13759	31.34	100	100	7.98	0.01	0.01	
13713	13760	58.07	100	100	9.28	0.01	0.01	
13714	13761	125.52	100	100	7.92	0.01	0.01	
13715	13762	32.23	200	100	4.60	0	0	
13716	13763	23.91	100	100	171.93	0.25	1.56	
13717	13764	50.11	100	100	33.70	0.05	0.08	
13718	13765	186.53	100	100	114.17	0.17	0.73	
13719	13766	150.79	100	100	73.20	0.11	0.32	
13720	13767	32.95	100	100	74.39	0.11	0.33	
13721	13768	24.31	100	100	129.73	0.19	0.92	
13722	13769	19.35	300	100	10.38	0	0	
13723	13770	258.56	300	100	52.08	0.01	0	
13724	13771	32.97	200	100	24.07	0.01	0	
13725	13772	144.27	300	100	1398.67	0.23	0.36	
13726	13773	11.23	200	100	183.84	0.07	0.06	
13727	13775	9.42	400	100	1715.07	0.16	0.13	
13728	13776	505.03	250	100	1715.06	0.4	1.27	
13729	13777	99.15	200	100	210.77	0.08	0.08	
13730	13778	2.83	150	100	0.00	0	0	
13731	13779	280.52	150	100	928.60	0.61	4.91	
13732	13780	158.23	80	100	16.63	0.04	0.06	
13733	13781	513.13	200	100	1715.06	0.63	3.77	
13734	13782	95.08	200	100	63.45	0.02	0.01	
13735	13783	97.75	400	100	668.19	0.06	0.02	
13736	13784	166.71	100	100	12.80	0.02	0.01	
13737	13785	21.45	80	100	17.63	0.04	0.07	
13738	13787	8.95	400	100	54.39	0.01	0	
13739	13788	360.51	100	100	0.00	0	0	
13740	13790	431.55	300	100	657.22	0.11	0.09	
13741	13791	277.16	100	100	4.81	0.01	0	
13742	13792	149.55	100	100	0.30	0	0	
13743	13793	542.48	100	100	3.85	0.01	0	
13744	13794	89.78	100	100	4.82	0.01	0	
13745	13795	614.8	100	100	12.83	0.02	0.01	
13746	13797	604.05	100	100	49.04	0.07	0.15	
13747	13798	238.29	100	100	12.59	0.02	0	
13748	13799	2.76	200	100	172.37	0.06	0.05	
13749	13800	202.09	100	100	37.16	0.05	0.09	
13750	13801	70.96	80	100	6.80	0.02	0.01	
13751	13802	527.61	100	100	18.60	0.03	0.03	
13752	13803	198.77	80	100	28.12	0.06	0.16	
13753	13804	141.79	150	100	231.35	0.15	0.37	
13754	13805	135.08	250	100	444.24	0.1	0.1	
13755	13806	281.09	80	100	14.94	0.03	0.05	
13756	13807	122.52	300	100	522.83	0.09	0.06	
13757	13808	305.94	100	100	24.98	0.04	0.04	
13758	13809	133.45	150	100	36.49	0.02	0.01	
13759	13810	161.8	100	100	1.22	0	0	
13760	13811	7.48	150	100	58.18	0.04	0.03	
13761	13812	40.34	80	100	11.70	0.03	0.03	
13762	13813	28.29	80	100	0.95	0	0	
13763	13814	43.2	80	100	18.26	0.04	0.07	
13764	13815	54.17	100	100	68.92	0.1	0.29	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
13765	13816	73.75	100	100	117.36	0.17	0.77	
13766	13817	24.74	80	100	46.34	0.11	0.41	
13767	13818	18.9	100	100	137.41	0.2	1.03	
13768	13819	226.61	300	100	1883.48	0.31	0.62	
13769	13820	26.94	100	100	103.60	0.15	0.61	
13770	13821	50.25	100	100	96.29	0.14	0.53	
13771	13822	81.91	100	100	122.22	0.18	0.83	
13772	13823	28.77	200	100	623.35	0.23	0.58	
13773	13824	153.51	100	100	37.81	0.06	0.09	
13774	13825	37.4	200	100	527.64	0.19	0.42	
13775	13826	169.25	100	100	40.12	0.06	0.11	
13776	13827	184.06	100	100	16.61	0.02	0.02	
13777	13828	44.3	200	100	581.71	0.21	0.51	
13778	13829	61.15	200	100	575.51	0.21	0.5	
13779	13830	200.84	100	100	4.92	0.01	0	
13780	13831	60.26	100	100	94.04	0.14	0.51	
13781	13832	221.74	100	100	5.74	0.01	0	
13782	13833	61.64	200	100	565.71	0.21	0.48	
13783	13834	26.43	100	100	21.01	0.03	0.03	
13784	13835	177.1	100	100	30.69	0.05	0.06	
13785	13836	37.38	100	100	56.32	0.08	0.2	
13786	13837	83.07	100	100	42.87	0.06	0.12	
13787	13838	20.93	200	100	520.21	0.19	0.41	
13788	13839	79.51	300	100	1904.48	0.31	0.63	
13789	13840	33.1	300	100	1954.23	0.32	0.67	
13790	13841	167.18	300	100	863.72	0.14	0.15	
13791	13842	42.27	100	100	41.43	0.06	0.11	
13792	13843	141.31	100	100	62.23	0.09	0.24	
13793	13844	47.71	200	100	431.64	0.16	0.29	
13794	13845	45.95	100	100	47.45	0.07	0.14	
13795	13846	53.69	100	100	47.60	0.07	0.14	
13796	13847	135.53	100	100	13.41	0.02	0.01	
13797	13848	56.42	100	100	44.23	0.07	0.13	
13798	13849	53.83	100	100	16.63	0.02	0.02	
13799	13850	99.85	100	100	59.10	0.09	0.22	
13800	13851	103.14	100	100	40.75	0.06	0.11	
13801	13852	54.17	100	100	57.04	0.08	0.2	
13802	13853	43.21	200	100	296.79	0.11	0.15	
13803	13854	115.98	100	100	11.09	0.02	0.01	
13804	13855	58.76	200	100	251.13	0.09	0.11	
13805	13856	97.68	100	100	21.99	0.03	0.03	
13806	13857	53.02	200	100	273.73	0.1	0.13	
13807	13858	63.99	100	100	11.10	0.02	0.01	
13808	13859	11.84	200	100	1026.33	0.38	1.46	
13809	13860	1.25	400	100	18.36	0	0	
13810	13861	192.41	80	100	68.86	0.16	0.85	
13811	13862	230.15	80	100	37.85	0.09	0.28	
13812	13863	46.25	200	100	608.91	0.22	0.55	
13813	13864	77.72	80	100	0.00	0	0	
13814	13865	289.18	400	100	18.36	0	0	
13815	13866	329.81	100	100	16.17	0.02	0.02	
13816	13867	4.36	400	100	0.00	0	0	
13817	13868	3.12	400	100	0.00	0	0	
13818	13869	901.03	200	100	456.99	0.17	0.33	
13819	13870	1623.28	200	100	439.75	0.16	0.3	
13820	13871	38.78	150	100	80.96	0.05	0.05	
13821	13872	1013.69	150	100	434.73	0.28	1.2	
13822	13873	303.88	80	100	27.32	0.06	0.15	
13823	13874	515.05	80	100	18.73	0.04	0.08	
13824	13875	246.23	150	100	62.42	0.04	0.03	
13825	13876	688.01	100	100	4.98	0.01	0	
13826	13877	32.24	80	100	0.00	0	0	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
13827	13878	92.53	100	100	12.33	0.02	0.01	
13828	13879	10.1	900	100	2064.97	0.04	0	
13829	13880	9.73	900	100	34708.80	0.63	0.65	
13830	13881	226.2	900	100	25908.56	0.47	0.38	
13831	13882	221.93	900	100	41930.13	0.76	0.92	
13832	13883	47.61	900	100	22793.67	0.41	0.3	
13833	13884	68.75	900	100	25462.39	0.46	0.37	
13834	13885	271.75	900	100	35289.46	0.64	0.67	
13835	13886	595.67	900	100	13899.34	0.25	0.12	
13836	13887	69.09	900	100	2100.10	0.04	0	
13837	13888	243.08	900	100	26497.25	0.48	0.39	
13838	13889	113.7	900	100	34966.98	0.64	0.66	
13839	13890	191.04	900	100	28450.29	0.52	0.45	
13840	13891	398.37	900	100	35814.01	0.65	0.69	
13841	13892	195.36	900	100	34804.96	0.63	0.65	
13842	13893	469.99	900	100	32578.28	0.59	0.58	
13843	13894	53.2	900	100	34106.07	0.62	0.63	
13844	13895	178.35	900	100	14739.98	0.27	0.13	
13845	13896	305.86	80	100	4.29	0.01	0	
13846	13897	105.57	80	100	9.33	0.02	0.02	
13847	13898	818.26	80	100	2.17	0	0	
13848	13899	565.53	80	100	8.50	0.02	0.02	
13849	13900	812.99	80	100	0.92	0	0	
13850	13901	145.78	80	100	2.43	0.01	0	
13851	13902	148	80	100	15.53	0.04	0.05	
13852	13903	119.84	80	100	13.98	0.03	0.04	
13853	13904	133.91	80	100	57.26	0.13	0.6	
13854	13905	69.34	80	100	95.43	0.22	1.55	
13855	13906	67.15	80	100	59.49	0.14	0.65	
13856	13907	116.97	80	100	0.75	0	0	
13857	13908	93.96	80	100	70.81	0.16	0.89	
13858	13909	50.01	80	100	16.71	0.04	0.06	
13859	13910	75.41	80	100	21.67	0.05	0.1	
13860	13911	149	80	100	17.79	0.04	0.07	
13861	13912	44.55	80	100	0.00	0	0	
13862	13913	112.79	80	100	18.72	0.04	0.08	
13863	13914	460.03	80	100	28.23	0.06	0.16	
13864	13915	154.25	80	100	16.79	0.04	0.06	
13865	13916	15.75	80	100	0.00	0	0	
13866	13917	33.23	80	100	32.06	0.07	0.21	
13867	13918	102.39	80	100	7.23	0.02	0.01	
13868	13919	64.68	80	100	261.00	0.6	10.01	
13869	13920	98	80	100	11.51	0.03	0.03	
13870	13921	47.77	80	100	14.56	0.03	0.05	
13871	13922	61.93	80	100	1.20	0	0	
13872	13923	41.06	80	100	33.38	0.08	0.22	
13873	13924	36.33	80	100	1.30	0	0	
13874	13925	32.87	80	100	8.40	0.02	0.02	
13875	13926	42.25	80	100	53.48	0.12	0.53	
13876	13927	94.61	80	100	15.24	0.04	0.05	
13877	13928	67.35	80	100	9.65	0.02	0.02	
13878	13929	50.21	80	100	14.84	0.03	0.05	
13879	13930	40.43	80	100	24.94	0.06	0.13	
13880	13931	99.19	80	100	23.91	0.06	0.12	
13881	13932	125.3	80	100	4.40	0.01	0	
13882	13933	46.98	80	100	9.12	0.02	0.02	
13883	13934	66.3	80	100	27.87	0.06	0.16	
13884	13935	45.16	80	100	152.67	0.35	3.71	
13885	13936	62.97	80	100	4.64	0.01	0	
13886	13937	512.1	80	100	32.65	0.08	0.21	
13887	13938	93.54	80	100	196.18	0.45	5.9	
13888	13939	87.15	80	100	29.13	0.07	0.17	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
13889	13940	44.76	80	100	69.46	0.16	0.86	
13890	13941	47.08	80	100	143.63	0.33	3.31	
13891	13942	44.36	80	100	178.47	0.41	4.95	
13892	13943	208.19	80	100	2.74	0.01	0	
13893	13944	148.35	80	100	128.21	0.3	2.68	
13894	13945	118.72	80	100	33.59	0.08	0.22	
13895	13946	930.96	80	100	62.47	0.14	0.71	
13896	13947	1200.89	80	100	21.91	0.05	0.1	
13897	13948	2164.26	80	100	16.35	0.04	0.06	
13898	13949	135.88	80	100	68.76	0.16	0.85	
13899	13950	9692.67	80	100	21.88	0.05	0.1	
13900	13951	761.7	80	100	7.40	0.02	0.01	
13901	13952	243.67	100	100	179.98	0.27	1.7	
13902	13953	139.8	80	100	1.04	0	0	
13903	13954	207.23	80	100	5.54	0.01	0.01	
13904	13955	70.28	80	100	16.31	0.04	0.06	
13905	13956	134.57	80	100	12.75	0.03	0.04	
13906	13957	72.58	80	100	16.00	0.04	0.06	
13907	13958	61.82	80	100	19.74	0.05	0.08	
13908	13959	44.87	80	100	7.90	0.02	0.02	
13909	13960	149.49	80	100	43.26	0.1	0.36	
13910	13961	78.13	80	100	25.61	0.06	0.14	
13911	13962	204.23	80	100	28.02	0.06	0.16	
13912	13963	3.74	80	100	45.52	0.1	0.4	
13913	13964	136.01	80	100	38.99	0.09	0.3	
13914	13965	216.24	80	100	62.92	0.14	0.72	
13915	13966	69.53	80	100	345.25	0.79	16.8	
13916	13967	235.75	80	100	105.07	0.24	1.86	
13917	13968	87.73	80	100	3.35	0.01	0	
13918	13969	133.96	80	100	6.56	0.02	0.01	
13919	13970	92.8	80	100	12.42	0.03	0.04	
13920	13971	128.04	80	100	7.62	0.02	0.01	
13921	13972	112.42	80	100	31.23	0.07	0.2	
13922	13973	64.8	80	100	28.45	0.07	0.17	
13923	13974	44.66	80	100	81.72	0.19	1.16	
13924	13975	112.6	80	100	25.98	0.06	0.14	
13925	13976	64.56	80	100	36.93	0.09	0.27	
13926	13977	85.79	80	100	14.84	0.03	0.05	
13927	13978	34.16	80	100	40.72	0.09	0.32	
13928	13979	86.27	80	100	39.58	0.09	0.3	
13929	13980	112.82	80	100	6.02	0.01	0.01	
13930	13981	57.73	80	100	84.32	0.19	1.23	
13931	13982	49.77	80	100	9.19	0.02	0.02	
13932	13983	80.44	80	100	182.43	0.42	5.15	
13933	13984	72.82	80	100	49.47	0.11	0.46	
13934	13985	135.89	80	100	60.20	0.14	0.66	
13935	13986	151.5	80	100	89.14	0.21	1.37	
13936	13987	93.18	80	100	59.85	0.14	0.65	
13937	13988	330.25	80	100	45.11	0.1	0.39	
13938	13989	97.85	80	100	1.16	0	0	
13939	13990	231.24	80	100	1.16	0	0	
13940	13991	417.01	80	100	51.37	0.12	0.49	
13941	13992	315.47	80	100	38.02	0.09	0.28	
13942	13993	394.45	700	100	4076.37	0.12	0.04	
13943	13994	77.05	700	100	3841.12	0.12	0.04	
13944	13995	614.62	700	100	9498.84	0.29	0.2	
13945	13996	472.36	700	100	15707.20	0.47	0.51	
13946	13997	114.79	700	100	17371.69	0.52	0.61	
13947	13998	537.44	700	100	14560.92	0.44	0.44	
13948	13999	36.68	700	100	18137.66	0.55	0.67	
13949	14000	585.88	600	100	12971.13	0.53	0.76	
13950	14001	864.8	600	100	2972.88	0.12	0.05	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
13951	14002	76.4	600	100	2918.49	0.12	0.05	
13952	14003	46.9	600	100	5639.77	0.23	0.16	
13953	14004	101.3	600	100	11092.66	0.45	0.57	
13954	14005	149.68	600	100	8976.54	0.37	0.38	
13955	14006	123.09	600	100	9079.25	0.37	0.39	
13956	14007	403.65	600	100	6444.68	0.26	0.21	
13957	14008	142.81	600	100	14695.27	0.6	0.95	
13958	14009	290.98	600	100	5581.99	0.23	0.16	
13959	14010	281.81	600	100	4321.28	0.18	0.1	
13960	14011	375.52	600	100	14575.20	0.6	0.94	
13961	14012	167.46	600	100	8297.64	0.34	0.33	
13962	14013	93.54	600	100	11398.98	0.47	0.6	
13963	14014	88.19	600	100	13797.30	0.56	0.85	
13964	14015	9.01	600	100	1534.01	0.06	0.01	
13965	14016	15.08	600	100	2451.99	0.1	0.03	
13966	14017	321.39	600	100	2254.81	0.09	0.03	
13967	14018	117.59	600	100	413.57	0.02	0	
13968	14019	152.57	600	100	484.79	0.02	0	
13969	14020	45.94	600	100	13320.18	0.55	0.8	
13970	14021	471.98	600	100	152.14	0.01	0	
13971	14022	76.33	600	100	1907.43	0.08	0.02	
13972	14023	132.97	600	100	7670.51	0.31	0.29	
13973	14024	416.11	600	100	10214.36	0.42	0.49	
13974	14025	120.75	600	100	4629.66	0.19	0.11	
13975	14026	193.54	600	100	16974.41	0.69	1.25	
13976	14027	62.91	600	100	11897.54	0.49	0.65	
13977	14028	21.66	600	100	12560.80	0.51	0.71	
13978	14029	260.64	600	100	7850.22	0.32	0.3	
13979	14030	45.37	600	100	7816.08	0.32	0.3	
13980	14031	206.71	600	100	8745.24	0.36	0.37	
13981	14032	299.06	600	100	11002.18	0.45	0.56	
13982	14033	165	600	100	1171.95	0.05	0.01	
13983	14034	295.62	600	100	7695.95	0.32	0.29	
13984	14035	346.68	600	100	12355.50	0.51	0.69	
13985	14036	18.89	600	100	11663.97	0.48	0.62	
13986	14037	100.8	600	100	11034.97	0.45	0.56	
13987	14038	283.79	600	100	10042.12	0.41	0.47	
13988	14039	32.29	600	100	11682.72	0.48	0.62	
13989	14040	278.02	600	100	13342.20	0.55	0.8	
13990	14041	464.36	600	100	5771.81	0.24	0.17	
13991	14042	36.53	600	100	13367.28	0.55	0.8	
13992	14043	53.78	600	100	11387.95	0.47	0.6	
13993	14044	213.13	600	100	16743.54	0.69	1.22	
13994	14045	108.54	600	100	22557.64	0.92	2.11	
13995	14046	106.58	600	100	8488.39	0.35	0.35	
13996	14047	46.95	500	100	3484.92	0.21	0.16	
13997	14048	39.71	500	100	4717.69	0.28	0.28	
13998	14049	157.71	500	100	4076.51	0.24	0.22	
13999	14050	283.91	500	100	4076.14	0.24	0.22	
14000	14051	280.89	500	100	1769.46	0.1	0.05	
14001	14052	1187.91	400	100	0.00	0	0	
14002	14053	329.82	400	100	2963.30	0.27	0.35	
14003	14054	164.19	400	100	4109.95	0.38	0.65	
14004	14055	23.26	400	100	3718.59	0.34	0.54	
14005	14056	202.52	400	100	33.82	0	0	
14006	14057	64.57	400	100	2842.75	0.26	0.33	
14007	14058	6.6	400	100	3839.13	0.35	0.57	
14008	14059	71.07	400	100	999.78	0.09	0.05	
14009	14060	322.63	400	100	5082.24	0.47	0.96	
14010	14061	16.14	400	100	1530.24	0.14	0.1	
14011	14062	49.6	400	100	1100.43	0.1	0.06	
14012	14063	216.76	400	100	587.13	0.05	0.02	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
14013	14064	153.64	400	100	2228.30	0.21	0.21	
14014	14065	32.82	400	100	153.49	0.01	0	
14015	14066	93.16	400	100	786.45	0.07	0.03	
14016	14067	90.6	400	100	408.90	0.04	0.01	
14017	14068	454.94	400	100	2057.07	0.19	0.18	
14018	14069	27.99	400	100	10880.70	1	3.94	
14019	14070	29.8	400	100	9931.07	0.91	3.33	
14020	14071	52.92	400	100	1464.01	0.13	0.1	
14021	14072	41.18	400	100	1248.42	0.11	0.07	
14022	14073	102.33	400	100	3069.43	0.28	0.38	
14023	14074	103.2	400	100	140.67	0.01	0	
14024	14075	165.87	400	100	1077.57	0.1	0.05	
14025	14076	57.92	400	100	4.69	0	0	
14026	14077	60.19	400	100	3240.02	0.3	0.42	
14027	14078	211.14	400	100	2751.25	0.25	0.31	
14028	14079	181.17	400	100	459.37	0.04	0.01	
14029	14080	87.44	400	100	603.51	0.06	0.02	
14030	14081	29.21	400	100	0.00	0	0	
14031	14082	305.05	400	100	2056.99	0.19	0.18	
14032	14083	64.22	400	100	647.76	0.06	0.02	
14033	14084	40.87	400	100	294.90	0.03	0.01	
14034	14085	84.62	400	100	2369.05	0.22	0.23	
14035	14086	33.55	400	100	1754.11	0.16	0.13	
14036	14087	52.81	400	100	2309.48	0.21	0.22	
14037	14088	103.28	400	100	2491.42	0.23	0.26	
14038	14089	64.81	400	100	2391.05	0.22	0.24	
14039	14090	110.95	400	100	1842.86	0.17	0.15	
14040	14091	16.63	400	100	2119.06	0.2	0.19	
14041	14092	238	400	100	2820.50	0.26	0.32	
14042	14093	515.09	400	100	2044.17	0.19	0.18	
14043	14094	111.62	400	100	3194.01	0.29	0.41	
14044	14095	183.87	400	100	1234.87	0.11	0.07	
14045	14096	215.98	400	100	0.00	0	0	
14046	14097	12.6	150	100	0.00	0	0	
14047	14098	92.14	400	100	3101.91	0.29	0.39	
14048	14099	474.51	400	100	1242.66	0.11	0.07	
14049	14100	164.06	400	100	2748.00	0.25	0.31	
14050	14101	422.32	400	100	4109.95	0.38	0.65	
14051	14102	60.94	400	100	704.66	0.06	0.02	
14052	14103	517.43	400	100	4784.19	0.44	0.86	
14053	14104	62.08	400	100	1441.32	0.13	0.09	
14054	14105	19.52	400	100	2198.74	0.2	0.2	
14055	14106	13.24	400	100	1301.24	0.12	0.08	
14056	14107	190.24	400	100	4186.39	0.39	0.67	
14057	14108	464.09	400	100	3567.03	0.33	0.5	
14058	14109	560.91	400	100	672.76	0.06	0.02	
14059	14110	139.99	400	100	2228.31	0.21	0.21	
14060	14111	22.75	400	100	152.12	0.01	0	
14061	14112	22.78	400	100	35.71	0	0	
14062	14113	148.87	400	100	5146.89	0.47	0.99	
14063	14114	109.04	300	100	6820.69	1.12	6.74	
14064	14115	47.99	300	100	408.39	0.07	0.04	
14065	14116	127.12	300	100	72.03	0.01	0	
14066	14117	266.5	100	100	39.00	0.06	0.04	
14067	14118	153.27	300	100	438.73	0.07	0.04	
14068	14119	46.53	300	100	838.04	0.14	0.14	
14069	14120	117.28	300	100	1987.38	0.33	0.69	
14070	14121	1475.23	300	100	4109.95	0.67	2.64	
14071	14122	166.55	300	100	2369.71	0.39	0.95	
14072	14123	131.51	300	100	3164.91	0.52	1.63	
14073	14124	25.55	300	100	96.20	0.02	0	
14074	14125	120.97	300	100	20.34	0	0	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
14075	14126	9.94	300	100	235.25	0.04	0.01	
14076	14127	30.74	300	100	1281.32	0.21	0.3	
14077	14128	95.18	300	100	1119.78	0.18	0.24	
14078	14129	124.81	300	100	1532.54	0.25	0.42	
14079	14130	165.37	300	100	57.14	0.01	0	
14080	14131	161.67	300	100	953.75	0.16	0.18	
14081	14132	40.72	300	100	851.43	0.14	0.14	
14082	14133	52.46	300	100	106.14	0.02	0	
14083	14134	79.64	300	100	106.14	0.02	0	
14084	14135	51.18	300	100	35.84	0.01	0	
14085	14136	39.4	300	100	86.31	0.01	0	
14086	14137	45.61	300	100	25.18	0	0	
14087	14138	840.14	200	100	206.07	0.08	0.07	
14088	14139	89.46	300	100	1148.76	0.19	0.25	
14089	14140	207.63	300	100	1853.90	0.3	0.6	
14090	14141	154.41	300	100	2295.48	0.38	0.9	
14091	14142	79.75	300	100	982.14	0.16	0.19	
14092	14143	331.64	300	100	2909.41	0.48	1.39	
14093	14144	741.87	300	100	109.02	0.02	0	
14094	14145	5.09	300	100	50.84	0.01	0	
14095	14146	47.95	300	100	7683.45	1.26	8.41	
14096	14147	146.32	300	100	33.04	0.01	0	
14097	14148	67.67	300	100	1410.48	0.23	0.36	
14098	14149	54.83	300	100	131.36	0.02	0	
14099	14150	78.34	300	100	488.69	0.08	0.05	
14100	14151	37.89	300	100	1527.02	0.25	0.42	
14101	14152	56.05	300	100	46.55	0.01	0	
14102	14153	72.45	300	100	390.41	0.06	0.03	
14103	14154	6.6	300	100	201.85	0.03	0.01	
14104	14155	35.02	300	100	1168.57	0.19	0.26	
14105	14156	52.72	300	100	1234.78	0.2	0.28	
14106	14157	25.66	300	100	422.07	0.07	0.04	
14107	14158	70.85	300	100	855.52	0.14	0.14	
14108	14159	34.52	300	100	1108.74	0.18	0.23	
14109	14160	10.23	300	100	67.86	0.01	0	
14110	14161	96.84	300	100	2489.18	0.41	1.04	
14111	14162	46.53	300	100	2130.17	0.35	0.78	
14112	14163	52.18	300	100	1482.73	0.24	0.4	
14113	14164	7.69	300	100	850.23	0.14	0.14	
14114	14165	38.72	300	100	796.91	0.13	0.13	
14115	14166	33.08	300	100	1200.07	0.2	0.27	
14116	14167	133.84	300	100	1120.15	0.18	0.24	
14117	14168	41.27	300	100	1413.56	0.23	0.37	
14118	14169	43.63	300	100	1466.00	0.24	0.39	
14119	14170	38.5	300	100	1196.36	0.2	0.27	
14120	14171	129.99	300	100	878.44	0.14	0.15	
14121	14172	51.04	300	100	1945.33	0.32	0.66	
14122	14173	98.72	300	100	909.44	0.15	0.16	
14123	14174	13.7	300	100	3323.23	0.54	1.78	
14124	14175	19.76	300	100	2723.20	0.45	1.23	
14125	14176	217.26	300	100	3586.26	0.59	2.05	
14126	14177	71.67	300	100	3363.78	0.55	1.82	
14127	14178	118.98	300	100	3530.94	0.58	1.99	
14128	14179	80.93	300	100	1366.03	0.22	0.34	
14129	14180	6.76	300	100	1154.94	0.19	0.25	
14130	14181	110.6	300	100	1446.13	0.24	0.38	
14131	14182	3.99	300	100	1664.48	0.27	0.49	
14132	14183	36.86	300	100	1273.65	0.21	0.3	
14133	14184	33.59	300	100	1366.45	0.22	0.34	
14134	14185	112.17	300	100	305.14	0.05	0.02	
14135	14186	26.29	300	100	945.89	0.15	0.17	
14136	14187	141.82	300	100	1139.51	0.19	0.25	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
14137	14188	66.55	300	100	380.67	0.06	0.03	
14138	14189	179.07	300	100	453.09	0.07	0.04	
14139	14190	73.98	300	100	1221.27	0.2	0.28	
14140	14191	77.91	100	100	1.39	0	0	
14141	14192	427.17	300	100	1101.09	0.18	0.23	
14142	14193	6.56	300	100	869.35	0.14	0.15	
14143	14194	85.37	300	100	1780.32	0.29	0.56	
14144	14195	49.68	300	100	2844.62	0.47	1.33	
14145	14196	75.28	300	100	471.94	0.08	0.05	
14146	14197	72.1	300	100	409.35	0.07	0.04	
14147	14198	54.84	300	100	1953.04	0.32	0.67	
14148	14199	88.04	300	100	96.16	0.02	0	
14149	14200	171.75	300	100	45.42	0.01	0	
14150	14201	84.89	300	100	76.24	0.01	0	
14151	14202	24.88	300	100	1300.76	0.21	0.31	
14152	14203	109.9	300	100	1388.71	0.23	0.35	
14153	14204	9.63	300	100	1527.80	0.25	0.42	
14154	14205	107.14	300	100	400.41	0.07	0.04	
14155	14206	197.81	300	100	0.00	0	0	
14156	14207	276.12	300	100	2611.71	0.43	1.14	
14157	14208	417.69	300	100	70.01	0.01	0	
14158	14209	27.23	300	100	4744.68	0.78	3.44	
14159	14210	333.72	300	100	1594.02	0.26	0.46	
14160	14211	17.71	300	100	3066.64	0.5	1.53	
14161	14212	134.13	300	100	0.00	0	0	
14162	14213	76.93	250	100	6820.69	1.61	16.39	
14163	14214	37.45	250	100	2499.15	0.59	2.55	
14164	14215	35.55	250	100	2244.86	0.53	2.09	
14165	14216	30.53	250	100	2405.47	0.57	2.38	
14166	14217	55.57	250	100	2903.67	0.68	3.37	
14167	14218	44.79	250	100	4446.85	1.05	7.42	
14168	14219	121.31	250	100	932.18	0.22	0.41	
14169	14220	35.38	200	100	688.20	0.25	0.69	
14170	14221	3.82	250	100	1035.80	0.24	0.5	
14171	14222	68.52	250	100	325.79	0.08	0.06	
14172	14223	68.37	250	100	351.22	0.08	0.07	
14173	14224	102.44	250	100	825.74	0.19	0.33	
14174	14225	469.92	250	100	974.86	0.23	0.45	
14175	14226	360.35	250	100	4449.86	1.05	7.43	
14176	14227	80.03	250	100	25.98	0.01	0	
14177	14228	56.43	250	100	155.33	0.04	0.01	
14178	14229	334.12	250	100	5120.72	1.21	9.64	
14179	14230	47.83	250	100	50.32	0.01	0	
14180	14231	52.77	200	100	367.84	0.14	0.22	
14181	14232	217.67	200	100	495.50	0.18	0.38	
14182	14233	45.6	200	100	566.41	0.21	0.48	
14183	14234	52.73	200	100	325.50	0.12	0.17	
14184	14235	54.07	200	100	146.70	0.05	0.04	
14185	14236	36.02	200	100	683.25	0.25	0.69	
14186	14237	103.63	200	100	683.25	0.25	0.69	
14187	14238	272.73	200	100	45.09	0.02	0	
14188	14239	16.45	200	100	565.37	0.21	0.48	
14189	14240	23.25	200	100	643.65	0.24	0.61	
14190	14241	359.06	200	100	20.86	0.01	0	
14191	16688	291.19	200	100	23.19	0.01	0	
14192	14242	32.09	200	100	1100.17	0.41	1.66	
14193	14243	93.64	200	100	1100.60	0.41	1.66	
14194	14244	132.24	200	100	276.25	0.1	0.13	
14195	14245	288.22	200	100	772.02	0.28	0.86	
14196	14246	104.92	200	100	503.11	0.19	0.39	
14197	14247	71.5	200	100	102.43	0.04	0.02	
14198	14248	38.24	200	100	49.38	0.02	0.01	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
14199	14249	258.29	200	100	190.63	0.07	0.06	
14200	14250	72.3	200	100	902.51	0.33	1.15	
14201	14251	17.11	200	100	651.65	0.24	0.63	
14202	14252	137.61	200	100	1021.80	0.38	1.44	
14203	14253	58.08	200	100	30.49	0.01	0	
14204	14254	57.67	200	100	263.25	0.1	0.12	
14205	14255	125.08	200	100	33.91	0.01	0	
14206	14256	148.07	200	100	625.16	0.23	0.58	
14207	14257	141.95	200	100	313.09	0.12	0.16	
14208	14258	43.01	200	100	524.10	0.19	0.42	
14209	14259	66.19	200	100	124.79	0.05	0.03	
14210	14260	107.69	200	100	980.33	0.36	1.34	
14211	14261	26.74	200	100	511.06	0.19	0.4	
14212	14262	81.32	200	100	435.35	0.16	0.3	
14213	14263	114.56	200	100	196.41	0.07	0.07	
14214	14264	150.22	200	100	22.75	0.01	0	
14215	14265	90.95	200	100	508.29	0.19	0.4	
14216	14266	56.57	200	100	405.69	0.15	0.26	
14217	14267	70.75	200	100	234.47	0.09	0.09	
14218	14268	59.22	200	100	306.72	0.11	0.16	
14219	14269	94.83	200	100	39.66	0.01	0	
14220	14270	148.05	200	100	918.90	0.34	1.19	
14221	14271	122.36	200	100	1055.88	0.39	1.53	
14222	14272	64.24	200	100	554.56	0.2	0.47	
14223	14273	125.96	200	100	422.64	0.16	0.28	
14224	14274	80.82	200	100	370.80	0.14	0.22	
14225	14275	21	200	100	1100.83	0.41	1.66	
14226	14276	42.95	200	100	1203.17	0.44	1.95	
14227	14277	125.31	200	100	120.88	0.04	0.03	
14228	14278	203.59	200	100	1016.05	0.37	1.43	
14229	14279	63.31	200	100	473.70	0.17	0.35	
14230	14280	95.94	200	100	318.74	0.12	0.17	
14231	14281	54.87	200	100	1548.79	0.57	3.12	
14232	14282	63.72	200	100	664.88	0.24	0.65	
14233	14283	41.6	200	100	925.32	0.34	1.2	
14234	14284	25.21	200	100	835.44	0.31	0.99	
14235	14285	57.09	200	100	1432.37	0.53	2.7	
14236	14286	153.46	200	100	1248.56	0.46	2.09	
14237	14287	5.23	200	100	1411.18	0.52	2.63	
14238	14288	65.76	200	100	446.62	0.16	0.31	
14239	14289	29.77	200	100	18.57	0.01	0	
14240	14290	98.14	200	100	168.95	0.06	0.05	
14241	14291	161.01	200	100	511.34	0.19	0.4	
14242	14292	27.9	200	100	723.58	0.27	0.76	
14243	14293	21.53	200	100	108.30	0.04	0.02	
14244	14294	101.25	200	100	26.76	0.01	0	
14245	14295	42.04	200	100	956.33	0.35	1.28	
14246	14296	126.61	200	100	406.85	0.15	0.26	
14247	14297	298.56	200	100	492.74	0.18	0.37	
14248	14298	132.2	200	100	27.65	0.01	0	
14249	14299	42.07	200	100	989.72	0.36	1.36	
14250	14300	1193.23	200	100	63.53	0.02	0.01	
14251	14301	41.74	200	100	102.90	0.04	0.02	
14252	14302	151.81	200	100	184.96	0.07	0.06	
14253	14303	11.81	200	100	139.45	0.05	0.04	
14254	14304	26.88	200	100	1071.60	0.39	1.58	
14255	14305	26.84	100	100	0.00	0	0	
14256	14306	36.08	200	100	1451.03	0.53	2.77	
14257	14307	93.58	200	100	889.16	0.33	1.12	
14258	14308	35.22	200	100	594.72	0.22	0.53	
14259	14309	438.45	200	100	807.54	0.3	0.93	
14260	14310	13.58	200	100	433.55	0.16	0.3	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
14261	14311	106.46	200	100	949.18	0.35	1.26	
14262	14312	14.17	200	100	1365.43	0.5	2.47	
14263	14313	34.42	200	100	1261.74	0.46	2.13	
14264	14314	209.57	200	100	637.56	0.23	0.6	
14265	14315	21.3	200	100	773.91	0.29	0.86	
14266	14316	62.49	200	100	162.58	0.06	0.05	
14267	14317	71.07	200	100	38.03	0.01	0	
14268	14318	66.35	200	100	59.53	0.02	0.01	
14269	14319	53.62	200	100	195.17	0.07	0.07	
14270	14320	78.69	200	100	239.99	0.09	0.1	
14271	14321	189.55	200	100	68.20	0.03	0.01	
14272	14322	51.31	200	100	201.08	0.07	0.07	
14273	14323	27.49	200	100	171.21	0.06	0.05	
14274	14324	118.19	200	100	180.91	0.07	0.06	
14275	14325	30.25	200	100	134.83	0.05	0.03	
14276	14326	845.1	200	100	300.07	0.11	0.15	
14277	14327	41.7	200	100	431.14	0.16	0.29	
14278	14328	154.54	200	100	460.29	0.17	0.33	
14279	14329	64.86	200	100	42.88	0.02	0	
14280	14330	42.48	200	100	621.64	0.23	0.58	
14281	14331	145.06	200	100	632.67	0.23	0.59	
14282	14332	168.56	200	100	246.47	0.09	0.1	
14283	14333	115.91	200	100	74.72	0.03	0.01	
14284	14334	4.76	200	100	144.15	0.05	0.04	
14285	14335	59.96	200	100	34.50	0.01	0	
14286	14336	25.35	200	100	113.14	0.04	0.02	
14287	14337	53.36	200	100	21.07	0.01	0	
14288	14338	36.49	200	100	241.00	0.09	0.1	
14289	14339	193.99	200	100	287.43	0.11	0.14	
14290	14340	59.41	200	100	282.41	0.1	0.13	
14291	14341	197.43	200	100	284.15	0.1	0.13	
14292	14342	67.96	200	100	1211.07	0.45	1.98	
14293	14343	104.67	200	100	413.85	0.15	0.27	
14294	14344	117.89	200	100	224.10	0.08	0.09	
14295	14345	53.91	200	100	48.62	0.02	0.01	
14296	14346	44.82	200	100	68.90	0.03	0.01	
14297	14347	46.62	200	100	30.83	0.01	0	
14298	14348	61.86	200	100	84.25	0.03	0.01	
14299	14349	14.75	200	100	127.09	0.05	0.03	
14300	14350	6.59	200	100	446.16	0.16	0.31	
14301	14351	197.74	200	100	281.20	0.1	0.13	
14302	14352	14.55	200	100	576.56	0.21	0.5	
14303	14353	102.47	200	100	160.66	0.06	0.05	
14304	14354	13.1	200	100	371.12	0.14	0.22	
14305	14355	161.95	200	100	427.83	0.16	0.29	
14306	14356	412.15	200	100	594.93	0.22	0.53	
14307	14357	127.16	200	100	325.13	0.12	0.17	
14308	14358	36.06	200	100	548.41	0.2	0.46	
14309	14359	156.22	200	100	475.33	0.18	0.35	
14310	14360	20.33	200	100	938.78	0.35	1.23	
14311	14361	91.46	200	100	1088.02	0.4	1.62	
14312	14362	43.66	200	100	324.92	0.12	0.17	
14313	14363	75.8	200	100	617.20	0.23	0.57	
14314	14364	89.23	200	100	621.99	0.23	0.58	
14315	14365	49.73	200	100	89.98	0.03	0.02	
14316	14366	29.59	200	100	414.22	0.15	0.27	
14317	14367	95.47	200	100	277.46	0.1	0.13	
14318	14368	21.86	200	100	430.38	0.16	0.29	
14319	14369	53.3	200	100	693.58	0.26	0.7	
14320	14370	107.25	200	100	10.85	0	0	
14321	14371	63.71	200	100	6.29	0	0	
14322	14372	78.77	200	100	838.82	0.31	1	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
14323	14373	138.96	200	100	108.64	0.04	0.02	
14324	14374	142.5	200	100	112.35	0.04	0.02	
14325	14375	8.66	200	100	76.62	0.03	0.01	
14326	14376	48.75	200	100	174.00	0.06	0.05	
14327	14377	56.82	200	100	8.55	0	0	
14328	14378	48.84	200	100	75.31	0.03	0.01	
14329	14379	114.17	200	100	187.45	0.07	0.06	
14330	14380	147.8	200	100	7.85	0	0	
14331	14381	192.52	200	100	172.00	0.06	0.05	
14332	14382	117.26	200	100	187.40	0.07	0.06	
14333	14383	77.38	200	100	591.59	0.22	0.52	
14334	14384	36.42	200	100	39.85	0.01	0	
14335	14385	46.75	200	100	21.72	0.01	0	
14336	14386	128.52	200	100	296.30	0.11	0.15	
14337	14387	83.97	200	100	472.80	0.17	0.35	
14338	14388	61.48	200	100	465.54	0.17	0.34	
14339	14389	49.13	200	100	150.64	0.06	0.04	
14340	14390	16.13	200	100	161.22	0.06	0.05	
14341	14391	177.74	200	100	511.42	0.19	0.4	
14342	14392	271.67	200	100	99.89	0.04	0.02	
14343	14393	58.18	200	100	559.20	0.21	0.47	
14344	14394	73.01	200	100	857.12	0.32	1.04	
14345	14395	81.7	200	100	566.75	0.21	0.48	
14346	14396	57.53	200	100	262.04	0.1	0.12	
14347	14397	47.75	200	100	631.73	0.23	0.59	
14348	14398	51.32	200	100	391.01	0.14	0.24	
14349	14399	98.9	200	100	422.17	0.16	0.28	
14350	14400	42.94	200	100	351.04	0.13	0.2	
14351	14401	142.73	200	100	397.96	0.15	0.25	
14352	14402	294.99	200	100	172.98	0.06	0.05	
14353	14403	165.64	200	100	628.08	0.23	0.59	
14354	14404	102.5	200	100	733.89	0.27	0.78	
14355	14405	485.59	200	100	401.81	0.15	0.26	
14356	14406	35.24	200	100	381.36	0.14	0.23	
14357	14407	68.35	200	100	695.61	0.26	0.71	
14358	14408	213.99	200	100	738.31	0.27	0.79	
14359	14409	40.44	200	100	782.39	0.29	0.88	
14360	14410	46.55	200	100	788.79	0.29	0.89	
14361	14411	52.75	200	100	9.97	0	0	
14362	14412	91.97	200	100	108.13	0.04	0.02	
14363	14413	81.47	200	100	115.50	0.04	0.03	
14364	14414	47.05	200	100	1579.32	0.58	3.23	
14365	14415	102.48	200	100	558.24	0.21	0.47	
14366	14416	46.37	200	100	697.99	0.26	0.71	
14367	14417	182.22	200	100	678.96	0.25	0.68	
14368	14418	40.41	200	100	142.48	0.05	0.04	
14369	14419	72.94	200	100	775.04	0.29	0.87	
14370	14420	256.05	200	100	747.75	0.28	0.81	
14371	14421	129.95	200	100	157.92	0.06	0.05	
14372	14422	84.5	200	100	577.15	0.21	0.5	
14373	14423	36.95	200	100	113.14	0.04	0.02	
14374	14424	60.28	200	100	516.77	0.19	0.41	
14375	14425	40.52	200	100	36.94	0.01	0	
14376	14426	51.68	200	100	383.72	0.14	0.24	
14377	14427	81.23	200	100	450.35	0.17	0.32	
14378	14428	80.41	200	100	199.36	0.07	0.07	
14379	14429	95.02	200	100	265.41	0.1	0.12	
14380	14430	63.96	200	100	1806.51	0.67	4.15	
14381	14431	59.35	200	100	140.74	0.05	0.04	
14382	14432	58.26	200	100	48.28	0.02	0.01	
14383	14433	81.9	200	100	226.53	0.08	0.09	
14384	14434	114.51	200	100	24.43	0.01	0	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
14385	14435	99.73	200	100	213.57	0.08	0.08	
14386	14436	104.43	200	100	119.86	0.04	0.03	
14387	14437	95.02	200	100	218.20	0.08	0.08	
14388	14438	88.76	200	100	182.06	0.07	0.06	
14389	14439	27.02	200	100	339.17	0.12	0.19	
14390	14440	80.22	200	100	269.97	0.1	0.12	
14391	14441	44.34	200	100	227.57	0.08	0.09	
14392	14442	33.42	200	100	358.00	0.13	0.21	
14393	14443	58.98	200	100	179.05	0.07	0.06	
14394	14444	25.92	200	100	323.93	0.12	0.17	
14395	14445	27.23	200	100	286.13	0.11	0.14	
14396	14446	55.25	200	100	640.92	0.24	0.61	
14397	14447	72.81	150	100	1218.60	0.8	8.13	
14398	14448	1165.41	200	100	55.51	0.02	0.01	
14399	14449	32.23	200	100	844.02	0.31	1.01	
14400	14450	56.31	200	100	491.89	0.18	0.37	
14401	14451	31.32	200	100	671.68	0.25	0.66	
14402	14452	36.47	200	100	592.79	0.22	0.53	
14403	14453	45.78	200	100	622.30	0.23	0.58	
14404	14454	56.11	200	100	59.01	0.02	0.01	
14405	14455	48.08	200	100	756.99	0.28	0.83	
14406	14456	68.98	200	100	101.13	0.04	0.02	
14407	14457	38.59	200	100	193.31	0.07	0.07	
14408	14458	23.83	200	100	286.78	0.11	0.14	
14409	14459	44.97	200	100	377.53	0.14	0.23	
14410	14460	20.26	200	100	475.33	0.18	0.35	
14411	14461	72.88	200	100	529.27	0.19	0.43	
14412	14462	88.41	200	100	134.35	0.05	0.03	
14413	14463	136.91	200	100	483.77	0.18	0.36	
14414	14464	108.93	200	100	588.19	0.22	0.52	
14415	14465	132.61	200	100	747.61	0.28	0.81	
14416	14466	79.81	200	100	205.02	0.08	0.07	
14417	14467	133.67	200	100	192.30	0.07	0.07	
14418	14468	135.14	200	100	195.76	0.07	0.07	
14419	14469	136.37	200	100	572.44	0.21	0.49	
14420	14470	86.69	200	100	252.03	0.09	0.11	
14421	14471	126.07	200	100	176.57	0.07	0.06	
14422	14472	221.41	200	100	13.84	0.01	0	
14423	14473	67.84	200	100	279.32	0.1	0.13	
14424	14474	45.55	200	100	856.11	0.32	1.04	
14425	14475	79.6	200	100	1746.55	0.64	3.9	
14426	14476	168.73	200	100	1725.31	0.64	3.81	
14427	14477	66.69	200	100	230.54	0.08	0.09	
14428	14478	480.11	200	100	105.72	0.04	0.02	
14429	14479	73.48	200	100	168.84	0.06	0.05	
14430	14480	80.56	200	100	438.21	0.16	0.3	
14431	14481	872.71	200	100	0.02	0	0	
14432	14482	92.5	200	100	85.34	0.03	0.01	
14433	14483	7.96	200	100	21.27	0.01	0	
14434	14484	61.5	200	100	336.06	0.12	0.18	
14435	14485	24.79	200	100	55.35	0.02	0.01	
14436	14486	91.56	200	100	496.18	0.18	0.38	
14437	14487	110.04	200	100	619.44	0.23	0.57	
14438	14488	124.92	200	100	37.85	0.01	0	
14439	14489	133.09	200	100	1014.26	0.37	1.42	
14440	14490	93.2	200	100	289.74	0.11	0.14	
14441	14491	148.21	200	100	812.04	0.3	0.94	
14442	14492	149.78	200	100	989.34	0.36	1.36	
14443	14493	276.27	200	100	234.05	0.09	0.09	
14444	14494	731.38	200	100	940.81	0.35	1.24	
14445	14495	146.58	200	100	527.41	0.19	0.42	
14446	14496	1446.76	200	100	405.95	0.15	0.26	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
14447	14497	7.19	200	100	62.93	0.02	0.01	
14448	14498	611.58	200	100	895.38	0.33	1.13	
14449	14499	157.46	150	100	722.91	0.47	3.09	
14450	14500	37.19	200	100	1788.64	0.66	4.07	
14451	14501	66.55	200	100	443.07	0.16	0.31	
14452	14502	140.67	200	100	1035.80	0.38	1.48	
14453	14503	47.1	200	100	471.39	0.17	0.34	
14454	14504	129.01	200	100	327.22	0.12	0.18	
14455	14505	60.58	200	100	1020.05	0.38	1.44	
14456	14506	222.84	200	100	7.22	0	0	
14457	14507	399.82	200	100	115.01	0.04	0.03	
14458	14508	155.2	200	100	253.63	0.09	0.11	
14459	14509	138.26	200	100	162.58	0.06	0.05	
14460	14510	318.5	150	100	113.29	0.07	0.1	
14461	14511	136.9	200	100	822.32	0.3	0.97	
14462	14512	81.39	200	100	107.94	0.04	0.02	
14463	14513	136.12	200	100	276.47	0.1	0.13	
14464	14514	40.37	200	100	321.53	0.12	0.17	
14465	14515	20.59	200	100	513.85	0.19	0.4	
14466	14516	68.39	200	100	230.54	0.08	0.09	
14467	14517	153.97	200	100	824.69	0.3	0.97	
14468	14518	177.32	200	100	1561.99	0.58	3.17	
14469	14519	39.56	200	100	1869.15	0.69	4.42	
14470	14520	79.96	200	100	483.46	0.18	0.36	
14471	14521	269.58	200	100	339.98	0.13	0.19	
14472	14522	1103.24	200	100	204.30	0.08	0.07	
14473	14523	389.44	150	100	209.17	0.14	0.31	
14474	14524	162.42	150	100	844.50	0.55	4.12	
14475	14525	149.13	150	100	55.40	0.04	0.03	
14476	14526	263.79	150	100	675.15	0.44	2.72	
14477	14527	416.04	150	100	93.08	0.06	0.07	
14478	14528	21.15	200	100	270.72	0.1	0.12	
14479	14529	164.45	150	100	44.05	0.03	0.02	
14480	14530	130.27	150	100	541.04	0.35	1.81	
14481	14531	34.48	150	100	416.45	0.27	1.11	
14482	14532	45.27	150	100	6.77	0	0	
14483	14533	42.13	150	100	232.14	0.15	0.38	
14484	14534	92.31	150	100	241.86	0.16	0.41	
14485	14535	57.08	150	100	436.84	0.29	1.22	
14486	14536	389.73	150	100	65.68	0.04	0.04	
14487	14537	146.43	150	100	152.61	0.1	0.17	
14488	14538	101.43	150	100	151.64	0.1	0.17	
14489	14539	104.85	150	100	214.32	0.14	0.33	
14490	14540	98.2	150	100	113.34	0.07	0.1	
14491	14541	36.42	150	100	160.89	0.11	0.19	
14492	14542	60.45	150	100	437.49	0.29	1.22	
14493	14543	51.11	150	100	790.88	0.52	3.65	
14494	14544	73.98	150	100	109.74	0.07	0.09	
14495	14545	122.16	150	100	458.45	0.3	1.33	
14496	14546	51.24	150	100	63.74	0.04	0.03	
14497	14547	87	150	100	35.34	0.02	0.01	
14498	14548	118.72	150	100	116.91	0.08	0.11	
14499	14549	102.33	150	100	142.87	0.09	0.15	
14500	14550	33.85	150	100	74.20	0.05	0.05	
14501	14551	257.39	100	100	2.05	0	0	
14502	14552	154.34	150	100	109.10	0.07	0.09	
14503	14553	47.15	150	100	143.63	0.09	0.16	
14504	14554	40.48	150	100	20.03	0.01	0	
14505	14555	45.56	150	100	129.78	0.08	0.13	
14506	14556	151.94	150	100	260.57	0.17	0.47	
14507	14557	156.66	150	100	335.98	0.22	0.75	
14508	14558	158.56	150	100	164.57	0.11	0.2	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
14509	14559	165.89	150	100	834.11	0.55	4.03	
14510	14560	76	150	100	90.45	0.06	0.07	
14511	14561	66.55	150	100	561.80	0.37	1.94	
14512	14562	157.38	150	100	248.30	0.16	0.43	
14513	14563	156.07	150	100	107.68	0.07	0.09	
14514	14564	64.76	150	100	44.99	0.03	0.02	
14515	14565	41	150	100	23.04	0.02	0.01	
14516	14566	66.94	150	100	173.78	0.11	0.22	
14517	14567	83.02	150	100	100.03	0.07	0.08	
14518	14568	89.01	150	100	93.50	0.06	0.07	
14519	14569	136.65	150	100	377.79	0.25	0.93	
14520	14570	72.67	150	100	215.21	0.14	0.33	
14521	14571	87.11	150	100	294.19	0.19	0.58	
14522	14572	146.83	150	100	174.40	0.11	0.22	
14523	14573	139.88	150	100	285.38	0.19	0.55	
14524	14574	60.36	150	100	153.75	0.1	0.18	
14525	14575	62.55	150	100	96.59	0.06	0.07	
14526	14576	69.28	150	100	423.22	0.28	1.15	
14527	14577	58.88	150	100	422.51	0.28	1.14	
14528	14578	26.21	150	100	11.14	0.01	0	
14529	14579	64.86	150	100	101.21	0.07	0.08	
14530	14580	63.73	150	100	44.99	0.03	0.02	
14531	14581	59.15	150	100	22.97	0.02	0.01	
14532	14582	134.47	150	100	1429.31	0.94	10.92	
14533	14583	124.61	150	100	105.53	0.07	0.09	
14534	14584	81.89	150	100	473.74	0.31	1.41	
14535	14585	159.63	150	100	152.51	0.1	0.17	
14536	14586	144.64	150	100	221.01	0.14	0.34	
14537	14587	79.81	150	100	340.28	0.22	0.77	
14538	14588	62.83	150	100	438.70	0.29	1.22	
14539	14589	164.78	150	100	391.84	0.26	0.99	
14540	14590	95.52	150	100	110.17	0.07	0.09	
14541	14591	87.96	150	100	149.61	0.1	0.17	
14542	14592	86.46	150	100	18.40	0.01	0	
14543	14593	66.06	150	100	47.31	0.03	0.02	
14544	14594	56.22	150	100	195.46	0.13	0.27	
14545	14595	73.88	150	100	228.33	0.15	0.37	
14546	14596	198.05	150	100	25.23	0.02	0.01	
14547	14597	108.88	150	100	39.74	0.03	0.01	
14548	14598	159.33	150	100	4.52	0	0	
14549	14599	322.97	150	100	178.28	0.12	0.23	
14550	14600	300.43	150	100	8.46	0.01	0	
14551	14601	157.61	150	100	98.25	0.06	0.08	
14552	14603	123.15	150	100	139.02	0.09	0.15	
14553	14604	57.2	150	100	449.83	0.29	1.28	
14554	14605	245.69	150	100	0.00	0	0	
14555	14606	17.46	150	100	278.45	0.18	0.53	
14556	14607	89.24	150	100	62.46	0.04	0.03	
14557	14608	88.36	150	100	85.66	0.06	0.06	
14558	14609	165.03	150	100	634.18	0.42	2.42	
14559	14610	129.61	150	100	128.84	0.08	0.13	
14560	14611	63.61	150	100	302.92	0.2	0.62	
14561	14612	49.67	150	100	66.75	0.04	0.04	
14562	14613	416.99	150	100	26.89	0.02	0.01	
14563	14614	153.16	150	100	169.08	0.11	0.21	
14564	14615	2.84	150	100	174.64	0.11	0.22	
14565	14616	220.74	150	100	42.54	0.03	0.02	
14566	14617	9.25	150	100	50.84	0.03	0.02	
14567	14618	20.53	150	100	54.04	0.04	0.03	
14568	14619	58.41	150	100	66.47	0.04	0.04	
14569	14620	5.06	150	100	8.30	0.01	0	
14570	14621	131.27	150	100	149.10	0.1	0.17	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
14571	14622	184.5	150	100	62.46	0.04	0.03	
14572	14623	85.02	150	100	166.63	0.11	0.2	
14573	14624	98.86	150	100	171.22	0.11	0.21	
14574	14625	36.22	150	100	1154.02	0.76	7.35	
14575	14626	40.22	150	100	901.36	0.59	4.65	
14576	14627	37.97	150	100	339.67	0.22	0.76	
14577	14628	77.87	150	100	529.18	0.35	1.73	
14578	14629	36.5	150	100	364.74	0.24	0.87	
14579	14630	41.1	150	100	539.86	0.35	1.8	
14580	14631	63.43	150	100	315.41	0.21	0.66	
14581	14632	31.95	150	100	390.16	0.26	0.99	
14582	14633	45.46	150	100	398.16	0.26	1.02	
14583	14634	39.37	150	100	129.20	0.08	0.13	
14584	14635	123.82	150	100	215.69	0.14	0.33	
14585	14636	43.27	150	100	369.49	0.24	0.89	
14586	14637	36.1	150	100	1190.14	0.78	7.78	
14587	14638	47.4	150	100	194.17	0.13	0.27	
14588	14639	218.94	150	100	37.71	0.02	0.01	
14589	14640	109.5	150	100	483.72	0.32	1.47	
14590	14641	36.14	150	100	966.63	0.63	5.29	
14591	14642	39.38	150	100	967.67	0.63	5.3	
14592	14643	157.29	150	100	0.00	0	0	
14593	14644	11.6	150	100	16.63	0.01	0	
14594	14645	7.24	150	100	16.63	0.01	0	
14595	14646	19.3	150	100	70.33	0.05	0.04	
14596	14647	39.18	150	100	56.23	0.04	0.03	
14597	14648	18.81	150	100	36.53	0.02	0.01	
14598	14649	40.06	150	100	311.00	0.2	0.65	
14599	14650	29.17	150	100	269.05	0.18	0.5	
14600	14651	9.65	150	100	378.42	0.25	0.93	
14601	14652	208.78	150	100	155.22	0.1	0.18	
14602	14653	37.96	150	100	285.01	0.19	0.55	
14603	14654	40.32	150	100	260.68	0.17	0.47	
14604	14655	97.21	150	100	14.73	0.01	0	
14605	14656	84.27	150	100	116.91	0.08	0.11	
14606	14657	121.33	150	100	187.72	0.12	0.25	
14607	14658	41.57	150	100	189.78	0.12	0.26	
14608	14659	41.72	150	100	183.83	0.12	0.24	
14609	14660	127.56	150	100	21.46	0.01	0	
14610	14661	21.03	150	100	148.52	0.1	0.16	
14611	14662	45.31	150	100	33.31	0.02	0.01	
14612	14663	12.91	150	100	69.11	0.05	0.04	
14613	14664	17.7	150	100	382.51	0.25	0.95	
14614	14665	85.1	150	100	220.39	0.14	0.34	
14615	14666	71.32	150	100	19.02	0.01	0	
14616	14667	109.76	150	100	70.32	0.05	0.04	
14617	14668	98.85	150	100	21.04	0.01	0	
14618	14669	67.35	150	100	73.66	0.05	0.05	
14619	14670	140.66	150	100	79.53	0.05	0.05	
14620	14671	36.45	150	100	53.85	0.04	0.03	
14621	14672	28.52	150	100	81.04	0.05	0.05	
14622	14673	5.18	150	100	8.83	0.01	0	
14623	14674	28.36	150	100	27.28	0.02	0.01	
14624	14675	41.57	150	100	88.37	0.06	0.06	
14625	14676	64.06	150	100	110.04	0.07	0.09	
14626	14677	56.91	150	100	74.46	0.05	0.05	
14627	14678	55.48	150	100	52.22	0.03	0.02	
14628	14679	30.9	150	100	39.29	0.03	0.01	
14629	14680	109.72	150	100	7.65	0.01	0	
14630	14681	49.67	150	100	47.51	0.03	0.02	
14631	14682	116.59	150	100	1.03	0	0	
14632	14683	166.82	150	100	87.59	0.06	0.06	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
14633	14684	213.28	150	100	18.22	0.01	0	
14634	14685	127.27	150	100	14.92	0.01	0	
14635	14686	49.25	150	100	56.62	0.04	0.03	
14636	14687	109.96	150	100	91.06	0.06	0.07	
14637	14688	47.33	150	100	158.43	0.1	0.19	
14638	14689	104.1	150	100	96.43	0.06	0.07	
14639	14690	107.8	150	100	56.88	0.04	0.03	
14640	14691	153.11	150	100	156.19	0.1	0.18	
14641	14692	47.24	150	100	259.36	0.17	0.46	
14642	14693	117.83	150	100	131.42	0.09	0.13	
14643	14694	79.15	150	100	154.96	0.1	0.18	
14644	14695	96.64	150	100	80.04	0.05	0.05	
14645	14696	117.72	150	100	93.97	0.06	0.07	
14646	14697	114.68	150	100	228.92	0.15	0.37	
14647	14698	131.77	150	100	65.68	0.04	0.04	
14648	14699	124.11	150	100	52.98	0.03	0.02	
14649	14700	51.92	150	100	118.23	0.08	0.11	
14650	14701	142.96	150	100	45.24	0.03	0.02	
14651	14702	66.86	150	100	90.69	0.06	0.07	
14652	14703	52.96	150	100	27.02	0.02	0.01	
14653	14704	116.77	150	100	137.40	0.09	0.14	
14654	14705	53.91	150	100	21.31	0.01	0	
14655	14706	240.33	150	100	299.93	0.2	0.61	
14656	14707	137.48	150	100	176.04	0.12	0.23	
14657	14708	69.75	150	100	209.53	0.14	0.31	
14658	14709	92.42	150	100	5.83	0	0	
14659	14710	50.66	150	100	18.76	0.01	0	
14660	14711	4.03	150	100	1.36	0	0	
14661	14712	90.81	150	100	17.36	0.01	0	
14662	14713	85.16	150	100	62.18	0.04	0.03	
14663	14714	46.85	150	100	18.17	0.01	0	
14664	14715	93.39	150	100	79.97	0.05	0.05	
14665	14716	67.45	150	100	30.56	0.02	0.01	
14666	14717	38.07	150	100	1.24	0	0	
14667	14718	85.59	150	100	257.87	0.17	0.46	
14668	14719	47.99	150	100	42.45	0.03	0.02	
14669	14720	33.26	150	100	398.76	0.26	1.03	
14670	14721	128.51	150	100	324.34	0.21	0.7	
14671	14722	101.79	150	100	227.40	0.15	0.36	
14672	14723	240.1	150	100	56.78	0.04	0.03	
14673	14724	49.3	150	100	295.88	0.19	0.59	
14674	14725	109.37	150	100	125.35	0.08	0.12	
14675	14726	114.8	150	100	360.45	0.24	0.85	
14676	14727	166.58	150	100	6.36	0	0	
14677	14728	81.02	150	100	299.31	0.2	0.6	
14678	14729	131.22	150	100	176.99	0.12	0.23	
14679	14730	15.51	150	100	658.54	0.43	2.6	
14680	14731	33.57	150	100	13.53	0.01	0	
14681	14732	103.81	150	100	22.75	0.01	0.01	
14682	14733	177.67	150	100	0.00	0	0	
14683	14734	82.34	150	100	113.88	0.07	0.1	
14684	14735	56.3	150	100	31.29	0.02	0.01	
14685	14736	119.09	150	100	30.80	0.02	0.01	
14686	14737	62.69	150	100	80.23	0.05	0.05	
14687	14738	56.94	150	100	112.38	0.07	0.1	
14688	14739	34.32	150	100	207.06	0.14	0.31	
14689	14740	49.36	150	100	81.50	0.05	0.05	
14690	14741	41.52	150	100	113.86	0.07	0.1	
14691	14742	109.18	150	100	67.18	0.04	0.04	
14692	14743	129.93	150	100	20.10	0.01	0	
14693	14744	55.16	150	100	133.09	0.09	0.13	
14694	14745	17.94	150	100	591.01	0.39	2.13	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
14695	14746	30.23	150	100	111.25	0.07	0.1	
14696	14747	78.27	150	100	24.80	0.02	0.01	
14697	14748	90.67	150	100	65.14	0.04	0.04	
14698	14749	113.22	150	100	65.97	0.04	0.04	
14699	14750	70.62	150	100	241.10	0.16	0.4	
14700	14751	48.79	150	100	255.23	0.17	0.45	
14701	14752	43.95	150	100	297.26	0.19	0.6	
14702	14753	11.89	150	100	327.86	0.21	0.71	
14703	14754	45.01	150	100	230.21	0.15	0.37	
14704	14755	45.97	150	100	106.47	0.07	0.09	
14705	14756	47.6	150	100	155.10	0.1	0.18	
14706	14757	48.28	150	100	227.38	0.15	0.36	
14707	14758	38.85	150	100	241.40	0.16	0.41	
14708	14759	85.42	150	100	64.21	0.04	0.03	
14709	14760	13.37	150	100	137.59	0.09	0.14	
14710	14761	162.74	150	100	54.87	0.04	0.03	
14711	14762	151.54	150	100	4.06	0	0	
14712	14763	148.36	150	100	34.55	0.02	0.01	
14713	14764	129.35	150	100	222.55	0.15	0.35	
14714	14765	113.35	150	100	95.25	0.06	0.07	
14715	14766	78.87	150	100	103.37	0.07	0.08	
14716	14767	13.83	150	100	127.32	0.08	0.12	
14717	14768	59.05	150	100	74.32	0.05	0.05	
14718	14769	205.56	150	100	181.17	0.12	0.24	
14719	14770	77.29	150	100	46.74	0.03	0.02	
14720	14771	149.54	150	100	91.53	0.06	0.07	
14721	14772	35.38	150	100	241.25	0.16	0.4	
14722	14773	30.74	150	100	74.14	0.05	0.05	
14723	14774	34.53	150	100	214.78	0.14	0.33	
14724	14775	50.76	150	100	0.15	0	0	
14725	14776	52.05	150	100	5.24	0	0	
14726	14777	295.32	150	100	67.95	0.04	0.04	
14727	14778	100.48	150	100	157.29	0.1	0.18	
14728	14779	29.98	150	100	34.36	0.02	0.01	
14729	14780	33.8	150	100	32.77	0.02	0.01	
14730	14781	61.84	150	100	146.11	0.1	0.16	
14731	14782	67.27	150	100	128.62	0.08	0.13	
14732	14783	131.21	150	100	96.80	0.06	0.07	
14733	14784	49.86	150	100	287.00	0.19	0.56	
14734	14785	44.55	150	100	223.71	0.15	0.35	
14735	14786	77.39	150	100	93.75	0.06	0.07	
14736	14787	64.74	150	100	65.26	0.04	0.04	
14737	14788	78	150	100	18.54	0.01	0	
14738	14789	53.27	150	100	93.68	0.06	0.07	
14739	14790	13.76	150	100	52.07	0.03	0.02	
14740	14791	85.82	150	100	191.15	0.13	0.26	
14741	14792	8.85	150	100	376.29	0.25	0.92	
14742	14793	238.54	150	100	154.57	0.1	0.18	
14743	14794	102.44	200	100	129.80	0.05	0.03	
14744	14795	49.05	150	100	24.41	0.02	0.01	
14745	14796	47.55	150	100	31.61	0.02	0.01	
14746	14797	121.87	150	100	126.59	0.08	0.12	
14747	14798	116.68	150	100	110.57	0.07	0.1	
14748	14799	157.99	150	100	21.11	0.01	0	
14749	14800	26.45	150	100	101.40	0.07	0.08	
14750	14801	11.76	150	100	84.21	0.06	0.06	
14751	14802	54.65	150	100	66.31	0.04	0.04	
14752	14803	172.11	150	100	271.01	0.18	0.5	
14753	14804	84.71	150	100	7.99	0.01	0	
14754	14805	47.95	150	100	115.44	0.08	0.1	
14755	14806	46.66	150	100	211.85	0.14	0.32	
14756	14807	56.57	150	100	101.85	0.07	0.08	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
14757	14808	61.06	150	100	51.99	0.03	0.02	
14758	14809	51.74	150	100	386.13	0.25	0.97	
14759	14810	97.74	150	100	306.97	0.2	0.63	
14760	14811	150.1	150	100	55.05	0.04	0.03	
14761	14812	171.24	150	100	38.73	0.03	0.01	
14762	14813	6.14	150	100	361.18	0.24	0.85	
14763	14814	79.53	150	100	524.70	0.34	1.71	
14764	14815	2.65	150	100	219.29	0.14	0.34	
14765	14816	119.14	150	100	878.83	0.58	4.44	
14766	14817	23.11	150	100	29.72	0.02	0.01	
14767	14818	87.17	150	100	118.15	0.08	0.11	
14768	14819	13.21	150	100	287.22	0.19	0.56	
14769	14820	109.66	150	100	179.61	0.12	0.23	
14770	14821	127.14	150	100	56.67	0.04	0.03	
14771	14822	211.18	150	100	291.46	0.19	0.57	
14772	14823	7.32	150	100	53.85	0.04	0.03	
14773	14824	53.33	150	100	52.67	0.03	0.02	
14774	14825	80.99	150	100	224.35	0.15	0.35	
14775	14826	76.92	150	100	147.73	0.1	0.16	
14776	14827	146.86	150	100	76.92	0.05	0.05	
14777	14828	209.37	150	100	213.70	0.14	0.32	
14778	14829	137.97	150	100	130.77	0.09	0.13	
14779	14830	59.23	150	100	12.79	0.01	0	
14780	14831	114.23	150	100	35.98	0.02	0.01	
14781	14832	56.51	150	100	59.72	0.04	0.03	
14782	14833	16.31	150	100	1175.42	0.77	7.6	
14783	14834	18.51	150	100	493.24	0.32	1.52	
14784	14835	188.33	150	100	111.93	0.07	0.1	
14785	14836	48.84	150	100	114.11	0.07	0.1	
14786	14837	59.79	150	100	181.68	0.12	0.24	
14787	14838	111.51	150	100	3.19	0	0	
14788	14839	115.53	150	100	133.27	0.09	0.13	
14789	14840	69.27	150	100	112.72	0.07	0.1	
14790	14841	55.2	150	100	1000.74	0.66	5.64	
14791	14842	498.77	150	100	434.75	0.28	1.2	
14792	14843	45.63	150	100	133.54	0.09	0.14	
14793	14844	90.62	150	100	302.89	0.2	0.62	
14794	14845	34.52	150	100	440.35	0.29	1.23	
14795	14846	95.88	150	100	351.27	0.23	0.81	
14796	14847	86.47	150	100	376.83	0.25	0.92	
14797	14848	45.36	150	100	200.88	0.13	0.29	
14798	14849	157.58	150	100	365.82	0.24	0.88	
14799	14850	25.02	150	100	310.68	0.2	0.65	
14800	14851	28.08	150	100	447.93	0.29	1.27	
14801	14852	21.86	150	100	431.12	0.28	1.19	
14802	14853	218.75	150	100	38.02	0.02	0.01	
14803	14854	38.02	150	100	4.64	0	0	
14804	14855	13.47	150	100	8.68	0.01	0	
14805	14856	182.7	150	100	206.66	0.14	0.3	
14806	14857	51.33	150	100	135.12	0.09	0.14	
14807	14858	48.23	150	100	87.53	0.06	0.06	
14808	14859	81.48	150	100	63.47	0.04	0.03	
14809	14860	88.57	150	100	128.67	0.08	0.13	
14810	14861	54.51	150	100	81.54	0.05	0.05	
14811	14862	191.58	150	100	171.65	0.11	0.22	
14812	14863	115.95	150	100	199.13	0.13	0.28	
14813	14864	151.03	150	100	28.50	0.02	0.01	
14814	14865	16.93	150	100	251.37	0.16	0.44	
14815	14866	222.26	150	100	206.21	0.14	0.3	
14816	14867	8.02	150	100	291.19	0.19	0.57	
14817	14868	137.94	150	100	94.56	0.06	0.07	
14818	14869	157.4	150	100	4.84	0	0	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
14819	14870	110.7	150	100	184.04	0.12	0.25	
14820	14871	99.48	150	100	79.58	0.05	0.05	
14821	14872	90.76	150	100	15.38	0.01	0	
14822	14873	57.49	150	100	59.56	0.04	0.03	
14823	14874	38.73	150	100	80.64	0.05	0.05	
14824	14875	51.7	150	100	91.85	0.06	0.07	
14825	14876	248	150	100	194.61	0.13	0.27	
14826	14877	57.92	150	100	438.65	0.29	1.22	
14827	14878	93.58	150	100	242.43	0.16	0.41	
14828	14879	107.68	150	100	6.22	0	0	
14829	14880	49.62	150	100	56.83	0.04	0.03	
14830	14881	101.61	150	100	253.64	0.17	0.44	
14831	14882	71.19	150	100	326.54	0.21	0.71	
14832	14883	60.38	150	100	267.49	0.18	0.49	
14833	14884	106.29	150	100	191.57	0.13	0.26	
14834	14885	366.36	150	100	225.73	0.15	0.36	
14835	14886	39.88	150	100	259.38	0.17	0.46	
14836	14887	101.1	150	100	160.35	0.11	0.19	
14837	14888	78.4	150	100	146.43	0.1	0.16	
14838	14889	114.98	150	100	108.93	0.07	0.09	
14839	14890	103.53	150	100	140.29	0.09	0.15	
14840	14891	85.49	150	100	196.62	0.13	0.28	
14841	14892	75.82	150	100	473.75	0.31	1.41	
14842	14893	103.76	150	100	29.71	0.02	0.01	
14843	14894	64.24	150	100	164.69	0.11	0.2	
14844	14895	15.21	150	100	6.64	0	0	
14845	14896	31.33	150	100	108.36	0.07	0.09	
14846	14897	44.08	150	100	209.86	0.14	0.31	
14847	14898	147.87	150	100	274.33	0.18	0.51	
14848	14899	80.68	150	100	188.92	0.12	0.26	
14849	14900	57.22	150	100	34.30	0.02	0.01	
14850	14901	41.32	150	100	56.97	0.04	0.03	
14851	14902	77.13	150	100	15.59	0.01	0	
14852	14903	13.49	150	100	50.82	0.03	0.02	
14853	14904	93.85	150	100	105.20	0.07	0.09	
14854	14905	87.98	150	100	7.85	0.01	0	
14855	14906	43.96	150	100	174.70	0.11	0.22	
14856	14907	73.22	150	100	43.31	0.03	0.02	
14857	14908	43.5	150	100	124.50	0.08	0.12	
14858	14909	58.99	150	100	114.28	0.07	0.1	
14859	14910	156.28	150	100	170.40	0.11	0.21	
14860	14911	162.42	150	100	48.75	0.03	0.02	
14861	14912	44.54	150	100	223.90	0.15	0.35	
14862	14913	58.22	150	100	144.41	0.09	0.16	
14863	14914	79.25	100	100	44.58	0.07	0.13	
14864	14915	43.45	150	100	96.08	0.06	0.07	
14865	14916	47	150	100	213.61	0.14	0.32	
14866	14917	27.56	150	100	584.43	0.38	2.08	
14867	14918	66.16	150	100	0.00	0	0	
14868	14919	55.83	150	100	1052.61	0.69	6.2	
14869	14920	35.56	150	100	214.88	0.14	0.33	
14870	14921	80.84	150	100	717.60	0.47	3.05	
14871	14922	67.36	150	100	90.12	0.06	0.07	
14872	14923	114.68	150	100	131.57	0.09	0.13	
14873	14924	38.25	150	100	179.93	0.12	0.24	
14874	14925	221.17	150	100	180.94	0.12	0.24	
14875	14926	79.04	150	100	159.71	0.1	0.19	
14876	14927	51.53	150	100	19.58	0.01	0	
14877	14928	51.63	150	100	23.02	0.02	0.01	
14878	14929	69.81	150	100	2.88	0	0	
14879	14930	100.35	150	100	100.96	0.07	0.08	
14880	14931	17.82	150	100	428.03	0.28	1.17	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
14881	14932	52.16	150	100	57.81	0.04	0.03	
14882	14933	100.05	150	100	16.70	0.01	0	
14883	14934	216.72	150	100	170.91	0.11	0.21	
14884	14935	179	150	100	166.15	0.11	0.2	
14885	14936	15.64	150	100	40.97	0.03	0.02	
14886	14937	93.48	150	100	91.97	0.06	0.07	
14887	14938	38.08	150	100	7.05	0	0	
14888	14939	66.64	150	100	103.67	0.07	0.08	
14889	14940	178.84	150	100	74.52	0.05	0.05	
14890	14941	34.32	150	100	177.00	0.12	0.23	
14891	14942	22.07	150	100	147.85	0.1	0.16	
14892	14943	56.61	150	100	224.45	0.15	0.35	
14893	14944	109.79	150	100	382.01	0.25	0.95	
14894	14945	49.98	150	100	172.54	0.11	0.22	
14895	14946	41.6	150	100	124.96	0.08	0.12	
14896	14947	30.92	150	100	112.25	0.07	0.1	
14897	14948	26.42	150	100	15.56	0.01	0	
14898	14949	114.22	150	100	585.64	0.38	2.09	
14899	14950	6.44	150	100	478.16	0.31	1.44	
14900	14951	102.73	150	100	391.30	0.26	0.99	
14901	14952	17.5	150	100	507.89	0.33	1.61	
14902	14953	237.5	150	100	0.00	0	0	
14903	14954	189.79	150	100	412.07	0.27	1.09	
14904	14955	134.03	150	100	376.39	0.25	0.92	
14905	14956	42	150	100	123.01	0.08	0.12	
14906	14957	41.26	150	100	106.81	0.07	0.09	
14907	14958	47.22	150	100	914.22	0.6	4.77	
14908	14959	64.42	150	100	375.88	0.25	0.92	
14909	14960	77.35	150	100	48.32	0.03	0.02	
14910	14961	100.38	150	100	263.84	0.17	0.48	
14911	14962	70.3	150	100	185.86	0.12	0.25	
14912	14963	15.24	150	100	312.16	0.2	0.65	
14913	14964	83.35	150	100	290.68	0.19	0.57	
14914	14965	139.8	150	100	21.22	0.01	0	
14915	14966	10.44	150	100	331.14	0.22	0.73	
14916	14967	317.19	150	100	162.71	0.11	0.2	
14917	14968	67.13	150	100	75.42	0.05	0.05	
14918	14969	63.87	150	100	165.51	0.11	0.2	
14919	14970	46.13	150	100	103.54	0.07	0.08	
14920	14971	84.6	150	100	438.19	0.29	1.22	
14921	14972	62.56	150	100	353.28	0.23	0.82	
14922	14973	92.29	150	100	1078.47	0.71	6.48	
14923	14974	43.15	150	100	157.18	0.1	0.18	
14924	14975	44.03	150	100	930.78	0.61	4.93	
14925	14976	128.08	150	100	293.78	0.19	0.58	
14926	14977	446.09	150	100	25.22	0.02	0.01	
14927	14978	109.87	150	100	72.47	0.05	0.04	
14928	14979	99.7	150	100	346.78	0.23	0.79	
14929	14980	47.18	150	100	68.52	0.04	0.04	
14930	14981	45.05	150	100	0.06	0	0	
14931	14982	66.36	150	100	219.34	0.14	0.34	
14932	14983	87.74	150	100	197.74	0.13	0.28	
14933	14984	86.57	150	100	214.02	0.14	0.32	
14934	14985	33.09	150	100	412.16	0.27	1.09	
14935	14986	330.17	150	100	102.81	0.07	0.08	
14936	14987	176.62	150	100	204.38	0.13	0.3	
14937	14988	61.34	150	100	29.95	0.02	0.01	
14938	14989	82.06	150	100	76.04	0.05	0.05	
14939	14990	62.63	150	100	73.50	0.05	0.04	
14940	14991	60.92	150	100	112.86	0.07	0.1	
14941	14992	54.34	150	100	75.48	0.05	0.05	
14942	14993	105.44	150	100	510.28	0.33	1.62	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
14943	14994	34.79	150	100	129.78	0.09	0.13	
14944	14995	66.48	150	100	113.04	0.07	0.1	
14945	14996	41.28	150	100	124.50	0.08	0.12	
14946	14997	22.09	150	100	169.57	0.11	0.21	
14947	14998	52.66	150	100	2.94	0	0	
14948	14999	99.3	150	100	104.33	0.07	0.09	
14949	15000	87.13	150	100	136.87	0.09	0.14	
14950	15001	116.96	150	100	224.32	0.15	0.35	
14951	15002	234.78	150	100	322.35	0.21	0.69	
14952	15003	72.01	150	100	33.64	0.02	0.01	
14953	15004	63.96	150	100	14.60	0.01	0	
14954	15005	69.24	150	100	31.78	0.02	0.01	
14955	15006	66.09	150	100	55.53	0.04	0.03	
14956	15007	302.03	100	100	0.78	0	0	
14957	15008	102.52	150	100	27.65	0.02	0.01	
14958	15009	64.19	150	100	35.05	0.02	0.01	
14959	15010	62.74	150	100	108.80	0.07	0.09	
14960	15011	62.4	150	100	341.03	0.22	0.77	
14961	15012	100.19	150	100	80.42	0.05	0.05	
14962	15013	129.17	150	100	245.68	0.16	0.42	
14963	15014	196.76	150	100	72.76	0.05	0.04	
14964	15015	24.63	150	100	400.83	0.26	1.04	
14965	15016	152.71	150	100	171.23	0.11	0.21	
14966	15017	80.32	150	100	292.33	0.19	0.58	
14967	15018	211.55	150	100	162.89	0.11	0.2	
14968	15019	187.54	150	100	262.30	0.17	0.47	
14969	15020	129.29	150	100	180.66	0.12	0.24	
14970	15021	113.21	150	100	706.01	0.46	2.96	
14971	15022	80.61	150	100	162.32	0.11	0.19	
14972	15023	34.45	150	100	296.36	0.19	0.59	
14973	15024	55.54	150	100	345.04	0.23	0.79	
14974	15025	4.8	150	100	229.70	0.15	0.37	
14975	15026	194.93	150	100	898.60	0.59	4.62	
14976	15027	94.34	150	100	563.24	0.37	1.95	
14977	15028	82.75	150	100	724.47	0.47	3.1	
14978	15029	134.83	150	100	683.56	0.45	2.79	
14979	15030	79.69	150	100	663.94	0.43	2.64	
14980	15031	136.94	150	100	73.18	0.05	0.04	
14981	15032	42	150	100	1.17	0	0	
14982	15033	39.37	150	100	62.75	0.04	0.03	
14983	15034	109.54	150	100	1699.99	1.11	15.05	
14984	15035	73.56	150	100	99.40	0.07	0.08	
14985	15036	61.86	150	100	51.44	0.03	0.02	
14986	15037	39.81	150	100	42.63	0.03	0.02	
14987	15038	53.1	150	100	95.05	0.06	0.07	
14988	15039	149.26	150	100	20.84	0.01	0	
14989	15040	146.8	150	100	147.93	0.1	0.16	
14990	15041	68.91	150	100	52.23	0.03	0.02	
14991	15042	18.26	150	100	0.00	0	0	
14992	15043	75.35	150	100	366.83	0.24	0.88	
14993	15044	182.43	150	100	77.86	0.05	0.05	
14994	15045	27.03	150	100	221.65	0.15	0.35	
14995	15046	43.57	150	100	329.43	0.22	0.72	
14996	15047	16.45	150	100	386.34	0.25	0.97	
14997	15048	43.35	150	100	169.26	0.11	0.21	
14998	15049	117.05	150	100	136.91	0.09	0.14	
14999	15050	41.8	150	100	509.58	0.33	1.62	
15000	15051	12.34	150	100	567.25	0.37	1.97	
15001	15052	58.2	150	100	430.08	0.28	1.18	
15002	15053	64.43	150	100	16.09	0.01	0	
15003	15054	53.61	150	100	53.16	0.03	0.02	
15004	15055	63.98	150	100	425.36	0.28	1.16	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
15005	15056	156.95	150	100	82.09	0.05	0.05	
15006	15057	234.57	150	100	827.11	0.54	3.96	
15007	15058	72.71	150	100	5.83	0	0	
15008	15059	52.68	150	100	134.52	0.09	0.14	
15009	15060	57.58	150	100	129.70	0.08	0.13	
15010	15061	37.96	150	100	174.37	0.11	0.22	
15011	15062	144.3	150	100	67.70	0.04	0.04	
15012	15063	77.42	150	100	214.27	0.14	0.32	
15013	15064	865.31	150	100	132.34	0.09	0.13	
15014	15065	56.82	150	100	201.80	0.13	0.29	
15015	15066	148.58	150	100	20.61	0.01	0	
15016	15067	4.52	150	100	0.00	0	0	
15017	15068	161.68	150	100	89.39	0.06	0.06	
15018	15069	154.52	150	100	154.34	0.1	0.18	
15019	15070	155.5	150	100	138.27	0.09	0.14	
15020	15071	208.35	150	100	51.73	0.03	0.02	
15021	15072	60.67	150	100	206.65	0.14	0.3	
15022	15073	60.47	150	100	260.08	0.17	0.47	
15023	15074	120.32	150	100	283.76	0.19	0.55	
15024	15075	67.97	150	100	79.56	0.05	0.05	
15025	15076	111.31	150	100	83.86	0.05	0.06	
15026	15077	71.18	150	100	50.72	0.03	0.02	
15027	15078	54.56	150	100	22.65	0.01	0	
15028	15079	90.98	150	100	221.72	0.15	0.35	
15029	15080	16.23	150	100	119.89	0.08	0.11	
15030	15081	29.44	150	100	540.66	0.35	1.8	
15031	15082	107.18	150	100	346.68	0.23	0.79	
15032	15083	159.58	150	100	9.53	0.01	0	
15033	15084	139.98	150	100	115.82	0.08	0.1	
15034	15085	207.98	150	100	15.54	0.01	0	
15035	15086	75.67	150	100	2258.12	1.48	25.47	
15036	15087	36.93	150	100	726.91	0.48	3.12	
15037	15088	55.39	150	100	1780.74	1.17	16.4	
15038	15089	70.86	150	100	715.31	0.47	3.03	
15039	15090	113.35	150	100	317.45	0.21	0.67	
15040	15091	145.8	150	100	29.56	0.02	0.01	
15041	15092	11.29	150	100	245.76	0.16	0.42	
15042	15093	37.09	150	100	121.93	0.08	0.11	
15043	15094	91.54	150	100	228.16	0.15	0.37	
15044	15095	120.11	150	100	202.03	0.13	0.29	
15045	15096	59.5	150	100	0.00	0	0	
15046	15097	182.15	150	100	193.87	0.13	0.27	
15047	15098	80.94	150	100	9.28	0.01	0	
15048	15099	42.69	150	100	4.63	0	0	
15049	15100	17.38	150	100	166.17	0.11	0.2	
15050	15101	60.86	150	100	71.05	0.05	0.04	
15051	15102	93.36	150	100	27.40	0.02	0.01	
15052	15103	39.92	150	100	45.05	0.03	0.02	
15053	15104	72.18	150	100	64.54	0.04	0.04	
15054	15105	37.93	150	100	3.27	0	0	
15055	15106	122.73	150	100	105.15	0.07	0.09	
15056	15107	49.36	150	100	56.33	0.04	0.03	
15057	15108	46.82	150	100	107.63	0.07	0.09	
15058	15109	59.68	150	100	289.71	0.19	0.57	
15059	15110	43.37	150	100	255.16	0.17	0.45	
15060	15111	168.64	150	100	110.55	0.07	0.1	
15061	15112	200.61	150	100	32.03	0.02	0.01	
15062	15113	29.87	150	100	75.38	0.05	0.05	
15063	15114	83.42	150	100	157.61	0.1	0.18	
15064	15115	116.71	150	100	118.99	0.08	0.11	
15065	15116	102.95	150	100	54.35	0.04	0.03	
15066	15117	190.59	150	100	60.70	0.04	0.03	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
15067	15118	72.58	150	100	52.49	0.03	0.02	
15068	15119	41.45	150	100	60.47	0.04	0.03	
15069	15120	56.15	150	100	812.90	0.53	3.84	
15070	15121	151.73	150	100	420.41	0.28	1.13	
15071	15122	177.93	150	100	63.40	0.04	0.03	
15072	15123	13.71	150	100	0.00	0	0	
15073	15124	149	150	100	11.78	0.01	0	
15074	15125	21.54	150	100	35.61	0.02	0.01	
15075	15126	189.71	150	100	41.62	0.03	0.02	
15076	15127	65.27	150	100	250.50	0.16	0.43	
15077	15128	42.34	150	100	234.13	0.15	0.38	
15078	15129	60.1	150	100	164.08	0.11	0.2	
15079	15130	46.71	150	100	89.43	0.06	0.06	
15080	15131	49.91	150	100	14.46	0.01	0	
15081	15132	66.24	150	100	145.18	0.1	0.16	
15082	15133	180.37	150	100	201.66	0.13	0.29	
15083	15134	112.84	150	100	217.56	0.14	0.33	
15084	15135	192.74	200	100	479.57	0.18	0.36	
15085	15136	239.95	150	100	3.12	0	0	
15086	15137	182.45	150	100	12.46	0.01	0	
15087	15138	186.82	150	100	54.92	0.04	0.03	
15088	15139	91.69	150	100	138.67	0.09	0.15	
15089	15140	85.32	150	100	83.80	0.05	0.06	
15090	15141	84.83	150	100	251.59	0.16	0.44	
15091	15142	52.59	150	100	29.00	0.02	0.01	
15092	15143	176.62	150	100	65.60	0.04	0.04	
15093	15144	86.7	150	100	7.40	0	0	
15094	15145	103.9	150	100	45.74	0.03	0.02	
15095	15146	132.81	150	100	119.33	0.08	0.11	
15096	15147	108.49	150	100	117.57	0.08	0.11	
15097	15148	123.32	150	100	546.78	0.36	1.84	
15098	15149	88.24	150	100	167.10	0.11	0.21	
15099	15150	126.04	150	100	214.92	0.14	0.33	
15100	15151	171.64	150	100	16.39	0.01	0	
15101	15152	111.48	150	100	138.25	0.09	0.14	
15102	15153	40.06	150	100	251.84	0.16	0.44	
15103	15154	97.3	150	100	6.68	0	0	
15104	15155	49.84	150	100	287.05	0.19	0.56	
15105	15156	140.97	150	100	15.54	0.01	0	
15106	15157	34.04	150	100	481.58	0.32	1.46	
15107	15158	55.54	150	100	208.61	0.14	0.31	
15108	15159	139.36	150	100	47.11	0.03	0.02	
15109	15160	301.9	150	100	29.09	0.02	0.01	
15110	15161	242.59	150	100	246.68	0.16	0.42	
15111	15162	51.21	150	100	523.67	0.34	1.7	
15112	15163	9.09	150	100	488.68	0.32	1.5	
15113	15164	10.74	150	100	390.24	0.26	0.99	
15114	15165	99.1	150	100	70.88	0.05	0.04	
15115	15166	373.25	150	100	22.18	0.01	0	
15116	15167	13.37	150	100	337.38	0.22	0.75	
15117	15168	68.12	150	100	260.85	0.17	0.47	
15118	15169	55.54	150	100	223.36	0.15	0.35	
15119	15170	89.28	150	100	15.74	0.01	0	
15120	15171	29.12	150	100	77.69	0.05	0.05	
15121	15172	77.97	150	100	326.96	0.21	0.71	
15122	15173	66.26	150	100	64.40	0.04	0.04	
15123	15174	66.3	150	100	1.48	0	0	
15124	15175	85.06	150	100	11.24	0.01	0	
15125	15176	13.77	150	100	957.49	0.63	5.2	
15126	15177	114.89	150	100	61.94	0.04	0.03	
15127	15178	122.74	150	100	285.93	0.19	0.55	
15128	15179	70.93	150	100	5.37	0	0	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
15129	15180	29.79	150	100	159.14	0.1	0.19	
15130	15181	41.72	150	100	74.06	0.05	0.05	
15131	15182	5.29	150	100	894.74	0.59	4.59	
15132	15183	108.86	150	100	706.72	0.46	2.96	
15133	15184	95.94	150	100	610.44	0.4	2.26	
15134	15185	53.56	150	100	58.02	0.04	0.03	
15135	15186	55.22	150	100	121.21	0.08	0.11	
15136	15187	87.45	150	100	192.32	0.13	0.27	
15137	15188	47.05	150	100	3.99	0	0	
15138	15189	104.34	150	100	239.37	0.16	0.4	
15139	15190	197.71	150	100	103.01	0.07	0.08	
15140	15191	38.9	150	100	258.56	0.17	0.46	
15141	15192	184.44	150	100	395.18	0.26	1.01	
15142	15193	90.32	150	100	621.55	0.41	2.34	
15143	15194	43.98	150	100	174.34	0.11	0.22	
15144	15195	128.7	150	100	705.58	0.46	2.95	
15145	15196	284.16	150	100	407.41	0.27	1.07	
15146	15197	22.75	150	100	875.84	0.57	4.41	
15147	15198	25.42	150	100	134.09	0.09	0.14	
15148	15199	68	150	100	101.82	0.07	0.08	
15149	15200	127.71	150	100	9.00	0.01	0	
15150	15201	127.53	150	100	6.67	0	0	
15151	15202	16.07	150	100	399.36	0.26	1.03	
15152	15203	107.79	150	100	166.80	0.11	0.2	
15153	15204	29.49	150	100	371.41	0.24	0.9	
15154	15205	17.48	150	100	0.00	0	0	
15155	15206	92.25	150	100	171.47	0.11	0.22	
15156	15207	63.56	150	100	213.35	0.14	0.32	
15157	15208	24.95	150	100	137.10	0.09	0.14	
15158	15209	36.75	150	100	8.26	0.01	0	
15159	15210	37.19	150	100	322.48	0.21	0.69	
15160	15211	141	150	100	1456.46	0.95	11.31	
15161	15212	171.7	150	100	202.88	0.13	0.29	
15162	15213	47.14	150	100	714.62	0.47	3.02	
15163	15214	208.63	150	100	252.14	0.17	0.44	
15164	15215	49.93	150	100	22.96	0.02	0.01	
15165	15216	45.75	150	100	402.26	0.26	1.04	
15166	15217	41.32	150	100	84.29	0.06	0.06	
15167	15218	144.82	150	100	307.15	0.2	0.63	
15168	15219	46.83	150	100	59.01	0.04	0.03	
15169	15220	261.72	150	100	69.14	0.05	0.04	
15170	15221	1819.2	150	100	132.33	0.09	0.13	
15171	15222	439.8	150	100	73.05	0.05	0.04	
15172	15223	165.92	150	100	763.23	0.5	3.42	
15173	15224	157.29	150	100	5.21	0	0	
15174	15225	338.28	150	100	2085.85	1.37	21.99	
15175	15226	70.41	150	100	436.44	0.29	1.21	
15176	15227	67.56	100	100	60.95	0.09	0.23	
15177	15228	485.01	100	100	51.02	0.08	0.16	
15178	15229	103.34	100	100	109.19	0.16	0.67	
15179	15230	986.27	100	100	29.75	0.04	0.06	
15180	15231	233.67	100	100	8.17	0.01	0.01	
15181	15232	54.57	100	100	56.98	0.08	0.2	
15182	15233	49.67	100	100	113.94	0.17	0.73	
15183	15234	48.25	100	100	40.46	0.06	0.11	
15184	15235	108.3	100	100	44.35	0.07	0.13	
15185	15236	42.73	100	100	40.78	0.06	0.11	
15186	15237	46.48	100	100	66.72	0.1	0.27	
15187	15238	39.39	100	100	4.46	0.01	0	
15188	15239	79.82	100	100	51.47	0.08	0.12	
15189	15240	44.67	100	100	41.74	0.06	0.11	
15190	15241	37.9	100	100	0.09	0	0	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
15191	15242	95.95	100	100	44.15	0.07	0.13	
15192	15243	60.71	100	100	31.59	0.05	0.07	
15193	15244	147.39	100	100	14.01	0.02	0.01	
15194	15245	112.8	100	100	34.36	0.05	0.08	
15195	15246	47.35	100	100	27.29	0.04	0.05	
15196	15247	107.13	100	100	42.94	0.06	0.12	
15197	15248	57.72	100	100	50.16	0.07	0.16	
15198	15249	181.98	100	100	51.53	0.08	0.17	
15199	15250	67.68	100	100	76.38	0.11	0.35	
15200	15251	7.29	100	100	70.36	0.1	0.3	
15201	15252	50.3	100	100	30.64	0.05	0.06	
15202	15253	62.37	100	100	91.37	0.13	0.48	
15203	15254	115.94	100	100	4.44	0.01	0	
15204	15255	49.31	100	100	55.14	0.08	0.19	
15205	15256	176.18	100	100	75.10	0.11	0.34	
15206	15257	158.88	100	100	36.07	0.05	0.09	
15207	15258	169.8	100	100	11.04	0.02	0.01	
15208	15259	123.4	100	100	108.02	0.16	0.66	
15209	15260	50.7	100	100	21.62	0.03	0.03	
15210	15261	81.78	100	100	29.90	0.04	0.06	
15211	15262	169.82	100	100	45.33	0.07	0.13	
15212	15263	33.95	100	100	40.51	0.06	0.11	
15213	15264	274.95	100	100	142.51	0.21	1.1	
15214	15265	53.29	100	100	53.98	0.08	0.18	
15215	15266	178.27	100	100	19.63	0.03	0.03	
15216	15267	114.49	100	100	17.21	0.03	0.02	
15217	15268	46.64	100	100	92.18	0.14	0.49	
15218	15269	98.09	100	100	10.07	0.01	0.01	
15219	15270	44.5	100	100	504.14	0.74	11.42	
15220	15271	8.8	100	100	20.34	0.03	0.03	
15221	15272	204.75	100	100	23.04	0.03	0.04	
15222	15273	33.49	100	100	43.75	0.06	0.12	
15223	15274	36.79	100	100	36.37	0.05	0.09	
15224	15275	148	100	100	1.38	0	0	
15225	15276	33.75	100	100	12.84	0.02	0.01	
15226	15277	204.54	100	100	16.99	0.03	0.02	
15227	15278	155.12	100	100	132.82	0.2	0.97	
15228	15279	72.77	100	100	9.93	0.01	0.01	
15229	15280	35.66	100	100	11.00	0.02	0.01	
15230	15281	46.42	100	100	8.26	0.01	0.01	
15231	15282	32.82	100	100	467.87	0.69	9.95	
15232	15283	50.83	100	100	86.98	0.13	0.44	
15233	15284	53.29	100	100	37.11	0.05	0.09	
15234	15285	66.79	100	100	123.86	0.18	0.85	
15235	15286	63.13	100	100	133.61	0.2	0.98	
15236	15287	102.68	100	100	50.40	0.07	0.16	
15237	15288	68.74	100	100	52.19	0.08	0.17	
15238	15289	70.6	100	100	94.64	0.14	0.51	
15239	15290	344.68	100	100	64.78	0.1	0.26	
15240	15291	135.8	100	100	37.23	0.05	0.09	
15241	15292	53.49	100	100	61.16	0.09	0.23	
15242	15293	177.71	100	100	240.49	0.35	2.9	
15243	15294	87.66	100	100	251.42	0.37	3.15	
15244	15295	66.35	100	100	0.00	0	0	
15245	15296	77.11	100	100	30.10	0.04	0.06	
15246	15297	244.54	100	100	0.30	0	0	
15247	15298	187.92	100	100	25.55	0.04	0.05	
15248	15299	369.75	100	100	1.12	0	0	
15249	15300	114.23	100	100	27.90	0.04	0.05	
15250	15301	54.55	100	100	75.45	0.11	0.34	
15251	15302	93.56	100	100	42.53	0.06	0.12	
15252	15303	55.21	100	100	191.81	0.28	1.91	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
15253	15304	165.32	100	100	52.08	0.08	0.17	
15254	15305	44.38	100	100	243.85	0.36	2.98	
15255	15306	43.25	100	100	169.55	0.25	1.52	
15256	15307	92.99	100	100	40.66	0.06	0.11	
15257	15308	243.21	100	100	56.94	0.08	0.2	
15258	15309	105.56	100	100	102.49	0.15	0.6	
15259	15310	104.7	100	100	33.67	0.05	0.08	
15260	15311	42.91	100	100	42.37	0.06	0.12	
15261	15312	170.52	100	100	19.63	0.03	0.03	
15262	15313	702.3	100	100	70.14	0.1	0.3	
15263	15314	896.42	100	100	26.24	0.04	0.05	
15264	15315	141.97	100	100	83.23	0.12	0.41	
15265	15316	45.34	100	100	39.00	0.06	0.1	
15266	15317	46.72	100	100	188.78	0.28	1.85	
15267	15318	43.84	100	100	109.43	0.16	0.67	
15268	15319	83.48	100	100	49.88	0.07	0.16	
15269	15320	87.61	100	100	75.61	0.11	0.34	
15270	15321	67.45	100	100	38.21	0.06	0.1	
15271	15322	68.63	100	100	118.99	0.18	0.79	
15272	15323	47.66	100	100	3.60	0.01	0	
15273	15324	26.71	100	100	45.60	0.07	0.13	
15274	15325	62.24	100	100	338.45	0.5	5.46	
15275	15326	58.13	100	100	13.12	0.02	0.01	
15276	15327	78.77	100	100	546.52	0.81	13.26	
15277	15328	20.44	100	100	123.86	0.18	0.85	
15278	15329	71.15	100	100	46.31	0.07	0.14	
15279	15330	108.18	100	100	100.82	0.15	0.58	
15280	15331	94.53	100	100	41.13	0.06	0.11	
15281	15332	45.52	100	100	50.99	0.08	0.16	
15282	15333	41.88	100	100	22.75	0.03	0.04	
15283	15334	94.1	100	100	114.36	0.17	0.73	
15284	15335	92.9	100	100	140.49	0.21	1.07	
15285	15336	94.14	100	100	73.89	0.11	0.33	
15286	15337	95.2	100	100	41.86	0.06	0.11	
15287	15338	93.16	100	100	200.56	0.3	2.07	
15288	15339	25.75	100	100	142.40	0.21	1.1	
15289	15340	27.9	100	100	70.60	0.1	0.3	
15290	15341	121.22	100	100	165.67	0.24	1.45	
15291	15342	90.96	100	100	137.17	0.2	1.03	
15292	15343	64.76	100	100	13.77	0.02	0.01	
15293	15344	488.88	100	100	8.98	0.01	0.01	
15294	15345	93.47	100	100	134.90	0.2	0.99	
15295	15346	140.52	100	100	0.77	0	0	
15296	15347	45.97	100	100	99.11	0.15	0.56	
15297	15348	55.81	100	100	23.90	0.04	0.04	
15298	15349	64.34	100	100	9.94	0.01	0.01	
15299	15350	54.94	100	100	85.44	0.13	0.43	
15300	15351	73.82	100	100	4.14	0.01	0	
15301	15352	280.33	100	100	623.85	0.92	16.95	
15302	15353	62.61	100	100	73.39	0.11	0.32	
15303	15354	139.55	100	100	4.98	0.01	0	
15304	15355	183.44	100	100	17.92	0.03	0.02	
15305	15356	42.78	100	100	120.27	0.18	0.8	
15306	15357	62.06	100	100	51.55	0.08	0.17	
15307	15358	93.7	100	100	39.95	0.06	0.1	
15308	15359	64.73	100	100	17.34	0.03	0.02	
15309	15360	94.95	100	100	27.88	0.04	0.05	
15310	15361	95.25	100	100	34.16	0.05	0.08	
15311	15362	100.99	100	100	71.05	0.1	0.3	
15312	15363	62.87	100	100	26.04	0.04	0.05	
15313	15364	94.78	100	100	30.79	0.05	0.06	
15314	15365	110.3	100	100	64.56	0.1	0.25	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
15315	15366	143.78	100	100	127.65	0.19	0.9	
15316	15367	40.83	100	100	602.94	0.89	15.91	
15317	15368	69.45	100	100	67.67	0.1	0.28	
15318	15369	100.63	100	100	38.49	0.06	0.1	
15319	15370	73.75	100	100	11.06	0.02	0.01	
15320	15371	43.14	100	100	112.33	0.17	0.71	
15321	15372	91.89	100	100	41.05	0.06	0.11	
15322	15373	329.14	100	100	16.26	0.02	0.02	
15323	15374	236.28	80	100	2.08	0	0	
15324	15375	115.46	100	100	35.49	0.05	0.08	
15325	15376	36.16	100	100	42.15	0.06	0.12	
15326	15377	35.94	100	100	59.37	0.09	0.22	
15327	15378	11.03	100	100	108.46	0.16	0.66	
15328	15379	38.77	100	100	132.09	0.19	0.96	
15329	15380	38.92	100	100	63.68	0.09	0.25	
15330	15381	26.96	100	100	75.41	0.11	0.34	
15331	15382	33.03	100	100	166.06	0.24	1.46	
15332	15383	76.15	100	100	41.11	0.06	0.11	
15333	15384	112.63	150	100	11.51	0.01	0	
15334	15385	162.09	100	100	7.37	0.01	0	
15335	15386	93.75	100	100	94.11	0.14	0.51	
15336	15387	43.58	100	100	64.91	0.1	0.26	
15337	15388	262.7	100	100	69.47	0.1	0.29	
15338	15389	71.18	100	100	17.56	0.03	0.02	
15339	15390	178.68	100	100	12.43	0.02	0.01	
15340	15391	116.1	100	100	33.44	0.05	0.08	
15341	15392	79.2	100	100	364.70	0.54	6.27	
15342	15393	54.54	100	100	263.70	0.39	3.44	
15343	15394	36.71	100	100	196.34	0.29	1.99	
15344	15395	114.39	100	100	326.22	0.48	5.1	
15345	15396	134.1	100	100	116.04	0.17	0.75	
15346	15397	92.83	100	100	360.08	0.53	6.12	
15347	15398	111.07	100	100	1446.31	2.13	80.43	
15348	15399	37.79	100	100	366.73	0.54	6.34	
15349	15400	127.33	100	100	2.61	0	0	
15350	16689	58.18	100	100	0.30	0	0	
15351	15401	34.95	100	100	323.69	0.48	5.03	
15352	15402	52.17	100	100	231.25	0.34	2.7	
15353	15403	38.88	100	100	318.15	0.47	4.87	
15354	15404	39.25	100	100	309.15	0.46	4.62	
15355	15405	40.4	100	100	102.13	0.15	0.59	
15356	15406	202.21	100	100	37.71	0.06	0.09	
15357	15407	84.97	100	100	33.04	0.05	0.07	
15358	15408	171.08	100	100	103.64	0.15	0.61	
15359	15409	252.42	100	100	10.98	0.02	0.01	
15360	15410	45.06	100	100	26.81	0.04	0.05	
15361	15411	91.52	100	100	19.68	0.03	0.03	
15362	15412	77.36	100	100	31.19	0.05	0.07	
15363	15413	30.69	100	100	65.52	0.1	0.26	
15364	15414	32.28	100	100	33.12	0.05	0.07	
15365	15415	45.08	100	100	74.03	0.11	0.33	
15366	15416	42.65	100	100	106.38	0.16	0.64	
15367	15417	63.13	100	100	37.35	0.06	0.09	
15368	15418	44.06	100	100	2.00	0	0	
15369	15419	27.98	100	100	18.05	0.03	0.02	
15370	15420	584.11	100	100	19.66	0.03	0.03	
15371	15421	44.45	100	100	14.07	0.02	0.02	
15372	15422	55.22	100	100	29.38	0.04	0.06	
15373	15423	53.51	100	100	54.75	0.08	0.19	
15374	15424	54.81	100	100	7.16	0.01	0	
15375	15425	57.52	100	100	26.25	0.04	0.05	
15376	15426	58.43	100	100	48.20	0.07	0.15	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
15377	15427	22.57	100	100	50.95	0.08	0.16	
15378	15428	47.86	100	100	109.91	0.16	0.68	
15379	15429	46.52	100	100	163.96	0.24	1.43	
15380	15430	84.08	100	100	54.16	0.08	0.18	
15381	15431	49.42	100	100	35.23	0.05	0.08	
15382	15432	84.71	100	100	36.16	0.05	0.09	
15383	15433	39.19	100	100	42.38	0.06	0.12	
15384	15434	146.22	100	100	455.43	0.67	9.46	
15385	15435	38.91	100	100	33.11	0.05	0.07	
15386	15436	15.44	100	100	24.17	0.04	0.04	
15387	15437	56.38	100	100	79.52	0.12	0.37	
15388	15438	117.67	100	100	163.95	0.24	1.43	
15389	15439	106.11	100	100	42.11	0.06	0.12	
15390	15440	176.9	100	100	344.14	0.51	5.63	
15391	15441	79.19	100	100	8.83	0.01	0.01	
15392	15442	51.65	100	100	35.36	0.05	0.08	
15393	15443	19.56	100	100	69.79	0.1	0.29	
15394	15444	22.63	100	100	41.40	0.06	0.11	
15395	15445	68.23	100	100	3.53	0.01	0	
15396	15446	31.52	100	100	40.18	0.06	0.11	
15397	15447	128.75	100	100	78.33	0.12	0.36	
15398	15448	132.23	100	100	2.42	0	0	
15399	15449	99.69	100	100	318.89	0.47	4.89	
15400	15450	188.95	100	100	14.67	0.02	0.02	
15401	15451	52.52	100	100	24.66	0.04	0.04	
15402	15452	23.39	100	100	24.01	0.04	0.04	
15403	15453	15.86	100	100	4.20	0.01	0	
15404	15454	82.09	100	100	31.23	0.05	0.06	
15405	15455	75.8	100	100	17.49	0.03	0.02	
15406	15456	42.87	100	100	41.28	0.06	0.11	
15407	15457	99.87	100	100	57.79	0.09	0.21	
15408	15458	148.34	100	100	91.72	0.14	0.49	
15409	15459	43.31	100	100	155.36	0.23	1.29	
15410	15460	160.37	100	100	1.70	0	0	
15411	15461	137.11	100	100	228.17	0.34	2.63	
15412	15462	210.4	80	100	19.78	0.05	0.08	
15413	15463	40.62	100	100	93.68	0.14	0.51	
15414	15464	69.63	100	100	244.97	0.36	3	
15415	15465	184.62	100	100	111.39	0.16	0.7	
15416	15466	149.08	100	100	122.12	0.18	0.83	
15417	15467	86.04	100	100	70.88	0.1	0.3	
15418	15468	113.85	100	100	20.38	0.03	0.03	
15419	15469	154.88	100	100	14.66	0.02	0.02	
15420	15470	113.85	100	100	105.11	0.15	0.63	
15421	15471	134.28	100	100	92.56	0.14	0.49	
15422	15472	64.74	100	100	103.55	0.15	0.61	
15423	15473	120.01	100	100	112.91	0.17	0.71	
15424	15474	87.2	100	100	6.96	0.01	0	
15425	15475	112.19	100	100	48.51	0.07	0.15	
15426	15476	126.97	100	100	4.58	0.01	0	
15427	15477	65.03	100	100	7.75	0.01	0.01	
15428	15478	138.88	100	100	24.00	0.04	0.04	
15429	15479	44.53	100	100	24.93	0.04	0.04	
15430	15480	118.16	100	100	16.78	0.02	0.02	
15431	15481	20.99	100	100	19.41	0.03	0.03	
15432	15482	48.68	100	100	48.52	0.07	0.15	
15433	15483	83.77	100	100	66.34	0.1	0.27	
15434	15484	102.79	100	100	22.18	0.03	0.04	
15435	15485	50.35	100	100	36.23	0.05	0.09	
15436	15486	166.67	100	100	7.27	0.01	0	
15437	15487	194.18	100	100	19.57	0.03	0.03	
15438	15488	132.72	100	100	78.61	0.12	0.37	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
15439	15489	192.62	100	100	11.83	0.02	0.01	
15440	15490	12.32	100	100	0.30	0	0	
15441	15491	106.61	100	100	31.54	0.05	0.07	
15442	15492	68.48	100	100	53.89	0.08	0.18	
15443	15493	17.31	100	100	120.64	0.18	0.81	
15444	15494	165.1	100	100	19.19	0.03	0.03	
15445	15495	45.67	100	100	44.31	0.07	0.13	
15446	15496	34.79	100	100	28.86	0.04	0.06	
15447	15497	20.91	100	100	6.07	0.01	0	
15448	15498	73.3	100	100	73.19	0.11	0.32	
15449	15499	106.67	100	100	11.54	0.02	0.01	
15450	15500	45.46	100	100	14.34	0.02	0.02	
15451	15501	63.43	100	100	113.10	0.17	0.72	
15452	15502	62.47	100	100	41.76	0.06	0.11	
15453	15503	135.55	100	100	46.93	0.07	0.14	
15454	15504	82.41	100	100	11.27	0.02	0.01	
15455	15505	192.6	100	100	2.24	0	0	
15456	15506	122.55	100	100	3.81	0.01	0	
15457	15507	26.9	100	100	152.30	0.22	1.24	
15458	15508	33.76	100	100	154.92	0.23	1.28	
15459	15509	41.1	100	100	238.83	0.35	2.86	
15460	15510	49.77	100	100	18.12	0.03	0.02	
15461	15511	123.91	100	100	10.13	0.01	0.01	
15462	15512	124.85	100	100	54.83	0.08	0.19	
15463	15513	55.73	100	100	45.12	0.07	0.13	
15464	15514	127.39	100	100	24.81	0.04	0.04	
15465	15515	97.54	100	100	21.76	0.03	0.03	
15466	15516	51.67	100	100	71.08	0.1	0.3	
15467	15517	93.46	100	100	25.43	0.04	0.05	
15468	15518	171.86	100	100	5.85	0.01	0	
15469	15519	12.07	200	100	543.12	0.2	0.45	
15470	15520	386.9	100	100	3.76	0.01	0	
15471	15521	20.8	100	100	10.88	0.02	0.01	
15472	15522	138.17	100	100	27.56	0.04	0.05	
15473	15523	44.11	100	100	28.46	0.04	0.06	
15474	15524	135.48	100	100	582.22	0.86	14.91	
15475	15525	9.22	100	100	341.81	0.5	5.56	
15476	15526	114.94	100	100	97.97	0.14	0.55	
15477	15527	48.51	100	100	27.39	0.04	0.05	
15478	15528	83.3	100	100	41.20	0.06	0.11	
15479	15529	65.84	100	100	48.96	0.07	0.15	
15480	15530	102.56	100	100	34.54	0.05	0.08	
15481	15531	56.76	100	100	70.51	0.1	0.3	
15482	15532	64.5	100	100	252.46	0.37	3.17	
15483	15533	124.76	100	100	22.13	0.03	0.03	
15484	15534	39.99	100	100	29.37	0.04	0.06	
15485	15535	53.72	100	100	47.58	0.07	0.14	
15486	15536	52.63	100	100	16.40	0.02	0.02	
15487	15537	47.97	100	100	4.00	0.01	0	
15488	15538	108.27	100	100	30.55	0.05	0.06	
15489	15539	86.64	100	100	45.45	0.07	0.13	
15490	15540	564.33	100	100	479.09	0.71	10.39	
15491	15541	58.8	100	100	40.84	0.06	0.11	
15492	15542	66.59	100	100	83.68	0.12	0.41	
15493	15543	108.15	80	100	16.40	0.04	0.06	
15494	15544	142.25	100	100	59.52	0.09	0.22	
15495	15545	107.69	100	100	31.31	0.05	0.07	
15496	15546	51.21	100	100	84.71	0.12	0.42	
15497	15547	44.07	100	100	74.69	0.11	0.33	
15498	15548	52.14	100	100	29.72	0.04	0.06	
15499	15549	53.66	100	100	15.97	0.02	0.02	
15500	15550	107.16	100	100	92.55	0.14	0.49	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
15501	15551	83.17	100	100	21.59	0.03	0.03	
15502	15552	33.6	100	100	71.58	0.11	0.31	
15503	15553	48.7	100	100	68.61	0.1	0.28	
15504	15554	185.55	100	100	23.33	0.03	0.04	
15505	15555	133.82	100	100	45.44	0.07	0.13	
15506	15556	174.72	100	100	36.57	0.05	0.09	
15507	15557	51.55	100	100	68.55	0.1	0.28	
15508	15558	147.15	100	100	93.37	0.14	0.5	
15509	15559	36.94	100	100	35.99	0.05	0.09	
15510	15560	228.74	100	100	20.99	0.03	0.03	
15511	15561	64.93	100	100	112.86	0.17	0.71	
15512	15562	66.65	100	100	23.07	0.03	0.04	
15513	15563	44.86	100	100	52.19	0.08	0.17	
15514	15564	6.65	100	100	59.87	0.09	0.22	
15515	15565	2.72	100	100	95.60	0.14	0.52	
15516	15566	51.63	100	100	60.87	0.09	0.23	
15517	15567	17.33	100	100	52.88	0.08	0.18	
15518	15568	181.45	100	100	14.96	0.02	0.02	
15519	15569	22.47	100	100	3.55	0.01	0	
15520	15570	63.63	100	100	34.56	0.05	0.08	
15521	15571	106.99	100	100	1.16	0	0	
15522	15572	230.25	100	100	76.51	0.11	0.35	
15523	15573	124.14	100	100	3.45	0.01	0	
15524	15574	101.61	100	100	37.30	0.05	0.09	
15525	15575	89.26	100	100	69.87	0.1	0.29	
15526	15576	74.4	100	100	64.18	0.09	0.25	
15527	15577	24.98	100	100	32.27	0.05	0.07	
15528	15578	70.22	100	100	49.30	0.07	0.15	
15529	15579	20.2	100	100	87.82	0.13	0.45	
15530	15580	75.34	100	100	56.13	0.08	0.2	
15531	15581	332.91	100	100	55.49	0.08	0.19	
15532	15582	124.44	100	100	10.59	0.02	0.01	
15533	15583	37.57	100	100	12.87	0.02	0.01	
15534	15584	64.05	100	100	12.48	0.02	0.01	
15535	15585	85.21	100	100	50.93	0.08	0.16	
15536	15586	196.79	100	100	2.54	0	0	
15537	15587	77.64	100	100	92.92	0.14	0.5	
15538	15588	278.81	100	100	35.35	0.05	0.08	
15539	15589	57.4	100	100	106.36	0.16	0.64	
15540	15590	139.1	100	100	60.32	0.09	0.22	
15541	15591	48.79	100	100	105.05	0.15	0.63	
15542	15592	24.44	100	100	59.12	0.09	0.22	
15543	15593	49.19	100	100	55.08	0.08	0.19	
15544	15594	105.46	100	100	21.73	0.03	0.03	
15545	15595	76.41	100	100	43.83	0.06	0.12	
15546	15596	52.46	150	100	911.20	0.6	4.74	
15547	15597	122.95	100	100	32.22	0.05	0.07	
15548	15598	76	100	100	40.63	0.06	0.11	
15549	15599	41.38	100	100	3.93	0.01	0	
15550	15600	43.77	100	100	32.93	0.05	0.07	
15551	15601	22.97	100	100	1.85	0	0	
15552	15602	87.85	100	100	37.81	0.06	0.09	
15553	15603	67.3	100	100	55.04	0.08	0.19	
15554	15604	45.88	100	100	49.77	0.07	0.16	
15555	15605	59.33	100	100	30.06	0.04	0.06	
15556	15606	123.54	100	100	32.10	0.05	0.07	
15557	15607	51.9	100	100	82.48	0.12	0.4	
15558	15608	98.24	100	100	71.03	0.1	0.3	
15559	15609	85.25	100	100	12.39	0.02	0.01	
15560	15610	94.36	100	100	20.89	0.03	0.03	
15561	15611	39.43	100	100	42.65	0.06	0.12	
15562	15612	75.59	100	100	42.38	0.06	0.12	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
15563	15613	22.5	100	100	0.00	0	0	
15564	15614	70.58	100	100	1.00	0	0	
15565	15615	200.16	100	100	36.45	0.05	0.09	
15566	15616	171.39	100	100	97.56	0.14	0.55	
15567	15617	143.97	100	100	77.79	0.11	0.36	
15568	15618	21.71	100	100	124.36	0.18	0.86	
15569	15619	4.26	100	100	9.21	0.01	0.01	
15570	15620	17.76	100	100	297.33	0.44	4.3	
15571	15621	143.24	100	100	172.37	0.25	1.57	
15572	15622	51.85	100	100	125.06	0.18	0.86	
15573	15623	49.56	100	100	107.11	0.16	0.65	
15574	15624	49.03	100	100	67.05	0.1	0.27	
15575	15625	29.05	100	100	82.49	0.12	0.4	
15576	15626	24.63	100	100	189.58	0.28	1.87	
15577	15627	73.18	100	100	75.61	0.11	0.34	
15578	15628	115.98	100	100	5.65	0.01	0	
15579	15629	37.52	100	100	3.81	0.01	0	
15580	15630	38.96	100	100	13.34	0.02	0.01	
15581	15631	68.66	100	100	57.36	0.08	0.2	
15582	15632	26.87	100	100	27.97	0.04	0.05	
15583	15633	137.79	100	100	65.50	0.1	0.26	
15584	15634	58.14	100	100	54.60	0.08	0.19	
15585	15635	100.72	100	100	84.42	0.12	0.42	
15586	15636	44.39	100	100	54.20	0.08	0.18	
15587	15637	65.63	100	100	84.02	0.12	0.41	
15588	15638	257.11	100	100	72.06	0.11	0.31	
15589	15639	147.62	100	100	64.15	0.09	0.25	
15590	15640	78.66	100	100	49.49	0.07	0.16	
15591	15641	32.97	100	100	105.41	0.16	0.63	
15592	15642	80.7	100	100	72.86	0.11	0.32	
15593	15643	62.92	100	100	49.60	0.07	0.16	
15594	15644	147.79	100	100	2.79	0	0	
15595	15645	159.78	100	100	59.25	0.09	0.22	
15596	15646	66.25	100	100	51.35	0.08	0.17	
15597	15647	40.86	100	100	39.91	0.06	0.1	
15598	15648	95.61	100	100	7.38	0.01	0	
15599	15649	57.82	100	100	60.96	0.09	0.23	
15600	15650	37.54	100	100	20.64	0.03	0.03	
15601	15651	106.75	100	100	94.01	0.14	0.51	
15602	15652	19.3	100	100	73.18	0.11	0.32	
15603	15653	59.73	100	100	66.37	0.1	0.27	
15604	15654	109.24	100	100	19.95	0.03	0.03	
15605	15655	68.77	100	100	9.37	0.01	0.01	
15606	15656	108.46	100	100	45.01	0.07	0.13	
15607	15657	16.28	100	100	62.56	0.09	0.24	
15608	15658	80.47	100	100	11.77	0.02	0.01	
15609	15659	26.27	100	100	50.89	0.07	0.16	
15610	15660	66.05	100	100	16.09	0.02	0.02	
15611	15661	127.53	100	100	14.30	0.02	0.02	
15612	15662	50.44	100	100	66.14	0.1	0.27	
15613	15663	66.04	100	100	10.87	0.02	0.01	
15614	15664	32.02	100	100	15.27	0.02	0.02	
15615	15665	68.75	100	100	8.44	0.01	0.01	
15616	15666	86.64	100	100	0.90	0	0	
15617	15667	96.34	100	100	7.30	0.01	0	
15618	15668	43.54	100	100	3.81	0.01	0	
15619	15669	58.32	100	100	14.59	0.02	0.02	
15620	15670	42.39	100	100	34.75	0.05	0.08	
15621	15671	50.03	100	100	64.77	0.1	0.26	
15622	15672	43.93	100	100	148.78	0.22	1.19	
15623	15673	86.82	100	100	83.45	0.12	0.41	
15624	15674	62.89	100	100	96.60	0.14	0.54	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
15625	15675	69.45	100	100	17.15	0.03	0.02	
15626	15676	51.03	100	100	94.08	0.14	0.51	
15627	15677	523.69	100	100	49.21	0.07	0.15	
15628	15678	156.01	100	100	115.31	0.17	0.74	
15629	15679	159.26	100	100	121.16	0.18	0.81	
15630	15680	70.5	100	100	65.98	0.1	0.26	
15631	15681	102.32	100	100	34.28	0.05	0.08	
15632	15682	43.32	100	100	55.34	0.08	0.19	
15633	15683	107.19	100	100	41.79	0.06	0.11	
15634	15684	92.08	100	100	4.59	0.01	0	
15635	15685	27.16	100	100	37.40	0.06	0.09	
15636	15686	46.17	100	100	24.50	0.04	0.04	
15637	15687	94.99	100	100	57.86	0.09	0.21	
15638	15688	82.16	100	100	57.61	0.08	0.21	
15639	15689	83.44	100	100	31.45	0.05	0.07	
15640	15690	174.69	100	100	124.37	0.18	0.86	
15641	15691	112.92	100	100	118.76	0.18	0.79	
15642	15692	117.44	100	100	202.96	0.3	2.12	
15643	15693	67.51	100	100	82.11	0.12	0.4	
15644	15694	54.72	100	100	26.79	0.04	0.05	
15645	15695	124.41	100	100	185.13	0.27	1.79	
15646	15696	29.25	100	100	23.04	0.03	0.04	
15647	15697	99.31	100	100	51.30	0.08	0.13	
15648	15698	31.66	100	100	30.08	0.04	0.06	
15649	15699	179.96	100	100	5.42	0.01	0	
15650	15700	30.97	100	100	115.91	0.17	0.75	
15651	15701	19.78	100	100	199.37	0.29	2.05	
15652	15702	262.19	100	100	24.52	0.04	0.04	
15653	15703	104.92	100	100	87.40	0.13	0.44	
15654	15704	142.41	100	100	33.65	0.05	0.08	
15655	15705	49.25	100	100	47.31	0.07	0.14	
15656	15706	37.58	100	100	60.89	0.09	0.23	
15657	15707	60.24	100	100	127.55	0.19	0.9	
15658	15708	58.03	100	100	98.60	0.15	0.56	
15659	15709	250.48	100	100	91.85	0.14	0.49	
15660	15710	62.17	100	100	180.13	0.27	1.7	
15661	15711	68.5	100	100	213.61	0.31	2.33	
15662	15712	140.32	100	100	15.73	0.02	0.02	
15663	15713	123.32	100	100	35.63	0.05	0.08	
15664	15714	76.23	100	100	69.62	0.1	0.29	
15665	15715	49.28	100	100	32.10	0.05	0.07	
15666	15716	168.94	100	100	46.55	0.07	0.14	
15667	15717	126.7	100	100	11.02	0.02	0.01	
15668	15718	50.85	100	100	18.93	0.03	0.03	
15669	15719	99.1	100	100	7.45	0.01	0	
15670	15720	51.41	100	100	0.13	0	0	
15671	15721	100.13	100	100	29.18	0.04	0.06	
15672	15722	44.64	100	100	48.97	0.07	0.15	
15673	15723	45.94	100	100	50.99	0.08	0.16	
15674	15724	205.48	100	100	50.52	0.07	0.16	
15675	15725	40	100	100	17.81	0.03	0.02	
15676	15726	94.98	100	100	21.43	0.03	0.03	
15677	15727	87.18	100	100	47.69	0.07	0.14	
15678	15728	74.91	100	100	48.64	0.07	0.15	
15679	15729	56.55	100	100	80.74	0.12	0.38	
15680	15730	124.64	100	100	35.63	0.05	0.08	
15681	15731	33.92	100	100	19.01	0.03	0.03	
15682	15732	87.67	100	100	28.81	0.04	0.06	
15683	15733	53.58	100	100	43.56	0.06	0.12	
15684	15734	92.39	100	100	30.36	0.04	0.06	
15685	15735	65.42	100	100	16.68	0.02	0.02	
15686	15736	23.65	100	100	1.96	0	0	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
15687	15737	90.86	100	100	63.51	0.09	0.25	
15688	15738	221.18	100	100	12.20	0.02	0.01	
15689	15739	63.76	100	100	118.98	0.18	0.79	
15690	15740	62.87	100	100	50.47	0.07	0.16	
15691	15741	49.31	100	100	39.61	0.06	0.1	
15692	15742	81.78	100	100	46.05	0.07	0.14	
15693	15743	57.94	100	100	164.95	0.24	1.44	
15694	15744	121.5	100	100	76.03	0.11	0.34	
15695	15745	46.47	100	100	15.67	0.02	0.02	
15696	15746	82.21	100	100	61.25	0.09	0.23	
15697	15747	47.3	100	100	42.79	0.06	0.12	
15698	15748	131.47	200	100	113.49	0.04	0.02	
15699	15749	46.16	100	100	1.54	0	0	
15700	15750	85.09	100	100	49.77	0.07	0.16	
15701	15751	42.7	100	100	98.33	0.14	0.55	
15702	15752	25	100	100	25.33	0.04	0.04	
15703	15753	55.47	100	100	28.91	0.04	0.06	
15704	15754	55.25	100	100	21.97	0.03	0.03	
15705	15755	88.54	100	100	233.77	0.34	2.75	
15706	15756	73.04	100	100	21.51	0.03	0.03	
15707	15757	122.16	100	100	74.84	0.11	0.33	
15708	15758	13.23	100	100	0.97	0	0	
15709	15759	80.42	100	100	33.23	0.05	0.07	
15710	15760	65.45	100	100	93.46	0.14	0.5	
15711	15761	63.07	100	100	69.45	0.1	0.29	
15712	15762	89.86	100	100	26.31	0.04	0.05	
15713	15763	62.92	100	100	22.22	0.03	0.04	
15714	15764	41.4	100	100	16.17	0.02	0.02	
15715	15765	33.59	100	100	112.53	0.17	0.71	
15716	15766	99.29	100	100	56.59	0.08	0.2	
15717	15767	48.65	100	100	15.64	0.02	0.02	
15718	15768	63.77	100	100	14.70	0.02	0.02	
15719	15769	93.97	100	100	54.19	0.08	0.18	
15720	15770	6.85	100	100	145.57	0.21	1.1	
15721	15771	27.39	100	100	32.31	0.05	0.07	
15722	15772	93.31	100	100	10.54	0.02	0.01	
15723	15773	76.45	100	100	59.07	0.09	0.22	
15724	15774	49.65	100	100	14.40	0.02	0.02	
15725	15775	38.66	100	100	27.75	0.04	0.05	
15726	15776	108.77	100	100	79.47	0.12	0.37	
15727	15777	44.21	100	100	17.69	0.03	0.02	
15728	15778	99.68	100	100	72.92	0.11	0.32	
15729	15779	82.92	100	100	93.06	0.14	0.5	
15730	15780	53.75	100	100	146.96	0.22	1.16	
15731	15781	65.08	100	100	101.28	0.15	0.58	
15732	15782	95.9	100	100	169.26	0.25	1.51	
15733	15783	184.56	100	100	141.14	0.21	1.08	
15734	15784	148.52	100	100	218.00	0.32	2.42	
15735	15785	70.74	100	100	4.22	0.01	0	
15736	15786	70.54	100	100	42.13	0.06	0.12	
15737	15787	352.65	100	100	125.24	0.18	0.87	
15738	15788	103.36	100	100	223.44	0.33	2.53	
15739	15789	121.2	100	100	68.01	0.1	0.28	
15740	15790	120.09	100	100	35.31	0.05	0.08	
15741	15791	102.86	100	100	37.32	0.06	0.09	
15742	15792	102.39	100	100	22.30	0.03	0.04	
15743	15793	97.74	100	100	26.27	0.04	0.05	
15744	15794	61.98	100	100	3.65	0.01	0	
15745	15795	59.97	100	100	0.01	0	0	
15746	15796	51.69	100	100	63.90	0.09	0.25	
15747	15797	48.35	100	100	21.99	0.03	0.03	
15748	15798	50.19	100	100	4.19	0.01	0	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
15749	15799	31.11	100	100	91.07	0.13	0.48	
15750	15800	84.62	100	100	98.88	0.15	0.56	
15751	15801	84.83	100	100	91.94	0.14	0.49	
15752	15802	48.98	100	100	42.88	0.06	0.12	
15753	15803	133.78	100	100	62.48	0.09	0.24	
15754	15804	39.31	100	100	1.66	0	0	
15755	15805	94.7	100	100	106.75	0.16	0.64	
15756	15806	86.99	100	100	82.77	0.12	0.4	
15757	15807	90.45	100	100	76.76	0.11	0.35	
15758	15808	90.79	100	100	2.83	0	0	
15759	15809	100.39	100	100	80.15	0.12	0.38	
15760	15810	24.93	100	100	17.77	0.03	0.02	
15761	15811	64.18	100	100	63.22	0.09	0.24	
15762	15812	98.92	100	100	68.70	0.1	0.28	
15763	15813	52.14	100	100	25.32	0.04	0.04	
15764	15814	50.5	100	100	37.87	0.06	0.09	
15765	15815	107.56	100	100	68.96	0.1	0.29	
15766	15816	289.58	100	100	185.38	0.27	1.79	
15767	15817	94.05	100	100	27.19	0.04	0.05	
15768	15818	182.95	100	100	39.95	0.06	0.1	
15769	15819	75.02	100	100	73.68	0.11	0.32	
15770	15820	74.63	100	100	45.19	0.07	0.13	
15771	15821	103.58	100	100	41.16	0.06	0.11	
15772	15822	154.19	100	100	45.75	0.07	0.13	
15773	15823	67.83	100	100	171.14	0.25	1.54	
15774	15824	38.46	100	100	28.96	0.04	0.06	
15775	15825	89.16	100	100	11.79	0.02	0.01	
15776	15826	32.1	100	100	4.88	0.01	0	
15777	15827	37.64	100	100	12.09	0.02	0.01	
15778	15828	20.11	100	100	47.00	0.07	0.14	
15779	15829	74.08	100	100	66.08	0.1	0.27	
15780	15830	35.11	100	100	116.60	0.17	0.76	
15781	15831	77.79	100	100	32.30	0.05	0.07	
15782	15832	58.61	100	100	48.78	0.07	0.15	
15783	15833	98.98	100	100	62.33	0.09	0.24	
15784	15834	89.02	100	100	92.95	0.14	0.5	
15785	15835	44.3	100	100	192.56	0.28	1.92	
15786	15836	46.88	100	100	153.96	0.23	1.27	
15787	15837	24.64	100	100	208.33	0.31	2.22	
15788	15838	40.89	100	100	320.14	0.47	4.93	
15789	15839	137.57	100	100	166.43	0.25	1.47	
15790	15840	89.78	100	100	81.44	0.12	0.39	
15791	15841	81.35	100	100	128.75	0.19	0.91	
15792	15842	81.25	100	100	133.17	0.2	0.97	
15793	15843	81.52	100	100	66.34	0.1	0.27	
15794	15844	122.27	100	100	45.49	0.07	0.13	
15795	15845	114.19	100	100	44.91	0.07	0.13	
15796	15846	66.43	100	100	36.93	0.05	0.09	
15797	15847	123.99	100	100	48.62	0.07	0.15	
15798	15848	168.4	100	100	209.37	0.31	2.24	
15799	15849	73.02	100	100	442.16	0.65	8.96	
15800	15850	310.77	100	100	11.93	0.02	0.01	
15801	15851	98	100	100	30.00	0.04	0.06	
15802	15852	383.56	100	100	112.27	0.17	0.71	
15803	15853	56.63	100	100	108.47	0.16	0.66	
15804	15854	117.08	100	100	34.99	0.05	0.08	
15805	15855	5.42	100	100	55.62	0.08	0.19	
15806	15856	136.43	100	100	39.39	0.06	0.1	
15807	15857	15.39	100	100	158.85	0.23	1.35	
15808	15858	201.34	100	100	54.32	0.08	0.18	
15809	15859	30.74	100	100	46.68	0.07	0.14	
15810	15860	263.12	100	100	94.40	0.14	0.51	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
15811	15861	137.89	100	100	65.69	0.1	0.26	
15812	15862	37.66	100	100	51.06	0.08	0.16	
15813	15863	56.71	100	100	113.69	0.17	0.72	
15814	15864	64.85	100	100	32.52	0.05	0.07	
15815	15865	48.08	100	100	167.57	0.25	1.49	
15816	15866	98.93	100	100	150.04	0.22	1.21	
15817	15867	108.09	100	100	101.03	0.15	0.58	
15818	15868	2182.39	100	100	71.84	0.11	0.31	
15819	15869	172.54	100	100	166.70	0.25	1.47	
15820	15870	47.9	100	100	36.97	0.05	0.09	
15821	15871	14.38	100	100	14.72	0.02	0.02	
15822	15872	22.44	100	100	27.74	0.04	0.05	
15823	15873	1662.29	100	100	332.92	0.49	5.3	
15824	15874	87.34	100	100	22.63	0.03	0.04	
15825	15875	67.93	100	100	69.89	0.1	0.29	
15826	15876	1306.62	100	100	462.89	0.68	9.75	
15827	15877	60.73	100	100	255.62	0.38	3.25	
15828	15878	54.9	100	100	292.75	0.43	4.17	
15829	15879	56.48	100	100	305.15	0.45	4.51	
15830	15880	166.73	100	100	83.64	0.12	0.41	
15831	15881	27.04	100	100	84.24	0.12	0.42	
15832	15882	42.65	100	100	59.75	0.09	0.22	
15833	15883	46.13	100	100	54.29	0.08	0.18	
15834	15884	76.17	100	100	34.18	0.05	0.08	
15835	15885	434.06	100	100	25.17	0.04	0.04	
15836	15886	94.53	100	100	129.84	0.19	0.93	
15837	15887	403.57	100	100	31.87	0.05	0.07	
15838	15888	413.76	100	100	39.39	0.06	0.1	
15839	15889	424.74	100	100	12.20	0.02	0.01	
15840	15890	483.68	100	100	11.37	0.02	0.01	
15841	15891	389.14	100	100	19.01	0.03	0.03	
15842	15892	364.54	100	100	34.43	0.05	0.08	
15843	15893	170.95	100	100	15.33	0.02	0.02	
15844	15894	35.27	100	100	124.89	0.18	0.86	
15845	15895	120.97	150	100	220.65	0.14	0.34	
15846	15896	618.25	100	100	39.84	0.06	0.1	
15847	15897	229.72	100	100	29.96	0.04	0.06	
15848	15898	358.1	100	100	87.84	0.13	0.45	
15849	15899	106.78	100	100	30.30	0.04	0.06	
15850	15900	192.34	100	100	6.16	0.01	0	
15851	15901	496.69	100	100	40.26	0.06	0.11	
15852	15902	173.27	80	100	12.58	0.03	0.04	
15853	15903	153.58	100	100	76.67	0.11	0.35	
15854	15904	14.01	100	100	1682.07	2.48	106.38	
15855	15905	5.71	100	100	841.33	1.24	29.49	
15856	15906	104.9	100	100	0.01	0	0	
15857	15907	8.08	100	100	29.75	0.04	0.06	
15858	15908	9.79	100	100	3.29	0	0	
15859	15909	104.16	100	100	38.95	0.06	0.1	
15860	15910	37.19	100	100	50.92	0.08	0.16	
15861	15911	124.82	100	100	326.29	0.48	5.1	
15862	15912	38.35	100	100	87.07	0.13	0.44	
15863	15913	132.44	100	100	31.57	0.05	0.07	
15864	15914	581.94	100	100	0.00	0	0	
15865	15915	108.46	100	100	226.10	0.33	2.59	
15866	15916	193.95	100	100	37.03	0.05	0.09	
15867	15917	82.81	100	100	42.54	0.06	0.12	
15868	15918	444.83	100	100	187.40	0.28	1.83	
15869	15919	131.79	100	100	73.72	0.11	0.32	
15870	15920	110.84	100	100	40.28	0.06	0.11	
15871	15921	51.66	100	100	38.51	0.06	0.1	
15872	15922	43.76	100	100	15.69	0.02	0.02	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
15873	15923	125.25	200	100	15.30	0.01	0	
15874	15924	128.53	100	100	14.85	0.02	0.02	
15875	15925	67.85	100	100	33.35	0.05	0.07	
15876	15926	105.35	100	100	20.12	0.03	0.03	
15877	15927	255.37	100	100	185.30	0.27	1.79	
15878	15928	56.07	100	100	0.00	0	0	
15879	15929	81.58	100	100	47.97	0.07	0.15	
15880	15930	52.96	100	100	26.03	0.04	0.05	
15881	15931	131.54	100	100	14.65	0.02	0.02	
15882	15932	44.71	100	100	16.37	0.02	0.02	
15883	15933	9.98	100	100	0.01	0	0	
15884	15934	144.56	100	100	6.51	0.01	0	
15885	15935	126.02	100	100	27.62	0.04	0.05	
15886	15936	95.39	100	100	38.69	0.06	0.1	
15887	15937	85.14	100	100	36.43	0.05	0.09	
15888	15938	56.33	100	100	10.13	0.01	0.01	
15889	15939	112.03	100	100	17.63	0.03	0.02	
15890	15940	52.92	100	100	4.73	0.01	0	
15891	15941	170.58	100	100	34.78	0.05	0.08	
15892	15942	209.05	100	100	8.76	0.01	0.01	
15893	15943	72.5	100	100	23.02	0.03	0.04	
15894	15944	207.52	100	100	57.37	0.08	0.2	
15895	15945	40.46	100	100	139.80	0.21	1.06	
15896	15946	56.8	100	100	74.38	0.11	0.33	
15897	15947	54.55	100	100	94.45	0.14	0.51	
15898	15948	125.74	100	100	6.86	0.01	0	
15899	15949	66.54	100	100	3.70	0.01	0	
15900	15950	66.4	100	100	2.32	0	0	
15901	15951	201.43	100	100	13.46	0.02	0.01	
15902	15952	127.59	100	100	5.86	0.01	0	
15903	15953	89.75	100	100	12.13	0.02	0.01	
15904	15954	80.7	100	100	42.45	0.06	0.12	
15905	15955	87.96	100	100	31.68	0.05	0.07	
15906	15956	36.16	100	100	8.94	0.01	0.01	
15907	15957	100.39	100	100	96.60	0.14	0.54	
15908	15958	48.49	100	100	43.53	0.06	0.12	
15909	15959	163.16	100	100	0.00	0	0	
15910	15960	69.21	100	100	16.26	0.02	0.02	
15911	15961	52.75	100	100	93.08	0.14	0.5	
15912	15962	45.13	100	100	7.98	0.01	0.01	
15913	15963	51.59	100	100	138.13	0.2	1.04	
15914	15964	115.25	100	100	89.75	0.13	0.47	
15915	15965	106.74	100	100	30.84	0.05	0.06	
15916	15966	22.13	100	100	0.00	0	0	
15917	15967	49.8	100	100	186.17	0.27	1.81	
15918	15968	109.79	100	100	85.73	0.13	0.43	
15919	15969	110.73	100	100	29.04	0.04	0.06	
15920	15970	146.54	100	100	55.95	0.08	0.19	
15921	15971	82.53	100	100	73.87	0.11	0.33	
15922	15972	34.77	100	100	13.47	0.02	0.01	
15923	15973	145.24	100	100	51.86	0.08	0.17	
15924	15974	60.79	100	100	51.90	0.08	0.17	
15925	15975	62.91	100	100	26.12	0.04	0.05	
15926	15976	91.06	100	100	83.11	0.12	0.41	
15927	15977	75.9	100	100	57.02	0.08	0.2	
15928	15978	64.99	100	100	20.49	0.03	0.03	
15929	15979	77.97	100	100	48.42	0.07	0.15	
15930	15980	102.47	100	100	13.84	0.02	0.01	
15931	15981	71.12	100	100	145.23	0.21	1.14	
15932	15982	107.94	100	100	18.57	0.03	0.03	
15933	15983	100.9	100	100	23.34	0.03	0.04	
15934	15984	92.08	100	100	63.31	0.09	0.24	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
15935	15985	52.15	100	100	76.20	0.11	0.35	
15936	15986	29.53	100	100	3.13	0	0	
15937	15987	93.57	100	100	72.18	0.11	0.31	
15938	15988	44.45	100	100	3.69	0.01	0	
15939	15989	51.54	100	100	59.03	0.09	0.22	
15940	15990	62.83	100	100	37.44	0.06	0.09	
15941	15991	129.24	100	100	169.13	0.25	1.51	
15942	15992	127.35	100	100	113.20	0.17	0.72	
15943	15993	94.57	100	100	56.21	0.08	0.2	
15944	15994	195.91	100	100	108.50	0.16	0.66	
15945	15995	38.76	100	100	18.04	0.03	0.02	
15946	15996	912.67	100	100	480.42	0.71	10.45	
15947	15997	95.24	100	100	4.38	0.01	0	
15948	15998	43.9	100	100	69.95	0.1	0.29	
15949	15999	96.81	100	100	36.60	0.05	0.09	
15950	16000	321.49	100	100	22.84	0.03	0.04	
15951	16001	64.29	100	100	7.32	0.01	0	
15952	16002	5.96	100	100	102.13	0.15	0.59	
15953	16003	97.25	100	100	3.60	0.01	0	
15954	16004	99.65	100	100	46.84	0.07	0.14	
15955	16005	145.26	100	100	25.02	0.04	0.04	
15956	16006	83.85	100	100	7.75	0.01	0.01	
15957	16007	91.57	100	100	6.60	0.01	0	
15958	16008	85.77	100	100	12.74	0.02	0.01	
15959	16009	78.8	100	100	21.01	0.03	0.03	
15960	16010	73.8	100	100	12.06	0.02	0.01	
15961	16011	38.07	100	100	68.29	0.1	0.28	
15962	16012	32.45	100	100	22.84	0.03	0.04	
15963	16013	544.33	100	100	97.09	0.14	0.54	
15964	16014	119.82	100	100	47.29	0.07	0.14	
15965	16015	23.24	100	100	54.94	0.08	0.19	
15966	16016	143.06	100	100	25.43	0.04	0.05	
15967	16017	150.24	100	100	74.06	0.11	0.33	
15968	16018	38.84	100	100	15.88	0.02	0.02	
15969	16019	104.72	100	100	4.76	0.01	0	
15970	16020	102.44	100	100	25.89	0.04	0.05	
15971	16021	118.86	100	100	42.35	0.06	0.12	
15972	16022	205.41	100	100	46.95	0.07	0.14	
15973	16023	56.25	100	100	81.31	0.12	0.39	
15974	16024	192.92	100	100	241.08	0.36	2.91	
15975	16025	57.85	100	100	61.93	0.09	0.24	
15976	16026	149.51	100	100	520.44	0.77	12.11	
15977	16027	155.75	100	100	16.72	0.02	0.02	
15978	16028	137.07	100	100	82.15	0.12	0.4	
15979	16029	67.99	100	100	40.19	0.06	0.11	
15980	16030	82.93	100	100	14.34	0.02	0.02	
15981	16031	72.58	100	100	81.89	0.12	0.39	
15982	16032	66.68	100	100	249.04	0.37	3.09	
15983	16033	90.05	100	100	52.11	0.08	0.17	
15984	16034	65.58	100	100	53.01	0.08	0.18	
15985	16035	91.89	100	100	0.00	0	0	
15986	16036	88.38	100	100	9.63	0.01	0.01	
15987	16037	236.66	100	100	83.02	0.12	0.4	
15988	16038	29.04	100	100	0.00	0	0	
15989	16039	79.93	100	100	30.17	0.04	0.06	
15990	16040	28.62	100	100	15.70	0.02	0.02	
15991	16041	120.66	100	100	425.74	0.63	8.35	
15992	16042	255.87	100	100	19.08	0.03	0.03	
15993	16043	140.95	100	100	337.38	0.5	5.43	
15994	16044	90.47	250	100	949.07	0.22	0.42	
15995	16045	137.9	600	100	258.26	0.01	0	
15996	16046	1104.29	100	100	18.68	0.03	0.03	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
15997	16047	110.96	300	100	201.85	0.03	0.01	
15998	16049	10.19	300	100	3762.22	0.62	2.24	
15999	16050	0.48	150	100	51.17	0.03	0.02	
16000	16051	32.53	300	100	124.52	0.02	0	
16001	16052	119.31	80	100	12.33	0.03	0.04	
16002	16053	11816.57	1000	100	14483.00	0.21	0.08	
16003	16056	142.45	300	100	1453.36	0.24	0.38	
16004	16057	88.8	150	100	158.30	0.1	0.19	
16005	16061	240.17	200	100	1248.89	0.46	2.09	
16006	16062	205.44	150	100	1724.59	1.13	15.46	
16007	16063	160.39	100	100	45.44	0.07	0.13	
16008	16064	137.41	80	100	20.22	0.05	0.09	
16009	16065	45.35	200	100	22.52	0.01	0	
16010	16066	52.6	400	100	0.00	0	0	
16011	16067	21.75	200	100	0.00	0	0	
16012	16070	47.29	100	100	0.00	0	0	
16013	16071	211.55	300	100	0.00	0	0	
16014	16072	72.48	300	100	0.00	0	0	
16015	16073	73.42	100	100	0.00	0	0	
16016	16074	147.28	100	100	0.00	0	0	
16017	16075	8.18	100	100	0.00	0	0	
16018	16076	69.49	300	100	0.00	0	0	
16019	16077	130.25	150	100	30.32	0.02	0.01	
16020	16078	180.32	80	100	31.30	0.07	0.2	
16021	16079	264.72	80	100	29.16	0.07	0.17	
16022	16082	183.55	80	100	0.00	0	0	
16023	16085	118.15	150	100	0.00	0	0	
16024	16086	51.2	150	100	0.00	0	0	
16025	16087	52.5	150	100	0.00	0	0	
16026	16089	54.67	80	100	0.00	0	0	
16027	16090	64.48	100	100	16.30	0.02	0.02	
16028	16091	67.2	150	100	0.00	0	0	
16029	16094	65.52	100	100	0.00	0	0	
16030	16095	180.94	200	100	0.00	0	0	
16031	16098	125.38	200	100	0.00	0	0	
16032	16099	87.26	100	100	0.00	0	0	
16033	16101	148.16	200	100	0.00	0	0	
16034	16102	50.08	100	100	0.00	0	0	
16035	16103	47.8	100	100	0.00	0	0	
16036	16104	44.98	100	100	0.00	0	0	
16037	16105	156.9	150	100	0.00	0	0	
16038	16107	49.28	100	100	0.00	0	0	
16039	16108	0.44	150	100	82.01	0.05	0.06	
16040	16109	104.08	100	100	0.01	0	0	
16041	16110	48.75	100	100	92.24	0.14	0.49	
16042	16111	15.53	200	100	130.01	0.05	0.03	
16043	16112	35.38	150	100	0.00	0	0	
16044	16115	0.91	150	100	79.67	0.05	0.05	
16045	16116	49.22	100	100	27.69	0.04	0.05	
16046	16119	99.81	100	100	0.00	0	0	
16047	16120	164.41	150	100	0.00	0	0	
16048	16121	20.73	150	100	0.00	0	0	
16049	16125	35.76	150	100	0.00	0	0	
16050	16126	79.74	100	100	0.00	0	0	
16051	16127	34.84	100	100	0.00	0	0	
16052	16130	31.94	150	100	0.00	0	0	
16053	16131	99.96	150	100	0.00	0	0	
16054	16135	326.17	100	100	0.00	0	0	
16055	16136	36.12	100	100	0.01	0	0	
16056	16137	100.8	100	100	0.01	0	0	
16057	16138	17.2	150	100	0.01	0	0	
16058	16140	91.51	100	100	0.01	0	0	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
16059	16141	62.31	100	100	0.01	0	0	
16060	16142	87.76	150	100	0.01	0	0	
16061	16144	105.86	200	100	117.43	0.04	0.03	
16062	16146	134.98	200	100	0.01	0	0	
16063	16148	181.27	200	100	0.00	0	0	
16064	16149	37.99	100	100	0.00	0	0	
16065	16151	47.48	80	100	0.00	0	0	
16066	16155	515.95	200	100	0.00	0	0	
16067	16156	121.37	100	100	0.01	0	0	
16068	16157	51.55	150	100	0.01	0	0	
16069	16158	155.31	100	100	0.01	0	0	
16070	16159	643.11	300	100	24.90	0	0	
16071	16160	124.18	100	100	0.01	0	0	
16072	16161	49.6	150	100	0.01	0	0	
16073	16162	133.13	100	100	49.51	0.07	0.16	
16074	16164	66.73	100	100	50.29	0.07	0.16	
16075	16165	304.95	150	100	0.00	0	0	
16076	16167	79.38	350	100	0.00	0	0	
16077	16170	237.4	100	100	0.00	0	0	
16078	16172	88.97	100	100	0.00	0	0	
16079	16173	46.15	100	100	0.00	0	0	
16080	16174	41.91	100	100	0.00	0	0	
16081	16176	91.48	100	100	0.00	0	0	
16082	16177	65.84	100	100	0.00	0	0	
16083	16178	81.92	100	100	3.54	0.01	0	
16084	16182	596.82	200	100	0.00	0	0	
16085	16183	140.15	100	100	0.00	0	0	
16086	16184	154.37	150	100	0.00	0	0	
16087	16186	76.16	150	100	0.00	0	0	
16088	16189	4.49	200	100	98.95	0.04	0.02	
16089	16190	120.49	100	100	0.00	0	0	
16090	16191	163.1	150	100	0.00	0	0	
16091	16193	128.63	100	100	0.00	0	0	
16092	16195	163.92	150	100	0.00	0	0	
16093	16196	70.43	200	100	0.00	0	0	
16094	16197	71.63	150	100	0.00	0	0	
16095	16200	95.77	100	100	0.00	0	0	
16096	16201	67.91	100	100	50.54	0.07	0.16	
16097	16205	1.58	400	100	0.00	0	0	
16098	16206	4.19	200	100	1870.30	0.69	4.42	
16099	16209	63.88	150	100	16.98	0.01	0	
16100	16210	127.81	100	100	0.00	0	0	
16101	16211	68.65	150	100	0.00	0	0	
16102	16213	38.41	150	100	0.00	0	0	
16103	16216	191.11	150	100	0.00	0	0	
16104	16217	71.9	100	100	0.00	0	0	
16105	16224	79.34	150	100	0.00	0	0	
16106	16229	262.72	200	100	0.00	0	0	
16107	16231	24.14	150	100	0.00	0	0	
16108	16234	66.68	100	100	0.00	0	0	
16109	16237	68.81	100	100	0.00	0	0	
16110	16238	168.24	200	100	0.00	0	0	
16111	16239	57.5	150	100	0.00	0	0	
16112	16240	0.84	150	100	0.00	0	0	
16113	16243	139.01	300	100	0.00	0	0	
16114	16245	102.64	80	100	0.01	0	0	
16115	16246	146.26	100	100	0.01	0	0	
16116	16248	12.24	100	100	0.00	0	0	
16117	16250	83	80	100	0.00	0	0	
16118	16251	83.7603	80	100	0.00	0	0	
16119	16255	96.4	80	100	0.00	0	0	
16120	16257	122.22	80	100	0.00	0	0	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
16121	16260	122.3	100	100	0.00	0	0	
16122	16264	19.42	400	100	0.00	0	0	
16123	16265	485.77	150	100	0.00	0	0	
16124	16266	188.77	350	100	0.00	0	0	
16125	16268	144.77	100	100	0.00	0	0	
16126	16269	142.98	100	100	0.00	0	0	
16127	16271	58.54	300	100	0.00	0	0	
16128	16272	39.23	300	100	4168.27	0.68	2.71	
16129	16273	219.75	100	100	0.00	0	0	
16130	16274	308.82	200	100	0.00	0	0	
16131	16275	23.83	150	100	20.87	0.01	0	
16132	16276	3496.87	100	100	0.01	0	0	
16133	16277	38.29	150	100	0.00	0	0	
16134	16279	105.95	150	100	0.00	0	0	
16135	16280	43.09	150	100	0.01	0	0	
16136	16282	125.49	250	100	790.85	0.19	0.3	
16137	16283	456.51	150	100	0.00	0	0	
16138	16285	1.12	200	100	0.00	0	0	
16139	16289	1.57	150	100	154.13	0.1	0.18	
16140	16290	1.52	100	100	204.29	0.3	2.14	
16141	16294	0.29	150	100	171.23	0.11	0.19	
16142	16295	33.12	150	100	0.01	0	0	
16143	16296	1586.68	150	100	143.89	0.09	0.16	
16144	16297	2107.53	150	100	209.17	0.14	0.31	
16145	16298	2724.09	150	100	344.95	0.23	0.78	
16146	16299	3392.67	100	100	0.03	0	0	
16147	16301	248.21	100	100	24.06	0.04	0.04	
16148	16303	121.15	150	100	0.00	0	0	
16149	16304	200.25	200	100	1056.93	0.39	1.54	
16150	16306	84.86	150	100	0.00	0	0	
16151	16307	18.03	100	100	271.23	0.4	3.62	
16152	16308	123.19	150	100	271.24	0.18	0.5	
16153	16310	4.99	200	100	0.00	0	0	
16154	16311	1224.18	100	100	272.16	0.4	3.65	
16155	16312	2.23	150	100	1277.93	0.84	8.88	
16156	16313	137.91	100	100	0.00	0	0	
16157	16316	0.38	100	100	916.50	1.35	34.56	
16158	16319	1.34	300	100	0.00	0	0	
16159	16321	68.43	150	100	74.21	0.05	0.05	
16160	16322	181.02	300	100	1775.53	0.29	0.56	
16161	16323	997.95	100	100	12.43	0.02	0.01	
16162	16324	1457.05	100	100	1.72	0	0	
16163	16325	2248.06	150	100	119.16	0.08	0.11	
16164	16326	198.17	100	100	0.00	0	0	
16165	16327	1136.09	500	100	2143.03	0.13	0.07	
16166	16328	1.17	400	100	0.01	0	0	
16167	16329	75.9	100	100	0.00	0	0	
16168	16330	605.63	100	100	117.50	0.17	0.77	
16169	16331	467.47	200	100	728.09	0.27	0.77	
16170	16332	1605.52	200	100	728.09	0.27	0.77	
16171	16333	1358.47	150	100	0.00	0	0	
16172	16334	1067.48	150	100	160.73	0.11	0.19	
16173	16335	33.82	300	100	248.17	0.04	0.01	
16174	16336	752.88	100	100	5.23	0.01	0	
16175	16337	13.29	250	100	5120.73	1.21	9.64	
16176	16338	1.73	250	100	6820.71	1.61	16.39	
16177	16339	1097.42	500	100	9881.75	0.58	1.11	
16178	16340	92.5	100	100	0.01	0	0	
16179	16341	69.52	100	100	0.00	0	0	
16180	16344	69.93	80	100	0.01	0	0	
16181	16345	2.84	200	100	526.00	0.19	0.42	
16182	16346	0.67	200	100	266.70	0.1	0.11	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
16183	16347	35.15	150	100	2792.34	1.83	37.74	
16184	16348	739.12	300	100	8088.36	1.32	9.24	
16185	16349	265.67	300	100	3841.12	0.63	2.33	
16186	16350	81.98	200	100	1715.07	0.63	3.77	
16187	16351	93.44	80	100	0.01	0	0	
16188	16352	1118.94	250	100	2418.88	0.57	2.4	
16189	16353	0.04	200	100	889.47	0.33	1.16	
16190	16354	8.55	200	100	0.01	0	0	
16191	16355	15.26	400	100	0.00	0	0	
16192	16356	1.76	200	100	1485.23	0.55	2.89	
16193	16357	327.55	250	100	1238.69	0.29	0.7	
16194	16358	1429.68	150	100	854.30	0.56	4.21	
16195	16359	2415.45	100	100	45.67	0.07	0.13	
16196	16360	37.01	100	100	0.00	0	0	
16197	16361	39.74	100	100	0.00	0	0	
16198	16362	80.21	100	100	17.76	0.03	0.02	
16199	16363	206.49	80	100	22.74	0.05	0.11	
16200	16364	1120.34	300	100	889.80	0.15	0.16	
16201	16365	0.6	400	100	5352.61	0.49	1.05	
16202	16366	1053.14	500	100	4484.59	0.26	0.26	
16203	16367	1342.66	250	100	4484.59	1.06	7.54	
16204	16368	622.78	150	100	0.00	0	0	
16205	16369	3.03	300	100	2826.04	0.46	1.32	
16206	16370	3.92	300	100	2826.04	0.46	1.32	
16207	16371	1.51	200	100	0.00	0	0	
16208	16372	5.52	80	100	22.74	0.05	0.11	
16209	16373	1671.57	400	100	3516.43	0.32	0.49	
16210	16374	225.58	250	100	141.96	0.03	0.01	
16211	16375	78.57	200	100	1056.93	0.39	1.54	
16212	16377	267.12	150	100	0.00	0	0	
16213	16378	70.42	300	100	361.40	0.06	0.03	
16214	16379	84.92	150	100	0.00	0	0	
16215	16380	281.72	80	100	29.16	0.07	0.17	
16216	16383	49.91	300	100	0.00	0	0	
16217	16384	0.75	200	100	0.00	0	0	
16218	16386	56.62	150	100	0.00	0	0	
16219	16387	709.86	150	100	361.40	0.24	0.86	
16220	16388	171.66	150	100	0.00	0	0	
16221	16391	49.22	100	100	0.00	0	0	
16222	16394	176.33	100	100	0.00	0	0	
16223	16396	16.06	350	100	0.00	0	0	
16224	16398	350.44	200	100	438.54	0.16	0.3	
16225	16399	87.36	150	100	119.16	0.08	0.11	
16226	16400	2287.41	100	100	1.72	0	0	
16227	16401	389.69	150	100	0.00	0	0	
16228	16405	1089.04	100	100	12.43	0.02	0.01	
16229	16406	163.51	200	100	0.00	0	0	
16230	16407	75.63	80	100	0.00	0	0	
16231	16408	111.28	200	100	0.00	0	0	
16232	16410	64.69	80	100	0.00	0	0	
16233	16413	65	80	100	0.00	0	0	
16234	16414	112.61	80	100	0.00	0	0	
16235	16416	36.24	300	100	1775.53	0.29	0.56	
16236	16418	167.5	250	100	0.00	0	0	
16237	16419	59.13	250	100	0.00	0	0	
16238	16420	63.23	200	100	0.00	0	0	
16239	16421	42.32	200	100	0.00	0	0	
16240	16428	892.14	100	100	0.00	0	0	
16241	16432	40.04	80	100	0.00	0	0	
16242	16433	773.39	400	100	5352.61	0.49	1.06	
16243	16434	1759.27	300	100	248.17	0.04	0.01	
16244	16435	175.02	300	100	889.80	0.15	0.16	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
16245	16438	721.38	150	100	537.26	0.35	1.78	
16246	16439	621.78	150	100	160.73	0.11	0.19	
16247	16440	0.55	100	100	45.44	0.07	0.14	
16248	16441	1251.95	100	100	537.26	0.79	12.85	
16249	16442	35.9	100	100	0.00	0	0	
16250	16443	62.47	100	100	0.01	0	0	
16251	16444	24.16	80	100	0.01	0	0	
16252	16445	597.19	300	100	1729.78	0.28	0.53	
16253	16446	59.53	300	100	1745.36	0.29	0.54	
16254	16447	51.03	100	100	0.00	0	0	
16255	16448	219.33	150	100	0.00	0	0	
16256	16451	38.62	100	100	0.00	0	0	
16257	16452	79.82	100	100	0.00	0	0	
16258	16454	842.21	200	100	1485.23	0.55	2.89	
16259	16456	54.86	150	100	0.00	0	0	
16260	16457	190.02	200	100	46.60	0.02	0	
16261	16458	0.23	100	100	0.00	0	0	
16262	16462	106.1	80	100	0.01	0	0	
16263	16465	90.88	80	100	0.00	0	0	
16264	16468	10.13	300	100	236.49	0.04	0.01	
16265	16470	427.67	250	100	1238.69	0.29	0.7	
16266	16471	0.03	250	100	2418.88	0.57	2.48	
16267	16472	649.94	200	100	889.47	0.33	1.12	
16268	16473	106.36	200	100	0.01	0	0	
16269	16476	8.98	200	100	236.49	0.09	0.1	
16270	16478	173.11	200	100	0.01	0	0	
16271	16480	347.86	200	100	0.00	0	0	
16272	16484	84.42	150	100	0.00	0	0	
16273	16487	279.9	150	100	0.01	0	0	
16274	16489	33.53	150	100	79.67	0.05	0.05	
16275	16495	1.54	150	100	854.30	0.56	4.21	
16276	16497	36.42	100	100	0.00	0	0	
16277	16500	136.97	100	100	0.01	0	0	
16278	16501	119.2	100	100	0.01	0	0	
16279	16504	63.55	100	100	0.01	0	0	
16280	16508	110.29	100	100	0.00	0	0	
16281	16510	102.11	150	100	0.00	0	0	
16282	16513	48.01	100	100	0.00	0	0	
16283	16516	1.59	100	100	17.76	0.03	0.02	
16284	16519	52.51	100	100	0.01	0	0	
16285	16520	60.03	100	100	0.01	0	0	
16286	16521	227.96	80	100	0.00	0	0	
16287	16522	43.09	100	100	0.00	0	0	
16288	16523	97.59	150	100	82.01	0.05	0.05	
16289	16524	1.53	100	100	45.67	0.07	0.13	
16290	16525	1.8	150	100	2792.34	1.83	37.74	
16291	16527	75.19	150	100	15.29	0.01	0	
16292	16529	2.28	200	100	1686.46	0.62	3.66	
16293	16530	35.05	500	100	9881.75	0.58	1.11	
16294	16532	24.44	100	100	0.00	0	0	
16295	16534	154.38	250	100	0.00	0	0	
16296	16536	155.69	150	100	0.00	0	0	
16297	16538	434.6	80	100	7.44	0.02	0.01	
16298	16539	238.88	300	100	0.00	0	0	
16299	16540	106.92	300	100	0.00	0	0	
16300	16541	1.7	300	100	0.00	0	0	
16301	16542	153.11	200	100	728.09	0.27	0.77	
16302	16546	47.72	200	100	0.00	0	0	
16303	16549	174.72	150	100	0.00	0	0	
16304	16550	2.45	150	100	20.87	0.01	0	
16305	16551	43.02	150	100	32.49	0.02	0.01	
16306	16552	65.88	150	100	0.00	0	0	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
16307	16553	139.07	150	100	0.00	0	0	
16308	16555	92.45	150	100	1032.67	0.68	5.98	
16309	16558	96.51	100	100	0.00	0	0	
16310	16560	186.69	100	100	0.00	0	0	
16311	16564	672.6	100	100	117.50	0.17	0.77	
16312	16565	48.84	100	100	0.00	0	0	
16313	16567	3.33	150	100	254.46	0.17	0.45	
16314	16568	168.88	100	100	0.00	0	0	
16315	16569	187.67	300	100	1686.46	0.28	0.51	
16316	16570	105.86	80	100	40.37	0.09	0.32	
16317	16571	38.93	150	100	0.00	0	0	
16318	16572	153.95	100	100	0.00	0	0	
16319	16573	65.93	100	100	72.17	0.11	0.31	
16320	16574	108.39	200	100	39.78	0.01	0	
16321	16576	116.6	150	100	0.00	0	0	
16322	16577	187.92	100	100	0.00	0	0	
16323	16578	20.47	400	100	4109.96	0.38	0.65	
16324	16579	48.52	400	100	0.00	0	0	
16325	16580	67.26	150	100	0.02	0	0	
16326	16581	595.57	200	100	565.37	0.21	0.48	
16327	16582	94.19	150	100	0.00	0	0	
16328	16583	100.59	150	100	154.13	0.1	0.18	
16329	16584	48.17	200	100	659.87	0.24	0.64	
16330	16585	42.62	200	100	0.00	0	0	
16331	16586	228.94	150	100	0.00	0	0	
16332	16588	81.79	200	100	0.00	0	0	
16333	16590	0.54	300	100	8088.36	1.32	9.25	
16334	16592	41.53	150	100	0.01	0	0	
16335	16596	277.58	300	100	1453.36	0.24	0.38	
16336	16597	65.01	100	100	0.00	0	0	
16337	16601	69.25	150	100	0.00	0	0	
16338	16602	25.16	100	100	0.00	0	0	
16339	16604	62.61	200	100	0.00	0	0	
16340	16607	70.34	100	100	0.00	0	0	
16341	16609	13.06	300	100	3841.12	0.63	2.33	
16342	16612	61.41	200	100	1715.07	0.63	3.77	
16343	16614	0.74	100	100	3.54	0.01	0	
16344	16615	428.48	200	100	0.01	0	0	
16345	16616	325.04	150	100	143.89	0.09	0.16	
16346	16617	12.25	500	100	2972.88	0.18	0.12	
16347	16618	12	400	100	2963.31	0.27	0.36	
16348	16619	2779.62	200	100	546.35	0.2	0.45	
16349	16620	755.15	100	100	0.03	0	0	
16350	16621	34.1	150	100	344.95	0.23	0.78	
16351	16622	167.98	80	100	0.00	0	0	
16352	16625	25.81	150	100	0.01	0	0	
16353	16626	265.92	400	100	74.19	0.01	0	
16354	16627	62.54	350	100	0.00	0	0	
16355	16630	195.39	400	100	1870.30	0.17	0.15	
16356	16631	2091	300	100	2057.06	0.34	0.73	
16357	16632	1.58	250	100	0.00	0	0	
16358	16633	854.69	250	100	6820.71	1.61	16.39	
16359	16634	61.84	250	100	0.01	0	0	
16360	16638	683.55	200	100	707.37	0.26	0.73	
16361	16639	33.91	200	100	0.00	0	0	
16362	16640	96.11	200	100	98.95	0.04	0.02	
16363	16641	77.21	200	100	667.05	0.25	0.66	
16364	16642	249.48	200	100	526.00	0.19	0.42	
16365	16643	91.45	150	100	209.17	0.14	0.31	
16366	16644	143.36	150	100	0.00	0	0	
16367	16645	126.93	150	100	0.00	0	0	
16368	16648	168.81	150	100	0.00	0	0	

1.2 대전광역시 관로 관망해석자료 (2008년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
16369	16649	52.46	100	100	0.00	0	0	
16370	16650	224.47	80	100	0.00	0	0	
16371	16651	49.46	150	100	0.00	0	0	
16372	16652	122.87	150	100	1277.93	0.84	8.87	
16373	16655	272.54	150	100	0.01	0	0	
16374	16656	0.23	150	100	0.00	0	0	
16375	16657	530.43	150	100	0.00	0	0	
16376	16658	1.11	150	100	0.00	0	0	
16377	16661	36.48	150	100	0.00	0	0	
16378	16663	117.76	100	100	0.00	0	0	
16379	16664	101.07	100	100	204.29	0.3	2.14	
16380	16665	93.76	100	100	0.00	0	0	
16381	16667	58.39	100	100	0.01	0	0	
16382	16668	26.54	100	100	0.00	0	0	
16383	16670	64.11	100	100	0.00	0	0	
16384	16672	103.42	100	100	18.85	0.03	0.03	
16385	16673	53.34	100	100	0.00	0	0	
16386	16676	16.77	300	100	4109.96	0.67	2.64	
16387	16677	2766.21	100	100	272.16	0.4	3.65	
16388	16678	64.32	100	100	916.50	1.35	34.55	
16389	16681	48.86	200	100	266.70	0.1	0.12	
16390	16690	2.51	100	100	5.23	0.01	0	
16391	16691	2.36	80	100	7.44	0.02	0.02	
16392	16692	100.1	80	100	13.56	0.03	0.04	
16393	16693	2.33	200	100	1586.12	0.58	3.26	
16394	16694	10.8	400	100	2213.51	0.2	0.21	
16395	16697	36.15	1000	100	14483.75	0.21	0.08	
16396	16701	8.76	100	100	1153.78	1.7	52.92	
16397	16702	149.97	600	100	5510.80	0.23	0.16	
16398	16703	36.12	350	100	248.17	0.03	0.01	
16399	6651	5	200	100	1185.77	0.44	1.9	
16400	1	7.63	100	100	113.73	0.17	0.72	
16401	3	15.9786	100	100	134.85	0.2	0.99	
16402	13709	158.3997	80	100	0.00	0	0	
16403	16154	42.13	80	100	0.00	0	0	
16404	16166	137.25	80	100	0.00	0	0	
16405	16175	601.8529	500	100	2476.09	0.15	0.09	
16406	16187	90	150	100	4.38	0	0	
16407	14	87.56	100	100	0.01	0	0	
16408	16	62.31	100	100	0.01	0	0	
16409	16118	35	300	100	5978.75	0.98	5.28	
16410	16122	695	300	100	540.31	0.09	0.06	
16411	16124	35	200	100	989.34	0.36	1.36	
16412	16129	149	100	100	715.82	1.05	21.86	
16413	8804	166.86	300	100	33.04	0.01	0	
16414	16055	5	200	100	1560.98	0.58	3.17	
16415	16117	5	250	100	5120.73	1.21	9.64	

제2장 2025년 계획

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
1	85.32	45.2	120.17	34.85	
2	61.4	1.64	94.3	32.9	
3	98.67	0	127.15	28.48	
4	110.4	5.89	223.33	112.93	
5	88.87	16.78	108.78	19.91	
6	79.07	10.18	92.85	13.78	
7	65.21	1.46	117.18	51.97	
8	65.93	24.71	94.05	28.12	
10	122.9	2.86	158.89	35.99	
11	134.7	48.88	296.98	162.28	
12	54.86	13.96	88.51	33.65	
13	43.83	0	95.05	51.22	
14	74.63	34.3	87.78	13.15	
15	177.3	75.77	296.75	119.45	
16	209.61	1.82	375.65	166.04	
17	94.21	25.35	146.9	52.69	
18	57.94	0	92.55	34.61	
19	70.82	1.24	85.5	14.68	
20	78.24	0	86.07	7.83	
21	63.4	40.23	86.23	22.83	
22	62.84	0	86.34	23.5	
23	56.35	17	93.41	37.06	
24	76.7	780.71	92.85	16.15	
25	55.55	2290.45	93.06	37.51	
26	67.1	70.25	90.68	23.58	
27	73.35	57.04	92.72	19.37	
28	74.24	2049.02	92.56	18.32	
29	66.63	0	90.74	24.11	
30	64.84	49.81	92.72	27.88	
31	69.34	0	93.8	24.46	
32	53.78	4.17	93.46	39.68	
33	42.62	12.15	95.88	53.26	
34	42.69	4.12	95.87	53.18	
35	45.25	5.3	94.08	48.83	
36	46.9	56.73	94.11	47.21	
37	46.9	840.59	94.37	47.47	
38	121.74	13.19	186.69	64.95	
39	153.3	66.38	221.27	67.97	
40	161.9	38.98	289.41	127.51	
41	107.67	3.76	298.65	190.98	
42	41.54	7.51	98.26	56.72	
43	40.28	19.85	97.65	57.37	
44	38.68	26.1	100.63	61.95	
45	73.72	220.88	97.49	23.77	
46	54.64	592.36	97.63	42.99	
48	58.54	1563.05	97.67	39.13	
49	52.45	33.11	97.37	44.92	
50	53.33	3.97	97.88	44.55	
51	64.22	70.84	98.02	33.8	
52	64.54	641.06	98.52	33.98	
53	68.19	10.29	102.29	34.1	
54	56.27	11.29	102.12	45.85	
55	67.75	42.27	99.25	31.5	
56	52.09	13	99.02	46.93	
57	48.44	26.01	101.04	52.6	
58	57.05	3.65	100.59	43.54	
59	51.41	11.38	100.4	48.99	
60	59.2	5.66	101.66	42.46	
61	57.72	36.49	99.33	41.61	
62	78.55	74.05	99.79	21.24	
63	77.45	70.7	100.05	22.6	
64	82.08	107.26	119.14	37.06	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
65	80.74	29.55	99.28	18.54	
66	50.05	12.7	94.04	43.99	
67	64.21	3.57	99.79	35.58	
68	76.58	494.65	102.44	25.86	
69	54.5	89.93	99.83	45.33	
70	60.75	226.25	97.65	36.9	
71	44.4	17.67	100.19	55.79	
72	46.28	5.05	101.07	54.79	
73	49.37	44.09	101.06	51.69	
74	48.54	79.09	100.78	52.24	
75	45.42	0	98.88	53.46	
76	46.7	59.06	100.09	53.39	
77	83.58	31.14	96.8	13.22	
78	67.39	204.87	96.52	29.13	
79	40.35	51.55	96.27	55.92	
80	44.52	467.8	96.82	52.3	
81	49.79	82.22	97.31	47.52	
82	45.91	0	97.24	51.33	
83	80.18	71.07	98.26	18.08	
84	70.49	195.33	98.82	28.33	
85	43.25	15.78	94.99	51.74	
86	40.52	5.16	95.35	54.83	
87	42.23	146.19	96.48	54.25	
88	43.02	159.47	99.37	56.35	
89	40.37	1354.36	95.56	55.19	
90	42.85	1433.4	96.12	53.27	
91	54.09	0	90.23	36.14	
92	40.11	119.85	94.62	54.51	
93	44.23	2400.37	97.43	53.2	
94	42.41	1556.46	97.4	54.99	
95	40.72	1640.45	96.99	56.27	
96	40.85	1570.6	96.8	55.95	
97	44.47	71.39	97.19	52.72	
98	40.83	798.12	97.27	56.44	
99	42.63	868.53	96.83	54.2	
100	40.57	12.01	94.39	53.82	
101	59.48	0	97.97	38.49	
102	60.28	40.85	97.8	37.52	
103	43.46	10.2	95.58	52.12	
104	43.3	561.1	97.16	53.86	
105	62.93	71.93	97.19	34.26	
106	72.68	9.93	97.82	25.14	
107	80.16	95.35	140.19	60.03	
108	60.77	276.43	98.32	37.55	
109	53.05	0	97.86	44.81	
110	49.05	11.59	94.87	45.82	
111	61.05	12.22	98.61	37.56	
112	52.77	19.87	95.79	43.02	
113	53.15	39.73	95.31	42.16	
114	52.46	0	94.82	42.36	
115	43.8	9.38	96.32	52.52	
116	45.5	0	96.75	51.25	
117	49.12	76.66	95.95	46.83	
118	47.12	8.35	96.12	49	
119	71.49	1.96	92.28	20.79	
120	53.08	53.46	94.63	41.55	
121	56.44	28.87	94.56	38.12	
122	53.34	9.13	94.7	41.36	
123	75.27	0	97.04	21.77	
124	67.07	45.73	96.28	29.21	
125	63.93	40.86	94.74	30.81	
126	67.07	45.59	94.82	27.75	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
127	55.61	17.83	94.38	38.77	
128	70.68	32.24	96.83	26.15	
129	63.57	6.23	96.42	32.85	
130	67.4	3.37	99.34	31.94	
131	65.62	10.15	100.13	34.51	
132	76.36	10.77	99.54	23.18	
133	72.67	0	99.5	26.83	
134	36.5	2.53	95.27	58.77	
135	39.1	17.03	95.28	56.18	
137	41.91	6.49	97.67	55.76	
139	59.09	52.65	96.54	37.45	
140	61.88	1500.05	97.55	35.67	
141	63.85	5.87	98.63	34.78	
142	50.83	8.12	95.44	44.61	
143	42.58	15.94	95.48	52.9	
144	41.63	12.78	97.93	56.3	
145	43.68	96.33	97.49	53.81	
146	47.18	7.7	100.67	53.49	
147	42.05	17.63	95.13	53.08	
148	46.75	94.35	95.03	48.28	
149	63.11	8.31	98.52	35.41	
150	153.16	13.58	198.04	44.88	
151	61.91	14.6	129.62	67.71	
152	32.25	398.54	92.85	60.6	
153	31.75	2.58	92.84	61.09	
154	34.87	1839.43	93.96	59.09	
155	41.44	33.94	99.13	57.69	
156	34.8	215.94	95.98	61.18	
157	47.92	57.91	95.09	47.17	
158	117.76	31.15	160	42.24	
159	79.56	0	94.21	14.65	
160	37.54	13.62	131.52	93.98	
161	36.67	19.38	131.55	94.88	
162	44.79	2.02	131.55	86.76	
163	36.13	3.86	131.67	95.54	
164	63.45	6.34	130.75	67.3	
165	47.71	16.56	130.75	83.04	
166	55.78	18.03	131.8	76.02	
167	66.19	19.33	129.65	63.46	
168	58.71	13.9	131.81	73.1	
170	58	27.83	129.59	71.59	
171	65.1	10.34	129.61	64.51	
172	98.41	0.43	129.62	31.21	
173	47.69	36.05	91.99	44.3	
174	30.84	14.65	93.21	62.37	
175	31.93	19.38	66.87	34.94	
176	40.93	28.77	97.42	56.49	
177	43.44	9.9	99.14	55.7	
178	39.18	78.72	96.05	56.87	
179	31.42	98.44	91.87	60.45	
180	29.07	0.05	93.01	63.94	
181	35.21	1311.36	91.81	56.6	
182	48.3	18.69	97.06	48.76	
183	47.55	1372.98	95.48	47.93	
184	100.86	7.8	169.48	68.62	
185	54.16	112.8	95.96	41.8	
186	65.09	13.38	97.74	32.65	
187	78.74	31.29	100.33	21.59	
188	75.16	0	118.2	43.04	
189	63.49	35.41	99.59	36.1	
190	48.76	110.39	95.58	46.82	
191	52.14	9.46	97.61	45.47	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
192	64.08	22.31	97.84	33.76	
193	64.82	714.21	99.14	34.32	
194	78.26	46.1	168.77	90.51	
195	78.26	0	100.14	21.88	
196	88.66	24.92	164.18	75.52	
197	70.15	0	91.44	21.29	
198	77.71	172.11	139.34	61.63	
200	96.29	2.47	143.82	47.53	
201	64.45	100.99	201.9	137.45	
202	62.86	3.79	202.1	139.24	
203	70.05	25.11	95.62	25.57	
204	72.58	45.01	110.21	37.63	
205	68.13	372.57	141.53	73.4	
206	68.85	38.68	96.52	27.67	
207	71.06	17.85	96.05	24.99	
208	70.12	112.32	95.91	25.79	
210	64.48	88.61	96.88	32.4	
211	41.67	23.4	99.8	58.13	
212	77.69	3.46	99.83	22.14	
213	82.8	305.86	100.23	17.43	
214	50.56	208.01	93.41	42.85	
215	42.86	0	96.16	53.3	
216	48.48	53.19	92.6	44.12	
217	120.48	85.67	249.98	129.5	
218	105.69	24.14	161.98	56.29	
219	119.09	2.31	128.96	9.87	
220	187.55	1.08	238.4	50.85	
221	63.48	25.94	94.75	31.27	
222	60.06	19.97	94.45	34.39	
223	30.57	19	92.38	61.81	
224	46.22	1.64	98.95	52.73	
225	30.95	27.98	93.24	62.29	
226	32.31	1826.49	92.67	60.36	
227	31.14	16.99	93.23	62.09	
228	30.86	12.36	93.23	62.37	
229	32.19	25.46	93.13	60.94	
230	31.25	27.1	93.18	61.93	
231	31.31	11.01	93.21	61.9	
232	30.44	15.19	93.42	62.98	
233	30.71	12.34	93.13	62.42	
234	31.59	16.96	93.22	61.63	
235	30.81	14.05	93.23	62.42	
236	30.81	9.5	93.23	62.42	
237	31.11	13.56	93.22	62.11	
238	30.92	2.21	93.28	62.36	
239	31.59	7.95	93.08	61.49	
240	31.11	24.28	93.17	62.06	
241	31.1	17.8	93.13	62.03	
242	31.11	17.78	93.11	62	
243	31.08	18.23	93.08	62	
244	31.2	145.85	92.37	61.17	
245	31.5	49.05	93.12	61.62	
246	31.38	15.21	93.08	61.7	
247	31.74	148.72	93.06	61.32	
248	33.29	8.84	93.07	59.78	
249	35.87	29.25	92.75	56.88	
250	34.25	11.21	93.07	58.82	
251	32.01	47.7	93.08	61.07	
252	31.23	7.27	92.57	61.34	
253	31.82	24.24	92.57	60.75	
254	30.86	19.68	92.59	61.73	
255	30.95	13.42	92.58	61.63	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
256	34.11	63.73	93.78	59.67	
257	32.15	32.6	92.78	60.63	
258	33.44	206.81	92.8	59.36	
259	34.65	9.47	92.81	58.16	
260	45.71	3.28	92.82	47.11	
261	32.63	13.85	94.22	61.59	
262	37.37	9.9	92.81	55.44	
263	39.36	10.6	92.82	53.46	
264	43.13	194.87	93.38	50.25	
265	41.66	9.49	92.84	51.18	
266	36.56	18.2	96.01	59.45	
267	35.17	30.33	96	60.83	
268	36.13	133.93	96.03	59.9	
269	35.77	7.46	96.03	60.26	
270	36.72	30.01	96.01	59.29	
271	37.8	51.16	96.01	58.21	
272	35.33	18.78	96.03	60.7	
273	35.56	13.69	96.05	60.49	
274	38.5	14.2	96.04	57.54	
275	35.64	13	96.03	60.39	
276	36.17	18.25	96.03	59.86	
277	31.81	27.45	96	64.19	
278	35.54	52.17	96.02	60.48	
279	32.55	40.88	96.01	63.46	
280	39.29	28.27	96.01	56.72	
281	36.5	18.02	96.01	59.51	
282	40.24	32.81	96.02	55.78	
283	36.52	45.66	96.03	59.51	
284	40.47	75.01	96.03	55.56	
285	36.87	71.47	96.03	59.16	
286	50.54	12.65	96.04	45.5	
287	36.26	278.36	96	59.74	
288	31.11	7.99	96	64.89	
289	41.77	47.85	96.02	54.25	
290	39.38	18.82	96.01	56.63	
291	42.39	54.87	96.04	53.65	
292	49.18	20.76	96.04	46.86	
293	49.1	15.27	96.04	46.94	
294	49.75	13.98	96.05	46.3	
295	47.17	12.57	96.05	48.88	
296	49.83	12.78	96.05	46.22	
297	49.77	8.85	96.05	46.28	
298	47.63	14.53	96.05	48.42	
299	45.24	57.47	96.05	50.81	
300	46.54	12.74	96.05	49.51	
301	49.49	2.18	96.05	46.56	
302	45.39	669.37	96.05	50.66	
303	46.22	380.99	96.04	49.82	
304	42.51	107.68	96.08	53.57	
305	36.69	11.92	96.08	59.39	
306	41.75	74.58	96.07	54.32	
307	34.53	46.14	96.22	61.69	
308	34.53	75.45	96.15	61.62	
309	33.33	79.37	96.19	62.86	
310	34.22	7.37	96.24	62.02	
311	38.69	30.84	96.09	57.4	
312	33.62	37.89	96.16	62.54	
313	32.9	2.02	96.14	63.24	
314	43.38	42.39	96.06	52.68	
315	49.12	46.34	96.04	46.92	
316	33.13	64.92	96.14	63.01	
317	32.55	13.48	96.02	63.47	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
318	33.49	438.89	95.99	62.5	
319	41.36	52.57	96.01	54.65	
320	31.94	26.03	96.01	64.07	
321	31.38	9.06	96.01	64.63	
322	30.07	20.26	96	65.93	
323	30.2	0	95.99	65.79	
324	30.35	64.86	96	65.65	
325	31.66	10.4	96	64.34	
326	31.52	1.99	96	64.48	
327	31.15	3.99	96	64.85	
328	31.34	0.34	96	64.66	
329	31.23	5.98	96	64.77	
330	30.93	0.19	96	65.07	
331	30.6	7.12	96	65.4	
332	30.53	15.24	96	65.47	
333	30.64	0	95.86	65.22	
334	30.92	0	95.86	64.94	
335	30.17	0	95.99	65.82	
336	30.87	7.77	95.86	64.99	
337	30.87	14.06	95.86	64.99	
338	35.53	17.23	95.87	60.34	
339	36.4	28.36	95.91	59.51	
340	45.72	26.99	96.14	50.42	
341	45.29	46.45	96.15	50.86	
342	41.32	7.21	96.15	54.83	
343	30.46	8.74	95.89	65.43	
344	30.35	141.53	95.87	65.52	
345	29.69	72.96	95.87	66.18	
346	31.73	288.65	95.97	64.24	
347	31.56	93.14	95.87	64.31	
348	32.63	50.12	95.89	63.26	
349	30.7	9.26	95.93	65.23	
350	32.75	116.2	96.08	63.33	
351	34.41	152.03	95.94	61.53	
352	30.7	26.4	95.93	65.23	
353	31.34	8.15	95.92	64.58	
354	34.28	42.12	95.91	61.63	
355	36.45	24.4	95.94	59.49	
356	33.06	17.27	96.17	63.11	
357	33.09	4.85	96.21	63.12	
358	34.36	1.4	96.3	61.94	
359	34.44	8.07	96.3	61.86	
360	34.31	10.21	96.34	62.03	
361	33.94	12.04	96.28	62.34	
362	36.17	11.1	96.48	60.31	
363	34.18	150.23	96.21	62.03	
364	33.38	12.05	96.13	62.75	
365	34.09	102.52	96.32	62.23	
366	38.34	9.64	96.13	57.79	
367	37.25	16.08	96.03	58.78	
368	40.54	13.95	96.16	55.62	
369	36.17	12.32	96.42	60.25	
370	36.53	14.65	96.62	60.09	
371	36.53	30.1	96.56	60.03	
372	37.72	13.07	96.76	59.04	
373	34.51	39.98	96.32	61.81	
374	40.45	24.36	96.57	56.12	
375	34.31	7.42	96.37	62.06	
376	35.67	15.38	96.38	60.71	
377	34.49	61.55	96.32	61.83	
378	44.31	57.87	96.14	51.83	
379	38.37	39.42	96	57.63	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
380	42.62	19.7	96.15	53.53	
381	40.12	86.69	96.15	56.03	
382	38.41	269.87	96.17	57.76	
383	40.27	168.72	96.17	55.9	
384	38.73	47.53	97.19	58.46	
385	39.81	57.38	96.64	56.83	
386	46.79	18.45	96.64	49.85	
387	40.33	22.64	96.57	56.24	
388	40.48	4.14	96.43	55.95	
389	34.73	19.42	96.27	61.54	
390	37.7	89.65	96.36	58.66	
391	41.51	2.64	96.43	54.92	
392	42.49	12.43	96.52	54.03	
393	41.8	11.43	96.39	54.59	
394	36.78	11.27	96.39	59.61	
395	45.46	20.94	96.53	51.07	
396	49.67	17.43	96.73	47.06	
397	45.56	16.91	96.52	50.96	
398	46.74	36.57	96.56	49.82	
399	48.07	28.57	96.6	48.53	
400	43.65	17.01	97.57	53.92	
401	46.78	18.8	97.19	50.41	
402	44.06	8.42	97.17	53.11	
403	50.69	48.92	97.45	46.76	
404	39.81	98.65	97.36	57.55	
405	39.57	66.25	97.19	57.62	
406	40.51	91.86	97.16	56.65	
407	44.87	100.16	97.17	52.3	
408	41.47	41.64	97.38	55.91	
409	47.09	67.9	97.17	50.08	
410	50.56	100.09	97.24	46.68	
411	43.48	58.24	97.32	53.84	
412	50.11	44.54	97.33	47.22	
413	52.42	20.66	97.41	44.99	
414	52.53	17.05	97.43	44.9	
415	46.55	19.29	97.63	51.08	
416	44.56	31.1	97.34	52.78	
417	45.67	57.83	97.43	51.76	
418	46.55	145.05	97.43	50.88	
419	53.39	188.07	97.44	44.05	
420	49.11	2.94	98.08	48.97	
421	52.52	154.78	97.49	44.97	
422	53.58	4.02	98.93	45.35	
423	51.11	4.61	98.44	47.33	
424	49.23	10.97	98.08	48.85	
425	47.83	21.13	98.16	50.33	
426	48.37	12.75	97.88	49.51	
427	45.59	24.48	97.53	51.94	
428	49.57	22.18	97.55	47.98	
429	43.58	30.72	97.41	53.83	
430	51.36	47.5	97.46	46.1	
431	50.31	14.23	97.3	46.99	
432	49.92	14.64	97.46	47.54	
433	47.05	36.94	97.55	50.5	
434	51.1	72.42	97.41	46.31	
435	50.36	20.76	97.45	47.09	
436	48.88	67.11	97.48	48.6	
437	46.9	130.84	98.47	51.57	
438	50.52	30.15	97.66	47.14	
439	51.33	72.45	97.8	46.47	
440	48.37	206.83	97.98	49.61	
441	49.34	88.59	97.94	48.6	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
442	46.38	2.96	98.95	52.57	
443	46.87	74.97	98.47	51.6	
444	60.53	23.81	99.4	38.87	
445	53.3	10.36	99.02	45.72	
446	56.67	20.87	99.45	42.78	
447	57.17	0	99.4	42.23	
448	57.85	0	99.4	41.55	
449	58.52	13.38	99.58	41.06	
450	55.84	9.42	99.39	43.55	
451	59.89	17.86	99.41	39.52	
452	52.52	9.96	99.07	46.55	
453	57.71	11.67	99.37	41.66	
454	58.52	11.66	99.37	40.85	
455	61.17	10.12	99.4	38.23	
456	49.57	12.75	98.95	49.38	
457	50.73	13.71	99.21	48.48	
458	39.78	34.24	99.56	59.78	
459	40.72	19.8	99.66	58.94	
460	39.44	8.39	99.47	60.03	
461	49.81	68.85	99.49	49.68	
462	42.54	12.9	99.52	56.98	
463	59.36	14.83	99.48	40.12	
464	56.71	166.55	99.12	42.41	
465	45.45	10.07	99.5	54.05	
466	46.53	8.56	99.5	52.97	
467	52.39	10.3	99.49	47.1	
468	49.65	13.89	99.49	49.84	
469	45.51	12.2	99.46	53.95	
470	50.62	0.34	99.49	48.87	
471	51.86	10.88	99.49	47.63	
472	49.63	10.4	99.48	49.85	
473	49.19	0.98	99.48	50.29	
474	48.6	4.32	99.49	50.89	
475	50.51	9.57	99.48	48.97	
476	41.79	20.11	99.03	57.24	
477	38.47	20.61	99.46	60.99	
478	39.94	8.64	99.47	59.53	
479	39.06	7.88	99.47	60.41	
480	38.5	12.03	99.46	60.96	
481	39.29	122.33	96.05	56.76	
482	40.24	17.33	96.04	55.8	
483	39.53	8.44	95.97	56.44	
484	34.19	0.01	95.96	61.77	
485	34.55	39.76	95.96	61.41	
486	37.89	40.71	95.96	58.07	
487	39.08	17.06	95.97	56.89	
488	38.16	29.51	95.96	57.8	
489	39.08	17.4	95.97	56.89	
490	39.39	13.55	95.97	56.58	
491	41.38	50.2	96.05	54.67	
492	43.5	22.75	96.07	52.57	
493	42.94	37.24	96.08	53.14	
494	41.17	9.78	96.09	54.92	
495	40.47	9.37	96.1	55.63	
496	39.89	24.7	96.1	56.21	
497	48.14	13.07	96.08	47.94	
498	43.81	20.35	95.81	52	
499	37.31	17.75	95.47	58.16	
500	47.42	18.98	96.11	48.69	
501	43.33	52.64	95.81	52.48	
502	36.94	22.93	95.51	58.57	
503	44.84	11.55	96.14	51.3	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
504	43.53	2.45	95.82	52.29	
505	42.89	41.46	96.13	53.24	
506	36.83	49.95	96.12	59.29	
507	43.34	36.09	96.1	52.76	
508	42.13	67.89	96.09	53.96	
509	50.51	73.32	96.08	45.57	
510	48.49	46.91	96.08	47.59	
511	48.34	207.64	96.05	47.71	
512	43.5	9.01	96.06	52.56	
513	41.88	68.23	96.05	54.17	
514	38.91	28.21	96.06	57.15	
515	39.55	15.54	96.06	56.51	
516	39.66	20.48	96.06	56.4	
517	39.4	42.72	96.05	56.65	
518	51.6	130.64	96.08	44.48	
519	44.53	125.3	96.08	51.55	
520	48.6	107.59	96.08	47.48	
521	46.08	136.2	96.1	50.02	
522	46.73	11.87	96.15	49.42	
523	52.51	182.34	96.17	43.66	
524	44.76	63.18	96.19	51.43	
525	50.44	102.08	96.17	45.73	
526	50.45	77.02	96.17	45.72	
527	48.32	0	96.26	47.94	
528	47.39	11.44	96.16	48.77	
529	50.27	61.49	96.26	45.99	
530	53.31	16.31	96.31	43	
531	56.44	79.25	96.35	39.91	
532	60	74.41	97.19	37.19	
533	67.36	365.27	96.25	28.89	
534	56.25	26.33	96.53	40.28	
535	52.5	31.57	96.32	43.82	
536	61.1	29.09	96.77	35.67	
537	59.13	67.3	96.36	37.23	
538	61.33	12.24	97.09	35.76	
539	58.35	116.06	97.2	38.85	
540	45.41	60.1	98.04	52.63	
541	52.9	67.03	97.23	44.33	
542	61.48	42.67	96.77	35.29	
543	57.4	52.61	97.31	39.91	
544	60.61	72.72	97.07	36.46	
545	51.33	21.35	97.36	46.03	
546	42.61	28.69	99.06	56.45	
547	51.66	49.57	98.03	46.37	
548	48.09	40.18	98.56	50.47	
549	48.66	19.25	98.55	49.89	
550	51.42	5.32	98.55	47.13	
551	43.54	65.04	99.05	55.51	
552	41.93	7.28	99.14	57.21	
553	43.43	110.97	96.43	53	
554	44.59	16.58	97.13	52.54	
555	43.77	12.97	98.03	54.26	
556	43.62	20.93	99.19	55.57	
557	46.78	76.69	98.51	51.73	
558	47.53	88.02	97.9	50.37	
559	43.9	2.85	98.64	54.74	
560	47.87	42.47	98.55	50.68	
561	49.86	90.43	98.05	48.19	
562	50.6	56.83	96.37	45.77	
563	52.13	38.35	96.41	44.28	
564	53.36	42.77	96.76	43.4	
565	54.46	61.25	97.28	42.82	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
566	54.43	80.23	97.64	43.21	
567	49.8	64.86	97	47.2	
568	47.53	15.78	97.8	50.27	
569	51.48	55.72	97.62	46.14	
570	47.75	42.25	97.94	50.19	
571	49.41	14.87	95.09	45.68	
572	53.57	47.51	95.09	41.52	
573	49.56	10.96	95.09	45.53	
574	51.52	4.99	95.09	43.57	
575	51.69	14.05	95.1	43.41	
576	53.25	8.09	95.09	41.84	
577	55.07	20.02	95.14	40.07	
578	55.37	6.81	95.1	39.73	
579	56.53	420.84	95.2	38.67	
580	57.43	7.9	95.09	37.66	
581	57.94	5.57	95.09	37.15	
582	57.34	17.05	95.08	37.74	
583	61.54	185.63	95.08	33.54	
584	52.78	15.75	95.08	42.3	
585	54.93	14.05	95.08	40.15	
586	56.21	20.11	95.08	38.87	
587	53.46	14.34	95.08	41.62	
588	39.7	31.91	144.7	105	
589	51.24	22.29	144.61	93.37	
590	65.1	8.14	144.69	79.59	
591	37.89	71.33	145.42	107.53	
592	116.7	96.86	170.48	53.78	
593	84.1	19.34	170.42	86.32	
594	91.6	19.24	188.78	97.18	
595	77.98	23.29	188.64	110.66	
596	98.34	43.68	219.46	121.12	
597	81.69	20.9	219.44	137.75	
598	80.94	71.74	229.48	148.54	
599	101.94	66.4	228.74	126.8	
600	95.42	9.59	243.91	148.49	
601	87.15	9.03	243.9	156.75	
602	108.6	40.84	254.68	146.08	
604	123.2	35.74	181.8	58.6	
605	136.44	33.87	181.59	45.15	
606	138.5	17.62	181.62	43.12	
607	119.92	16.82	181.57	61.65	
608	89.45	34.11	181.26	91.81	
609	98.21	36.59	181.34	83.13	
610	84.95	33.53	181.38	96.43	
611	83.05	44.7	181.32	98.27	
612	81.1	8.69	181.32	100.22	
613	82.36	25.08	181.31	98.95	
614	80.5	0	181.28	100.78	
615	83.2	107.07	180.72	97.52	
616	80.7	31.62	181.21	100.51	
617	89.4	8.48	181.19	91.79	
618	119.72	17.37	181.04	61.32	
619	78.8	7.86	180.71	101.91	
620	95.71	53.09	179.97	84.26	
621	85.09	23.26	178.87	93.78	
622	113.54	19.74	181.59	68.05	
623	101.68	47.18	180.57	78.89	
624	122.82	31.84	181.57	58.75	
625	105.7	1.11	180.57	74.87	
626	99.57	89.44	179.78	80.21	
627	91.88	0.83	179.8	87.92	
628	101.47	3.1	179.78	78.31	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
629	84.25	8.92	179.34	95.09	
630	80.39	8.82	179.23	98.84	
631	77.57	88.71	179.18	101.61	
632	135.17	6.48	176.82	41.65	
633	124.13	69.19	176.65	52.52	
634	130.92	18.88	176.8	45.88	
635	131.7	17.1	176.8	45.1	
636	118.25	32.85	176.82	58.57	
637	91.57	21.21	176.89	85.32	
638	96.66	2.1	176.9	80.24	
639	92.15	7.47	126.86	34.71	
640	103.23	3.56	176.9	73.67	
641	115.6	9.72	159.32	43.72	
642	91.5	10.56	159.32	67.82	
643	81.14	431.16	159.01	77.87	
644	91.8	3.82	159.33	67.53	
645	83.54	19.51	159.31	75.77	
646	104.2	15.63	159.48	55.28	
647	125.6	10.5	159.33	33.73	
648	129.04	15.63	158.88	29.84	
650	99.8	91.49	159.61	59.81	
651	95.6	29.21	159.37	63.77	
652	63.53	11.95	95.46	31.93	
653	53.34	14.53	95.47	42.13	
654	59.77	7.78	95.47	35.7	
655	46.6	155.68	95.47	48.87	
656	43.91	6.84	95.48	51.57	
657	45.67	59.8	95.48	49.81	
658	41.73	10.46	95.47	53.74	
659	42.82	8.65	95.48	52.66	
660	42.88	10.3	95.48	52.6	
661	49.13	13.33	95.48	46.35	
662	47.35	10.42	95.46	48.11	
663	49.13	1.96	95.48	46.35	
664	46.56	7.9	95.46	48.9	
665	45.33	10.33	95.46	50.13	
666	43.58	9.68	95.46	51.88	
667	55.79	7.14	95.46	39.67	
668	46.75	9.6	95.49	48.74	
669	43.81	0	95.48	51.67	
670	41.86	0	95.46	53.6	
671	40.1	13.15	95.49	55.39	
673	51.48	34.43	95.52	44.04	
674	67.33	11.56	95.78	28.45	
675	42.24	48.48	95.49	53.25	
676	41.84	8.45	95.49	53.65	
677	43.78	13.9	95.5	51.72	
678	47.72	84.57	95.51	47.79	
679	42.65	11.56	95.51	52.86	
680	41.14	12.46	95.5	54.36	
681	40.64	10.48	95.49	54.85	
682	40.48	7.51	95.5	55.02	
683	40.44	11.97	95.51	55.07	
684	40.65	6.95	95.49	54.84	
685	38.83	14.04	95.49	56.66	
686	157.53	5.48	229.51	71.98	
687	76.29	28.8	120.06	43.77	
688	69.15	13.81	120.08	50.93	
689	66.85	5.02	120.08	53.23	
690	66.18	8.06	120.08	53.9	
691	69.48	26.81	120.09	50.61	
692	42.23	266.97	94.74	52.51	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
693	57.18	48.28	94.74	37.56	
694	53.2	56.37	94.76	41.56	
695	41.27	5.41	94.78	53.51	
696	39.59	12.46	95.13	55.54	
697	40.26	18.44	95.11	54.85	
698	68.67	11.26	96.12	27.45	
699	40.74	25.3	95.04	54.3	
700	41.08	10.14	95.03	53.95	
701	42.76	72.72	95.14	52.38	
702	42.58	18.32	94.74	52.16	
703	42.5	1225.62	94.74	52.24	
704	67.69	40.25	96.07	28.38	
705	47.21	216.23	96.13	48.92	
706	47.09	5.67	96.15	49.06	
707	48.65	0	96.3	47.65	
708	48.65	0	96.3	47.65	
709	48.66	2.93	96.31	47.65	
710	61.28	446.11	95.8	34.52	
711	67.64	82.02	96.12	28.48	
712	44.87	7.75	95.05	50.18	
713	44.6	11.85	96.42	51.82	
714	43.49	9.06	95.12	51.63	
715	44.9	21.32	95.05	50.15	
716	46.44	13.42	95.05	48.61	
717	48.71	4.47	95.12	46.41	
718	44.41	16.81	95.04	50.63	
719	42.7	12.49	95.02	52.32	
720	44.21	1.85	95.03	50.82	
721	44.25	11.77	95.04	50.79	
722	42.36	29.26	95.04	52.68	
723	42.77	4.47	95.03	52.26	
724	45.38	41.38	95.03	49.65	
725	43.88	9.71	95.05	51.17	
726	42.56	10.6	95.06	52.5	
727	40.46	10.81	95.2	54.74	
728	44.05	8.35	95.2	51.15	
729	70.75	12.1	96.13	25.38	
730	55.06	8.28	96.06	41	
731	38.9	18.54	100.64	61.74	
732	40.76	307.57	97.64	56.88	
733	40.46	11.84	98.33	57.87	
734	39.85	18.74	100.64	60.79	
735	40.33	8.23	98.56	58.23	
736	40.75	9.62	98.52	57.77	
737	40.14	259.2	100.64	60.5	
738	41.79	56.1	98.53	56.74	
739	43.51	191.85	98.01	54.5	
740	45.25	39.68	98.95	53.7	
741	42.66	48.07	100.6	57.94	
742	40.24	49.53	98.49	58.25	
743	40.24	0	98.49	58.25	
744	40.4	8.04	98.49	58.09	
745	46.16	138.44	97.73	51.57	
746	51.6	763.32	97.45	45.85	
747	50.06	901.32	97.99	47.93	
748	68.42	1.55	96.78	28.36	
749	68.77	16.12	96.71	27.94	
750	71.24	4.18	96.67	25.43	
751	65.57	12.58	96.67	31.1	
752	77.56	7.81	96.67	19.11	
753	78.19	1.72	96.66	18.47	
754	70.17	5.29	96.66	26.49	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
755	69.54	18.33	96.64	27.1	
756	64.73	10.11	96.66	31.93	
757	66.68	1.65	96.63	29.95	
758	63.58	14.48	96.64	33.06	
759	66.49	9.09	96.61	30.12	
760	62.54	1.61	96.63	34.09	
761	66.8	14.55	96.59	29.79	
762	63.39	12.58	96.56	33.17	
763	66.51	8.65	96.59	30.08	
764	58.75	19.38	96.56	37.81	
765	65.7	14.91	96.58	30.88	
766	59.5	8.02	96.47	36.97	
767	60.65	11.21	96.58	35.93	
768	52.64	13.94	96.59	43.95	
769	51.95	0	96.59	44.64	
770	55.94	11.21	96.59	40.65	
771	48.93	27.59	96.57	47.64	
772	48.71	0	96.57	47.86	
773	47.86	50.37	96.56	48.7	
774	47.82	1344.33	96.56	48.74	
775	55.6	12.02	96.38	40.78	
776	55.6	12.4	96.38	40.78	
777	57.23	10.24	96.37	39.14	
778	57.5	8.84	96.45	38.95	
779	54.46	19.38	96.31	41.85	
780	55.6	5.74	96.38	40.78	
781	55.48	10.35	96.13	40.65	
782	56.33	0.42	96.03	39.7	
783	59.85	18.46	96.17	36.32	
784	54.82	10.53	96.32	41.5	
785	66.38	14.9	96.57	30.19	
786	78.54	8.73	96.54	18	
787	63.39	10.55	96.57	33.18	
788	57.59	13.55	96.31	38.72	
789	66.38	12.02	96.54	30.16	
790	68.6	8.18	96.61	28.01	
791	82.81	12.49	96.61	13.8	
792	77.64	11.42	96.64	19	
793	72.37	14.7	96.61	24.24	
794	80.81	8.18	96.58	15.77	
795	69.38	16.91	96.45	27.07	
796	65.64	142.04	96.13	30.49	
797	55.45	14.94	96.29	40.84	
798	64.16	17.3	96.23	32.07	
799	76.76	12	96.28	19.51	
800	59.67	8.73	96.21	36.54	
801	62.51	8.73	96.18	33.67	
802	67.52	60.27	96.18	28.66	
803	77.71	11.12	96.24	18.53	
804	65.46	60.27	96.17	30.71	
805	71.71	85.32	96.1	24.39	
806	58.57	18.22	96.13	37.56	
807	70.51	16.09	96.25	25.74	
808	77.8	19.43	96.26	18.46	
809	74.45	16.91	96.18	21.73	
810	70.25	13.72	96.13	25.88	
811	61.27	8.73	96.13	34.86	
812	70.41	9.65	96.24	25.83	
813	73.59	10.64	96.18	22.59	
814	65.38	8.73	96.16	30.78	
815	63.79	35.74	96.26	32.47	
816	62.5	10.64	96.22	33.72	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
817	65.55	8.73	96.24	30.69	
818	56.56	14.92	96.21	39.65	
819	62.5	14.48	96.24	33.74	
820	58.94	99.84	96.21	37.27	
821	62.55	8.49	96.24	33.69	
822	61.72	10.7	96.23	34.51	
823	56.56	18.46	96.13	39.57	
824	58.79	10.11	96.13	37.34	
825	58.79	11.62	96.13	37.34	
826	58.57	9.86	96.13	37.56	
827	55.88	21.18	96.11	40.23	
828	57.15	19.44	96.11	38.96	
829	66.17	65.75	96	29.83	
830	67.21	60.27	96	28.79	
831	56.56	9.88	96.13	39.57	
832	55.2	19.74	96.59	41.39	
833	32.4	12.48	95.96	63.56	
834	30.62	0	95.84	65.22	
835	58.93	11.23	96.91	37.98	
836	59.2	1207.31	96.34	37.14	
837	54.52	767	95.5	40.98	
838	59.82	1641.66	95.66	35.84	
839	60.4	1547.62	96.03	35.63	
840	58.39	14.24	97.17	38.78	
841	58.48	14.17	97.22	38.74	
842	58.4	17.42	97.36	38.96	
843	56.02	28.23	97.01	40.99	
844	57.45	74.82	97.06	39.61	
845	59.38	555.4	97.51	38.13	
846	68.13	436.87	97.71	29.58	
847	74.7	74.24	97.57	22.87	
848	69.33	9.65	97.91	28.58	
849	68.72	4.81	97.79	29.07	
850	70.35	15.08	97.94	27.59	
851	71.38	24.24	98.25	26.87	
852	72.94	22.26	98.15	25.21	
853	73.65	15.64	98.33	24.68	
854	75.79	24.56	97.95	22.16	
855	71.65	52.72	97.94	26.29	
856	74.84	15.63	97.88	23.04	
857	75.16	60.94	97.88	22.72	
858	68.82	38.34	97.84	29.02	
859	73.25	18.25	97.93	24.68	
860	76.18	14.91	98.05	21.87	
861	76.9	9.87	97.93	21.03	
862	74.74	20.1	97.92	23.18	
863	77.32	10.52	98.24	20.92	
864	78.69	13.31	119.99	41.3	
865	78.47	9.17	97.91	19.44	
866	75.88	13.42	97.9	22.02	
867	78.86	31.19	97.89	19.03	
868	74.6	13.56	98.23	23.63	
869	77.82	17.41	119.99	42.17	
870	78.7	12.1	119.99	41.29	
871	57.59	20.36	99.85	42.26	
872	60.45	0	119.99	59.54	
873	68.22	7.74	99.81	31.59	
874	72.3	11.94	98.94	26.64	
875	75.82	10.38	98.67	22.85	
876	57.95	12.47	99.92	41.97	
877	69.06	9.9	100.06	31	
878	69.09	0.91	99.96	30.87	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
879	58.69	12.74	99.92	41.23	
880	57.59	20.53	99.77	42.18	
881	79.66	18.15	119.99	40.33	
882	78.59	51.68	119.99	41.4	
883	67.74	23.34	99.61	31.87	
884	72.29	17.69	99.04	26.75	
885	57.33	8.09	98.95	41.62	
886	73.32	17.56	99.07	25.75	
887	72.92	34.02	99.07	26.15	
888	74.6	41.88	98.8	24.2	
889	63.91	7.23	100.04	36.13	
890	64.1	2.32	99.93	35.83	
891	62.37	10.07	99.93	37.56	
892	64.1	13.42	99.93	35.83	
893	67.52	32.14	99.95	32.43	
894	64.13	13.47	99.51	35.38	
895	65.73	24.4	99.52	33.79	
896	58.36	20.94	99.64	41.28	
897	75.35	20.28	99.69	24.34	
898	74.6	29.62	98.28	23.68	
899	61.12	18.65	99.77	38.65	
900	58.38	20.94	99.64	41.26	
901	59.74	31.98	99.93	40.19	
902	69.62	14.21	99.41	29.79	
903	72.42	17.71	99.21	26.79	
904	66.2	13.71	99.41	33.21	
905	69.43	13.68	99.21	29.78	
906	59.43	19.04	100.02	40.59	
907	59.91	18.27	99.45	39.54	
908	59.91	38.71	99.37	39.46	
909	56.38	9.44	99.94	43.56	
910	59.49	14.61	99.3	39.81	
911	67.31	11.12	99.12	31.81	
912	65.36	36.05	98.5	33.14	
913	62.64	8.64	98.78	36.14	
914	56.28	25.61	100	43.72	
915	59.7	21.1	99.03	39.33	
916	59.75	20.06	98.96	39.21	
917	67.5	19.94	98.87	31.37	
918	65.08	15.43	98.91	33.83	
919	59.81	8.15	98.92	39.11	
920	64.12	34.05	98.81	34.69	
921	60.07	20.92	98.93	38.86	
922	63.47	19.57	98.78	35.31	
923	60.06	8.15	99.01	38.95	
924	59.42	88.37	99.43	40.01	
925	57.47	29.11	99.97	42.5	
926	68.73	0	100.3	31.57	
927	68.2	9.9	100.2	32	
928	68.59	14.57	100.16	31.57	
929	67.06	15.49	100.15	33.09	
930	67.61	6.47	100.14	32.53	
931	66.84	20.25	100.11	33.27	
932	68.26	11.84	100.14	31.88	
933	69.52	18.79	100.12	30.6	
934	70.1	23.87	100.13	30.03	
935	68.36	0	101.04	32.68	
936	68.91	19.21	100.1	31.19	
937	68.1	18.16	100.08	31.98	
938	66.21	11.86	100.08	33.87	
939	67.07	7.03	100.07	33	
940	64.59	10.89	100.06	35.47	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
941	66.34	8.42	100.06	33.72	
942	64.59	12.27	100.06	35.47	
943	66.13	8.13	100.05	33.92	
944	62.67	20.92	100.05	37.38	
945	65.54	7.25	100.04	34.5	
946	61.09	13.22	100.04	38.95	
947	64.92	20.17	100.03	35.11	
948	60.45	10.14	100.03	39.58	
949	64.41	10.67	100.02	35.61	
950	63.8	6	100.02	36.22	
951	61.36	5.49	100.01	38.65	
952	57.88	18.52	100.01	42.13	
953	58.63	17.74	100.02	41.39	
954	55.18	38.57	100.01	44.83	
955	56.06	16.32	100.01	43.95	
956	55.87	20.53	100	44.13	
957	54.33	14.06	100.01	45.68	
958	55.9	9.68	100	44.1	
959	53.37	49.54	100.01	46.64	
960	55.93	9.09	99.99	44.06	
961	52.14	11.42	100.02	47.88	
962	53.75	123.75	99.99	46.24	
963	55.87	30.9	99.98	44.11	
964	52.68	2.93	100.01	47.33	
965	51.1	0	100.94	49.84	
966	51.53	3.19	99.42	47.89	
967	53.16	157.11	99.43	46.27	
968	74.76	11.58	98.55	23.79	
969	72.53	18.53	98.22	25.69	
970	71.18	13.73	98.19	27.01	
971	70.29	19.46	98.5	28.21	
972	73.7	40.02	98.27	24.57	
973	70.29	8.21	98.46	28.17	
974	63.14	16.67	98.08	34.94	
975	66.52	9.8	98.07	31.55	
976	72.69	46.93	98.27	25.58	
977	67.26	13.47	98.45	31.19	
978	68.48	10.8	98.17	29.69	
979	65.63	26.24	98.09	32.46	
980	69.43	14.96	98.27	28.84	
981	65.66	19.47	98.48	32.82	
982	65.1	25.63	98.14	33.04	
983	65.2	43.48	98.09	32.89	
984	66.52	51.79	98.27	31.75	
985	64.38	83.9	98.12	33.74	
986	65.52	61.06	98.26	32.74	
987	63.65	9.66	97.87	34.22	
988	61.75	18.8	97.55	35.8	
989	61.58	3.33	97.76	36.18	
990	63.3	8.56	97.96	34.66	
991	62.86	9.1	98	35.14	
992	63.24	10.65	98.04	34.8	
993	63.59	13.77	98.11	34.52	
994	64.17	12.73	98.24	34.07	
995	64.76	8.2	98.59	33.83	
996	62.64	12.59	98.68	36.04	
997	58.54	25.94	98.78	40.24	
998	56.33	31.13	99.03	42.7	
999	51.43	47.39	99.27	47.84	
1000	53.1	32.32	98.7	45.6	
1001	62.59	24.88	98.05	35.46	
1002	62.24	36.65	97.95	35.71	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
1003	61.92	37.56	97.91	35.99	
1004	61.83	8.3	97.88	36.05	
1005	62.51	20.13	97.97	35.46	
1006	61.59	14.88	97.77	36.18	
1007	61.87	8.41	97.74	35.87	
1008	63.4	39.31	97.74	34.34	
1009	62.11	10.21	97.95	35.84	
1010	63.32	14.06	98.01	34.69	
1011	63.82	22.3	98.01	34.19	
1012	62.44	15	98	35.56	
1013	64.57	16.6	98.03	33.46	
1014	62.39	18.84	98.05	35.66	
1015	62.11	23.21	98.01	35.9	
1016	62.89	8.93	98.09	35.2	
1017	64.17	32.71	98.2	34.03	
1018	64.73	16.98	98.42	33.69	
1019	64.81	14.86	98.28	33.47	
1020	64.22	37.15	98.15	33.93	
1021	64.52	29.82	98.2	33.68	
1022	63.93	35.34	98.11	34.18	
1023	64.26	11.87	98.09	33.83	
1024	63.61	12.58	98.07	34.46	
1025	62.8	39.69	98.51	35.71	
1026	58.87	57.09	98.6	39.73	
1027	53.15	24.19	98.5	45.35	
1028	62.66	13.65	98.37	35.71	
1029	58.82	81.47	98.44	39.62	
1030	65.3	5.91	98.65	33.35	
1031	62.25	19.49	98.28	36.03	
1032	58.08	123.75	98.24	40.16	
1033	49.41	4.99	98.25	48.84	
1034	51.48	81.39	98.52	47.04	
1035	64.3	12.56	98.12	33.82	
1036	64.48	23.57	98.12	33.64	
1037	63.9	13.42	98.12	34.22	
1038	62.71	23.29	98.13	35.42	
1039	62.85	32.98	98.12	35.27	
1040	64.63	7.13	98.08	33.45	
1041	64.42	10.68	98.09	33.67	
1042	63.15	14.37	97.74	34.59	
1043	56.44	19.99	97.58	41.14	
1044	60.7	24.96	97.58	36.88	
1045	64.9	56.86	98.05	33.15	
1046	64.66	13.83	98.07	33.41	
1047	64.3	10.65	98.06	33.76	
1048	64.64	18.25	98.09	33.45	
1049	63.76	27.06	98.09	34.33	
1050	63.28	14.18	98.11	34.83	
1051	61.61	13.85	98.11	36.5	
1052	60.58	14.36	98.15	37.57	
1053	61.37	12.66	98.1	36.73	
1054	59.36	18.53	98.17	38.81	
1055	58.77	852.22	97.31	38.54	
1056	52.84	15.61	98.18	45.34	
1057	57.92	100.84	98.14	40.22	
1058	52.51	68.01	98.11	45.6	
1059	54.58	22.15	98.03	43.45	
1060	58.12	35.68	98.05	39.93	
1061	51.47	20.28	98.24	46.77	
1062	48.83	377.64	98.05	49.22	
1063	57.13	16.18	97.86	40.73	
1064	59.59	12.2	98.02	38.43	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
1065	56.27	12.26	97.88	41.61	
1066	52.84	9.07	97.85	45.01	
1067	48.92	17.5	97.85	48.93	
1068	47.8	2.18	97.74	49.94	
1069	52.41	12.91	97.73	45.32	
1070	57.1	8.46	97.68	40.58	
1071	49.21	9.39	97.76	48.55	
1072	47.48	15.87	97.64	50.16	
1073	57.12	7.41	97.41	40.29	
1074	47.48	4.88	97.59	50.11	
1075	49.41	20.06	97.56	48.15	
1076	46.9	259.23	97.4	50.5	
1077	48.5	12.73	97.53	49.03	
1078	73.15	53.43	99.9	26.75	
1079	69.93	2.62	100.14	30.21	
1080	73.87	40.17	99.82	25.95	
1081	71.57	36.36	99.81	28.24	
1082	72.69	9	99.74	27.05	
1083	69.93	87.69	99.63	29.7	
1084	68.3	8.42	99.73	31.43	
1085	68.1	7.36	99.96	31.86	
1086	54.45	20.38	99.89	45.44	
1087	53.93	0.41	99.95	46.02	
1088	71.92	69.7	99.78	27.86	
1089	71.87	256.81	99.87	28	
1090	55.52	206.57	99.82	44.3	
1091	55.52	27.14	99.93	44.41	
1092	65.38	101.21	99.73	34.35	
1093	70.79	57.84	99.71	28.92	
1094	70.75	8.75	99.67	28.92	
1095	70.6	65.34	99.65	29.05	
1096	62.27	9.76	99.75	37.48	
1097	68.93	69.16	99.56	30.63	
1098	70.56	8.94	99.57	29.01	
1099	70.56	107.86	99.6	29.04	
1100	68.29	56.33	99.48	31.19	
1101	70.58	26.93	99.49	28.91	
1102	64.9	28.08	99.42	34.52	
1103	67.79	14.17	99.37	31.58	
1104	61.39	38.57	99.14	37.75	
1105	51.24	75.8	100.37	49.13	
1106	52.28	104.31	100.09	47.81	
1107	65.66	49.34	99.89	34.23	
1108	74.88	41.19	99.98	25.1	
1109	74.75	41.16	99.78	25.03	
1110	70.58	85.78	99.47	28.89	
1111	68.05	103.36	98.81	30.76	
1112	68.9	35.03	98.81	29.91	
1113	68.3	14.05	98.81	30.51	
1114	62.27	8.37	98.86	36.59	
1115	62.27	10.35	98.9	36.63	
1116	61.12	14.49	98.89	37.77	
1117	65.86	11.18	98.86	33	
1118	57.87	34.28	98.99	41.12	
1119	57.62	217.84	99.54	41.92	
1120	50.41	208.18	100.34	49.93	
1121	56.7	9.3	99.52	42.82	
1122	57.18	51.01	99.52	42.34	
1123	61.79	155.45	99.63	37.84	
1124	50.19	131.24	100.35	50.16	
1125	50.59	12.78	100.85	50.26	
1126	51.5	3.68	100.8	49.3	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
1127	48.94	249.33	100.71	51.77	
1128	64.47	46.31	100.2	35.73	
1129	64.65	66.33	100.25	35.6	
1130	49.31	65.24	100.48	51.17	
1131	48.1	107.93	100.57	52.47	
1132	47.55	11.34	100.67	53.12	
1133	48.67	73.92	100.52	51.85	
1134	47.1	7.76	100.67	53.57	
1135	87.84	42.82	119.94	32.1	
1136	75.36	17.67	119.94	44.58	
1137	81.2	8.28	119.94	38.74	
1138	78.29	45.17	119.95	41.66	
1139	70.21	14.04	119.95	49.74	
1140	74.17	37.47	119.96	45.79	
1141	76.42	23.57	119.96	43.54	
1142	73.65	20.68	119.95	46.3	
1143	75.13	18.78	119.96	44.83	
1144	79.5	23.66	119.96	40.46	
1145	75.76	36.09	119.95	44.19	
1146	82.34	38.22	119.95	37.61	
1147	89.24	32.45	119.94	30.7	
1148	84.09	17.68	119.96	35.87	
1149	93.87	4.01	120.01	26.14	
1150	91.16	12.06	120	28.84	
1151	84.09	13.39	119.97	35.88	
1152	82.25	16.19	119.97	37.72	
1153	90.64	17.69	119.99	29.35	
1154	83.56	22.41	119.97	36.41	
1155	90.1	16.58	119.99	29.89	
1156	89.21	11.07	120	30.79	
1157	82.6	40.89	119.97	37.37	
1158	78.65	29.3	119.97	41.32	
1159	89.3	22.16	120.77	31.47	
1160	88.7	37.73	120.03	31.33	
1161	76.88	25.79	119.98	43.1	
1162	81.4	39.5	119.96	38.56	
1163	78.9	24.68	119.96	41.06	
1164	87.3	12.75	120.07	32.77	
1165	84.38	24.22	119.98	35.6	
1166	82.41	302.09	119.93	37.52	
1167	79.77	92.73	119.95	40.18	
1168	79.33	17.67	119.95	40.62	
1169	81.8	13.82	119.96	38.16	
1170	77.31	11.8	119.96	42.65	
1171	81.54	3.58	119.97	38.43	
1172	79.64	6.39	119.96	40.32	
1173	78.9	22.65	119.96	41.06	
1174	79.51	25.68	119.96	40.45	
1175	77.51	18.05	119.96	42.45	
1176	76.9	10.4	119.96	43.06	
1177	77.67	20.67	119.95	42.28	
1178	78.64	12.49	119.95	41.31	
1179	79.33	25.35	119.95	40.62	
1180	78.53	23.85	119.95	41.42	
1181	78.4	18.45	119.95	41.55	
1182	81.13	41	119.96	38.83	
1183	78.64	35.93	119.95	41.31	
1184	78.62	11.38	119.95	41.33	
1185	80.07	73.16	119.94	39.87	
1186	79.48	56.66	119.94	40.46	
1187	79.85	38.49	119.95	40.1	
1188	79.39	34.1	119.95	40.56	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
1189	80.83	12.04	119.94	39.11	
1190	80.8	15.51	119.94	39.14	
1191	81.67	12.7	119.95	38.28	
1192	80.18	2.15	120.69	40.51	
1193	80.48	37.55	119.94	39.46	
1194	83.32	9.98	119.94	36.62	
1195	81.26	28.38	119.94	38.68	
1196	83.13	23.12	119.94	36.81	
1197	84.32	34.32	119.96	35.64	
1198	93.8	2.03	120.76	26.96	
1199	92.88	13.94	120.72	27.84	
1200	92.33	11.42	120.72	28.39	
1201	88.07	13.17	120.26	32.19	
1202	89.7	10.03	120.59	30.89	
1203	89.89	0.87	120.63	30.74	
1204	88.2	0	120.09	31.89	
1205	89.3	13.34	120.77	31.47	
1206	89.27	12.1	120.83	31.56	
1207	94.87	0	120.92	26.05	
1208	89.41	0	120.84	31.43	
1209	88.7	0	120.18	31.48	
1210	88.4	80.08	120.18	31.78	
1211	77.75	42.52	120.09	42.34	
1212	95.4	0	120.9	25.5	
1214	106.82	0	120.97	14.15	
1215	106.82	0	151.42	44.6	
1216	94.62	19.74	120.92	26.3	
1217	98.82	796.19	120.87	22.05	
1218	94.66	16.66	120.78	26.12	
1219	103.9	1237.5	120.46	16.56	
1220	80.8	20.85	120.71	39.91	
1221	89.6	19.93	120.81	31.21	
1222	98.5	891.07	120.95	22.45	
1223	98.5	13.33	120.95	22.45	
1224	89.42	285.47	120.79	31.37	
1225	80.5	61.71	120.71	40.21	
1226	93.7	14.43	119.99	26.29	
1227	102.9	15.12	119.99	17.09	
1228	99.83	22.97	120.01	20.18	
1229	98.41	230.44	120	21.59	
1230	84.12	25.98	120.18	36.06	
1231	100.44	14.06	119.51	19.07	
1232	89.48	85.18	119.99	30.51	
1233	99.39	33.79	119.99	20.6	
1234	94.2	37.6	119.98	25.78	
1235	101.49	12.66	120.01	18.52	
1236	102.55	1.81	120.03	17.48	
1237	100.31	41.38	119.99	19.68	
1238	96.05	27.56	119.98	23.93	
1239	99.59	15.39	119.98	20.39	
1240	97.24	25.65	119.98	22.74	
1241	101.12	1.77	119.98	18.86	
1242	101.1	14.18	119.99	18.89	
1243	100.26	108.76	119.98	19.72	
1244	98.7	11.97	119.98	21.28	
1245	100.41	8.68	119.98	19.57	
1246	101.87	10.7	119.99	18.12	
1247	101.82	12.97	119.98	18.16	
1248	102.55	14.43	120	17.45	
1249	101.63	11.19	119.98	18.35	
1250	102.21	18.74	119.98	17.77	
1251	102.06	20.23	119.98	17.92	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
1252	101.24	8.44	119.98	18.74	
1253	102.4	45.71	119.98	17.58	
1254	93.29	18.29	119.27	25.98	
1255	100.46	10.32	119.98	19.52	
1256	93.29	7.35	119.29	26	
1257	92.14	8.93	119.27	27.13	
1258	77.18	16.06	119.96	42.78	
1259	76.8	13.58	119.96	43.16	
1260	76.32	0	119.96	43.64	
1261	76.25	3.68	119.96	43.71	
1262	80.46	18.33	119.96	39.5	
1263	82.2	9.6	119.96	37.76	
1264	86.45	9.29	119.96	33.51	
1265	87.83	10.26	119.96	32.13	
1266	85.78	16.84	119.96	34.18	
1267	87.65	27.38	119.96	32.31	
1268	90.05	37.45	118.59	28.54	
1269	84.36	12	119.96	35.6	
1270	85.46	9.07	119.96	34.5	
1271	83.26	11.15	119.96	36.7	
1272	82.76	6	119.96	37.2	
1273	82.54	0	101.33	18.79	
1274	93.27	0	101.29	8.02	
1275	88.33	0	101.37	13.04	
1276	86.37	19.96	119.96	33.59	
1277	82.36	18.68	119.96	37.6	
1278	81.67	14.24	119.96	38.29	
1279	80.8	2.62	119.96	39.16	
1280	84.25	9.84	101.33	17.08	
1281	83.47	0	101.33	17.86	
1282	88.33	0	101.33	13	
1283	82.54	7.36	101.33	18.79	
1284	93.27	0	101.32	8.05	
1285	84.1	63.14	118.22	34.12	
1286	85.24	0	101.45	16.21	
1288	75.3	10.89	118.33	43.03	
1289	79.11	10.52	118.2	39.09	
1290	80.45	56	118.2	37.75	
1291	77.39	0	99.58	22.19	
1292	76.25	14.48	99.53	23.28	
1293	77.19	13.25	99.51	22.32	
1294	72.19	20.73	99.51	27.32	
1295	74.1	9.11	99.53	25.43	
1296	74.94	9.88	99.52	24.58	
1297	69.83	18.39	99.57	29.74	
1298	66.94	20.1	99.5	32.56	
1299	66.79	20.81	99.7	32.91	
1300	67.05	43.49	99.72	32.67	
1301	66.21	26.99	99.71	33.5	
1302	72.45	0	100.34	27.89	
1303	67.17	15.24	99.74	32.57	
1304	67.44	74.09	99.76	32.32	
1305	72.45	0	100.37	27.92	
1306	72.88	0	100.47	27.59	
1307	71.37	10.64	100.28	28.91	
1308	69.86	19.19	99.54	29.68	
1309	67.7	11.63	99.66	31.96	
1310	72.24	19.52	99.64	27.4	
1311	74.22	41.97	99.53	25.31	
1312	72.88	0	100.37	27.49	
1313	73.91	0	100.7	26.79	
1314	73.65	18.39	100.73	27.08	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
1315	74.46	26.27	100.37	25.91	
1316	71.98	0.01	100.37	28.39	
1317	82.06	0	99.66	17.6	
1318	71.3	20.93	100.02	28.72	
1319	73.97	11.85	100.02	26.05	
1320	68.07	43.49	99.66	31.59	
1321	72.31	12.13	100.73	28.42	
1322	77.52	20.77	100.72	23.2	
1323	79.28	0	99.66	20.38	
1324	93.65	101.3	119.27	25.62	
1325	74.04	608.63	118.88	44.84	
1326	91.11	64.79	118.97	27.86	
1327	83.88	70.52	118.35	34.47	
1328	81.89	61.47	118.34	36.45	
1329	83.75	26.4	118.44	34.69	
1330	70.53	0	118.33	47.8	
1331	70.4	50.24	118.33	47.93	
1332	68.12	19.8	99.64	31.52	
1333	77.54	24.94	100.26	22.72	
1334	71.5	117.26	100.26	28.76	
1335	64.6	248.61	100.72	36.12	
1336	73.61	49.53	100.22	26.61	
1337	72.29	52.8	100.24	27.95	
1338	74.42	20.58	100.22	25.8	
1339	74.22	201.88	99.94	25.72	
1340	74.17	26.47	99.96	25.79	
1341	69.52	52.09	100.25	30.73	
1342	66.62	8.1	100.55	33.93	
1343	66.05	32.22	100.27	34.22	
1344	69.84	47.24	100.03	30.19	
1345	66.1	32.28	100.18	34.08	
1346	69.69	40.63	100.17	30.48	
1347	65.81	13.71	100.09	34.28	
1348	69.78	18	100.07	30.29	
1349	66.05	68.02	100.04	33.99	
1350	72.78	28.47	99.96	27.18	
1351	69.13	32.06	99.97	30.84	
1352	66.3	41.16	99.97	33.67	
1353	71.8	17.12	99.96	28.16	
1354	66.91	47.58	99.96	33.05	
1355	72.74	16.92	99.96	27.22	
1356	68.15	20.79	99.96	31.81	
1357	69.06	19.85	99.96	30.9	
1358	72.88	1337.91	98.8	25.92	
1359	61.39	9.88	96.91	35.52	
1360	69.2	4.55	100.3	31.1	
1361	69.67	8.56	100.32	30.65	
1362	71.83	36.06	100.38	28.55	
1363	73.74	29.21	100.45	26.71	
1364	74.23	7.69	100.47	26.24	
1365	71.83	16.19	100.37	28.54	
1366	69.67	52.09	100.32	30.65	
1367	70.46	17.04	100.29	29.83	
1368	73.3	38.87	100.32	27.02	
1369	75.36	14.79	100.34	24.98	
1370	79.51	11.2	100.31	20.8	
1371	75.26	29.35	100.28	25.02	
1372	77.18	8.45	100.31	23.13	
1373	71.12	42.12	100.25	29.13	
1374	71.2	1261.8	100.13	28.93	
1375	71.67	100.17	100.12	28.45	
1376	79.33	1247.86	99.92	20.59	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
1377	79.77	1054.99	99.93	20.16	
1378	71.67	13.2	100.17	28.5	
1379	76.67	10.87	100.24	23.57	
1380	71.67	20.21	100.13	28.46	
1381	79.4	20.21	100.3	20.9	
1382	76.67	50.88	100.23	23.56	
1383	80.08	21.43	100.22	20.14	
1384	73.71	7.94	100.12	26.41	
1385	78.28	63.03	100.22	21.94	
1386	79.47	15.31	100.22	20.75	
1387	83.72	0	100.13	16.41	
1388	74.23	12.25	100.47	26.24	
1389	101.5	17.93	164.2	62.7	
1390	98.5	10.07	164.19	65.69	
1391	101.5	16.02	164.2	62.7	
1392	97.72	17.15	164.23	66.51	
1393	131.47	22.14	142.27	10.8	
1394	108.57	143.33	141.8	33.23	
1395	105.63	65.5	141.61	35.98	
1397	105.84	0	142.2	36.36	
1398	111.07	4.4	142.19	31.12	
1399	105.92	6.49	142.29	36.37	
1400	105.57	18.28	142.28	36.71	
1401	101.91	473.41	142.31	40.4	
1402	93.37	0	142.33	48.96	
1403	92.31	20.1	142.41	50.1	
1404	99.45	302.89	145.77	46.32	
1405	84.44	271.06	142.77	58.33	
1406	96.49	34.04	164.24	67.75	
1407	92.25	16.11	164.28	72.03	
1408	102.1	26.43	164.22	62.12	
1409	101.3	22.79	164.21	62.91	
1410	92.25	20.2	164.24	71.99	
1411	92.12	25.94	164.22	72.1	
1412	99.1	15.8	164.2	65.1	
1413	91.3	20.96	164.2	72.9	
1414	88.46	15.6	164.2	75.74	
1415	99.1	41.16	164.2	65.1	
1416	87.53	10.7	164.2	76.67	
1417	98.5	18.97	164.19	65.69	
1418	88.8	37.25	164.19	75.39	
1419	78.8	0	118.88	40.08	
1420	89.16	12.4	118.73	29.57	
1421	76.25	8.24	117.73	41.48	
1422	82.9	6.96	117.64	34.74	
1423	88.41	12.51	118.51	30.1	
1424	87.54	0	118.15	30.61	
1425	78.6	24.81	117.7	39.1	
1426	77.73	286.51	117.47	39.74	
1427	83.34	25.68	117.44	34.1	
1428	83.34	29.28	117.44	34.1	
1429	87.62	273.8	117.34	29.72	
1430	81.64	36.24	117.49	35.85	
1431	85.5	188.55	117.35	31.85	
1432	91.49	17.64	164.19	72.7	
1433	98.2	14.92	164.19	65.99	
1434	93.68	7.51	164.19	70.51	
1435	83.43	15.97	164.19	80.76	
1436	96.4	49.31	164.19	67.79	
1437	91.3	17.63	164.2	72.9	
1438	88.32	11.52	117.4	29.08	
1439	88.32	0	164.28	75.96	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
1440	87.62	0	164.28	76.66	
1441	87.23	254.8	164.28	77.05	
1442	91.61	63.42	164.29	72.68	
1443	92.24	173.13	164.31	72.07	
1444	100.79	22.86	164.37	63.58	
1445	92.74	143.06	164.29	71.55	
1446	94.73	13.07	164.31	69.58	
1447	101.21	2.68	164.38	63.17	
1448	101.25	8.33	164.46	63.21	
1449	102.26	1.09	164.53	62.27	
1450	93.37	10.86	164.74	71.37	
1451	96.15	20.05	164.37	68.22	
1452	92.71	9.25	164.31	71.6	
1453	85.2	31.45	164.3	79.1	
1454	85.34	104.49	117.35	32.01	
1455	92.27	135.99	164.3	72.03	
1456	80.08	17.54	164.3	84.22	
1457	90.92	4.34	168.81	77.89	
1458	85.45	9.01	164.43	78.98	
1459	88.28	22.8	164.39	76.11	
1460	93.37	19.38	164.86	71.49	
1461	82.05	120.27	117.43	35.38	
1462	85.52	138	117.35	31.83	
1463	80.32	273.92	117.37	37.05	
1464	79.46	70.46	117.39	37.93	
1465	84.33	37.22	117.36	33.03	
1466	84.1	84.95	117.37	33.27	
1467	80.69	183.51	117.36	36.67	
1468	77.61	18.76	117.36	39.75	
1469	82.76	22.26	117.36	34.6	
1470	75.25	8.56	100.35	25.1	
1471	77.61	3.34	100.14	22.53	
1472	78.37	888.93	100.22	21.85	
1473	77.67	9.7	100.27	22.6	
1474	78.28	31.34	100.13	21.85	
1475	79.54	56.86	99.9	20.36	
1476	70.25	37.82	99.38	29.13	
1477	67.34	20.61	99.82	32.48	
1478	68.71	17.85	99.38	30.67	
1479	63.94	9.13	99.22	35.28	
1480	65.77	16.89	99.22	33.45	
1481	64.52	58.31	99.01	34.49	
1482	70.85	65.51	96.21	25.36	
1483	80.58	117.55	138.31	57.73	
1484	45.53	88.42	96.87	51.34	
1485	44.28	43.98	97.11	52.83	
1486	43.46	27.48	96.67	53.21	
1487	43.43	2.1	96.51	53.08	
1488	42.8	6.98	96.51	53.71	
1489	44.81	8.05	96.06	51.25	
1490	44.65	4.42	96.06	51.41	
1491	42.26	9.45	96.17	53.91	
1492	54.1	14.42	96.09	41.99	
1493	44.63	6.24	96.05	51.42	
1494	44.92	18.61	96.04	51.12	
1495	42.56	2.81	96.07	53.51	
1496	43.52	12.7	96	52.48	
1497	45.21	44.81	96.02	50.81	
1498	43.63	25.09	96.05	52.42	
1499	43.91	11.35	96.05	52.14	
1500	42.41	8.96	96.06	53.65	
1501	43.48	69.7	95.88	52.4	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
1502	44.06	55.59	96.01	51.95	
1503	44.72	0	96.02	51.3	
1504	43.15	100.76	95.83	52.68	
1505	44.49	937.39	98.37	53.88	
1506	44.94	119.56	98.42	53.48	
1507	68.87	106.24	98.12	29.25	
1509	50.1	161.66	97.94	47.84	
1510	46.62	44.05	97.95	51.33	
1511	48.15	40.56	98.01	49.86	
1512	50.05	73.95	98.13	48.08	
1513	50.88	0.71	97.95	47.07	
1514	54.78	63.08	98.51	43.73	
1515	56.75	157.3	98.25	41.5	
1516	50.59	18.53	98.49	47.9	
1517	53.74	68.2	98.14	44.4	
1518	62.49	49.23	98.49	36	
1519	50.58	7.43	98.01	47.43	
1520	50.05	8.59	98.14	48.09	
1521	45.64	8.6	98.49	52.85	
1522	43.34	52.32	97.85	54.51	
1523	43.21	29.39	97.91	54.7	
1524	43.05	48.22	97.88	54.83	
1525	43.48	7.36	97.98	54.5	
1526	42.78	7.88	97.96	55.18	
1527	42.57	9.88	97.93	55.36	
1528	42.4	11.53	97.73	55.33	
1529	42.08	2.97	97.8	55.72	
1530	42.65	87.27	97.86	55.21	
1531	42.71	45.15	97.89	55.18	
1532	42.64	72.12	97.82	55.18	
1533	41.93	15.21	97.81	55.88	
1534	42.19	6.5	97.81	55.62	
1535	42.11	8.19	97.81	55.7	
1536	42.38	99.84	97.9	55.52	
1537	42.29	8.5	97.9	55.61	
1538	40.9	7.3	98.57	57.67	
1539	41.43	2.07	99.61	58.18	
1540	41.23	20.19	98.42	57.19	
1541	40.94	14.79	98.06	57.12	
1542	41.66	16.44	98.09	56.43	
1543	41.75	10.05	97.94	56.19	
1544	41.85	16.82	97.82	55.97	
1545	40.72	69.48	97.87	57.15	
1546	40.59	46.22	98.01	57.42	
1547	42.07	9.08	97.69	55.62	
1548	42.33	11.72	97.59	55.26	
1549	42.49	15.82	97.58	55.09	
1550	42.22	5.82	97.49	55.27	
1551	41.93	5.75	97.55	55.62	
1552	41.71	8.32	97.57	55.86	
1553	41.82	8.68	97.58	55.76	
1554	42.13	19.85	97.6	55.47	
1555	41.74	49.9	97.69	55.95	
1556	41.14	12.24	97.77	56.63	
1557	41.6	14.78	97.64	56.04	
1558	41.81	1.4	97.64	55.83	
1559	41.51	18.55	97.67	56.16	
1560	40.94	24.34	97.77	56.83	
1561	40.15	17.47	97.93	57.78	
1562	40.16	13.87	97.98	57.82	
1563	40.28	29.63	98.06	57.78	
1564	40.15	11.03	98.29	58.14	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
1565	40.83	0	100.56	59.73	
1566	40.49	15.84	98.49	58	
1567	40.31	5.59	98.33	58.02	
1568	40.47	13.18	98.28	57.81	
1569	40.4	2.88	99.37	58.97	
1570	40.26	11.55	98.18	57.92	
1571	40.24	15.94	98.09	57.85	
1572	40.63	15	98.23	57.6	
1573	40.93	23.38	98.19	57.26	
1574	40.11	16.37	98.19	58.08	
1575	40.19	26.65	98.05	57.86	
1576	40.64	30.82	98.02	57.38	
1577	40.5	84.85	97.89	57.39	
1578	40.85	15.92	97.74	56.89	
1579	41.13	10.29	97.64	56.51	
1580	41.12	18.19	97.64	56.52	
1581	41.67	30.94	97.59	55.92	
1582	41.84	64.67	97.6	55.76	
1583	41.76	13.85	97.58	55.82	
1584	41.67	15.33	97.59	55.92	
1585	41.9	20.32	97.62	55.72	
1586	41.4	11.52	97.64	56.24	
1587	41.51	23.24	97.64	56.13	
1588	41.09	60.2	97.68	56.59	
1589	40.81	33.34	97.86	57.05	
1590	40.8	12.97	98.01	57.21	
1591	40.55	21.67	98.1	57.55	
1592	40.49	42.39	98.17	57.68	
1593	40.53	7.76	98.1	57.57	
1594	40.69	9.74	97.88	57.19	
1595	40.92	12.25	97.83	56.91	
1596	41.5	31.02	97.69	56.19	
1597	40.79	136.15	97.97	57.18	
1598	41.48	7.51	97.65	56.17	
1599	41.82	37.97	97.62	55.8	
1600	41.22	7.78	97.64	56.42	
1601	41.81	11.52	97.62	55.81	
1602	41.79	13.52	97.59	55.8	
1603	41.85	57.68	97.59	55.74	
1604	41.86	7.17	97.58	55.72	
1605	41.82	3.52	97.59	55.77	
1606	41.92	5.07	97.56	55.64	
1607	41.94	5.41	97.53	55.59	
1608	41.79	14.29	98.12	56.33	
1609	42.05	7.97	97.5	55.45	
1610	41.73	1.34	97.51	55.78	
1611	41.94	38.24	97.51	55.57	
1612	42.83	9.73	97.51	54.68	
1613	41.94	9.17	97.52	55.58	
1614	42.69	10.14	97.51	54.82	
1615	42.68	18.15	97.46	54.78	
1616	42.45	14.8	97.51	55.06	
1617	42.41	13.77	96.72	54.31	
1618	42.68	9.05	95.99	53.31	
1619	43.51	13.52	96	52.49	
1620	43.06	38.54	96.06	53	
1621	43.52	12.02	95.89	52.37	
1622	43.51	26.48	95.86	52.35	
1623	43.87	15.46	95.8	51.93	
1624	44.33	207.79	95.58	51.25	
1625	43.28	15.73	95.89	52.61	
1626	42.83	8.24	95.93	53.1	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
1627	42.87	23.09	95.84	52.97	
1628	42.43	11.99	95.89	53.46	
1629	43.2	53.58	95.85	52.65	
1630	42.65	21.86	95.85	53.2	
1631	44.05	40.25	95.8	51.75	
1632	43.49	15.94	95.7	52.21	
1633	43.1	97.39	95.79	52.69	
1634	42.87	18.65	95.71	52.84	
1635	43.75	21.07	95.58	51.83	
1636	45.68	22.63	95.41	49.73	
1637	44.83	374.58	95.45	50.62	
1638	49.77	15.96	94.99	45.22	
1639	44.89	57.23	95.43	50.54	
1640	44.94	8.25	95.59	50.65	
1641	44.54	1.55	95.57	51.03	
1642	43.29	0.34	95.57	52.28	
1643	43.29	3.86	95.57	52.28	
1644	43.27	14.77	95.57	52.3	
1645	43.59	49.86	95.57	51.98	
1646	45.56	16.62	95.55	49.99	
1647	44.23	99.35	95.48	51.25	
1648	43.66	79.78	95.57	51.91	
1649	42.91	18.45	96.94	54.03	
1650	43.12	25.11	96.82	53.7	
1651	43.16	0	96.79	53.63	
1652	43.33	56.17	96.82	53.49	
1653	42.87	18.14	97.08	54.21	
1654	42.76	8.92	97	54.24	
1655	43.85	13.88	97	53.15	
1656	43.05	20.93	96.93	53.88	
1657	43.12	26.43	96.84	53.72	
1658	43.29	12.35	96.88	53.59	
1659	42.92	16.09	96.86	53.94	
1660	43.14	17.42	96.86	53.72	
1661	44.18	7.62	96.96	52.78	
1662	42.92	27.59	96.91	53.99	
1663	43.34	17.33	96.88	53.54	
1664	42.9	19.8	96.91	54.01	
1665	43.61	14.91	96.9	53.29	
1666	44.16	25.69	96.91	52.75	
1667	41.87	8.73	96.93	55.06	
1668	45.44	17.65	96.95	51.51	
1669	41.64	9.96	96.92	55.28	
1670	42.05	32.66	96.91	54.86	
1671	40.69	14.54	96.92	56.23	
1672	41.05	11.72	96.91	55.86	
1673	42.94	13.16	97.4	54.46	
1674	42.93	94.53	97.38	54.45	
1675	42.93	15.53	97.45	54.52	
1676	42.38	7.93	97.5	55.12	
1677	42.13	7.93	97.63	55.5	
1678	42.38	9.95	97.67	55.29	
1679	41.94	7.21	97.81	55.87	
1680	42.63	11.28	97.69	55.06	
1681	48.44	28.71	97.69	49.25	
1682	41.82	10.23	97.64	55.82	
1683	41.89	3.75	97.65	55.76	
1684	41.53	1.73	97.65	56.12	
1685	41.5	13.99	97.64	56.14	
1686	41.37	9.77	97.64	56.27	
1687	41.24	14.57	97.65	56.41	
1688	41.84	47.95	97.64	55.8	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
1689	42.43	6.2	97.64	55.21	
1690	42.06	3.69	97.64	55.58	
1691	42.57	4.03	97.64	55.07	
1692	41.23	10.61	97.65	56.42	
1693	41.74	9.43	97.64	55.9	
1694	40.86	34.51	97.7	56.84	
1695	40.72	15.76	97.65	56.93	
1696	40.89	8.23	97.65	56.76	
1697	41.84	13.84	97.64	55.8	
1698	41.63	10.72	97.64	56.01	
1699	41.54	11.84	97.64	56.1	
1700	41.71	10.84	97.64	55.93	
1701	41.27	36.53	97.63	56.36	
1702	40.35	17.82	97.53	57.18	
1703	41.18	63.2	97.5	56.32	
1704	42.64	33.39	97.45	54.81	
1705	39.73	14.71	97.42	57.69	
1706	42.4	39.92	97.43	55.03	
1707	42.23	35.26	97.46	55.23	
1708	42.1	10.87	97.46	55.36	
1709	41.9	19.09	97.63	55.73	
1710	42.3	108.42	97.63	55.33	
1711	40.72	22.31	97.43	56.71	
1712	39.73	12.35	97.42	57.69	
1713	42.13	36.47	97.43	55.3	
1714	41.37	12.54	97.42	56.05	
1715	40.69	3.6	97.63	56.94	
1716	41.58	90.21	97.63	56.05	
1717	41.34	9.86	97.64	56.3	
1718	41.55	9.39	97.64	56.09	
1719	40.86	9.19	97.65	56.79	
1720	40.91	14.3	97.67	56.76	
1721	40.88	8.56	97.65	56.77	
1722	41.32	13.15	97.64	56.32	
1723	41.71	9.96	97.64	55.93	
1724	41.36	7.13	97.64	56.28	
1725	41.17	20.11	97.64	56.47	
1726	41.3	9.75	97.63	56.33	
1727	41.57	6.61	97.63	56.06	
1728	41.57	8.03	97.63	56.06	
1729	42.48	31.96	97.63	55.15	
1730	41.75	13.12	97.63	55.88	
1731	41.34	13.91	97.63	56.29	
1732	41.76	5.91	97.64	55.88	
1733	42.02	3.5	97.64	55.62	
1734	41.9	7.69	97.63	55.73	
1735	42.61	0.48	97.64	55.03	
1736	42.37	4.81	97.63	55.26	
1737	42.05	3.12	97.63	55.58	
1738	42.22	11.07	97.63	55.41	
1739	41.29	11.38	97.63	56.34	
1740	41.92	8.92	97.63	55.71	
1741	42.7	3.68	97.63	54.93	
1742	42.87	8.93	97.63	54.76	
1743	41.72	39.98	97.63	55.91	
1744	42.48	19.51	97.63	55.15	
1745	43.74	8.01	97.63	53.89	
1746	73.42	119.26	138.56	65.14	
1747	75.58	38.04	138.37	62.79	
1748	77.2	90.12	168.6	91.4	
1749	78.69	91.94	142.47	63.78	
1750	88	0	100.03	12.03	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
1751	90.52	19.07	168.59	78.07	
1752	90.52	1.07	168.59	78.07	
1753	84.48	47.46	168.59	84.11	
1754	88.49	16.41	142.74	54.25	
1755	82.55	72.26	142.61	60.06	
1756	81.17	74.8	142.61	61.44	
1757	84.44	36.83	142.77	58.33	
1758	79.69	94.45	138.37	58.68	
1759	70.14	284.96	138.55	68.41	
1760	81.55	160.3	138.35	56.8	
1761	68.43	26.3	99.55	31.12	
1762	70.44	91.39	138.28	67.84	
1763	82.5	331.95	138.31	55.81	
1764	82.17	50.01	138.29	56.12	
1765	65.89	124.43	95.64	29.75	
1766	65.59	589.12	95.7	30.11	
1767	69.71	39.66	96.21	26.5	
1768	63.64	44.21	98.85	35.21	
1769	61.31	41.77	99.02	37.71	
1770	61.31	0	98.83	37.52	
1771	59.64	5.64	98.4	38.76	
1772	58.74	10.45	98.3	39.56	
1773	59.05	0	98.27	39.22	
1774	60.28	51.43	98.15	37.87	
1775	60.85	66.89	98.31	37.46	
1776	63.73	437.51	96.22	32.49	
1777	66.23	66.24	95.91	29.68	
1778	64.42	59.54	95.94	31.52	
1779	65.13	61.95	96.38	31.25	
1780	69.37	66.42	95.96	26.59	
1781	69.12	54.07	95.76	26.64	
1782	67.27	111.68	95.27	28	
1783	76.12	8.36	95.75	19.63	
1784	72.91	208.91	95.73	22.82	
1785	73.29	174.92	95.58	22.29	
1786	74.2	81.07	139.44	65.24	
1787	73.42	239.7	139.44	66.02	
1788	78.44	59.96	141.74	63.3	
1789	83.11	236.78	141.12	58.01	
1790	81.41	114.43	140.57	59.16	
1791	82.06	39.01	140.57	58.51	
1793	100.42	0	147.18	46.76	
1794	103.38	166.47	136.4	33.02	
1795	100.42	0	166.08	65.66	
1796	84.48	83.67	137.45	52.97	
1797	83.69	189.51	137.29	53.6	
1798	76.21	75.12	137.22	61.01	
1799	72.61	42.4	136.49	63.88	
1800	75.86	140.82	136.43	60.57	
1801	80.5	227.6	137.44	56.94	
1802	82.41	288.92	136.43	54.02	
1803	76.06	74.65	136.43	60.37	
1804	70.29	41.46	136.39	66.1	
1805	83.19	147.14	136.31	53.12	
1806	74.06	99.67	136.39	62.33	
1807	89.5	123.13	136.32	46.82	
1808	96.26	147.35	136.35	40.09	
1809	100.91	77.8	136.32	35.41	
1810	100.84	38.21	136.27	35.43	
1811	96.43	61.93	136.22	39.79	
1812	91.2	120.63	136.2	45	
1813	89.74	67.32	136.27	46.53	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	등수두 (m)	잔류수두 (m)	비고
1814	79.89	42.98	136.23	56.34	
1815	88.35	46.61	136.21	47.86	
1816	88.57	16.46	136.27	47.7	
1817	89.91	72.37	136.19	46.28	
1818	87.88	98.83	136.19	48.31	
1819	79.89	75.46	136.21	56.32	
1820	76.5	228.66	136.12	59.62	
1821	79.22	7.55	136.18	56.96	
1822	73.57	76.72	97.36	23.79	
1823	76.59	77.28	136.17	59.58	
1824	78.5	45.95	97.38	18.88	
1825	76.59	32.93	97.38	20.79	
1826	68.26	58.2	97.44	29.18	
1827	71.05	180.94	97.4	26.35	
1828	71.77	2	97.51	25.74	
1829	65.47	28.97	97.48	32.01	
1830	72.12	8.69	97.53	25.41	
1831	74.41	6.96	97.51	23.1	
1832	66.15	38.29	97.45	31.3	
1833	68.68	59.29	97.42	28.74	
1834	71.23	121.46	97.41	26.18	
1835	70.15	16.6	97.42	27.27	
1836	70.83	20.18	97.41	26.58	
1837	71.68	17.18	97.42	25.74	
1838	71.77	6.07	97.49	25.72	
1839	68.71	19.27	97.55	28.84	
1840	64.74	0	97.84	33.1	
1841	68.43	0.65	97.56	29.13	
1842	67.86	0	97.51	29.65	
1843	68.82	55.96	97.43	28.61	
1844	67.86	17.98	97.49	29.63	
1845	66.35	34.78	97.44	31.09	
1846	67.48	7.52	97.44	29.96	
1847	69.28	0	91.44	22.16	
1848	68.59	36.65	97.42	28.83	
1849	69.28	0	91.1	21.82	
1850	80.44	53.66	139.34	58.9	
1851	77.53	88.32	139.37	61.84	
1852	68.48	28.44	139.66	71.18	
1853	71.86	121.83	139.36	67.5	
1854	68.58	71.91	139.43	70.85	
1855	69.28	0	139.41	70.13	
1856	68.78	52.68	139.48	70.7	
1857	67.45	8.12	139.47	72.02	
1858	68.08	10.22	139.66	71.58	
1859	75.76	25.33	139.7	63.94	
1860	70.75	52.1	139.69	68.94	
1861	70.75	3.21	139.69	68.94	
1862	74.23	101.11	139.92	65.69	
1863	73.67	29.05	140.5	66.83	
1864	85	17.06	140.81	55.81	
1865	50.1	166	97.92	47.82	
1866	46.44	20.76	97.83	51.39	
1867	55.56	136.92	98.03	42.47	
1868	47.71	3.05	97.82	50.11	
1869	46.4	19.19	97.81	51.41	
1870	47.44	7.02	97.8	50.36	
1871	46.66	23.9	97.82	51.16	
1872	46.81	36.91	97.82	51.01	
1873	46.94	476.11	97.82	50.88	
1874	46.92	19.25	97.82	50.9	
1875	48.3	2.97	97.82	49.52	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
1876	48.37	5.71	98	49.63	
1877	48.2	40.03	97.82	49.62	
1878	50.23	48.09	97.99	47.76	
1879	47.85	1043.21	97.49	49.64	
1880	47.1	8.25	97.8	50.7	
1881	47.55	8.23	97.8	50.25	
1882	47.1	10.1	97.8	50.7	
1883	67.91	44.29	100.45	32.54	
1884	73.15	43.28	100.35	27.2	
1885	68.33	20.19	100.05	31.72	
1886	66.3	34.84	99.78	33.48	
1887	73.87	55.54	100.04	26.17	
1888	73.75	75.72	99.69	25.94	
1889	66.24	19.28	99.53	33.29	
1890	65.87	30.54	98.99	33.12	
1891	63.2	17.33	99.25	36.05	
1892	67.21	19.79	99.11	31.9	
1893	73.44	3.83	99.03	25.59	
1894	72.55	92.28	99.27	26.72	
1895	69.77	8.18	99.11	29.34	
1896	73.74	18.6	99.06	25.32	
1897	73.2	18.79	99.04	25.84	
1898	72.05	10.31	99.02	26.97	
1899	72.54	1.99	99.04	26.5	
1900	73.41	8.3	99.04	25.63	
1901	71.34	20.82	99.84	28.5	
1902	64.48	37.56	99.84	35.36	
1903	63.54	0.32	99.84	36.3	
1904	68.25	23.58	99.84	31.59	
1905	62.46	114.07	99.85	37.39	
1906	62.77	44.4	99.84	37.07	
1907	60.47	40.28	99.79	39.32	
1908	64.77	39.84	99.67	34.9	
1909	63.12	0	99.89	36.77	
1910	63.12	31.61	99.92	36.8	
1911	72.31	19.67	99.84	27.53	
1912	72.14	20.86	99.84	27.7	
1913	66.11	23.09	99.79	33.68	
1914	66.78	39.09	99.7	32.92	
1915	72.36	82.01	99.89	27.53	
1916	69.48	60.26	99.58	30.1	
1917	72.67	27.2	99.49	26.82	
1918	69.2	29.95	99.48	30.28	
1919	64.27	38.91	99.45	35.18	
1920	68.09	49	99.57	31.48	
1921	70.38	0	99.49	29.11	
1922	67.54	39.09	99.48	31.94	
1923	70.5	48.2	99.49	28.99	
1924	63.34	31.61	99.55	36.21	
1925	64.05	2.22	99.59	35.54	
1926	61.63	27.05	100.11	38.48	
1927	66.56	53.06	100.6	34.04	
1928	59.79	28.43	99.96	40.17	
1929	63.37	5.03	99.7	36.33	
1930	66.81	426.04	99.45	32.64	
1931	66.54	4.61	99.42	32.88	
1932	59.85	121.5	99.88	40.03	
1933	63.55	67.61	100.27	36.72	
1934	65.92	37.06	99.46	33.54	
1935	58.48	450.03	99.29	40.81	
1936	65.29	20.58	100.2	34.91	
1937	65.22	20.76	100.17	34.95	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
1938	65.22	0	100.17	34.95	
1939	60.71	120.78	99.53	38.82	
1940	58.52	205.18	99.8	41.28	
1941	59.42	116.58	99.42	40	
1942	58.9	50.18	99.21	40.31	
1943	66.27	54.42	99.25	32.98	
1944	60.87	20.73	99.15	38.28	
1945	62.36	48.78	99.14	36.78	
1946	64.94	128.21	99.05	34.11	
1947	62.05	19.02	99.93	37.88	
1948	59.62	19.49	99.61	39.99	
1949	55.49	9.57	99.54	44.05	
1950	54.57	31.11	99.39	44.82	
1951	54.53	19.66	99.36	44.83	
1952	53.55	28.79	99.35	45.8	
1953	53.55	0	99.36	45.81	
1954	54.64	56.99	99.19	44.55	
1955	52.59	20.1	99.24	46.65	
1956	52.05	35.41	99.17	47.12	
1957	61.32	216.91	99.14	37.82	
1958	60.94	85.48	99.62	38.68	
1959	60.5	18.11	99.72	39.22	
1960	58.21	41.69	99.43	41.22	
1961	57.05	89	99.41	42.36	
1962	57.53	52.83	99.57	42.04	
1963	55.61	117.13	99.36	43.75	
1964	60.41	64.6	99.25	38.84	
1965	62.05	51.7	99.27	37.22	
1966	56.55	46.38	99.37	42.82	
1967	58.7	67.06	99.21	40.51	
1968	54.73	88.57	99.2	44.47	
1969	55.21	35.76	99.26	44.05	
1970	54.05	23.09	99.21	45.16	
1971	57.08	167.88	99.18	42.1	
1972	57.19	55.87	99.16	41.97	
1973	57.56	49	99.14	41.58	
1974	59.35	51.25	99.12	39.77	
1975	59.89	79.29	99.1	39.21	
1976	57.43	58.53	99.13	41.7	
1977	53.83	61.35	99.15	45.32	
1978	54.33	130.7	99.14	44.81	
1979	55.07	86.9	99.14	44.07	
1980	58.65	25.06	99.12	40.47	
1981	66.33	35.86	99.39	33.06	
1982	66.2	30.83	99.29	33.09	
1983	66.09	120.17	99.21	33.12	
1984	59.79	542.81	99.13	39.34	
1985	71.93	55.88	99.17	27.24	
1986	70.57	75.41	99.17	28.6	
1987	64.42	188.43	99.14	34.72	
1988	68.35	274.33	99.13	30.78	
1989	65.33	184.28	99.17	33.84	
1990	64.46	31.33	99.14	34.68	
1991	67.12	63.29	99.14	32.02	
1992	71.08	85.48	99.21	28.13	
1993	62.6	19.93	99.29	36.69	
1994	62.06	0	99.29	37.23	
1995	62.05	16.7	99.29	37.24	
1996	64.05	0.08	99.31	35.26	
1997	68.12	94.87	99.21	31.09	
1998	63.63	112.6	99.27	35.64	
1999	65.24	85.6	99.31	34.07	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
2000	64.57	105.64	99.14	34.57	
2001	65.37	114.51	99.14	33.77	
2002	67.5	135.45	99.17	31.67	
2003	66.91	19.3	98.44	31.53	
2004	63.57	19.06	98.44	34.87	
2005	63.35	9.1	98.44	35.09	
2006	67.21	9.26	98.63	31.42	
2007	62.56	87.45	98.47	35.91	
2008	65.87	7.93	98.97	33.1	
2009	64.47	18.72	98.82	34.35	
2010	61.37	16.52	98.62	37.25	
2011	62.05	31.59	98.59	36.54	
2012	64.34	37.22	98.76	34.42	
2013	61.08	20.26	98.67	37.59	
2014	60.23	37.89	98.62	38.39	
2015	57.65	36.9	98.54	40.9	
2016	56.2	36.19	98.49	42.29	
2017	56.88	106.37	98.44	41.56	
2018	57.06	49.08	98.42	41.36	
2019	56.89	0	98.4	41.51	
2020	57.57	167.75	98.3	40.73	
2021	56.89	0	98.4	41.51	
2022	62.19	34.76	98.39	36.2	
2023	52.15	26.33	98.39	46.24	
2024	52.72	22.46	98.39	45.67	
2025	51.67	18.94	98.39	46.72	
2026	51.58	18.77	98.39	46.81	
2027	51.58	21.88	98.39	46.81	
2028	51.47	25.5	98.41	46.94	
2029	52.94	37.99	98.44	45.5	
2030	57.4	47.45	98.47	41.07	
2031	61.16	9.98	98.48	37.32	
2032	51.65	24.7	98.51	46.86	
2033	56.85	17.79	98.5	41.65	
2034	55.11	36.18	98.46	43.35	
2035	52.89	18.27	98.44	45.55	
2036	50.59	44.23	98.21	47.62	
2037	50.56	43.46	98.34	47.78	
2038	51.05	82.51	98.32	47.27	
2039	51.69	63.25	98.32	46.63	
2040	51.39	8.47	98.33	46.94	
2041	51.42	36.76	98.33	46.91	
2042	51.1	50.52	98.23	47.13	
2043	50.48	37.23	98.23	47.75	
2044	57.28	122.73	98.24	40.96	
2045	52.24	9.1	98.34	46.1	
2046	52.63	80.79	98.34	45.71	
2047	59.05	23.58	98.36	39.31	
2048	62.86	63.76	98.42	35.56	
2049	61.05	28.86	98.43	37.38	
2050	61.05	84.25	98.44	37.39	
2051	61.31	51.25	98.46	37.15	
2052	61.14	21.75	98.52	37.38	
2053	60.5	38.93	98.47	37.97	
2054	60.22	71.74	98.44	38.22	
2055	62.74	29.6	98.43	35.69	
2056	61.94	68.33	98.43	36.49	
2057	63.6	21.75	98.43	34.83	
2058	63.6	26.48	98.42	34.82	
2059	63.18	100.76	98.41	35.23	
2060	57.58	83.99	98.4	40.82	
2061	54.66	50.81	98.39	43.73	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
2062	54.07	49.43	98.37	44.3	
2063	53.63	71.91	98.28	44.65	
2064	51.62	50.87	98.24	46.62	
2065	60.38	281.72	98.64	38.26	
2066	55.48	105.5	98.39	42.91	
2067	56.74	39.04	98.41	41.67	
2068	57.54	43.21	98.43	40.89	
2069	58.31	50.85	98.53	40.22	
2070	61.05	37.88	98.8	37.75	
2071	60.4	55.55	98.31	37.91	
2072	57.05	45.05	98.18	41.13	
2073	51.83	9.17	98.15	46.32	
2074	50.65	3.99	98.15	47.5	
2075	49.54	18.33	98.14	48.6	
2076	50.05	19.96	98.04	47.99	
2077	56.85	30.8	98.01	41.16	
2078	57.37	46.38	97.96	40.59	
2079	60.75	7.68	98	37.25	
2080	50.29	0	97.97	47.68	
2081	51.71	26.44	97.95	46.24	
2082	50.77	55.09	97.96	47.19	
2083	49.54	102.17	98.02	48.48	
2084	50.39	79.12	98.03	47.64	
2085	53.66	46.69	98.03	44.37	
2086	57.45	38.24	98.06	40.61	
2087	61.31	91.81	98.07	36.76	
2088	66.37	171.63	98.12	31.75	
2089	63.35	40.37	98.28	34.93	
2090	67.05	56.48	98.34	31.29	
2091	63.11	0	98.52	35.41	
2092	55.7	101.23	98.12	42.42	
2093	64.93	2.18	98.57	33.64	
2094	58.86	17.76	98.18	39.32	
2095	51.78	87.45	98.03	46.25	
2096	54.18	61.27	98.02	43.84	
2097	50.09	64.38	98.01	47.92	
2098	49.67	35.68	98.01	48.34	
2099	50.86	8.94	98.03	47.17	
2100	50.28	32.88	98	47.72	
2101	49.79	200.7	98.01	48.22	
2102	49.05	609.2	97.86	48.81	
2103	49.2	8.59	97.71	48.51	
2104	49.4	0	97.82	48.42	
2105	48.1	8.01	97.82	49.72	
2106	48.48	18.52	97.82	49.34	
2107	58.67	111.86	97.82	39.15	
2108	49.45	92.68	97.9	48.45	
2109	50.29	7.96	97.95	47.66	
2110	53.68	9.26	97.34	43.66	
2111	50.45	18.87	97.36	46.91	
2112	49.71	6.3	97.48	47.77	
2113	48.13	5.62	97.5	49.37	
2114	48.31	68.35	97.45	49.14	
2115	63.59	61.46	97.19	33.6	
2116	60.93	32.42	97.28	36.35	
2117	60.71	38.6	97.3	36.59	
2118	51.79	33.43	97.33	45.54	
2119	52.23	88.67	97.33	45.1	
2120	49.28	52.28	97.44	48.16	
2121	49.28	40.05	97.44	48.16	
2122	48.41	3.99	97.18	48.77	
2123	51.64	20.34	97.18	45.54	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
2124	56.27	18.59	97.3	41.03	
2125	63.82	38.56	97.16	33.34	
2126	58.05	36.32	97.16	39.11	
2127	65.45	18.97	97.18	31.73	
2128	61.07	7.72	97.16	36.09	
2129	64.29	18.62	97.18	32.89	
2130	62.52	17.93	97.16	34.64	
2131	59.09	83.25	97.16	38.07	
2132	49.79	66.85	97.16	47.37	
2133	61.05	16.98	97.16	36.11	
2134	59.32	30.56	97.16	37.84	
2135	54.05	65.42	97.15	43.1	
2136	52.11	184.46	97.32	45.21	
2137	51.27	19.42	97.16	45.89	
2138	57.42	7.78	97.16	39.74	
2139	50.74	60.7	97.15	46.41	
2140	56.5	81	97.32	40.82	
2141	66.05	17.26	97.34	31.29	
2142	54.32	19.27	97.34	43.02	
2143	57.08	43.35	97.32	40.24	
2144	49.11	4.01	96.44	47.33	
2145	49.66	2.38	96.44	46.78	
2146	50.41	4.79	96.41	46	
2147	50.06	19.18	96.2	46.14	
2148	50.41	2.92	96.42	46.01	
2149	50.76	99.86	96.41	45.65	
2150	51.08	3.23	96.42	45.34	
2151	52.18	202.85	96.07	43.89	
2152	49.43	662.56	96.39	46.96	
2153	57.12	9.85	96.74	39.62	
2154	53.08	56.66	96.44	43.36	
2155	52.38	43.49	96.47	44.09	
2156	70.65	32.52	96.7	26.05	
2157	50.48	65.6	96.23	45.75	
2158	51.68	45.7	96.23	44.55	
2159	53.07	56.5	96.24	43.17	
2160	53.12	51.78	96.24	43.12	
2161	52.33	0	96.47	44.14	
2162	52.38	0.32	96.59	44.21	
2163	52.33	39.96	96.56	44.23	
2164	52.82	36.52	96.39	43.57	
2165	53.07	17.61	96.39	43.32	
2166	53.57	66.4	96.23	42.66	
2167	70.67	31.03	96.51	25.84	
2168	55.68	38	96.42	40.74	
2169	52.91	8.34	96.39	43.48	
2170	54.89	25.24	96.39	41.5	
2171	53.07	69.44	96.26	43.19	
2172	53.12	5.71	96.29	43.17	
2173	52.92	24.71	96.24	43.32	
2174	52.63	8.25	96.24	43.61	
2175	52.71	0	96.24	43.53	
2176	52.71	20.73	96.24	43.53	
2177	53.07	10.39	96.28	43.21	
2178	52.78	26.7	96.25	43.47	
2179	55.4	6.89	96.25	40.85	
2180	52.82	18.98	96.25	43.43	
2181	52.75	19.42	96.25	43.5	
2182	52.92	4.99	95.97	43.05	
2183	52.9	10.45	96.25	43.35	
2184	50.13	1.73	95.88	45.75	
2185	54.89	20.3	96.39	41.5	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
2186	55.53	51.97	96.39	40.86	
2187	53.12	17.78	96.23	43.11	
2188	52.8	18.74	96.25	43.45	
2189	52.81	17.6	96.2	43.39	
2190	53.11	0	96.22	43.11	
2191	53.12	18.69	95.96	42.84	
2192	57.67	4.32	96.06	38.39	
2193	53.11	19.49	96.22	43.11	
2194	53.12	0	95.92	42.8	
2195	53.12	10.1	95.92	42.8	
2196	53.34	0.65	95.94	42.6	
2197	52.89	2.71	95.85	42.96	
2198	53.27	8.97	95.92	42.65	
2199	52.7	8.77	95.75	43.05	
2200	54.7	10.1	95.78	41.08	
2201	53.64	3.1	95.88	42.24	
2202	53.38	17.33	95.39	42.01	
2203	52.79	19.35	95.39	42.6	
2204	53.43	1.13	95.31	41.88	
2205	52.9	1.11	95.24	42.34	
2206	53.28	0.32	95.25	41.97	
2207	52.83	44.51	95.16	42.33	
2208	52.91	20.84	95.09	42.18	
2209	53.34	20.52	94.99	41.65	
2210	53.5	18.08	94.94	41.44	
2211	55.58	9.6	94.9	39.32	
2212	55.06	26.52	94.91	39.85	
2213	52.26	120.97	94.91	42.65	
2214	53.59	21.49	94.94	41.35	
2215	53.27	45.39	94.98	41.71	
2216	53.2	54.6	95.01	41.81	
2217	52.76	48.2	94.98	42.22	
2218	50.76	23.08	94.91	44.15	
2219	52.1	8.06	94.91	42.81	
2220	52.1	53.23	94.92	42.82	
2221	52.1	5.97	94.91	42.81	
2222	52.1	30.94	94.91	42.81	
2223	53.43	26.73	94.91	41.48	
2224	53.6	22.14	94.91	41.31	
2225	51.83	57.31	94.91	43.08	
2226	53.07	43.1	94.98	41.91	
2227	59.05	31.63	97.08	38.03	
2228	53.73	7.75	96.77	43.04	
2229	56.94	0	96.8	39.86	
2230	53.43	76.68	96.61	43.18	
2231	53.22	26.58	95.81	42.59	
2232	53.82	7.96	95.59	41.77	
2233	53.53	74.55	95.81	42.28	
2234	53.64	18.52	95.59	41.95	
2235	53.91	7.78	95.51	41.6	
2236	53.65	20.1	95.51	41.86	
2237	53.76	34.58	95.24	41.48	
2238	53.2	24.42	95.24	42.04	
2239	54.13	16.77	95.21	41.08	
2240	53.66	8.8	95.2	41.54	
2241	55.53	8.3	95.19	39.66	
2242	53.74	19.77	95.19	41.45	
2243	53.5	21.39	95.17	41.67	
2244	54.34	34.87	95.14	40.8	
2245	55.35	17.17	95.1	39.75	
2246	55.57	0	95	39.43	
2247	55.5	0	95.21	39.71	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
2248	55.05	122.12	95.19	40.14	
2249	55.06	75.18	95.18	40.12	
2250	55.43	8.43	95.17	39.74	
2251	55.21	29.92	94.56	39.35	
2252	60.14	49.95	94.56	34.42	
2253	54.9	5.73	94.56	39.66	
2254	55.21	49.66	94.56	39.35	
2255	55.19	27.45	94.56	39.37	
2256	56.73	17.43	94.55	37.82	
2257	59.43	81.18	94.85	35.42	
2258	57.83	0	94.85	37.02	
2259	57.83	0	94.85	37.02	
2260	54.81	53.59	94.66	39.85	
2261	54.9	10.41	94.56	39.66	
2262	55.75	71	94.56	38.81	
2263	61.46	24.56	94.59	33.13	
2264	57.16	23.54	94.49	37.33	
2265	55.59	48.25	94.63	39.04	
2266	55.59	52.41	94.56	38.97	
2267	57.25	8.15	94.62	37.37	
2268	59.1	3.56	94.77	35.67	
2269	56.1	26.47	94.63	38.53	
2270	56.93	8.88	94.63	37.7	
2271	57.1	7.2	94.63	37.53	
2272	57.17	9.51	94.63	37.46	
2273	59.46	16.48	94.77	35.31	
2274	59.61	1.22	94.64	35.03	
2275	59.37	18.04	94.58	35.21	
2276	59.1	23.96	94.5	35.4	
2277	57.18	36.32	94.49	37.31	
2278	55.9	38.07	94.49	38.59	
2279	56.11	20.51	94.5	38.39	
2280	56.59	22.04	94.49	37.9	
2281	46.66	24.24	94.84	48.18	
2282	49.77	18.25	94.95	45.18	
2283	46.36	15.63	94.83	48.47	
2284	45.63	11.72	94.84	49.21	
2285	45.55	14.92	94.84	49.29	
2286	45.39	20.93	94.85	49.46	
2287	45.36	18.98	94.89	49.53	
2288	45.58	20.26	94.97	49.39	
2289	45.94	10.35	94.92	48.98	
2290	45.89	14.13	94.82	48.93	
2291	47.12	11.19	94.82	47.7	
2292	45.05	11.85	94.82	49.77	
2293	44.76	14.23	94.84	50.08	
2294	44.75	18.46	94.84	50.09	
2295	44.79	11.62	94.85	50.06	
2296	45.84	7.79	94.89	49.05	
2297	44.8	7.46	94.88	50.08	
2298	44.9	32.44	94.84	49.94	
2299	44.77	69.04	94.82	50.05	
2300	43.75	19	94.81	51.06	
2301	44.68	18	94.82	50.14	
2302	44.15	18.82	94.79	50.64	
2303	45.45	16.85	94.79	49.34	
2304	44.2	173.7	94.79	50.59	
2305	45.22	15.38	94.8	49.58	
2306	45.55	14.85	94.8	49.25	
2307	44.94	17.07	94.79	49.85	
2308	44.09	9.88	94.79	50.7	
2309	43.87	74.09	94.79	50.92	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
2310	45.34	9.11	94.79	49.45	
2311	44.51	10.38	94.8	50.29	
2312	44.43	10.64	94.79	50.36	
2313	44.06	139.83	94.79	50.73	
2314	43.91	27.98	94.79	50.88	
2315	43.88	9.84	94.79	50.91	
2316	44.67	8.53	96.35	51.68	
2317	44.33	0	96.76	52.43	
2318	44.28	0.86	96.76	52.48	
2319	43.56	30.68	96.22	52.66	
2320	43.83	7.76	96.14	52.31	
2321	43.46	9.1	96.1	52.64	
2322	43.51	19.65	96.1	52.59	
2323	43.55	55.83	96.07	52.52	
2324	44.71	21.96	96.07	51.36	
2325	40.29	34.48	96.06	55.77	
2326	40.86	63.36	96.06	55.2	
2327	44.51	26.52	96.06	51.55	
2328	45.06	6.72	96.06	51	
2329	45.36	0.32	96.06	50.7	
2330	44.86	62.96	96.06	51.2	
2331	42.54	106.77	96.06	53.52	
2332	43.31	68.15	96.07	52.76	
2333	41.12	60.64	96.06	54.94	
2334	42.76	28.8	96.06	53.3	
2335	42.52	54.14	96.06	53.54	
2336	44.41	119.16	96.07	51.66	
2337	41.7	8.73	96.06	54.36	
2338	45.09	38.68	96.07	50.98	
2339	44.05	29.27	96.15	52.1	
2340	43.87	34.78	96.07	52.2	
2341	44.34	28.22	96.08	51.74	
2342	44.34	9.89	96.14	51.8	
2343	43.83	69.17	96.14	52.31	
2344	43.41	9.64	96.12	52.71	
2345	44.64	9.19	96.13	51.49	
2346	44.53	20.03	96.17	51.64	
2347	43.74	46.38	96.19	52.45	
2348	44.24	9.96	96.2	51.96	
2349	43.81	45.2	96.22	52.41	
2350	44.37	58.38	96.22	51.85	
2351	45.64	16.64	96.22	50.58	
2352	44.83	0.51	96.21	51.38	
2353	45.32	21.42	96.21	50.89	
2354	44.37	44.03	96.22	51.85	
2355	45.19	4.97	96.19	51	
2356	44.3	39.32	96.2	51.9	
2357	44.94	28.23	96.17	51.23	
2358	44.27	39.65	96.14	51.87	
2359	44.83	7.55	96.06	51.23	
2360	45.35	4.66	96.06	50.71	
2361	45.18	23.55	96.06	50.88	
2362	45.05	17.57	96.06	51.01	
2363	44.83	1.11	96.06	51.23	
2364	45.06	51.09	96.06	51	
2365	44.67	27.03	96.07	51.4	
2366	44.8	16.98	96.06	51.26	
2367	44.56	18.2	96.07	51.51	
2368	42.35	16.64	96.12	53.77	
2369	42.77	5.54	96.06	53.29	
2370	44.05	0	96.26	52.21	
2371	42.05	1.75	96.2	54.15	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
2372	46.32	21.26	96.15	49.83	
2373	42.1	9.19	96.15	54.05	
2374	47.33	35.42	96.09	48.76	
2375	45.92	54.31	96.07	50.15	
2376	43.05	24.03	96.07	53.02	
2377	41.18	20.52	96.07	54.89	
2378	41.22	29.45	96.07	54.85	
2379	47.68	75.65	96.08	48.4	
2380	45.12	10.38	96.13	51.01	
2381	44.66	28.36	96.11	51.45	
2382	44.78	19.77	96.13	51.35	
2383	44.72	47.27	96.1	51.38	
2384	46.62	27.31	96.09	49.47	
2385	45.61	60.28	96.08	50.47	
2386	43.72	38.22	96.08	52.36	
2387	43.55	48.49	96.09	52.54	
2388	43.42	34.91	96.07	52.65	
2389	42.81	6.31	96.07	53.26	
2390	42.77	86.32	96.07	53.3	
2391	45.83	40.96	96.08	50.25	
2392	45.82	36.58	96.08	50.26	
2393	45.12	35.03	96.11	50.99	
2394	44.66	35.64	96.09	51.43	
2395	45.2	37.92	96.09	50.89	
2396	45.14	20.97	96.09	50.95	
2397	45.4	2.75	96.09	50.69	
2398	44.92	20.92	96.1	51.18	
2399	44.05	25.82	96.1	52.05	
2400	43.94	17.18	96.05	52.11	
2401	44.67	24.89	95.99	51.32	
2402	44.05	69.52	96.02	51.97	
2403	44.32	8.45	95.98	51.66	
2404	44.32	43.68	95.98	51.66	
2405	46.31	60.29	96	49.69	
2406	46.31	23.47	96.04	49.73	
2407	46.37	10.4	96.08	49.71	
2408	47.06	27.6	96.17	49.11	
2409	46.57	19.53	96.08	49.51	
2410	46.49	10.34	95.99	49.5	
2411	46.16	26.77	96	49.84	
2412	46.46	9.3	95.98	49.52	
2413	46.28	37.6	95.98	49.7	
2414	44.73	51.36	95.97	51.24	
2415	46.62	17.15	95.97	49.35	
2416	44.12	3.95	95.91	51.79	
2417	44.14	33.36	95.99	51.85	
2418	44.09	9.05	96	51.91	
2419	43.26	27.39	95.97	52.71	
2420	44.17	20.14	95.97	51.8	
2421	43.44	23.34	95.97	52.53	
2422	47.37	24.06	95.97	48.6	
2423	47.86	38.22	95.94	48.08	
2424	43.29	20.5	95.92	52.63	
2425	47.9	17.38	95.91	48.01	
2426	46.4	5.29	95.9	49.5	
2427	47.9	6.54	95.92	48.02	
2428	43.55	37.22	95.92	52.37	
2429	44.17	29.59	95.94	51.77	
2430	44.17	19.59	95.95	51.78	
2431	44.84	55.22	95.97	51.13	
2432	45.21	32.78	95.95	50.74	
2433	45.73	142.6	95.9	50.17	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
2434	46.89	87.74	95.9	49.01	
2435	45.7	20.9	95.9	50.2	
2436	45.7	8.37	95.9	50.2	
2437	45.44	10.57	95.89	50.45	
2438	45.81	89.4	95.88	50.07	
2439	45.32	24.21	95.87	50.55	
2440	45.38	18.95	95.85	50.47	
2441	47.61	19.57	96.04	48.43	
2442	47.14	37.39	96.05	48.91	
2443	47.78	4.38	95.98	48.2	
2444	48.87	32.08	95.95	47.08	
2445	47.81	38.98	95.98	48.17	
2446	47.76	2.04	96.02	48.26	
2447	47.65	20.75	96.01	48.36	
2448	48.47	9.78	95.95	47.48	
2449	48.48	0	96	47.52	
2450	47.65	18.7	95.79	48.14	
2451	47.12	18.83	95.97	48.85	
2452	46.83	18.06	96	49.17	
2453	47.44	8.33	95.99	48.55	
2454	47.59	32.38	95.84	48.25	
2455	47.44	18.12	95.88	48.44	
2456	47.38	28.3	95.94	48.56	
2457	47.43	20.16	95.95	48.52	
2458	46.71	21.08	95.97	49.26	
2459	46.51	27.27	95.97	49.46	
2460	47.84	9.83	95.92	48.08	
2461	47.43	18.92	95.93	48.5	
2462	47.37	23.25	95.91	48.54	
2463	47.26	3.87	95.9	48.64	
2464	48.13	7.68	95.91	47.78	
2465	47.93	49	95.91	47.98	
2466	47.81	3.25	95.91	48.1	
2467	44.61	5.5	95.91	51.3	
2468	44.52	0.57	95.91	51.39	
2469	43.49	9.9	95.91	52.42	
2470	48.22	16.84	95.64	47.42	
2471	44.12	8.43	95.89	51.77	
2472	43.49	113.07	95.86	52.37	
2473	48.43	22.8	95.9	47.47	
2474	47.42	20.44	95.55	48.13	
2475	47.3	1.89	95.72	48.42	
2476	48.45	20.47	95.6	47.15	
2477	47.42	0	95.56	48.14	
2478	47.42	0	95.56	48.14	
2479	47.25	16.74	95.5	48.25	
2480	47.4	10.63	95.47	48.07	
2481	47.91	162.78	95.43	47.52	
2482	48.09	90.05	95.31	47.22	
2483	48.09	0	95.3	47.21	
2484	47.8	34.12	95.34	47.54	
2485	47.37	8.11	95.48	48.11	
2486	47.42	16.45	95.52	48.1	
2487	47.68	3.62	95.45	47.77	
2488	48.42	21.77	95.64	47.22	
2489	47.74	177.85	95.44	47.7	
2490	44.9	25.77	95.38	50.48	
2491	47.66	23.67	95.37	47.71	
2492	47.73	7.72	95.37	47.64	
2493	47.53	2.39	95.36	47.83	
2494	47.53	9.2	95.36	47.83	
2495	45.07	6.16	95.39	50.32	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
2496	44.9	22.67	95.38	50.48	
2497	47.52	9.87	95.37	47.85	
2498	44.86	3.95	95.4	50.54	
2499	48.26	33.15	95.37	47.11	
2500	45.17	4.21	95.42	50.25	
2501	48.28	0	95.42	47.14	
2502	48.28	7.6	95.44	47.16	
2503	48.87	7.16	95.38	46.51	
2504	48.05	10.01	95.39	47.34	
2505	48.32	32.54	95.63	47.31	
2506	47.76	16.88	95.73	47.97	
2507	48.07	16.88	95.68	47.61	
2508	48.08	80.05	95.65	47.57	
2509	47.88	48.02	95.58	47.7	
2510	47.88	0.07	95.53	47.65	
2511	48.13	7.75	95.47	47.34	
2512	47.93	18.67	95.63	47.7	
2513	48.46	6.69	95.54	47.08	
2514	48.08	20.72	95.61	47.53	
2515	48.87	29.17	95.58	46.71	
2516	48.25	3.01	95.52	47.27	
2517	47.8	19.57	95.35	47.55	
2518	48.91	8.66	95.35	46.44	
2519	50.12	20.13	95.35	45.23	
2520	48.12	18.61	95.35	47.23	
2521	49.32	16.52	95.35	46.03	
2522	48.12	17.67	95.36	47.24	
2523	48.63	19.39	95.35	46.72	
2524	49.33	20.42	95.35	46.02	
2525	49.83	5	95.35	45.52	
2526	50.26	77.61	95.35	45.09	
2527	50.29	18.36	95.35	45.06	
2528	50.44	3.16	95.34	44.9	
2529	50.55	16.95	95.34	44.79	
2530	50.31	3.48	95.35	45.04	
2531	50.74	18.84	95.34	44.6	
2532	50.12	85.59	95.34	45.22	
2533	48.12	31.37	95.37	47.25	
2534	48.65	49.44	95.35	46.7	
2535	50.55	66.36	95.34	44.79	
2536	44.86	48.59	95.39	50.53	
2537	49.3	57.75	95.35	46.05	
2538	46.18	72.55	95.34	49.16	
2539	48.33	44.57	95.41	47.08	
2540	49.32	0	95.41	46.09	
2541	49.32	10.41	95.41	46.09	
2542	50.61	101.74	95.36	44.75	
2543	49.82	0	95.36	45.54	
2544	49.91	2.76	95.36	45.45	
2545	50.82	8.45	95.36	44.54	
2546	48.13	35.5	95.42	47.29	
2547	50.43	78.46	95.36	44.93	
2548	50.94	0.36	95.36	44.42	
2549	52.91	8.46	95.35	42.44	
2550	51.91	16.71	95.34	43.43	
2551	47.44	49.14	95.34	47.9	
2552	50.69	0	95.23	44.54	
2553	51.08	0	95.08	44	
2554	50.31	26.41	95.33	45.02	
2555	50.31	0	95.23	44.92	
2556	50.18	0	95.21	45.03	
2557	46.79	42.7	95.34	48.55	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
2558	51.08	217.83	95.08	44	
2559	51.12	17.58	95.35	44.23	
2560	51.34	5.13	95.34	44	
2561	50.94	4.78	95.36	44.42	
2562	49.42	8.74	95.36	45.94	
2563	49.91	25.73	95.35	45.44	
2564	50.12	24.49	95.34	45.22	
2565	49.81	98.02	95.33	45.52	
2566	50.11	23.34	95.33	45.22	
2567	50.11	73.04	95.24	45.13	
2568	49.89	25.08	95.32	45.43	
2569	49.89	0	95.32	45.43	
2570	49.6	61.95	95.34	45.74	
2571	49.31	41.64	95.34	46.03	
2572	48.91	39.48	95.42	46.51	
2573	48.82	97.15	95.52	46.7	
2574	48.66	62.79	95.43	46.77	
2575	48.85	19.28	95.61	46.76	
2576	49.18	17.22	95.43	46.25	
2577	48.76	5.8	95.68	46.92	
2578	49.24	91.76	95.41	46.17	
2579	48.9	36.3	95.43	46.53	
2580	49.23	7.53	95.34	46.11	
2581	49.4	99.57	95.32	45.92	
2582	52.33	271.1	94.88	42.55	
2583	51.94	55.66	94.89	42.95	
2584	52.69	20.5	94.86	42.17	
2585	50.73	0	94.81	44.08	
2586	50.73	0	94.81	44.08	
2587	50.73	0	94.81	44.08	
2588	50.79	0	94.81	44.02	
2589	50.82	52.73	94.81	43.99	
2590	53.64	0	94.79	41.15	
2591	53.64	31.88	94.79	41.15	
2592	53.64	21.09	94.8	41.16	
2593	52.93	8.87	94.82	41.89	
2594	52.17	16.75	94.81	42.64	
2595	52.91	6.66	94.8	41.89	
2596	51.75	17.83	94.83	43.08	
2597	51.75	0	94.82	43.07	
2598	52.17	0	94.81	42.64	
2599	51.1	0	94.82	43.72	
2600	51.47	36.3	94.82	43.35	
2601	51.12	43.49	94.81	43.69	
2602	51.1	5.9	94.82	43.72	
2603	50.9	24.5	94.82	43.92	
2604	51.1	0	94.82	43.72	
2605	51.78	7.64	94.81	43.03	
2606	51.52	21.77	94.81	43.29	
2607	51.8	0	94.81	43.01	
2608	50.9	81.03	94.81	43.91	
2609	51.52	0	94.83	43.31	
2610	51.8	2.79	94.83	43.03	
2611	50.63	199.91	94.81	44.18	
2612	50.58	96.09	94.8	44.22	
2613	52.48	25	94.81	42.33	
2614	48.63	19.03	94.81	46.18	
2615	52.49	0	94.81	42.32	
2616	52.49	22.06	94.81	42.32	
2617	47.55	21.71	94.81	47.26	
2618	50.66	9.77	94.81	44.15	
2619	51.16	10.53	94.81	43.65	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
2620	47.86	20.22	94.81	46.95	
2621	48.71	38.07	94.86	46.15	
2622	51.74	33.61	94.81	43.07	
2623	52.11	8.98	94.82	42.71	
2624	52.9	9.06	94.87	41.97	
2625	52.48	7.7	94.82	42.34	
2626	49.1	53.71	94.82	45.72	
2627	52.9	0	94.84	41.94	
2628	52.41	6.41	94.83	42.42	
2629	52.88	0	94.83	41.95	
2630	52.9	0.32	94.84	41.94	
2631	52.47	17.13	94.82	42.35	
2632	52.86	6.87	94.82	41.96	
2633	53.13	17.19	94.82	41.69	
2634	49.24	36.22	94.82	45.58	
2635	52.86	0	94.82	41.96	
2636	53.22	0	94.82	41.6	
2637	53.05	16.87	94.82	41.77	
2638	53.1	7.49	94.82	41.72	
2639	53.1	8.8	94.81	41.71	
2640	53.22	8.41	94.81	41.59	
2641	53.06	16.86	94.8	41.74	
2642	52.24	7.86	94.81	42.57	
2643	53.55	8.2	94.66	41.11	
2644	54.46	3.5	94.64	40.18	
2645	55.16	20.38	94.61	39.45	
2646	52.31	67.82	94.64	42.33	
2647	54.93	46.1	94.64	39.71	
2648	54.1	246.5	94.62	40.52	
2649	54.29	4.64	94.62	40.33	
2650	52.66	35.58	94.64	41.98	
2651	53.23	23.01	94.63	41.4	
2652	52.93	24.66	94.65	41.72	
2653	53.16	7.7	94.66	41.5	
2654	49.44	7.45	94.64	45.2	
2655	53.06	0	94.85	41.79	
2656	49.64	0	94.84	45.2	
2657	50.09	8.97	94.64	44.55	
2658	54.74	5.13	94.63	39.89	
2659	55.08	58.66	94.62	39.54	
2660	54.94	188.37	94.6	39.66	
2661	54.81	27.97	94.61	39.8	
2662	54.89	85.48	94.61	39.72	
2663	54.92	9.09	94.62	39.7	
2664	55.81	20.53	94.63	38.82	
2665	54.63	45.86	94.62	39.99	
2666	54.76	10.09	94.62	39.86	
2667	50.57	3.21	94.64	44.07	
2668	55.72	3.7	94.7	38.98	
2669	55.28	5.06	94.62	39.34	
2670	55.15	9.95	94.62	39.47	
2671	54.5	6.96	94.62	40.12	
2672	55.81	7.13	94.63	38.82	
2673	55.14	1.58	94.62	39.48	
2674	55.46	17.29	94.62	39.16	
2675	51.31	10.07	94.63	43.32	
2676	55.87	0	94.63	38.76	
2677	54.63	8.18	94.62	39.99	
2678	54.49	16.56	94.63	40.14	
2679	55.74	17.58	94.63	38.89	
2680	55.74	0	94.63	38.89	
2681	51.16	19.92	94.63	43.47	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	등수두 (m)	잔류수두 (m)	비고
2682	54.26	18.99	94.63	40.37	
2683	55.48	6.3	94.66	39.18	
2684	51.29	20.68	94.64	43.35	
2685	54.26	5.46	94.63	40.37	
2686	54.31	17.85	94.64	40.33	
2687	55.55	44.63	94.64	39.09	
2688	54.54	19.58	94.64	40.1	
2689	53.35	4.01	94.64	41.29	
2690	54.33	3.8	94.64	40.31	
2691	54.06	6.77	94.64	40.58	
2692	52.69	6.2	94.64	41.95	
2693	52.92	0.32	94.64	41.72	
2694	50.1	2.06	94.64	44.54	
2695	52.34	35	94.64	42.3	
2696	52.3	19.19	94.64	42.34	
2697	52.78	20.54	94.64	41.86	
2698	53.24	2.35	94.64	41.4	
2699	53.13	9.05	94.64	41.51	
2700	55.09	84.86	94.67	39.58	
2701	52.92	4.24	94.66	41.74	
2702	55.28	17.2	94.77	39.49	
2703	55.23	62.04	94.88	39.65	
2704	55.32	9.82	94.68	39.36	
2705	56.33	9.28	94.7	38.37	
2706	52.85	114.85	94.57	41.72	
2707	53.49	81.5	94.57	41.08	
2708	54.38	33.79	94.57	40.19	
2709	53.45	21.52	94.57	41.12	
2710	54.62	1.27	94.62	40	
2711	54.86	2.63	94.62	39.76	
2712	56.15	9.24	94.4	38.25	
2713	57.43	934.07	93.81	36.38	
2714	55.18	19.06	94.68	39.5	
2715	54.67	25.61	94.66	39.99	
2716	55.18	19.42	94.66	39.48	
2717	55.1	21.77	94.65	39.55	
2718	55.15	29.05	94.65	39.5	
2719	55.82	23.22	94.64	38.82	
2720	53.11	94.86	94.6	41.49	
2721	54.94	56.23	94.57	39.63	
2722	56.21	45.02	94.58	38.37	
2723	56.39	70.9	94.42	38.03	
2724	56.86	23.29	94.4	37.54	
2725	58.31	35.97	94.44	36.13	
2726	51.31	10.27	94.38	43.07	
2727	56.2	8.78	94.38	38.18	
2728	56.49	8.48	94.38	37.89	
2729	56.06	3.72	94.38	38.32	
2730	52.59	26.53	94.38	41.79	
2731	58.88	22.96	94.39	35.51	
2732	55.05	5.17	94.38	39.33	
2733	55.95	9.73	94.38	38.43	
2734	51.33	17.38	94.38	43.05	
2735	56.91	7.68	94.4	37.49	
2736	56.05	86.57	94.38	38.33	
2737	58.46	41.36	94.4	35.94	
2738	60.34	5.28	94.4	34.06	
2739	60.34	16.54	94.4	34.06	
2740	64.67	24.37	94.43	29.76	
2741	68.47	9.81	94.5	26.03	
2742	64.1	10.44	94.63	30.53	
2743	61.26	59.86	94.39	33.13	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
2744	60.79	24.31	94.38	33.59	
2745	61.12	0	94.38	33.26	
2746	61.12	34.41	94.38	33.26	
2747	59.62	19.23	94.34	34.72	
2748	58.05	35.92	94.34	36.29	
2749	72.48	16.92	94.42	21.94	
2750	72.48	25.42	94.38	21.9	
2751	72.48	19	94.41	21.93	
2752	69.4	17.1	94.45	25.05	
2753	66.28	18.45	94.59	28.31	
2754	67.11	28.59	94.46	27.35	
2755	68.08	9.83	94.41	26.33	
2756	61.85	36.88	94.33	32.48	
2757	73.38	48.6	95.71	22.33	
2758	68.64	18.02	94.4	25.76	
2759	70.58	18.42	95.82	25.24	
2760	74.9	7.63	95.82	20.92	
2761	59.22	33.28	94.33	35.11	
2762	60.23	41.08	94.31	34.08	
2763	59.64	34.67	94.33	34.69	
2764	62.06	31.08	94.28	32.22	
2765	70.05	37.42	94.27	24.22	
2766	59.06	32.92	94.35	35.29	
2767	60.85	57.65	94.34	33.49	
2768	55.64	2.21	94.35	38.71	
2769	60.85	0	94.34	33.49	
2770	59.94	69.81	94.29	34.35	
2771	59.71	23.73	94.34	34.63	
2772	58.28	39.72	94.34	36.06	
2773	60.23	0	94.31	34.08	
2774	72.43	19.75	93.99	21.56	
2775	62.2	0	94.17	31.97	
2776	62.2	0	94.17	31.97	
2777	76.07	0	95.76	19.69	
2778	76.07	16.68	95.75	19.68	
2779	65.73	48.09	95.64	29.91	
2780	62.7	62.03	95.29	32.59	
2781	72.91	3.83	96.06	23.15	
2782	45.16	18.21	96.06	50.9	
2783	45.25	37.55	96.07	50.82	
2784	45.27	28.72	96.07	50.8	
2785	45.32	17.15	96.08	50.76	
2786	45.14	22.73	96.16	51.02	
2787	63.79	23.04	98.77	34.98	
2788	60.49	0	98.82	38.33	
2789	64.46	19.64	98.76	34.3	
2790	59.28	8.73	98.76	39.48	
2791	58.51	31.58	98.39	39.88	
2792	66.15	178.98	98.07	31.92	
2793	66.23	32.67	97.94	31.71	
2794	69.64	104.57	97.81	28.17	
2795	64.58	53.73	97.74	33.16	
2796	60.44	26.27	97.72	37.28	
2797	55.41	79.77	97.67	42.26	
2798	65.35	91.74	98.04	32.69	
2799	66.13	40.56	98.36	32.23	
2800	70.4	16.92	97.9	27.5	
2801	61.54	188.19	97.73	36.19	
2802	68.37	77.23	98.02	29.65	
2803	62.05	48.42	98.33	36.28	
2804	63.08	19.02	98.03	34.95	
2805	66.62	20.68	97.82	31.2	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
2806	58.92	10.53	97.71	38.79	
2807	54.63	28.1	97.66	43.03	
2808	53.65	101.88	97.6	43.95	
2809	51.48	951.49	97.44	45.96	
2810	51.27	32.52	98.15	46.88	
2811	51.45	21.59	97.62	46.17	
2812	51.76	19.84	97.86	46.1	
2813	52.11	10	97.7	45.59	
2814	52.11	7.53	97.57	45.46	
2815	51.39	38.89	97.59	46.2	
2816	51.38	16.4	97.62	46.24	
2817	51.91	18.99	97.62	45.71	
2818	52.09	30.94	97.58	45.49	
2819	53.63	36.65	97.66	44.03	
2820	53.08	30.76	97.65	44.57	
2821	53.11	41.86	97.61	44.5	
2822	53.19	25.53	97.61	44.42	
2823	52.94	7.94	97.56	44.62	
2824	57.87	19.24	97.41	39.54	
2825	58.83	17.73	97.35	38.52	
2826	56.22	20.57	97.45	41.23	
2827	49.76	36.76	97.51	47.75	
2828	51.73	5	97.55	45.82	
2829	49.93	16.57	97.48	47.55	
2830	53.21	18.2	97.46	44.25	
2831	52.38	123.12	97.56	45.18	
2832	52.24	23.14	97.51	45.27	
2833	52.62	48.13	97.56	44.94	
2834	53.46	29.02	97.62	44.16	
2835	51.3	7.55	97.58	46.28	
2836	52.57	7.75	97.57	45	
2837	52.06	9.3	97.59	45.53	
2838	52.56	30.71	97.6	45.04	
2839	51.61	40.34	97.58	45.97	
2840	52.19	29.7	97.59	45.4	
2841	51.9	21.15	97.59	45.69	
2842	69.64	147.53	97.77	28.13	
2843	64.07	8.92	97.78	33.71	
2844	67.07	23.14	97.76	30.69	
2845	67.68	2.34	97.76	30.08	
2846	64.18	17.35	97.74	33.56	
2847	61.55	18.66	97.73	36.18	
2848	60.4	129.82	97.72	37.32	
2849	56.57	35.97	97.72	41.15	
2850	61.45	26.2	97.73	36.28	
2851	63.64	75.89	97.73	34.09	
2852	58.6	10.37	97.72	39.12	
2853	56.35	8.37	97.72	41.37	
2854	55.76	3.87	97.75	41.99	
2855	55.84	8.93	97.73	41.89	
2856	55.94	5.67	97.73	41.79	
2857	55.43	6.13	97.72	42.29	
2858	55.58	6.16	97.71	42.13	
2859	55.86	2.57	97.73	41.87	
2860	64.71	31.84	97.73	33.02	
2861	66.57	35.57	97.74	31.17	
2862	62.83	29.78	97.72	34.89	
2863	61.57	26.38	97.72	36.15	
2864	64.25	3.55	97.73	33.48	
2865	64.88	18.85	97.74	32.86	
2866	63.54	19.25	97.73	34.19	
2867	66.33	23.29	97.75	31.42	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
2868	67.64	6.47	97.75	30.11	
2869	64.58	20.18	97.74	33.16	
2870	63.56	6.23	97.73	34.17	
2871	62.73	9.34	97.73	35	
2872	64.29	23.34	97.71	33.42	
2873	57.06	10.6	97.72	40.66	
2874	55.84	6.87	97.72	41.88	
2875	55.5	6.12	97.73	42.23	
2876	55.5	17.4	97.71	42.21	
2877	64.39	30.47	97.71	33.32	
2878	60.44	17.38	97.72	37.28	
2879	60.44	48.53	97.71	37.27	
2880	56.21	8.88	97.71	41.5	
2881	53.92	8.2	97.7	43.78	
2882	53.92	5.65	97.68	43.76	
2883	53.24	9.16	97.65	44.41	
2884	53.11	28.62	97.64	44.53	
2885	52.16	22.06	97.65	45.49	
2886	54.05	33.9	97.81	43.76	
2887	54.71	26.22	97.76	43.05	
2888	60.53	23.98	97.71	37.18	
2889	54.05	59.18	97.71	43.66	
2890	54.76	3.16	97.65	42.89	
2891	55.45	7.1	97.71	42.26	
2892	55.38	7.03	97.74	42.36	
2893	54.19	25.87	97.7	43.51	
2894	54.69	104.91	97.67	42.98	
2895	53.51	39.9	97.65	44.14	
2896	55.49	19.85	97.71	42.22	
2897	63.76	40.9	97.85	34.09	
2898	62.68	51.25	97.85	35.17	
2899	60.94	33.33	97.89	36.95	
2900	59.68	83.23	97.86	38.18	
2901	61.74	23.26	97.85	36.11	
2902	59.75	49.68	98.56	38.81	
2903	60.4	39.58	97.85	37.45	
2904	56.9	55.09	97.85	40.95	
2905	55.94	10.25	97.85	41.91	
2906	53.05	8.59	97.86	44.81	
2907	54.05	32.86	97.92	43.87	
2908	54.51	74.78	98.01	43.5	
2909	60.81	44.12	97.86	37.05	
2910	59.17	72.34	97.85	38.68	
2911	57.66	56.32	97.84	40.18	
2912	55.94	83.02	97.85	41.91	
2913	54.62	0	98.06	43.44	
2914	54.62	16.61	98.06	43.44	
2915	55.63	45.63	97.99	42.36	
2916	55.63	9.05	98.09	42.46	
2917	60.88	47.85	97.93	37.05	
2918	56.89	79.44	97.91	41.02	
2919	55.75	39.09	97.97	42.22	
2920	59.15	8.47	97.91	38.76	
2921	59.38	75.41	97.93	38.55	
2922	60.69	28.26	97.95	37.26	
2923	61.76	0	99.33	37.57	
2924	60.82	42.63	98.01	37.19	
2925	61.31	0	98.83	37.52	
2926	60.87	65.95	98	37.13	
2927	59.35	157.96	98.16	38.81	
2928	58.81	32.86	98.08	39.27	
2929	57.94	54.31	97.92	39.98	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
2930	59.19	26.87	97.91	38.72	
2931	58.22	67.94	97.99	39.77	
2932	59.69	20.23	98.12	38.43	
2933	59.29	20.52	98.06	38.77	
2934	57.1	67.68	97.94	40.84	
2935	57.94	35.9	98.04	40.1	
2936	56.87	44.57	97.92	41.05	
2937	57.17	142.1	97.93	40.76	
2938	58.47	36.72	98.06	39.59	
2939	59.71	10.46	97.92	38.21	
2940	57.16	57.14	97.93	40.77	
2941	55.55	18.49	97.97	42.42	
2942	61.46	22.58	97.91	36.45	
2943	65.1	9.6	97.89	32.79	
2944	57.39	33.46	97.93	40.54	
2945	58.58	0	98.27	39.69	
2946	58.58	0	98.27	39.69	
2947	60.42	67.61	97.77	37.35	
2948	68.17	44.51	97.76	29.59	
2949	65.62	80.61	97.83	32.21	
2950	68.88	60.26	97.71	28.83	
2951	69.25	17.14	97.67	28.42	
2952	70.46	43.93	97.66	27.2	
2953	73.11	9.56	97.64	24.53	
2954	78.11	61.55	97.63	19.52	
2955	85.12	66.02	97.63	12.51	
2956	84.78	27.76	97.63	12.85	
2957	77.08	55.47	97.61	20.53	
2958	75.6	404.85	97.55	21.95	
2959	83.54	10.45	97.63	14.09	
2960	71.14	19.2	97.66	26.52	
2961	76.21	62.13	97.64	21.43	
2962	65.53	52.44	97.76	32.23	
2963	66.75	9.9	97.75	31	
2964	68.21	70.21	97.67	29.46	
2965	69.93	48.53	97.67	27.74	
2966	72.69	83.53	97.65	24.96	
2967	69.93	52.25	97.66	27.73	
2968	70.68	66.18	97.67	26.99	
2969	59.82	17.2	97.8	37.98	
2970	63.4	8.14	97.82	34.42	
2971	63.4	6.33	97.81	34.41	
2972	61.09	82.54	97.77	36.68	
2973	60.33	19.72	97.79	37.46	
2974	64.55	79.33	97.74	33.19	
2975	65.68	31.22	97.73	32.05	
2976	66.28	34.89	97.7	31.42	
2977	66.16	74.36	97.67	31.51	
2978	68.84	52.34	97.67	28.83	
2979	68.48	34.82	97.72	29.24	
2980	65.93	51.25	97.74	31.81	
2981	65.33	22.14	97.72	32.39	
2982	63.4	7.76	97.8	34.4	
2983	58.81	0	97.29	38.48	
2984	56.24	20.94	96.8	40.56	
2985	66.72	80.16	96.41	29.69	
2986	55.91	2.63	97.28	41.37	
2987	58.81	20.29	97.29	38.48	
2988	52.34	524.24	97.25	44.91	
2989	49.14	0	97.28	48.14	
2990	52.07	81.32	97.2	45.13	
2991	53.36	52.3	96.32	42.96	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
2992	54.47	161.71	97.28	42.81	
2993	53.12	8.66	96.44	43.32	
2994	52.93	2.83	96.33	43.4	
2995	53.18	16.78	96.24	43.06	
2996	52.36	8.46	96.16	43.8	
2997	52.56	28.15	96.04	43.48	
2998	53.43	27.63	95.91	42.48	
2999	53.89	27.82	95.79	41.9	
3000	53.48	33.54	95.78	42.3	
3001	54.11	22.67	95.5	41.39	
3002	52.11	60.12	95.54	43.43	
3003	54.3	9.42	96.41	42.11	
3004	49.65	34.42	96.42	46.77	
3005	54.08	36.48	96.4	42.32	
3006	53.92	42.2	96.39	42.47	
3007	53.92	54.39	96.28	42.36	
3008	53.74	52.15	96.27	42.53	
3009	64.35	117.99	96.07	31.72	
3010	50.76	25.97	96.28	45.52	
3011	50.53	30.54	96.38	45.85	
3012	51.11	17.18	96.24	45.13	
3013	53.54	19.26	96.11	42.57	
3014	52.71	18.31	96.11	43.4	
3015	53.34	8.37	96.07	42.73	
3016	53.45	50.4	96.01	42.56	
3017	53.91	7.32	96.08	42.17	
3018	54.34	18.82	96.07	41.73	
3019	63.12	27.82	96.06	32.94	
3020	54.53	24.54	96.07	41.54	
3021	53.45	10.41	96.07	42.62	
3022	60.92	92.14	95.79	34.87	
3023	63.87	39.14	96	32.13	
3024	55.3	52.75	95.93	40.63	
3025	55.14	23.32	95.59	40.45	
3026	54.67	17.44	95.56	40.89	
3027	66.2	23.38	95.99	29.79	
3028	73.29	7.23	95.99	22.7	
3029	73.12	64.55	96.31	23.19	
3030	70.54	20.81	96.19	25.65	
3031	70.5	83.18	96.39	25.89	
3032	67.92	31.74	96.1	28.18	
3033	75.06	46.58	96.24	21.18	
3034	74.68	51.57	96.32	21.64	
3035	69.61	19.49	96.2	26.59	
3036	70.11	42.81	96.25	26.14	
3037	68.45	23.98	96.4	27.95	
3038	70.69	7.58	96.25	25.56	
3039	72.47	40.05	96.27	23.8	
3040	74.28	27.63	96.31	22.03	
3041	69.92	84.86	96.39	26.47	
3042	56.62	19.17	96.34	39.72	
3043	62.57	5.37	96.31	33.74	
3044	59.07	52.61	96.39	37.32	
3045	58.81	21.38	96.3	37.49	
3046	59.82	26.35	96.31	36.49	
3047	70.15	30.61	96.4	26.25	
3048	70.48	46.78	96.38	25.9	
3049	58.1	10.27	96.77	38.67	
3050	67.32	44.68	96.43	29.11	
3051	55.65	9.77	96.9	41.25	
3052	54.68	19.93	96.96	42.28	
3053	54.63	52.39	97.11	42.48	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
3054	55.66	44.1	97.3	41.64	
3055	54.73	64.35	97.13	42.4	
3056	55.76	63.43	97.59	41.83	
3057	65.94	19.16	97.33	31.39	
3058	64.05	24.99	97.31	33.26	
3059	72.89	16.88	97.42	24.53	
3060	71.77	16.54	97.52	25.75	
3061	72.89	6.83	97.39	24.5	
3062	73.55	28.22	97.16	23.61	
3063	75.27	0	97.04	21.77	
3064	75.27	2.75	97	21.73	
3065	71.94	17.25	96.93	24.99	
3066	70.16	10.5	97.17	27.01	
3067	67.28	34.26	97.2	29.92	
3068	66.22	30.2	97.33	31.11	
3069	66.05	69.99	97.26	31.21	
3070	64.31	79.03	97.2	32.89	
3071	55.13	39.79	96.96	41.83	
3072	63.73	51.14	97.11	33.38	
3073	62.77	123.23	96.96	34.19	
3074	56.85	32.77	96.9	40.05	
3075	56.61	19.85	96.9	40.29	
3076	58.1	45.81	96.75	38.65	
3077	62.69	53.93	96.57	33.88	
3078	67.43	31.8	96.6	29.17	
3079	59.07	117.89	96.8	37.73	
3080	67.16	67.45	96.69	29.53	
3081	72.53	80.28	96.99	24.46	
3082	68.18	125.95	96.9	28.72	
3083	74.85	44.51	96.91	22.06	
3084	66.3	67.68	96.42	30.12	
3085	68.66	17.13	96.43	27.77	
3086	74.63	27.29	96.67	22.04	
3087	68.13	62.79	96.68	28.55	
3088	69.51	32.37	96.83	27.32	
3089	70.85	99.1	96.67	25.82	
3090	72.07	40.2	96.84	24.77	
3091	69.82	37.33	96.82	27	
3092	70.85	40.25	96.67	25.82	
3093	73.17	50.08	96.6	23.43	
3094	69.82	30	96.8	26.98	
3095	72.16	52.93	96.84	24.68	
3096	75.92	26.22	96.89	20.97	
3097	75.92	5.69	96.87	20.95	
3098	71.74	53.23	96.79	25.05	
3099	72.74	57.07	96.79	24.05	
3100	67.84	29.64	96.58	28.74	
3101	71.66	42.24	96.88	25.22	
3102	68.68	74.78	96.88	28.2	
3103	69.19	65.32	96.88	27.69	
3104	65.22	67.72	96.88	31.66	
3105	62.52	45.2	96.56	34.04	
3106	60.94	102.67	96.5	35.56	
3107	60.94	504.37	96.37	35.43	
3108	64.91	0	96.96	32.05	
3109	64.91	22.73	96.94	32.03	
3110	63.65	41.89	96.53	32.88	
3111	64.37	0	96.88	32.51	
3112	62.32	23.32	96.54	34.22	
3113	62.32	17.84	95.82	33.5	
3114	61.41	28.95	95.82	34.41	
3115	60.43	8.88	95.82	35.39	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
3116	60.43	19.17	96.24	35.81	
3117	79.93	120.09	144.59	64.66	
3118	83.5	227.1	144.57	61.07	
3119	89.28	779.61	144.16	54.88	
3121	75.77	9.88	144.57	68.8	
3122	76.22	95.27	144.26	68.04	
3123	75.77	25.5	144.58	68.81	
3124	74.31	9.61	144.33	70.02	
3125	77.65	89.83	144.32	66.67	
3126	73.2	784.1	144.15	70.95	
3127	82.06	9.59	144.15	62.09	
3128	86.67	4.73	144.15	57.48	
3129	85.22	34.45	144.16	58.94	
3130	86.94	3.99	144.14	57.2	
3131	80.58	0.32	144.14	63.56	
3132	76.4	23.63	143.99	67.59	
3133	85.82	91.81	141.21	55.39	
3134	72.4	8.2	144.14	71.74	
3135	73.2	49	144.14	70.94	
3136	68.81	1.27	144.12	75.31	
3137	68.07	0.32	144.12	76.05	
3138	69.2	7.8	144.1	74.9	
3139	81.38	60.07	142.94	61.56	
3140	77.56	5.13	115.99	38.43	
3141	77.56	1.22	143.76	66.2	
3142	77.56	0	154.96	77.4	
3143	85.61	70.24	143.57	57.96	
3144	73.72	22.57	142.59	68.87	
3145	72.46	9.56	140.96	68.5	
3146	74.59	105.54	141.87	67.28	
3147	69.06	77.59	140.5	71.44	
3148	73.47	31.22	140.96	67.49	
3149	72.72	33.36	140.85	68.13	
3150	69.47	41.53	140.08	70.61	
3151	73.54	25.4	139.93	66.39	
3152	65.08	31.61	96.49	31.41	
3153	65.42	37.39	96.97	31.55	
3154	65.08	3.92	96.54	31.46	
3155	65.08	22.5	96.47	31.39	
3156	65.08	16.54	96.97	31.89	
3157	66.56	106.81	96.05	29.49	
3158	68.03	129.28	96.01	27.98	
3159	71.89	140.57	95.69	23.8	
3160	79.37	78.02	95.71	16.34	
3161	78.42	53.63	95.7	17.28	
3162	78.37	84.03	95.71	17.34	
3163	73.21	63.8	95.78	22.57	
3164	70.18	111.21	95.82	25.64	
3165	64.91	17.42	96.43	31.52	
3166	64.91	96.28	96.39	31.48	
3167	65.06	67.78	95.84	30.78	
3168	65.55	44.1	96.28	30.73	
3169	63.55	136.99	96.06	32.51	
3170	62.87	81.66	95.82	32.95	
3171	60.27	32.02	95.82	35.55	
3172	59.11	7.85	95.79	36.68	
3173	59.11	0	96.01	36.9	
3174	59.11	42.41	95.85	36.74	
3175	61.69	55.59	95.79	34.1	
3176	60.8	24.45	95.96	35.16	
3177	63.78	55.88	95.79	32.01	
3178	65.92	50.34	95.82	29.9	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
3179	66.66	0	165.25	98.59	
3180	66.66	0	96.12	29.46	
3181	66.66	0	96.1	29.44	
3182	66.12	20.4	95.82	29.7	
3183	64.91	8.85	95.81	30.9	
3184	63.17	0	95.91	32.74	
3185	63.84	40.3	95.84	32	
3186	66.73	21.82	95.82	29.09	
3187	70.18	30.91	95.82	25.64	
3188	68.6	40.37	95.8	27.2	
3189	71.68	86.42	95.79	24.11	
3190	78.42	46.11	95.78	17.36	
3191	77.4	29.62	115.99	38.59	
3192	69.46	62.29	115.99	46.53	
3193	70.45	19.66	181.33	110.88	
3194	80.18	8.72	110.23	30.05	
3195	83.63	0	181.32	97.69	
3196	88.67	33.84	110.39	21.72	
3197	81.15	34.76	110.36	29.21	
3199	69.18	70.76	110.69	41.51	
3200	88.67	122.84	110.34	21.67	
3201	79.55	44.79	110.23	30.68	
3202	79.23	80.66	110.24	31.01	
3203	83.63	0	116	32.37	
3204	71.6	148	115.99	44.39	
3205	59.11	79.8	95.85	36.74	
3206	57.84	35.82	95.67	37.83	
3207	57.12	8.01	95.61	38.49	
3208	56.5	66.84	95.52	39.02	
3209	57.44	26.98	95.41	37.97	
3210	58.25	0	95.4	37.15	
3211	58.19	43.28	95.34	37.15	
3212	59.71	10.14	95.34	35.63	
3213	58.22	3.14	95.36	37.14	
3214	57.2	21.02	95.25	38.05	
3215	57.25	20.94	95.41	38.16	
3216	56.86	28.59	95.45	38.59	
3217	57.05	28.68	95.5	38.45	
3218	57.34	22.9	95.42	38.08	
3219	57.53	242.51	95.02	37.49	
3220	62.42	61.06	95.58	33.16	
3221	58.82	79.12	95.54	36.72	
3222	57.91	32.63	95.58	37.67	
3223	56.91	44.36	95.53	38.62	
3224	60.63	59.52	95.58	34.95	
3225	59.1	26.19	95.56	36.46	
3226	58.9	20.35	95.53	36.63	
3227	58.1	26.55	95.52	37.42	
3228	59.43	20.75	95.53	36.1	
3229	65.36	31.61	95.58	30.22	
3230	65.8	28.73	95.61	29.81	
3231	64.12	36.91	95.57	31.45	
3232	62.86	4.59	95.59	32.73	
3233	65.73	3.21	202.11	136.38	
3234	65.73	3.45	95.6	29.87	
3235	65.73	7.23	95.6	29.87	
3236	65.73	9.7	202.11	136.38	
3237	66.69	5.06	95.6	28.91	
3238	66.69	23.47	95.6	28.91	
3239	65.8	7.91	95.61	29.81	
3240	61.51	44.61	95.66	34.15	
3241	63.75	27.2	95.66	31.91	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
3242	77.48	4.49	95.61	18.13	
3243	66.66	7.2	95.61	28.95	
3244	65.78	8.66	95.62	29.84	
3245	65.85	66.7	95.64	29.79	
3246	61.69	21.15	95.69	34	
3247	61.06	19.78	95.69	34.63	
3248	63.36	20.61	95.73	32.37	
3249	63.64	9.79	95.68	32.04	
3250	69.48	27.52	95.68	26.2	
3251	69.62	34.67	95.66	26.04	
3252	65.85	9.85	95.65	29.8	
3253	68.61	10.14	95.64	27.03	
3254	67.83	24.05	95.63	27.8	
3255	70.92	37.71	95.65	24.73	
3256	70.91	34	95.74	24.83	
3257	69.46	18.76	181.56	112.1	
3258	67.91	5.32	95.79	27.88	
3259	65.19	10.18	95.79	30.6	
3260	69.67	37.44	95.69	26.02	
3261	67.61	35.39	95.76	28.15	
3262	63.84	41.8	95.85	32.01	
3263	65.19	32.77	95.9	30.71	
3264	65.47	64.42	95.77	30.3	
3265	63.17	0	95.9	32.73	
3266	60.8	48.82	95.91	35.11	
3267	60.64	54.58	95.83	35.19	
3268	69.48	20.26	95.72	26.24	
3269	69.21	20.87	95.7	26.49	
3270	56.49	508.45	95.92	39.43	
3271	58.62	81.61	95.63	37.01	
3272	57.9	0	95.92	38.02	
3273	68.5	35.57	95.64	27.14	
3274	60.92	59.65	95.78	34.86	
3275	64.91	51.74	95.59	30.68	
3276	71.93	55.54	95.72	23.79	
3277	56.59	21.49	95.63	39.04	
3278	55.39	52.9	95.57	40.18	
3279	54.64	24.09	95.56	40.92	
3280	54.29	41.89	95.55	41.26	
3281	55.23	42.22	95.47	40.24	
3282	56.79	149.69	95.63	38.84	
3283	55.05	21.38	95.55	40.5	
3284	54.57	21.75	95.54	40.97	
3285	55.25	45.12	95.53	40.28	
3286	53.42	10.1	95.44	42.02	
3287	55.1	9.01	95.39	40.29	
3288	57.06	8.06	95.35	38.29	
3289	58.62	0	95.76	37.14	
3290	57.12	22.97	95.61	38.49	
3291	56.29	29.01	95.55	39.26	
3292	56.62	41.08	95.52	38.9	
3293	56.46	0	95.45	38.99	
3294	55.92	7.3	95.48	39.56	
3295	58.1	22.8	95.48	37.38	
3296	54.78	49.24	95.48	40.7	
3297	55.22	19.74	95.38	40.16	
3298	55.22	25.08	95.51	40.29	
3299	56.12	19.77	95.53	39.41	
3300	54.91	9.41	95.53	40.62	
3301	55.88	20.92	95.52	39.64	
3302	54.92	16.98	95.53	40.61	
3303	55.64	42.95	95.52	39.88	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
3304	56.63	24.78	95.6	38.97	
3305	70.57	0	95	24.43	
3306	67.89	20.5	95.27	27.38	
3307	63.94	0	95.28	31.34	
3308	66.4	73.71	95.28	28.88	
3309	72.12	9.11	95.28	23.16	
3310	65.74	1.31	95.28	29.54	
3311	63.14	22.09	94.74	31.6	
3312	63.11	17.75	94.74	31.63	
3313	64.55	18.2	94.74	30.19	
3314	64.55	0	94.74	30.19	
3315	64.55	0	94.74	30.19	
3316	68.55	16.51	94.22	25.67	
3317	61.25	7.06	94.23	32.98	
3318	63.11	0	94.37	31.26	
3319	63.11	4.05	94.8	31.69	
3320	64.46	4.86	94.37	29.91	
3321	71.48	0	94.79	23.31	
3322	71.11	6.08	94.62	23.51	
3323	71.11	0	94.62	23.51	
3324	70.94	19.3	95.56	24.62	
3325	75.2	5.9	95	19.8	
3326	80.4	260.06	94.09	13.69	
3327	87.56	20.63	94.09	6.53	
3328	62.54	58.55	92.43	29.89	
3329	59.07	41.57	93.47	34.4	
3330	58.06	56.97	93.36	35.3	
3331	59.13	39.37	93.25	34.12	
3332	62.25	58.74	92.48	30.23	
3333	67.11	50.44	92.39	25.28	
3334	69.36	59.78	92.32	22.96	
3335	68.9	21.92	92.3	23.4	
3336	64.28	8.94	92.29	28.01	
3337	71.65	32.28	92.28	20.63	
3338	75.39	23.58	94.29	18.9	
3339	59.83	9.13	94.58	34.75	
3340	58.17	19.34	94.5	36.33	
3341	58.94	24.53	94.49	35.55	
3342	59.51	18.25	94.45	34.94	
3343	60.2	10.37	94.44	34.24	
3344	63.07	10.05	94.42	31.35	
3345	67.31	8.63	94.4	27.09	
3346	73.34	38.51	94.37	21.03	
3347	68.95	9.56	94.36	25.41	
3348	69.85	26.04	94.36	24.51	
3349	60.8	38.39	94.31	33.51	
3350	63.36	7.48	94.31	30.95	
3351	63.58	16.61	94.3	30.72	
3352	75.74	7.75	94.3	18.56	
3353	74.47	38.67	94.31	19.84	
3354	60.87	16.66	94.32	33.45	
3355	65.23	24.31	94.31	29.08	
3356	59.1	47.92	94.45	35.35	
3357	64.39	43.39	94.42	30.03	
3358	73.09	70.96	94.41	21.32	
3359	63.86	0	94.48	30.62	
3360	59.73	27.5	94.48	34.75	
3361	62.08	39.11	94.44	32.36	
3362	65.8	48.53	94.42	28.62	
3363	56.34	67.96	94.47	38.13	
3364	58.68	50.83	94.44	35.76	
3365	59.93	30.74	94.48	34.55	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
3366	59.26	40.96	94.45	35.19	
3367	60.42	28.2	94.44	34.02	
3368	65.63	78.68	94.44	28.81	
3369	59.92	31.03	94.44	34.52	
3370	64.1	140.4	94.42	30.32	
3371	78.19	40.55	94.37	16.18	
3372	73.54	44.65	94.36	20.82	
3373	62.6	64.78	94.32	31.72	
3374	60.89	29.62	94.35	33.46	
3375	60.87	19.84	94.37	33.5	
3376	62.64	40.26	94.35	31.71	
3377	67.85	49.76	94.37	26.52	
3378	69.9	40.98	94.41	24.51	
3379	69.53	19.38	94.41	24.88	
3380	73.09	3.34	94.41	21.32	
3381	73.23	8.14	95.69	22.46	
3382	74.9	44.29	95.82	20.92	
3383	69.1	34.59	95.49	26.39	
3384	68.82	55.77	95.45	26.63	
3385	73.39	8.9	95.6	22.21	
3386	78.42	31.82	95.69	17.27	
3387	70.64	21.45	95.34	24.7	
3388	74.47	26.5	95.33	20.86	
3389	77.2	42.63	95.83	18.63	
3390	74.66	17.25	96.07	21.41	
3391	72.05	1.22	96.04	23.99	
3392	71.35	3.45	96.06	24.71	
3393	72.43	10.54	96.1	23.67	
3394	72.05	0	93.98	21.93	
3395	72.43	0	96.1	23.67	
3396	76.34	37.9	96.06	19.72	
3397	79.94	0	94.06	14.12	
3398	71.21	55.82	96.05	24.84	
3399	74.66	25.71	96.05	21.39	
3400	83.54	9.96	96.05	12.51	
3401	81.17	9.77	95.69	14.52	
3402	74.3	20.32	95.69	21.39	
3403	76.85	0	116.64	39.79	
3404	72.09	24.17	116.63	44.54	
3405	96.12	8.23	116.63	20.51	
3407	66.61	0.65	117.18	50.57	
3408	67.73	45.32	117.03	49.3	
3409	66.61	0	117.18	50.57	
3410	81.1	3.33	116.89	35.79	
3411	66.91	27.46	116.88	49.97	
3412	67.37	0	116.88	49.51	
3413	66.73	18.61	116.89	50.16	
3414	65.85	20	116.89	51.04	
3415	66.62	90.7	116.88	50.26	
3416	67.8	0	116.89	49.09	
3417	70.88	38.53	116.89	46.01	
3418	67.3	56.99	116.85	49.55	
3419	67.32	35.44	116.88	49.56	
3420	67.27	983.48	116.84	49.57	
3421	70.47	578.13	116.96	46.49	
3422	68.69	8.7	117	48.31	
3423	76.62	39.36	116.44	39.82	
3424	73.11	61.2	116.37	43.26	
3425	84.5	984.77	116.74	32.24	
3426	80.7	55.33	116.91	36.21	
3427	77.79	35.7	116.41	38.62	
3428	77.5	26.05	116.94	39.44	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
3429	72.59	1.01	116.93	44.34	
3430	82.1	8.64	116.92	34.82	
3431	78.2	9.55	116.91	38.71	
3432	77.1	6.55	116.93	39.83	
3433	76.92	4.37	116.64	39.72	
3434	78.28	18.91	114.8	36.52	
3435	81.5	10.21	116.9	35.4	
3436	80.4	5.22	116.91	36.51	
3437	82.35	43.7	111.15	28.8	
3438	84.25	17.56	116.8	32.55	
3439	78.92	17.76	111.16	32.24	
3440	88.24	17.28	110.61	22.37	
3441	75.62	24.38	114.81	39.19	
3442	75.51	25.31	111.16	35.65	
3443	67.81	22.36	110.68	42.87	
3444	69.23	136.11	110.68	41.45	
3445	70.73	351.2	110.62	39.89	
3446	72.25	9.62	110.71	38.46	
3447	70.73	40.71	110.7	39.97	
3448	70.21	50.33	110.7	40.49	
3449	62.44	23.26	93.96	31.52	
3450	65.79	0	94.05	28.26	
3451	67.73	35.95	116.89	49.16	
3452	66.16	40.41	93.75	27.59	
3453	66.22	34.77	93.85	27.63	
3454	66.27	0	93.87	27.6	
3455	66.22	0	93.85	27.63	
3456	66.13	0	93.84	27.71	
3457	66.22	0	93.85	27.63	
3458	66.15	5.46	93.83	27.68	
3459	62.83	173.8	93.21	30.38	
3460	66.16	20.61	93.81	27.65	
3461	67.85	25.58	93.31	25.46	
3462	68.42	0.32	92.4	23.98	
3463	72.1	0	92.23	20.13	
3464	67.87	106.55	92.42	24.55	
3465	67.53	55.93	92.94	25.41	
3466	67.72	8.47	93.02	25.3	
3467	67.85	4.82	93.29	25.44	
3468	67.85	0	93.3	25.45	
3469	63.48	968.48	92.98	29.5	
3470	69.47	1356.82	92.37	22.9	
3471	71.1	31.29	92.22	21.12	
3472	72.1	248.51	92.21	20.11	
3473	69.71	38.89	92.37	22.66	
3474	67.32	24.16	92.37	25.05	
3475	67.16	30.14	92.37	25.21	
3476	67.26	8.8	92.37	25.11	
3477	67.27	8.3	92.37	25.1	
3478	67.29	18.08	92.37	25.08	
3479	67.41	27.06	92.37	24.96	
3480	67.82	0.59	92.37	24.55	
3481	67.07	30.35	92.37	25.3	
3482	70.3	21	92.39	22.09	
3483	67.07	35.12	92.37	25.3	
3484	67.86	110.08	92.37	24.51	
3485	66.62	34.77	92.37	25.75	
3486	66.67	35.38	92.37	25.7	
3487	66.77	30.14	92.36	25.59	
3488	66.36	18.51	92.37	26.01	
3489	66.63	0	116.89	50.26	
3490	67.27	0	116.89	49.62	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
3491	63.74	43.01	93.26	29.52	
3492	67.37	0	93.27	25.9	
3493	63.74	1.67	93.27	29.53	
3494	66.36	30.9	92.58	26.22	
3495	67.37	35.74	116.88	49.51	
3496	67.27	0	116.89	49.62	
3497	66.67	26.08	92.42	25.75	
3498	67.8	17.89	92.41	24.61	
3499	67.47	34.55	92.4	24.93	
3500	67.37	46.24	92.46	25.09	
3501	76.6	29.33	108.22	31.62	
3502	73.2	0	108.23	35.03	
3503	73.2	0	108.23	35.03	
3504	73.2	0	92.23	19.03	
3505	73.6	0	92.4	18.8	
3506	73.8	0	92.23	18.43	
3507	73	924.08	108.23	35.23	
3508	81.4	35.12	92.22	10.82	
3509	86.5	33.56	108.21	21.71	
3511	87.7	29.38	109.77	22.07	
3512	264.63	9.92	289.86	25.23	
3514	260.84	71.75	289.86	29.02	
3515	191.45	144.31	295.37	103.92	
3516	175.46	54.6	289.23	113.77	
3517	175.73	7.43	289.46	113.73	
3518	177.14	0	289.46	112.32	
3519	166.89	1.22	289.43	122.54	
3520	169.43	0	289.44	120.01	
3521	169.55	2.92	289.44	119.89	
3522	168.29	0	289.44	121.15	
3523	167.29	1.23	289.44	122.15	
3524	195.1	5.29	289.42	94.32	
3525	164.48	0.32	289.42	124.94	
3526	163.4	2.9	289.41	126.01	
3527	190.6	19.91	289.36	98.76	
3528	178.14	4.56	289.41	111.27	
3529	161.9	29.04	221.22	59.32	
3530	112.3	21.78	223.52	111.22	
3531	111.1	40.23	223.26	112.16	
3532	113.3	27.08	223.33	110.03	
3533	91.7	56.59	128.09	36.39	
3534	116.27	27.89	129.01	12.74	
3535	93.86	8.4	128.96	35.1	
3536	79.13	0	130.05	50.92	
3537	79.13	0	92.86	13.73	
3538	78.5	26.55	129.75	51.25	
3539	81.72	0	129.77	48.05	
3540	81.72	347.14	129.76	48.04	
3541	83.48	5.98	129.39	45.91	
3542	83.5	1.46	129.07	45.57	
3543	84.49	1.05	129.41	44.92	
3544	84.32	0	109.62	25.3	
3545	84.12	0	109.62	25.5	
3546	81.73	6.02	129.3	47.57	
3547	82.12	1.44	129.28	47.16	
3548	86.18	0.32	129.32	43.14	
3549	84.21	18.8	129.32	45.11	
3550	85.46	1.11	129.26	43.8	
3551	85.19	17.28	129.3	44.11	
3552	82.18	1.4	129.26	47.08	
3553	82.25	1.35	129.23	46.98	
3554	82.44	4.32	129.2	46.76	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
3555	82.4	26.97	129.17	46.77	
3556	85.93	7.61	129.23	43.3	
3557	86.72	8.94	129.2	42.48	
3558	87.55	0.01	129.16	41.61	
3559	87.5	1.89	129.11	41.61	
3560	87.58	0	129.16	41.58	
3561	87.3	5.64	129.16	41.86	
3562	83.4	7.61	129.15	45.75	
3563	83.1	1.27	129.15	46.05	
3564	83.8	20.1	129.13	45.33	
3565	83.8	28	129.12	45.32	
3566	83.6	4.67	129.14	45.54	
3567	83.5	1.77	129.15	45.65	
3568	87.5	8.7	129	41.5	
3569	83.6	0.35	129.14	45.54	
3570	83.4	0.82	129.08	45.68	
3571	87.7	0	129.06	41.36	
3572	87.4	24.17	129.08	41.68	
3573	86.6	0.32	129.08	42.48	
3574	82.2	4.99	129.1	46.9	
3575	82.6	1.69	129.09	46.49	
3576	82.9	0.32	129.08	46.18	
3577	84.9	9.26	129.06	44.16	
3578	83.8	0.32	129.06	45.26	
3579	83.2	0.65	129.07	45.87	
3580	84.1	1.59	129.07	44.97	
3581	84.4	0.99	129.06	44.66	
3582	84.2	5.08	129.06	44.86	
3583	83.1	0.36	129.08	45.98	
3584	82.9	1.8	129.08	46.18	
3585	83.8	3.63	129.07	45.27	
3586	85.1	0.32	129.05	43.95	
3587	87.7	1424.8	129.05	41.35	
3588	84.3	0.72	129.07	44.77	
3589	84.7	0.19	129.06	44.36	
3590	85.9	0.57	129.07	43.17	
3591	88.1	2.17	129.03	40.93	
3592	86.6	16.98	129.06	42.46	
3593	90.3	2.32	129.05	38.75	
3594	90.8	0	129.62	38.82	
3595	90.8	0	128.11	37.31	
3596	90.3	0	129.05	38.75	
3597	90.8	17.75	128.12	37.32	
3598	90.3	0	129.62	39.32	
3599	90.3	0	129.05	38.75	
3600	88.8	7.78	129.05	40.25	
3601	89.1	8.61	128.93	39.83	
3602	91.8	20.03	129.06	37.26	
3603	88.5	0	129.01	40.51	
3604	90.1	0	129.01	38.91	
3605	87.5	26.81	129.06	41.56	
3606	87.5	16.95	129.06	41.56	
3607	90.7	27.21	128.95	38.25	
3608	86.7	18.58	129.04	42.34	
3609	88.6	31.22	128.98	40.38	
3610	89.1	5.53	128.97	39.87	
3611	87.79	46.32	128.98	41.19	
3612	90.1	29.99	128.98	38.88	
3613	93.95	8.7	128.96	35.01	
3614	91.07	4.82	128.97	37.9	
3615	92.58	18.08	128.97	36.39	
3616	90.44	18.12	128.97	38.53	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
3617	85.06	42.79	128.94	43.88	
3618	96.9	45.22	109.61	12.71	
3619	83.28	0	109.61	26.33	
3620	84.32	0	109.62	25.3	
3621	84.32	0	109.62	25.3	
3622	87.15	30.57	109.61	22.46	
3623	81.9	0	109.61	27.71	
3624	83.1	0	109.61	26.51	
3625	95.4	40.08	109.59	14.19	
3626	78.88	0	109.61	30.73	
3627	77.23	26.97	109.62	32.39	
3628	75.64	19.49	109.76	34.12	
3629	74.61	24.51	109.76	35.15	
3630	74.5	0	179.95	105.45	
3631	77.1	0.57	109.77	32.67	
3632	77.1	23.9	109.77	32.67	
3633	75.92	20.03	109.76	33.84	
3634	75.6	19.49	109.77	34.17	
3635	73.5	0	93.29	19.79	
3636	75.1	0	180.21	105.11	
3637	74.3	0	93.26	18.96	
3638	74.7	0	109.78	35.08	
3639	74.7	0	93.26	18.56	
3640	74.3	0	93.26	18.96	
3641	74.63	52.13	108.74	34.11	
3642	77.43	3.4	109.59	32.16	
3643	77.24	35.67	109.07	31.83	
3644	82.7	23.98	108.86	26.16	
3645	79.34	28.58	109.59	30.25	
3646	78.89	33.06	108.85	29.96	
3647	79.87	36.29	108.92	29.05	
3648	78.41	45.56	109	30.59	
3649	96.37	39.57	108.75	12.38	
3650	90.8	49.06	108.76	17.96	
3651	80.51	37.59	108.78	28.27	
3652	82.86	0.18	108.86	26	
3653	78.51	0	108.87	30.36	
3654	78.51	0	108.87	30.36	
3655	101.52	2.57	193.36	91.84	
3656	97.89	6.63	193.36	95.47	
3657	106.11	0.33	193.37	87.26	
3658	93.69	0.33	193.36	99.67	
3659	92.72	0	193.36	100.64	
3660	95.23	6.2	193.38	98.15	
3661	119.89	0	193.43	73.54	
3662	84.44	2.18	200.56	116.12	
3663	76.44	1.3	200.56	124.12	
3664	82.8	0.83	200.56	117.76	
3665	77.67	0	94.21	16.54	
3666	77.67	0	94.21	16.54	
3667	79.56	0	200.56	121	
3668	72.16	0	94.28	22.12	
3669	80	0	94.28	14.28	
3670	74.82	21.26	119.84	45.02	
3671	84.71	196.35	119.94	35.23	
3672	73.89	28.44	119.84	45.95	
3673	76.24	4.21	119.84	43.6	
3674	76.45	0	123.22	46.77	
3675	73.76	23.03	183.69	109.93	
3676	79.48	21.85	123.22	43.74	
3677	76.45	35.55	183.69	107.24	
3678	76.45	0	183.74	107.29	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
3679	76.45	0	183.74	107.29	
3680	75.73	26.5	183.71	107.98	
3681	71.76	0	183.7	111.94	
3682	86.2	1537.26	118.55	32.35	
3683	75.36	17.34	183.7	108.34	
3684	73.32	39.18	183.7	110.38	
3685	75.41	9.87	183.7	108.29	
3686	75.41	0	183.64	108.23	
3687	75.32	1399.27	121.21	45.89	
3688	97.32	55.53	123.72	26.4	
3689	90.53	29.16	126.68	36.15	
3690	86.85	195.87	126.68	39.83	
3691	93.39	94.23	126.68	33.29	
3692	81.57	58.54	126.68	45.11	
3693	75.35	23.72	126.68	51.33	
3694	71.79	37.9	126.67	54.88	
3695	71.79	3.5	126.67	54.88	
3696	74.35	78.16	126.73	52.38	
3697	73.18	0	93.87	20.69	
3698	72.68	0	95.56	22.88	
3699	72.68	0	95.56	22.88	
3700	72.68	0	93.84	21.16	
3701	74.92	36.73	126.69	51.77	
3702	74.35	28.98	126.73	52.38	
3703	74.35	17.25	126.73	52.38	
3704	72.68	0	95.56	22.88	
3705	85.32	63.26	126.78	41.46	
3706	82.66	40.56	126.73	44.07	
3707	86.65	76.53	126.77	40.12	
3708	93.51	1067.83	126.06	32.55	
3709	92.42	45.47	126.71	34.29	
3710	87.64	47.98	126.8	39.16	
3711	93.65	58.32	126.81	33.16	
3712	92.49	44.32	126.8	34.31	
3713	83.31	40.02	126.38	43.07	
3714	83.27	24.02	126.35	43.08	
3715	90.34	21.85	126.38	36.04	
3716	83.27	27.92	126.37	43.1	
3717	89.55	36.82	126.45	36.9	
3718	90.2	34.72	126.92	36.72	
3719	88.31	30.24	126.84	38.53	
3720	91.83	42.1	126.7	34.87	
3721	91.21	38.92	126.91	35.7	
3722	81.36	29.78	126.69	45.33	
3723	83.53	29.19	126.69	43.16	
3724	84.49	26.76	126.74	42.25	
3725	87.17	54.95	126.62	39.45	
3726	92.1	38.67	126.69	34.59	
3727	85.35	41.02	126.74	41.39	
3728	89.87	48.05	126.7	36.83	
3729	92.1	38.35	126.7	34.6	
3730	86.59	24.41	126.74	40.15	
3731	88.21	52.5	126.87	38.66	
3732	89.28	59.39	127.24	37.96	
3733	89.7	55.6	126.99	37.29	
3734	89.28	42.68	126.58	37.3	
3735	90.42	10.35	126.96	36.54	
3736	89.28	29.63	127.2	37.92	
3737	89.23	46.79	126.79	37.56	
3738	89.23	32.27	127.02	37.79	
3739	90.4	3	127.01	36.61	
3740	90.59	33.72	127.05	36.46	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
3741	90.74	37.37	127.08	36.34	
3742	90.37	48.96	127.04	36.67	
3743	89.23	45.41	127.33	38.1	
3744	90.93	8.21	127.07	36.14	
3745	91.19	20.18	127.22	36.03	
3746	89.68	7.28	127.44	37.76	
3747	89.68	6.44	127.44	37.76	
3748	89.21	33.17	125.79	36.58	
3749	89.27	70.81	124.74	35.47	
3750	89.27	3.84	123.72	34.45	
3751	95.68	53.48	123.11	27.43	
3752	97.32	0.32	123.72	26.4	
3753	97.57	70.1	123.11	25.54	
3754	91.94	55.39	126.09	34.15	
3755	91.94	158.6	126.45	34.51	
3756	91.94	6	126.3	34.36	
3757	94.62	18.91	126.78	32.16	
3758	96.9	24.33	127.1	30.2	
3759	89.68	8.37	127.27	37.59	
3760	98.53	3.45	127.15	28.62	
3761	87.91	4.61	126.68	38.77	
3762	90.16	51.77	126.7	36.54	
3763	89.35	31.19	126.74	37.39	
3764	89.92	40.64	126.76	36.84	
3765	91.65	119.82	126.74	35.09	
3766	88.16	51.01	126.69	38.53	
3767	90.63	100.32	126.71	36.08	
3768	88.63	82.7	126.72	38.09	
3769	88.86	66.26	126.83	37.97	
3770	90.66	78.3	126.77	36.11	
3771	89.67	127.06	126.73	37.06	
3772	91.65	31.06	126.75	35.1	
3773	90.18	33.18	126.89	36.71	
3774	90.87	77.95	126.85	35.98	
3775	103.05	397.46	176.94	73.89	
3776	98.44	26.9	127.64	29.2	
3777	92.42	42.08	126.91	34.49	
3778	94.53	1450.84	127.62	33.09	
3779	90.65	9.37	126.95	36.3	
3780	90.93	35.63	127.16	36.23	
3781	94.59	22.61	127.2	32.61	
3782	91.62	46.81	127.21	35.59	
3783	98.67	22.7	127.15	28.48	
3784	93.91	24.47	127.4	33.49	
3785	91.32	30.85	127.41	36.09	
3786	93.47	37.99	127.81	34.34	
3787	106.23	32.92	129.36	23.13	
3788	96.1	29.16	127.69	31.59	
3789	107.41	53.32	127.66	20.25	
3790	101.45	21.12	127.91	26.46	
3792	93.06	19.99	127.62	34.56	
3793	97.61	18.28	127.67	30.06	
3794	97.76	9.98	128.17	30.41	
3795	98.46	24.49	127.77	29.31	
3796	100.47	4.09	127.88	27.41	
3797	98.69	9.11	127.96	29.27	
3798	100.47	0	156.79	56.32	
3799	100.47	4.91	127.88	27.41	
3800	98.23	50.63	128.62	30.39	
3801	113.15	26.98	178.48	65.33	
3802	111.4	10.18	178.49	67.09	
3803	122.63	38.6	178.44	55.81	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
3804	114.36	26.51	178.53	64.17	
3805	118.08	30.23	178.48	60.4	
3806	49.14	92.07	97.28	48.14	
3807	50.76	1249.29	97.14	46.38	
3808	33.51	42.86	91.64	58.13	
3809	34.08	30.05	91.94	57.86	
3810	35.07	36.06	91.7	56.63	
3811	38.68	21.68	92.01	53.33	
3812	40.4	43.64	91.58	51.18	
3813	39.83	1893.79	91.34	51.51	
3814	37.02	847.87	91.62	54.6	
3815	39.2	34.97	91.62	52.42	
3816	35.31	33.09	91.69	56.38	
3817	35.07	32.97	91.71	56.64	
3818	33.16	29.91	91.64	58.48	
3819	34.49	26.48	91.74	57.25	
3820	33.71	31.44	91.81	58.1	
3821	33.45	51.32	91.71	58.26	
3822	33.34	27.47	91.67	58.33	
3823	33.97	19.19	91.7	57.73	
3824	33.42	51.02	91.66	58.24	
3825	31.48	34.01	91.64	60.16	
3826	31.73	36.04	91.65	59.92	
3827	32.97	28.26	91.65	58.68	
3828	34.78	28.77	91.64	56.86	
3829	35.31	36.41	91.7	56.39	
3830	31.94	24.53	91.63	59.69	
3831	31.25	33.39	91.63	60.38	
3832	32.2	49.96	91.63	59.43	
3833	33.01	35.16	91.66	58.65	
3834	33.24	27.45	91.64	58.4	
3835	33.27	35.53	91.62	58.35	
3836	33.33	36.71	91.63	58.3	
3837	31.58	35.11	91.62	60.04	
3838	33.36	52.33	91.61	58.25	
3839	30.94	33.62	91.63	60.69	
3840	33.45	81.1	91.6	58.15	
3841	30.94	28.58	91.62	60.68	
3842	33.45	27.34	91.6	58.15	
3843	32.83	47.84	91.68	58.85	
3844	32.62	33.09	91.68	59.06	
3845	31.73	23.38	91.67	59.94	
3846	31.22	61.28	91.64	60.42	
3847	32.5	34.66	91.6	59.1	
3848	31.3	37.03	91.67	60.37	
3849	32.49	31.42	91.7	59.21	
3850	31.07	41.74	91.6	60.53	
3851	31.09	25.61	91.62	60.53	
3852	30.91	24.1	91.6	60.69	
3853	31.85	39.37	91.6	59.75	
3854	34.82	847.61	92.25	57.43	
3855	31.6	52.07	91.64	60.04	
3856	30.98	1.58	91.6	60.62	
3857	31.13	24.53	91.6	60.47	
3858	30.97	33.18	91.6	60.63	
3859	31.06	58.55	91.61	60.55	
3860	31.18	24.17	91.61	60.43	
3861	31.22	29.5	91.61	60.39	
3862	31.6	31.14	92.08	60.48	
3863	31.27	25.33	91.72	60.45	
3864	31.42	27.38	91.62	60.2	
3865	31.25	30.68	91.61	60.36	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
3866	31.01	0	91.64	60.63	
3867	31.01	40.72	91.62	60.61	
3868	31.25	35.16	91.67	60.42	
3869	31.13	70.8	92.03	60.9	
3870	32.29	17.94	91.81	59.52	
3871	30.88	30.27	91.94	61.06	
3872	31.58	27.2	91.74	60.16	
3873	32.95	29.91	91.71	58.76	
3874	31.87	30.63	91.74	59.87	
3875	31.12	33.24	91.8	60.68	
3876	31.31	29.7	91.81	60.5	
3877	31.39	631.32	91.87	60.48	
3878	32.91	2174.55	91.75	58.84	
3879	32.26	40.58	91.74	59.48	
3880	33.45	49.33	91.71	58.26	
3881	33.82	30.3	91.71	57.89	
3882	34.78	498.02	91.7	56.92	
3883	32.43	31.32	91.74	59.31	
3884	38.3	1300.11	91.59	53.29	
3885	28.56	349.46	93.07	64.51	
3886	28.13	8.34	93.06	64.93	
3887	34.4	79.45	93.09	58.69	
3888	28.29	5.55	92.6	64.31	
3889	27.71	1.81	93.12	65.41	
3890	28.11	1.35	93.09	64.98	
3891	27.9	26.26	93.3	65.4	
3892	32.6	575.38	93.06	60.46	
3893	31.37	10.48	93.17	61.8	
3894	30.89	71.45	93.1	62.21	
3895	28.11	77.59	93.23	65.12	
3896	30.4	25.21	93.24	62.84	
3897	30.97	30.67	93.37	62.4	
3898	28.19	10.19	93.48	65.29	
3899	30.33	4.37	93.33	63	
3900	29.8	11.04	93.54	63.74	
3901	31.08	3.85	93.72	62.64	
3902	30.95	70.48	93.61	62.66	
3903	30.56	19.5	94.29	63.73	
3904	28.88	16.39	93.68	64.8	
3905	28.72	20.38	92.58	63.86	
3906	31.08	28.94	93.67	62.59	
3907	34.84	14.29	94.5	59.66	
3908	28.81	8.13	94.02	65.21	
3909	35.8	1.42	93.19	57.39	
3910	31.34	43.66	94.56	63.22	
3911	30.39	2370.16	94.85	64.46	
3912	29.31	19.43	95.18	65.87	
3913	30.64	2.32	94.75	64.11	
3914	34.7	63.51	91.26	56.56	
3915	37.7	1805.59	91.29	53.59	
3916	51.1	73.94	91.32	40.22	
3917	51.3	32.57	91.27	39.97	
3918	36	374.5	92.34	56.34	
3919	40	147.3	92.22	52.22	
3920	43.3	101.51	92.17	48.87	
3921	33.4	9.77	92.54	59.14	
3922	33.8	12.54	92.8	59	
3923	37	6.32	92.8	55.8	
3924	37.8	18.38	92.78	54.98	
3925	38.6	31.32	93.24	54.64	
3926	33.7	3.37	93.05	59.35	
3927	37	2.02	93.17	56.17	

2.1 대전광역시 격접 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
3928	43.8	0.53	94.07	50.27	
3929	30.81	6.41	95.11	64.3	
3930	31.2	58.85	97.57	66.37	
3931	30.43	55.29	95.37	64.94	
3932	31.2	32.12	94.75	63.55	
3933	30.5	36.09	94.75	64.25	
3934	30.4	4.44	94.88	64.48	
3935	30.4	5.37	94.99	64.59	
3936	29.86	10.24	97.11	67.25	
3937	30	14.36	94.9	64.9	
3938	30.22	12.47	95.28	65.06	
3939	29.15	76.05	94.54	65.39	
3940	29.5	28.65	94.41	64.91	
3941	32.4	17.59	93.77	61.37	
3942	29.6	20.98	92.49	62.89	
3943	51.6	45.24	91.25	39.65	
3944	33.8	45.52	92	58.2	
3945	30.5	1816.64	92.49	61.99	
3946	30.2	526.13	91.97	61.77	
3947	50.9	1837.15	91.25	40.35	
3948	37.5	1830.15	91.32	53.82	
3949	38.4	51.57	91.41	53.01	
3950	51.8	35.92	91.25	39.45	
3951	51.6	21.06	91.25	39.65	
3952	51.3	28.51	91.25	39.95	
3953	50.9	42.17	91.25	40.35	
3954	33.4	63.97	91.84	58.44	
3955	50.9	24.47	91.26	40.36	
3956	40.9	28.31	91.32	50.42	
3957	51.6	32.72	91.26	39.66	
3958	40.9	27.7	91.32	50.42	
3959	40.3	34.38	91.35	51.05	
3960	40.4	84	91.49	51.09	
3961	36.3	50.18	91.72	55.42	
3962	30.1	31.44	92	61.9	
3963	30.1	70.04	91.82	61.72	
3964	37.1	83.94	91.54	54.44	
3965	31.5	112.26	91.68	60.18	
3966	32.6	24.84	93.05	60.45	
3967	31.74	16.64	93.05	61.31	
3968	30.97	0.28	93.32	62.35	
3969	31.8	13.97	93.16	61.36	
3970	40.7	1118.31	92.65	51.95	
3971	54.4	569.42	87.81	33.41	
3972	48.5	58.36	87.98	39.48	
3973	53.8	38.12	87.78	33.98	
3974	41.9	13.85	87.77	45.87	
3975	36.1	3.3	87.4	51.3	
3976	51.5	1223.54	87.38	35.88	
3977	45.9	53.75	87.5	41.6	
3978	35.91	24.96	92.93	57.02	
3979	51.5	1184.82	87.29	35.79	
3980	38.1	59.52	92.54	54.44	
3981	38.1	914.56	87.33	49.23	
3982	34.5	12.43	92.92	58.42	
3983	38.5	34.24	92.92	54.42	
3984	32.78	31.43	92.92	60.14	
3985	31.55	16.59	93.07	61.52	
3986	34.51	14.5	93.02	58.51	
3987	34.16	18.61	93.01	58.85	
3988	34.24	24.55	92.99	58.75	
3989	35.17	25.05	92.92	57.75	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
3990	36.45	33.1	92.84	56.39	
3991	35.86	27.9	92.88	57.02	
3992	35.68	17.21	92.91	57.23	
3993	35.2	11.71	92.92	57.72	
3994	36.01	1.72	92.91	56.9	
3995	38.37	59.04	92.92	54.55	
3996	41.28	44.99	92.92	51.64	
3997	31.79	9.69	92.94	61.15	
3998	31.79	73.29	92.97	61.18	
3999	40.29	19.51	92.92	52.63	
4000	31.84	34.52	92.94	61.1	
4001	32.41	51.17	92.93	60.52	
4002	34.67	57.1	92.92	58.25	
4003	35.74	97.46	92.92	57.18	
4004	51.83	13.99	92.92	41.09	
4005	34.8	22.66	92.92	58.12	
4006	31.93	30.44	92.92	60.99	
4007	31.96	4.58	92.92	60.96	
4008	31.8	9.26	92.93	61.13	
4009	35.2	52	92.92	57.72	
4010	34.4	2.36	92.92	58.52	
4011	32.8	28.73	92.92	60.12	
4012	32.8	16.34	92.92	60.12	
4013	32.74	33.41	92.92	60.18	
4014	32.13	25.47	92.92	60.79	
4015	32.78	16.18	92.92	60.14	
4016	31.93	8.77	92.92	60.99	
4017	32.6	15.55	92.92	60.32	
4018	33.2	8.07	92.92	59.72	
4019	37.6	59.56	93.03	55.43	
4020	43.79	446.31	95.38	51.59	
4021	36.42	81.49	95.81	59.39	
4022	44.27	58.72	80.25	35.98	
4023	43.35	48.47	78.8	35.45	
4024	43.79	36.71	80.26	36.47	
4025	40.18	867.91	78.56	38.38	
4026	35.77	2091.32	94.47	58.7	
4027	39.5	62.3	78.26	38.76	
4028	41.44	11.69	78.23	36.79	
4029	40.49	46.3	78.23	37.74	
4030	38.52	273.08	78.19	39.67	
4031	37.62	140.14	78.43	40.81	
4032	38.5	144.15	78.24	39.74	
4033	36.87	175.69	78.63	41.76	
4034	37.09	91.81	80.26	43.17	
4035	37.09	118.83	80.26	43.17	
4036	36.42	46.75	80.19	43.77	
4037	36.25	94.41	79.73	43.48	
4038	37.09	63.66	80.23	43.14	
4039	35.51	1163.78	95.96	60.45	
4040	35.54	4.81	95.99	60.45	
4041	35.76	106.68	78.66	42.9	
4042	35.84	72.29	80.04	44.2	
4043	36.29	113.28	95.82	59.53	
4044	37.09	47.05	80.26	43.17	
4045	36.3	108.34	78.51	42.21	
4046	36.25	84.57	80.07	43.82	
4047	36.21	117.2	78.49	42.28	
4048	35.54	49.98	78.52	42.98	
4049	35.83	75.9	78.52	42.69	
4050	35.76	46.02	78.58	42.82	
4051	35.68	78.73	78.58	42.9	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
4052	35.94	75.57	78.57	42.63	
4053	35.89	121.37	78.78	42.89	
4054	77.21	0	135.8	58.59	
4055	92.27	419.92	133.57	41.3	
4056	82.21	34.98	131.92	49.71	
4057	77.21	25.17	135.08	57.87	
4058	77.21	1373.63	133.3	56.09	
4059	77.21	425.42	134.02	56.81	
4060	77.21	739.48	135.11	57.9	
4061	77.21	0	135.73	58.52	
4062	77.21	319.84	135.09	57.88	
4063	77.21	174.32	130.36	53.15	
4064	77.21	377.77	135.44	58.23	
4065	77.21	108.6	135.6	58.39	
4066	82.14	36.6	131.35	49.21	
4067	77.21	372.46	135.52	58.31	
4068	82.14	0	131.66	49.52	
4069	82.14	17.59	131.55	49.41	
4070	82.14	31.35	131.36	49.22	
4071	82.14	63.8	131.37	49.23	
4072	82.14	25.3	131.53	49.39	
4073	82.14	15.34	131.56	49.42	
4074	82.14	56.7	135.23	53.09	
4075	65.34	173.35	88.58	23.24	
4076	56.06	1021.47	89.05	32.99	
4077	56.89	81.47	88.91	32.02	
4078	55.9	58.07	88.91	33.01	
4079	66.09	95.45	88.54	22.45	
4080	56.06	91.3	88.91	32.85	
4081	67.83	35.95	88.49	20.66	
4082	65.94	131.95	88.43	22.49	
4083	61.86	123.16	88.45	26.59	
4084	56.28	31.71	88.92	32.64	
4085	65.5	57.93	88.35	22.85	
4086	60.89	32.55	88.45	27.56	
4087	56.84	42.5	88.45	31.61	
4088	56.28	24.32	88.92	32.64	
4089	58.55	28.01	88.64	30.09	
4090	61.45	24.61	88.45	27	
4091	58.55	18.25	88.55	30	
4092	61.93	59.53	88.48	26.55	
4093	60.9	51.18	88.45	27.55	
4094	57.82	34.98	88.46	30.64	
4095	58.25	62.79	88.49	30.24	
4096	61.9	18.32	88.46	26.56	
4097	61.41	132.3	88.25	26.84	
4098	61.65	40.25	88.45	26.8	
4099	60.9	68.93	88.53	27.63	
4100	61.18	26.98	88.51	27.33	
4101	57.94	43.69	88.49	30.55	
4102	57.52	201.06	88.49	30.97	
4103	61.83	55	88.23	26.4	
4104	60.58	51.16	88.24	27.66	
4105	59.26	65.68	88.35	29.09	
4106	59.94	75.94	88.25	28.31	
4107	61.91	38.84	88.24	26.33	
4108	65.59	164.71	88.25	22.66	
4109	67.58	71.51	88.45	20.87	
4110	60.84	177.47	88.18	27.34	
4111	63.67	25.8	88.33	24.66	
4112	62.2	68.53	88.3	26.1	
4113	59.92	63.03	88.3	28.38	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
4114	60.76	30.07	88.29	27.53	
4115	59.59	24.12	88.29	28.7	
4116	79.43	9.2	118.98	39.55	
4117	87.55	14.13	118.98	31.43	
4118	89.2	34.65	118.98	29.78	
4119	86.6	0	118.98	32.38	
4120	77.51	2.7	119.83	42.32	
4121	74.47	2.66	119.83	45.36	
4122	72.55	22.77	119.83	47.28	
4123	71.78	21.6	119.84	48.06	
4124	72.63	21.38	119.84	47.21	
4125	82.54	4.14	119.83	37.29	
4126	76.94	0.05	119.83	42.89	
4127	91.12	27.41	119.84	28.72	
4128	74.75	2.29	119.84	45.09	
4129	77.1	247.53	119.83	42.73	
4130	76.87	16.93	119.83	42.96	
4131	80.06	26	119.83	39.77	
4132	76.87	1.24	119.83	42.96	
4133	76.87	0	119.83	42.96	
4134	94.9	3.71	119.85	24.95	
4135	79.73	648.26	119.83	40.1	
4136	79.45	0	119.83	40.38	
4137	81.74	21.82	119.83	38.09	
4138	84.11	27.72	119.84	35.73	
4139	85.16	1.72	119.83	34.67	
4140	87.1	22.6	119.84	32.74	
4141	88.66	22.77	119.84	31.18	
4143	96.1	0	119.87	23.77	
4144	94.5	0	119.96	25.46	
4145	74.7	761.15	90.55	15.85	
4146	94.5	0	131.67	37.17	
4147	94.5	0	119.94	25.44	
4148	72.54	23.92	119.49	46.95	
4149	49.37	14.62	93.88	44.51	
4150	48.82	16.02	93.89	45.07	
4151	48.42	13.23	93.91	45.49	
4152	48.25	0	93.95	45.7	
4153	48.25	8.78	93.95	45.7	
4154	46.94	23.9	93.74	46.8	
4155	46.9	79.67	93.65	46.75	
4156	47.21	17.93	93.62	46.41	
4157	47.54	27.13	93.6	46.06	
4158	47.23	19.5	93.6	46.37	
4159	49.31	59.38	93.57	44.26	
4160	48.61	45.37	93.58	44.97	
4161	48.06	90.97	93.58	45.52	
4162	49.51	36.11	93.58	44.07	
4163	49.23	0	93.58	44.35	
4164	49.32	18.01	93.58	44.26	
4165	49.82	0	93.59	43.77	
4166	49.79	0	93.45	43.66	
4167	48.06	32.93	93.58	45.52	
4168	47.18	19.5	93.59	46.41	
4169	46.28	54.15	93.6	47.32	
4170	46.26	25.78	93.64	47.38	
4171	46.94	46.42	93.68	46.74	
4172	48.28	20.52	93.84	45.56	
4173	46.09	90.37	93.63	47.54	
4174	47.23	37.9	93.66	46.43	
4175	48.2	20.89	93.67	45.47	
4176	47.77	32.07	93.57	45.8	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
4177	47.25	112.87	93.58	46.33	
4178	47.06	82.82	93.61	46.55	
4179	47.77	0	93.56	45.79	
4180	48.51	37.56	93.6	45.09	
4181	48.75	14.48	93.61	44.86	
4182	52.25	26.82	93.62	41.37	
4183	50.86	85.19	93.67	42.81	
4184	48.87	161.77	93.64	44.77	
4185	48.9	5.18	93.61	44.71	
4186	50.64	4.04	93.79	43.15	
4187	48.44	16.25	93.66	45.22	
4188	48.38	33.38	93.68	45.3	
4189	48.25	7.99	93.8	45.55	
4190	49.29	23.64	93.72	44.43	
4191	50.64	13.51	93.79	43.15	
4192	49.69	7.2	93.84	44.15	
4193	49.06	15.74	93.84	44.78	
4194	48.25	45.3	93.61	45.36	
4195	46.68	153.48	93.71	47.03	
4196	47.52	149.73	94.03	46.51	
4197	45.94	69.57	93.68	47.74	
4198	45.64	96.28	94.03	48.39	
4199	47.2	43.43	94.01	46.81	
4200	47.05	95.24	93.7	46.65	
4201	47.87	84.9	94.02	46.15	
4202	48.23	0	94.03	45.8	
4203	46.79	15.52	94.02	47.23	
4204	48.2	0	94.03	45.83	
4205	48.19	0	94.03	45.84	
4206	48.94	27.72	94.01	45.07	
4207	47.24	16.54	93.96	46.72	
4208	50.22	0.29	94.03	43.81	
4209	49.25	100.05	93.84	44.59	
4210	48.76	65.83	93.89	45.13	
4211	47.67	54.5	93.95	46.28	
4212	47.38	0	94.27	46.89	
4213	47.38	0	94.23	46.85	
4214	46.93	1.05	94.09	47.16	
4215	47.11	0	94.07	46.96	
4216	47.45	16.27	94.07	46.62	
4217	46.67	147.16	94.04	47.37	
4218	47.16	44.13	94.04	46.88	
4219	46.33	59.7	94.01	47.68	
4220	46.76	46.35	94.01	47.25	
4221	46.33	6.9	94.01	47.68	
4222	45.94	88.79	93.7	47.76	
4223	45.82	64.19	93.68	47.86	
4224	47.16	8.14	94.1	46.94	
4225	46.42	30.25	94.01	47.59	
4226	45.94	29.15	94.01	48.07	
4227	46.61	35.63	94.01	47.4	
4228	46.57	10.92	94.04	47.47	
4229	46.61	18.18	94.01	47.4	
4230	47.25	28.64	94.03	46.78	
4231	46.26	70.21	94.08	47.82	
4232	46.57	11.2	94.05	47.48	
4233	46.59	19.02	94.04	47.45	
4234	46.62	13.27	94.03	47.41	
4235	46.71	105.94	94.02	47.31	
4236	46.88	79.76	94.02	47.14	
4237	46.77	8.06	94.03	47.26	
4238	46.4	6.9	94.53	48.13	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
4239	47.31	76.94	94.39	47.08	
4240	46.11	12.69	94.65	48.54	
4241	46.18	31.18	94.55	48.37	
4242	46.41	5.74	94.5	48.09	
4243	46.58	70.04	94.32	47.74	
4244	48.74	21.8	94.24	45.5	
4245	46.83	18.62	94.16	47.33	
4246	46.81	18.66	94.15	47.34	
4247	50.07	420.01	94.17	44.1	
4248	47.46	113.69	94.11	46.65	
4249	46.9	43.43	94.11	47.21	
4250	46.43	129.38	94.11	47.68	
4251	47.58	17.29	94.11	46.53	
4252	47.48	35.76	94.07	46.59	
4253	47.13	24.68	94.11	46.98	
4254	47.63	23.52	94.07	46.44	
4255	46.55	66.35	94.11	47.56	
4256	47.4	17.61	94.12	46.72	
4257	46.93	34.45	94.12	47.19	
4258	46.58	5.86	94.11	47.53	
4259	46.83	84	94.11	47.28	
4260	48.69	0	94.08	45.39	
4261	47.4	6.74	94.15	46.75	
4262	47.29	6.92	94.08	46.79	
4263	47.41	31.52	94.07	46.66	
4264	47.1	11.32	94.07	46.97	
4265	47.08	9.09	94.07	46.99	
4266	46.93	17.72	94.15	47.22	
4267	46.94	784.78	94.07	47.13	
4268	47.38	0	94.19	46.81	
4269	47.38	0	94.21	46.83	
4270	47.42	0	94.11	46.69	
4271	47.2	26.58	94.03	46.83	
4272	47.35	707.56	93.82	46.47	
4273	47.93	697.55	93.94	46.01	
4274	47.18	0	93.97	46.79	
4275	48.22	20.3	85.55	37.33	
4276	49.19	13.61	85.48	36.29	
4277	48.36	18.46	85.51	37.15	
4278	47.94	20.55	85.52	37.58	
4279	48.72	24.91	85.5	36.78	
4280	48.63	31.59	85.5	36.87	
4281	48.92	17.49	85.51	36.59	
4282	49.75	42.79	85.5	35.75	
4283	49.54	13.58	85.49	35.95	
4284	49.19	67.15	85.48	36.29	
4285	48.86	9	85.48	36.62	
4286	48.94	32.4	85.48	36.54	
4287	45.63	22.33	93.96	48.33	
4288	45.42	508.75	94.28	48.86	
4289	44.16	38.21	94.09	49.93	
4290	44.18	106.1	94.06	49.88	
4291	44.17	50.31	94.14	49.97	
4292	44.8	16.43	94.2	49.4	
4293	44.9	41.59	93.97	49.07	
4294	45.79	43.66	93.65	47.86	
4295	46.06	100.29	93.45	47.39	
4296	44.18	82.53	93.25	49.07	
4297	44.19	33.74	93.61	49.42	
4298	44.31	30.39	93.96	49.65	
4299	44.2	61.9	93.85	49.65	
4300	44.17	83.25	93.38	49.21	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
4301	44.25	52.57	93.24	48.99	
4302	44.29	82.61	93.36	49.07	
4303	44.14	157.21	94.05	49.91	
4304	44.19	267.43	93.22	49.03	
4305	44.22	73.34	93.23	49.01	
4306	44.4	81.82	93.08	48.68	
4307	44.73	97.78	92.98	48.25	
4308	45.05	90.76	92.87	47.82	
4309	45.06	213.09	92.81	47.75	
4310	44.92	16.73	92.81	47.89	
4311	45.06	48.67	92.81	47.75	
4312	44.69	81.83	92.83	48.14	
4313	44.22	118.67	93.33	49.11	
4314	44.15	112.29	94.04	49.89	
4315	44.29	185.29	93.11	48.82	
4316	44.18	175.76	93.32	49.14	
4317	44.15	139.17	94.07	49.92	
4318	44.36	134.45	93.01	48.65	
4319	44.13	80.25	94.13	50	
4320	44.91	39.99	92.89	47.98	
4321	44.13	55.5	94.22	50.09	
4322	44.11	67.9	94.34	50.23	
4323	44.05	39.5	95.03	50.98	
4324	44.05	0	95.03	50.98	
4325	44.14	24.25	93.56	49.42	
4326	44.12	121.18	93.75	49.63	
4327	44.11	81.21	93.63	49.52	
4328	44.16	53.03	93.16	49	
4329	44.13	52.58	93.5	49.37	
4330	44.12	76.15	93.16	49.04	
4331	44.1	49.76	93.55	49.45	
4332	44.15	70.57	92.98	48.83	
4333	44.25	61.96	92.98	48.73	
4334	44.73	26.09	92.84	48.11	
4335	44.91	9.16	92.93	48.02	
4336	44.83	105.69	92.82	47.99	
4337	42.54	0	95.24	52.7	
4338	42.63	12.48	95.06	52.43	
4339	43.1	172.3	94.94	51.84	
4340	43.05	63.23	94.97	51.92	
4341	42.89	29.51	94.98	52.09	
4342	42.91	126.08	94.93	52.02	
4343	43.1	59.94	94.93	51.83	
4344	43.1	87.97	94.94	51.84	
4345	42.92	63.56	94.93	52.01	
4346	42.66	83	94.96	52.3	
4347	75.17	1282.03	119.58	44.41	
4348	70.86	540.07	90.44	19.58	
4349	71.23	15.1	93.02	21.79	
4350	74.73	199.28	92.57	17.84	
4351	74.68	0	92.57	17.89	
4352	74.48	1.44	92.57	18.09	
4353	74.15	2.85	92.56	18.41	
4354	74.13	0	92.56	18.43	
4355	73.85	3.82	92.56	18.71	
4356	73.79	25.36	92.56	18.77	
4357	72.65	45.66	92.55	19.9	
4358	73.73	8.56	92.56	18.83	
4359	72.93	2.59	92.56	19.63	
4360	72.35	0	92.55	20.2	
4361	73.35	2.04	92.56	19.21	
4362	73.49	6	92.56	19.07	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
4363	73.9	5.87	92.56	18.66	
4364	74.6	2.87	92.56	17.96	
4365	73.81	2	92.56	18.75	
4366	73.79	3.28	92.57	18.78	
4367	73.1	2.83	92.58	19.48	
4368	72.79	77.75	92.6	19.81	
4369	72.11	0	90.94	18.83	
4370	71.73	12.34	92.53	20.8	
4371	71.42	212.98	92.52	21.1	
4372	71.94	11.39	92.53	20.59	
4373	71.9	1.41	92.52	20.62	
4374	71.61	1.53	92.5	20.89	
4375	71.8	10.94	92.52	20.72	
4376	72.05	10.61	92.51	20.46	
4377	61.15	44.25	93.82	32.67	
4378	71.93	16.34	92.51	20.58	
4379	68.38	1300.73	92.77	24.39	
4380	71.93	1154.77	92.48	20.55	
4381	71.31	56.55	93.65	22.34	
4382	71.34	34.88	93.77	22.43	
4383	69.48	32.96	92.73	23.25	
4384	68.61	243.84	92.73	24.12	
4385	67.66	2.21	92.75	25.09	
4386	66.72	42.15	92.79	26.07	
4387	66.69	70.21	92.75	26.06	
4388	67.66	14.49	92.75	25.09	
4389	67.55	0.62	92.74	25.19	
4390	66.7	7.48	92.76	26.06	
4391	66.39	7.53	92.78	26.39	
4392	66.15	115.6	92.8	26.65	
4393	64.49	9.12	92.88	28.39	
4394	65.94	17.23	92.82	26.88	
4395	66.48	34.98	92.85	26.37	
4396	68.09	22.85	92.75	24.66	
4397	65.84	210.19	92.85	27.01	
4398	63.94	29.36	92.88	28.94	
4399	72.6	16.13	93.05	20.45	
4400	61.9	1.38	93.09	31.19	
4401	72.94	32.32	92.74	19.8	
4402	72.7	8.76	92.75	20.05	
4403	68.66	114.63	92.79	24.13	
4404	69.69	10.25	92.76	23.07	
4405	69.24	2.51	92.82	23.58	
4406	69.06	18.5	92.85	23.79	
4407	69.58	43.03	92.87	23.29	
4408	63.86	18.74	92.88	29.02	
4409	69.59	11.07	92.88	23.29	
4410	68.38	15.08	92.9	24.52	
4411	73.6	164.88	92.97	19.37	
4412	66.86	44.61	92.97	26.11	
4413	65.27	16.72	93.01	27.74	
4414	74.41	13.97	93	18.59	
4415	74.17	3.07	93.01	18.84	
4416	65.27	7.45	93.02	27.75	
4417	64.47	32.3	93.03	28.56	
4418	74.71	35.77	93.01	18.3	
4419	75.66	10.71	93.04	17.38	
4420	73.9	26.27	93.05	19.15	
4421	63.91	55.21	93.03	29.12	
4422	74.73	55.09	93.03	18.3	
4423	75.29	37.78	93.04	17.75	
4424	75.29	0.51	93.04	17.75	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
4425	74.18	5.45	93.04	18.86	
4426	73.1	21.98	93.05	19.95	
4427	69.3	9.68	93.05	23.75	
4428	73.59	15.41	93.04	19.45	
4429	71.51	10.2	93.05	21.54	
4430	63.66	19.12	93.05	29.39	
4431	63.38	26.29	93.05	29.67	
4432	61.2	11.25	93.09	31.89	
4433	62.7	36.03	93.05	30.35	
4434	63.73	57.36	93.05	29.32	
4435	62.58	173.79	92.9	30.32	
4436	64.87	10.68	92.75	27.88	
4437	62.74	46.82	92.9	30.16	
4438	62.51	19.26	92.9	30.39	
4439	63.47	52.13	92.9	29.43	
4440	62.87	53.26	92.9	30.03	
4441	62.68	91.75	92.93	30.25	
4442	61.9	31.02	92.9	31	
4443	61.94	11.06	92.9	30.96	
4444	61.71	29.92	92.9	31.19	
4445	63.7	56.56	92.9	29.2	
4446	61.1	111.41	92.9	31.8	
4447	61.1	39.62	92.9	31.8	
4448	61.24	22.87	92.9	31.66	
4449	61.34	94.36	93.08	31.74	
4450	61.16	35.54	93.15	31.99	
4451	60.32	104.1	93.03	32.71	
4452	60.47	92.32	92.93	32.46	
4453	59.81	26.26	92.98	33.17	
4454	59.17	104.69	92.91	33.74	
4455	59.53	1074.61	92.91	33.38	
4456	57.94	70.48	92.95	35.01	
4457	59.13	15	92.91	33.78	
4458	60.12	154.32	93.02	32.9	
4459	60.36	167.78	93.03	32.67	
4460	60.94	15.21	93.1	32.16	
4461	65.58	96.13	93.31	27.73	
4462	54.84	10.05	93.14	38.3	
4463	54.84	5.37	93.16	38.32	
4464	54.87	16.78	93.14	38.27	
4465	54.94	3.25	93.13	38.19	
4466	55.18	3.2	93.12	37.94	
4467	55.05	32.83	93.34	38.29	
4468	54.94	5.41	93.23	38.29	
4469	54.78	82.3	93.27	38.49	
4470	57.75	28.31	93.19	35.44	
4471	54.54	44.17	93.31	38.77	
4472	55.21	63.3	93.21	38	
4473	55.64	28.36	93.06	37.42	
4474	55.67	10.43	93.19	37.52	
4475	55.77	2.39	93.06	37.29	
4476	56.08	4.14	93.06	36.98	
4477	58.35	106.02	93.07	34.72	
4478	61.07	4.97	93.04	31.97	
4479	61.92	10.34	93.04	31.12	
4480	62.74	0	93.03	30.29	
4481	60.47	48.3	93.05	32.58	
4482	61.17	7.51	93.06	31.89	
4483	59.65	13.95	93.14	33.49	
4484	58.79	9.82	93.18	34.39	
4485	57.83	3.68	93.13	35.3	
4486	60.1	14.72	93.08	32.98	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
4487	57.54	61.6	93.14	35.6	
4488	57.38	95	93.17	35.79	
4489	55.83	13.43	93.18	37.35	
4490	57.67	33.46	93.15	35.48	
4491	57.19	47.88	93.19	36	
4492	59.84	4.17	93.1	33.26	
4493	59.25	23.45	93.17	33.92	
4494	65.7	70.71	92.84	27.14	
4495	69.44	183.13	92.94	23.5	
4496	62.9	488.6	92.97	30.07	
4497	73.5	66.31	92.81	19.31	
4498	71.7	73.15	92.82	21.12	
4499	74.2	62.59	92.81	18.61	
4500	75.3	56.65	92.83	17.53	
4501	75.7	42.13	92.85	17.15	
4502	70.9	8.34	92.85	21.95	
4503	71.8	56.23	92.85	21.05	
4504	71.7	48.7	92.83	21.13	
4505	70.6	62.67	92.81	22.21	
4506	69.3	83.57	92.81	23.51	
4507	67.7	67.11	92.82	25.12	
4508	63.6	268.51	92.84	29.24	
4509	65.7	53.83	92.83	27.13	
4510	63.5	36.81	92.86	29.36	
4511	63.6	95.88	92.87	29.27	
4512	68.6	2.56	92.85	24.25	
4513	68.7	6.37	92.85	24.15	
4514	56.39	0	93.47	37.08	
4515	54.79	4.66	93.46	38.67	
4516	66.28	16.5	93.5	27.22	
4517	65.94	0	93.5	27.56	
4518	58.94	71.96	93.08	34.14	
4519	59.9	54.78	93.07	33.17	
4520	59.9	0	93.07	33.17	
4521	95.46	65.05	146.92	51.46	
4522	90.52	28.65	146.94	56.42	
4523	84.4	0	146.95	62.55	
4524	100.08	1.41	146.96	46.88	
4525	75.8	1.27	92.27	16.47	
4526	82.8	2.9	146.94	64.14	
4527	83.17	0.29	146.96	63.79	
4529	104.12	212.2	146.82	42.7	
4530	93.25	360.68	146.97	53.72	
4531	93.08	0	146.94	53.86	
4532	114.99	50.69	146.71	31.72	
4533	112.6	52.56	146.72	34.12	
4534	104.43	15.46	146.81	42.38	
4535	104.1	4.17	146.81	42.71	
4536	68.87	4.17	146.63	77.76	
4537	71.3	16.51	146.6	75.3	
4538	65.46	0.23	146.36	80.9	
4539	74.81	6.69	146.4	71.59	
4540	68.46	1.25	146.4	77.94	
4541	71.68	21.39	146.31	74.63	
4542	58.81	14.34	146.25	87.44	
4543	57.91	10.22	146.26	88.35	
4544	53.43	0	146.26	92.83	
4545	59.1	12.2	146.25	87.15	
4546	56.55	0.3	146.26	89.71	
4547	57.46	7.8	146.26	88.8	
4548	61.28	2.58	146.26	84.98	
4549	57.72	3.18	146.26	88.54	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
4550	45.07	13.33	94.67	49.6	
4551	45.85	49.06	94.85	49	
4552	44.71	18.95	94.76	50.05	
4553	45.56	164.37	94.8	49.24	
4554	44.49	20.91	94.74	50.25	
4555	44.56	0.07	94.72	50.16	
4556	44.4	1.23	94.74	50.34	
4557	44.77	3.42	95.82	51.05	
4558	44.75	3.4	94.85	50.1	
4559	44.48	10.46	94.75	50.27	
4560	45.25	843.82	95.45	50.2	
4561	43.49	29.39	95.86	52.37	
4562	46.27	15.57	95.75	49.48	
4563	44.18	108.34	95.85	51.67	
4564	43.83	42.44	95.86	52.03	
4565	43.73	6.12	95.86	52.13	
4566	43.51	0	95.86	52.35	
4567	43.34	0	95.87	52.53	
4568	43.24	209.13	95.83	52.59	
4569	43.75	1.72	95.85	52.1	
4570	43.84	15.99	95.85	52.01	
4571	43.76	10.58	95.86	52.1	
4572	43.94	36.83	95.86	51.92	
4573	43.64	0.85	95.86	52.22	
4574	43.58	12.61	95.85	52.27	
4575	43.75	32.76	95.87	52.12	
4576	42.69	20.23	95.87	53.18	
4577	42.51	33.12	95.88	53.37	
4578	43.87	76.01	95.87	52	
4579	43.74	23.54	95.87	52.13	
4580	42.54	0	95.88	53.34	
4581	42.41	0	95.88	53.47	
4582	42.41	0.23	95.88	53.47	
4583	42.51	0	95.88	53.37	
4584	42.54	37.9	95.88	53.34	
4585	43.05	45.94	95.86	52.81	
4586	43.16	51.56	95.86	52.7	
4587	43.37	32.82	95.86	52.49	
4588	43.66	0.29	95.85	52.19	
4589	44.13	14.01	95.85	51.72	
4590	44.34	21.94	95.82	51.48	
4591	45.77	11.77	95.75	49.98	
4592	45.44	17.68	95.83	50.39	
4593	44.51	13.72	95.85	51.34	
4594	44.61	2.86	95.83	51.22	
4595	44.56	6.63	95.86	51.3	
4596	44.18	27.35	95.86	51.68	
4597	42.86	30.14	95.86	53	
4598	42.9	2.02	95.86	52.96	
4599	44.51	1.09	95.85	51.34	
4600	44.07	2.56	95.84	51.77	
4601	44.59	2.29	95.83	51.24	
4602	45.2	0.69	95.81	50.61	
4603	45.38	50.04	95.8	50.42	
4604	42.58	129.34	96.37	53.79	
4605	42.64	0.29	96.4	53.76	
4606	43.32	578.54	95.72	52.4	
4607	44.19	67.7	95.85	51.66	
4608	44.32	384.12	95.9	51.58	
4609	44.59	0	95.94	51.35	
4610	44.24	0	95.98	51.74	
4611	43.69	279.04	95.73	52.04	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
4612	44.15	37.48	95.84	51.69	
4613	42.79	0	96.4	53.61	
4614	44.24	49.54	95.98	51.74	
4615	44.38	122.41	95.96	51.58	
4616	43.94	258.7	95.99	52.05	
4617	44.89	0	95.95	51.06	
4618	44.62	66.36	95.97	51.35	
4619	44.65	82.9	96.03	51.38	
4620	44.49	13.73	96.1	51.61	
4621	43.66	40.9	96.05	52.39	
4622	44.21	35.48	96.18	51.97	
4623	43.87	84.23	96.37	52.5	
4624	45.01	16.5	96.52	51.51	
4625	45.86	1.7	96.61	50.75	
4626	44.24	124.87	96.48	52.24	
4627	44.13	56.97	96.41	52.28	
4628	43.24	27.56	96.34	53.1	
4629	43.06	73.47	96.32	53.26	
4630	43.15	462.13	96.28	53.13	
4631	43.63	26.36	96.36	52.73	
4632	43.06	22.19	96.31	53.25	
4633	43.06	129.24	96.25	53.19	
4634	43.71	102.88	96.2	52.49	
4635	43.58	81.05	96.16	52.58	
4636	43.47	104.22	96.11	52.64	
4637	43.22	156.73	96.22	53	
4638	42.55	231.11	96.28	53.73	
4639	43.05	7.04	96.32	53.27	
4640	42.87	100.8	96.28	53.41	
4641	42.54	25.24	96.31	53.77	
4642	42.64	22.12	96.4	53.76	
4643	42.79	3.35	96.4	53.61	
4644	43.12	45.95	96.41	53.29	
4645	49.44	448.3	93.21	43.77	
4646	49.35	8.78	92.82	43.47	
4647	48.29	0	92.9	44.61	
4648	48.34	22.23	93.05	44.71	
4649	48.4	54.79	93.01	44.61	
4650	47.54	37.95	92.96	45.42	
4651	47.37	35.88	92.94	45.57	
4652	47.41	51.07	92.92	45.51	
4653	47.41	30.72	92.91	45.5	
4654	47.76	17.85	92.91	45.15	
4655	46.74	37.27	92.94	46.2	
4656	46.34	27.65	94.05	47.71	
4657	45.87	68.46	94.78	48.91	
4658	45.88	69.51	95.13	49.25	
4659	44.73	102.92	95.86	51.13	
4660	45.25	13.55	95.78	50.53	
4661	45.87	591.61	90.4	44.53	
4662	46.2	19.67	94.59	48.39	
4663	45.61	28.33	94.66	49.05	
4664	45.53	26.58	95.6	50.07	
4665	49.89	41.94	92.72	42.83	
4666	50.9	8.74	92.62	41.72	
4667	49.12	152.33	92.78	43.66	
4668	49.78	110.61	92.71	42.93	
4669	47.94	109.98	92.76	44.82	
4670	47.93	86.16	92.74	44.81	
4671	47.85	76.83	92.74	44.89	
4672	47.08	108.11	92.74	45.66	
4673	46.53	83.85	92.68	46.15	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
4674	48.25	17.31	93.55	45.3	
4675	51.3	125.47	92.61	41.31	
4676	53.49	183.26	92.53	39.04	
4677	54.54	231.36	92.52	37.98	
4678	50.76	97.34	92.61	41.85	
4679	51.23	77.75	92.61	41.38	
4680	51.78	241.28	92.61	40.83	
4681	49.84	115.45	92.62	42.78	
4682	48.89	44.34	92.62	43.73	
4683	49.49	46.54	92.64	43.15	
4684	49.5	74.25	92.6	43.1	
4685	49.28	20.69	92.69	43.41	
4686	49.13	41.94	92.66	43.53	
4687	51.16	57.81	92.59	41.43	
4688	51.77	76.22	92.57	40.8	
4689	51.62	56.44	92.59	40.97	
4690	51.59	73.08	92.57	40.98	
4691	51.59	19.23	92.55	40.96	
4692	52.65	14.51	92.54	39.89	
4693	51.46	0	92.54	41.08	
4694	54.89	57.79	92.5	37.61	
4695	54.8	33.58	92.52	37.72	
4696	54.59	191.19	92.52	37.93	
4697	51.83	131.52	92.53	40.7	
4698	54.47	76.29	92.52	38.05	
4699	54.1	28.05	92.52	38.42	
4700	54.93	91.18	92.52	37.59	
4701	54.68	47.96	92.53	37.85	
4702	55.15	14.78	92.54	37.39	
4703	54.82	12.25	92.58	37.76	
4704	54.82	10.29	92.58	37.76	
4705	57.4	4.73	92.55	35.15	
4706	59.23	1.82	92.68	33.45	
4707	54.91	11.87	92.53	37.62	
4708	57.31	6.16	92.54	35.23	
4709	55.25	23.48	92.51	37.26	
4710	54.13	22.21	92.42	38.29	
4711	54.48	41.47	92.35	37.87	
4712	54.84	30.7	92.49	37.65	
4713	51.07	26.95	92.5	41.43	
4714	46.6	17.37	92.41	45.81	
4715	48.29	37.46	92.4	44.11	
4716	56.69	81.06	92.38	35.69	
4717	48.27	2.78	92.39	44.12	
4718	50.06	207.54	81.9	31.84	
4719	54.92	0	92.03	37.11	
4720	52.9	0	92.03	39.13	
4721	53.22	0	92.03	38.81	
4722	60.99	86.42	92.03	31.04	
4723	63.22	48.77	92.38	29.16	
4724	62.46	252.84	91.59	29.13	
4725	68.31	294.76	91.01	22.7	
4726	53.61	0	92.25	38.64	
4727	49.81	0.6	92.46	42.65	
4728	50.69	46.15	92.46	41.77	
4729	57.24	94.24	92.34	35.1	
4730	59.38	14.28	92.05	32.67	
4731	54.66	4.16	92.08	37.42	
4732	55.84	19.57	92.25	36.41	
4733	56.43	12.35	92.07	35.64	
4734	59.81	22.89	92.05	32.24	
4735	59.87	6.26	92.05	32.18	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
4736	58.48	0.69	92.07	33.59	
4737	57.7	8.52	92.08	34.38	
4738	59.39	15.22	92.08	32.69	
4739	60.47	70.06	92.19	31.72	
4740	57.76	9.64	92.25	34.49	
4741	58.46	27.42	92.28	33.82	
4742	58.78	58.67	92.28	33.5	
4743	56.17	33.93	92.25	36.08	
4744	57.36	48.58	92.47	35.11	
4745	57.62	98.44	92.49	34.87	
4746	57.06	43.51	92.53	35.47	
4747	59.19	16.78	92.5	33.31	
4748	57.06	5.11	92.39	35.33	
4749	57.58	85.6	92.42	34.84	
4750	60.73	93.67	92.32	31.59	
4751	58.55	24.9	92.3	33.75	
4752	60.56	74.33	92.28	31.72	
4753	57.64	56.94	92.25	34.61	
4754	62.8	255.16	92.25	29.45	
4755	58.27	99.28	92.3	34.03	
4756	57.58	7.73	92.38	34.8	
4757	58.38	13.97	92.38	34	
4758	60.36	101.94	92.35	31.99	
4759	59.69	126.43	92.3	32.61	
4760	60.23	39.61	92.5	32.27	
4761	61.22	0	92.65	31.43	
4762	61.22	0	92.63	31.41	
4763	136.76	1.72	251.78	115.02	
4764	121.63	2.67	251.78	130.15	
4765	125.07	5.02	251.78	126.71	
4766	110.72	2.28	251.78	141.06	
4767	104.72	0	251.78	147.06	
4768	104.86	4.4	251.78	146.92	
4769	103.16	67.26	251.78	148.62	
4770	116.5	555.67	187.68	71.18	
4772	89.64	16.41	96.8	7.16	
4773	87.83	8.5	96.8	8.97	
4774	85.36	18.33	96.8	11.44	
4775	74.7	154.43	96.8	22.1	
4776	86.65	27.86	96.8	10.15	
4777	67.88	9.78	96.58	28.7	
4778	64.08	16.24	96.58	32.5	
4779	70.35	0	96.8	26.45	
4780	59.45	186.01	96.58	37.13	
4781	63.4	100.57	96.58	33.18	
4782	62.94	11.64	96.59	33.65	
4783	66.52	335.14	93.88	27.36	
4784	66.38	470.22	96.25	29.87	
4785	66.93	55.72	95.74	28.81	
4786	66.84	0	95.74	28.9	
4787	61.81	0.29	96.54	34.73	
4788	59.69	22.96	96.58	36.89	
4789	61.72	188.56	96.42	34.7	
4790	59.5	42.44	96.59	37.09	
4791	57.15	0.56	96.59	39.44	
4792	61.15	112.11	96.35	35.2	
4793	48.93	2.1	96.81	47.88	
4794	50.7	63.84	96.63	45.93	
4795	61.86	15.57	96.59	34.73	
4796	56.8	11.42	96.59	39.79	
4797	52.65	48.88	96.61	43.96	
4798	53.53	16.68	96.61	43.08	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
4799	54.38	15.68	96.6	42.22	
4800	55.79	28.33	96.59	40.8	
4801	62.46	27.26	96.59	34.13	
4802	45.11	122.96	97.29	52.18	
4803	42.1	8.86	97.39	55.29	
4804	41.07	458.86	97.47	56.4	
4805	40.66	159.49	97.51	56.85	
4806	41.4	58.77	97.4	56	
4807	43.47	0.64	97.57	54.1	
4808	40.9	127.2	97.45	56.55	
4809	40.67	103.95	97.47	56.8	
4810	40.05	37.6	97.62	57.57	
4811	39.82	115.58	97.83	58.01	
4812	40.35	35.48	97.59	57.24	
4813	40.87	619.3	97.47	56.6	
4814	40.19	0.6	97.55	57.36	
4815	40.07	0.29	97.78	57.71	
4816	40.21	0.29	97.68	57.47	
4817	39.75	39.54	97.6	57.85	
4818	40.24	23.1	97.53	57.29	
4819	39.95	372.97	97.58	57.63	
4820	40.21	1366.61	97.53	57.32	
4821	42.36	0.29	97.59	55.23	
4822	40.92	5.83	97.58	56.66	
4823	40.16	1.19	97.61	57.45	
4824	40.53	57.73	97.65	57.12	
4825	53.19	321.48	90.23	37.04	
4826	58.08	0	88.46	30.38	
4827	64.6	41.49	90.23	25.63	
4828	63.59	0	90.24	26.65	
4829	70.25	1047.95	90.31	20.06	
4830	72.75	18.81	90.22	17.47	
4831	76.91	14.69	90.24	13.33	
4832	68.85	40.65	90.66	21.81	
4833	68.18	0	90.36	22.18	
4834	49.28	33.88	92.78	43.5	
4835	50.03	86.57	92.67	42.64	
4836	50.53	39.68	92.6	42.07	
4837	51.38	21.66	92.53	41.15	
4838	45.69	10.58	92.6	46.91	
4839	45.43	73.21	93.41	47.98	
4840	46.18	93.09	93.31	47.13	
4841	45.39	670.14	93.45	48.06	
4842	58.77	0	98.38	39.61	
4843	71.11	0.33	177.47	106.36	
4844	73.53	31.42	98.19	24.66	
4845	52.62	1.45	94.3	41.68	
4846	53.91	0	94.4	40.49	
4847	45.49	18.62	94.49	49	
4848	75.9	0	98.68	22.78	
4849	51.08	6.04	99.85	48.77	
4850	71.27	22.51	98.9	27.63	
4851	51.22	7.37	99.19	47.97	
4852	51.11	41.75	98.84	47.73	
4853	46.56	23.18	98.39	51.83	
4854	45.41	1.05	100.2	54.79	
4855	45.82	33.51	100.11	54.29	
4856	51.3	18.21	98.7	47.4	
4857	69.75	127.98	98.51	28.76	
4858	91.71	0	163.23	71.52	
4859	50.25	55.75	98.83	48.58	
4860	49.68	80.52	99.12	49.44	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
4861	52.22	38.04	99.06	46.84	
4862	54.4	26.95	98.16	43.76	
4863	55.87	79.39	98.69	42.82	
4864	125.28	898.68	176.32	51.04	
4865	57.25	0	94.43	37.18	
4866	54.64	6.42	94.67	40.03	
4867	63.94	2.95	94.27	30.33	
4868	75.94	59.13	101.05	25.11	
4869	71.43	138.49	93.98	22.55	
4870	69.3	67.07	93.9	24.6	
4871	69.6	19.88	93.89	24.29	
4872	45.44	14.3	94.73	49.29	
4873	53.9	38.81	94.7	40.8	
4874	56.82	46.64	93.98	37.16	
4875	68.59	1.33	93.79	25.2	
4876	51.84	49.72	94.55	42.71	
4877	49.48	10.2	95.13	45.65	
4878	47.62	178.1	94.67	47.05	
4879	45.42	24.19	95.17	49.75	
4880	50.58	24.12	94.84	44.26	
4881	49.71	273.13	94.84	45.13	
4882	56.94	12.34	94.21	37.27	
4883	63.52	56.52	131.38	67.86	
4884	61.75	34.24	94.16	32.41	
4885	70.24	20.73	94.03	23.79	
4886	94.41	25.31	184.54	90.13	
4887	59.61	0	94.38	34.77	
4888	60.83	14.57	94.02	33.19	
4889	81.79	58.64	162.83	81.04	
4890	76.37	42.05	162.72	86.35	
4891	54.53	66.21	98.74	44.21	
4892	60.15	32.21	94.26	34.11	
4893	60.15	32.16	111.11	50.96	
4894	59.85	64.3	94.27	34.42	
4895	72.24	2.48	94.27	22.03	
4896	92	54.19	111.85	19.85	
4897	68.31	8.76	93.95	25.64	
4898	68.14	2.35	93.61	25.47	
4899	65.86	0	93.86	28	
4900	49.49	239.97	94.85	45.36	
4901	50.4	48.95	94.72	44.32	
4902	46.07	8.97	94.84	48.77	
4903	46.24	7.77	94.77	48.53	
4904	45.32	96.9	94.69	49.37	
4905	44.55	1174.36	97.58	53.03	
4906	44.08	0	97.59	53.51	
4907	40.27	77.42	94.75	54.48	
4908	39.84	101.48	95.03	55.19	
4909	40.17	232.74	95.03	54.86	
4910	40.07	170.72	95.04	54.97	
4911	40.1	0	95.07	54.97	
4912	40.11	172.83	95.64	55.53	
4913	39.55	1135.48	94.82	55.27	
4914	39.93	87.55	95.04	55.11	
4915	40.18	17.27	94.8	54.62	
4916	40.24	12.31	94.81	54.57	
4917	39.58	265.85	97.05	57.47	
4918	41.06	336.22	94.58	53.52	
4919	40.03	203.21	95.66	55.63	
4920	40.14	79.77	96.28	56.14	
4921	39.85	85.67	96.49	56.64	
4922	41.25	93.76	95.32	54.07	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
4923	41.32	99.51	95.32	54	
4924	41.58	131.59	95.36	53.78	
4925	41.29	83.04	95.32	54.03	
4926	41.43	32.83	95.32	53.89	
4927	40.8	108.63	95.33	54.53	
4928	40.78	72.72	95.32	54.54	
4929	40.66	70.01	95.35	54.69	
4930	40.4	436.17	95.35	54.95	
4931	40.32	77.65	95.35	55.03	
4932	40.65	77.03	95.34	54.69	
4933	40.65	67.89	95.36	54.71	
4934	40.53	83.22	95.33	54.8	
4935	40.38	61.66	95.33	54.95	
4936	40.35	26.54	95.36	55.01	
4937	40.14	34.6	95.39	55.25	
4938	40.22	8.48	95.67	55.45	
4939	40.64	61.06	95.33	54.69	
4940	40.46	73.76	95.33	54.87	
4941	40.47	101.15	95.37	54.9	
4942	40.55	69.99	95.34	54.79	
4943	40.26	25.67	95.47	55.21	
4944	40.34	54.41	95.58	55.24	
4945	40.11	14.26	95.9	55.79	
4946	42.38	40.66	95.62	53.24	
4947	40.16	50.37	95.47	55.31	
4948	40.31	65.88	95.38	55.07	
4949	40.4	66.08	95.34	54.94	
4950	40.58	46.27	95.33	54.75	
4951	40.58	47.8	95.35	54.77	
4952	40.85	55.6	95.4	54.55	
4953	40.91	60.44	95.35	54.44	
4954	42.45	64.24	95.33	52.88	
4955	41.46	75.1	95.32	53.86	
4956	41.46	73.64	95.32	53.86	
4957	42.06	0	99.83	57.77	
4958	42.06	18.37	99.82	57.76	
4959	42.06	0	99.82	57.76	
4960	42.61	18.35	99.81	57.2	
4961	42.62	57.53	99.8	57.18	
4962	41.62	62.74	99.8	58.18	
4963	39.62	29.26	99.8	60.18	
4964	40.46	15.21	99.8	59.34	
4965	40.46	116.33	99.8	59.34	
4966	42.37	4.08	99.82	57.45	
4967	42.2	6.89	99.82	57.62	
4968	42.87	17.54	99.81	56.94	
4969	42.15	0.58	99.81	57.66	
4970	42.5	34.84	99.8	57.3	
4971	42.74	87.25	99.8	57.06	
4972	42.51	50.37	99.8	57.29	
4973	42.41	53.66	99.8	57.39	
4974	42.58	101.94	99.8	57.22	
4975	43.6	92.63	99.8	56.2	
4976	43.48	36.53	99.8	56.32	
4977	42.75	61.07	99.8	57.05	
4978	42.58	32.66	99.81	57.23	
4979	42.41	28.34	99.81	57.4	
4980	42.48	336.5	99.82	57.34	
4981	42.87	3.25	99.84	56.97	
4982	43.16	11.9	99.82	56.66	
4983	43.14	19.96	99.85	56.71	
4984	43.11	61.32	99.8	56.69	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
4985	43.12	39.68	99.81	56.69	
4986	43.25	22.61	99.8	56.55	
4987	41.16	90.83	99.78	58.62	
4988	43.31	26.7	99.9	56.59	
4989	44.16	17.96	99.96	55.8	
4990	44.16	0	100.07	55.91	
4991	44.32	0	100.07	55.75	
4992	44.16	5.97	100.03	55.87	
4993	44.32	0	100.07	55.75	
4994	44.61	10.62	100.06	55.45	
4995	44.76	23.19	100.14	55.38	
4996	44.58	13.22	100.05	55.47	
4997	44.41	58.41	100.06	55.65	
4998	44.33	47.56	100.05	55.72	
4999	44.88	23.11	100.04	55.16	
5000	44.73	9.66	100.04	55.31	
5001	44.74	50.14	99.99	55.25	
5002	44.55	50.4	100.03	55.48	
5003	44.73	29.79	100.04	55.31	
5004	44.16	43.47	99.82	55.66	
5005	44.54	36.42	100.04	55.5	
5006	46.51	5.47	100.04	53.53	
5007	42.51	16.16	100.04	57.53	
5008	43.55	2.82	100.04	56.49	
5009	43.41	11.91	100.03	56.62	
5010	43.15	12.77	100.01	56.86	
5011	48.07	8.82	99.96	51.89	
5012	48.25	11.52	99.81	51.56	
5013	48.14	1.82	100.07	51.93	
5014	48.34	40.39	99.8	51.46	
5015	46.89	49.51	100.07	53.18	
5016	47.59	26.89	99.8	52.21	
5017	44.31	35.54	100.07	55.76	
5018	44.52	67.24	100.05	55.53	
5019	45.24	40.57	99.8	54.56	
5020	44.2	0	100.07	55.87	
5021	43.91	23.66	99.82	55.91	
5022	44.21	17.64	99.81	55.6	
5023	44.2	8.13	99.89	55.69	
5024	44.2	94.74	99.83	55.63	
5025	43.46	26.7	99.89	56.43	
5026	43.87	45.72	99.81	55.94	
5027	43.27	18.43	99.84	56.57	
5028	43.46	37.32	99.8	56.34	
5029	43.12	26.97	99.8	56.68	
5030	43.11	32.98	99.79	56.68	
5031	43.16	61.91	99.8	56.64	
5032	43.48	23.16	99.8	56.32	
5033	43.17	22.69	99.79	56.62	
5034	43.06	37.2	99.79	56.73	
5035	43.27	28.26	99.79	56.52	
5036	44.23	45.22	99.8	55.57	
5037	43.79	71.78	99.79	56	
5038	43.61	84.44	99.79	56.18	
5039	46.28	43.1	99.79	53.51	
5040	40.29	19.07	99.8	59.51	
5041	44.2	50.77	99.79	55.59	
5042	42.94	38.52	99.8	56.86	
5043	75.41	13.4	85.55	10.14	
5044	82.38	1.51	122.39	40.01	
5045	80.45	17.52	122.39	41.94	
5046	72.55	5.09	85.56	13.01	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
5047	77.9	14.43	122.39	44.49	
5048	72.58	1.44	122.42	49.84	
5049	72.58	0	85.57	12.99	
5050	72.65	0	85.57	12.92	
5051	71.23	1.61	85.5	14.27	
5052	71.74	517.83	85.5	13.76	
5053	71.32	22.44	85.5	14.18	
5054	72.67	3.13	85.55	12.88	
5055	72.31	32.21	85.54	13.23	
5056	73.11	1.17	85.55	12.44	
5057	72.31	7.67	85.55	13.24	
5058	72.43	4.89	85.56	13.13	
5059	71.81	7.23	85.55	13.74	
5060	76.7	5.58	85.53	8.83	
5061	77.44	13.58	85.51	8.07	
5062	71.3	5.23	85.5	14.2	
5063	71.3	4.3	85.5	14.2	
5064	74.24	3.4	85.55	11.31	
5065	71.5	4.55	85.5	14	
5066	71.12	188.22	85.5	14.38	
5067	70.93	15.01	85.5	14.57	
5068	72.65	0	85.58	12.93	
5069	67.89	15.49	85.5	17.61	
5070	73.64	7.99	85.51	11.87	
5071	73.27	2.01	85.51	12.24	
5072	100.7	3.28	118.84	18.14	
5073	97.2	83.07	118.6	21.4	
5074	96.4	2.35	118.84	22.44	
5075	90.4	29.36	118.82	28.42	
5076	88.4	7.11	118.97	30.57	
5077	89.9	3.25	118.97	29.07	
5078	91.23	20.62	118.96	27.73	
5079	78.52	17.64	118.95	40.43	
5080	82.07	3.21	118.98	36.91	
5081	83.07	26.9	118.98	35.91	
5082	82.09	0	118.98	36.89	
5083	81.89	13.94	118.98	37.09	
5084	81.31	1.07	118.98	37.67	
5085	80.53	1.17	118.98	38.45	
5086	81.56	2.24	118.98	37.42	
5087	84.92	32.74	118.99	34.07	
5088	79.87	39.71	118.98	39.11	
5089	82.93	44.32	118.97	36.04	
5090	81.45	51.95	118.97	37.52	
5091	81.86	5.74	118.98	37.12	
5092	81.68	28.21	119.02	37.34	
5093	80.93	25.68	118.97	38.04	
5094	80.4	28.42	118.98	38.58	
5095	81.56	27.4	118.99	37.43	
5096	80.92	25.98	118.98	38.06	
5097	80.89	0	119.03	38.14	
5098	80.44	21.22	118.98	38.54	
5099	79.55	0.29	119.17	39.62	
5100	78.92	0	119.23	40.31	
5101	79.24	111.8	118.98	39.74	
5102	77.81	28.65	93.77	15.96	
5103	78.42	23.29	93.76	15.34	
5104	75.1	30.18	93.77	18.67	
5105	77.4	102.32	93.75	16.35	
5106	77.4	32.93	93.75	16.35	
5107	75.76	2.24	93.76	18	
5108	75.8	0.29	93.76	17.96	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
5109	74.5	17.85	93.75	19.25	
5110	74.2	76.94	93.75	19.55	
5111	73.6	67.04	93.76	20.16	
5112	78.42	0.53	93.76	15.34	
5113	73.27	7.69	93.76	20.49	
5114	73.2	23.57	93.76	20.56	
5115	75.89	9.33	93.76	17.87	
5116	75.79	14.89	93.76	17.97	
5117	73.2	26.22	93.76	20.56	
5118	73.6	2.01	93.76	20.16	
5119	74.18	14.22	93.77	19.59	
5120	78.9	627.03	93.43	14.53	
5121	76.72	54.72	93.52	16.8	
5122	74.54	1218.19	93.67	19.13	
5123	72.11	23.93	93.68	21.57	
5124	76.06	0	93.76	17.7	
5125	73.87	3.33	93.67	19.8	
5126	74.5	2.22	93.76	19.26	
5127	72.4	9.96	93.67	21.27	
5128	71.65	19.38	93.68	22.03	
5129	71.11	21.75	93.77	22.66	
5130	69.41	398.91	93.79	24.38	
5131	70.69	105.31	93.73	23.04	
5132	70.75	0.29	93.77	23.02	
5133	71.78	0	93.76	21.98	
5134	73.28	0	93.75	20.47	
5135	73.82	7.1	93.71	19.89	
5136	72.61	8.56	93.68	21.07	
5137	73.2	2.49	93.69	20.49	
5138	73.46	1.14	93.68	20.22	
5139	73.1	22.3	93.77	20.67	
5140	72.1	35.62	93.77	21.67	
5141	72.1	32.97	93.77	21.67	
5142	74.8	0	93.77	18.97	
5143	74.57	0	119.34	44.77	
5144	74.84	39.8	93.77	18.93	
5145	70.5	27.56	93.77	23.27	
5146	74.41	28.08	119.32	44.91	
5147	74.41	0	93.77	19.36	
5148	70.81	532.52	119.42	48.61	
5149	71.17	0	119.49	48.32	
5150	73.31	0	119.55	46.24	
5151	71.71	0	119.53	47.82	
5152	73.31	0	90.56	17.25	
5153	73.06	0	90.56	17.5	
5154	70.58	0	90.56	19.98	
5155	74.49	8.35	90.56	16.07	
5156	71.32	0.29	90.56	19.24	
5157	78.19	8.97	90.55	12.36	
5158	74.49	5.72	90.56	16.07	
5159	82.63	3.35	90.55	7.92	
5160	78.85	15.64	90.55	11.7	
5161	71.17	26.84	93.5	22.33	
5162	73.66	11.13	90.55	16.89	
5163	75.47	5.65	90.55	15.08	
5164	75.83	5.04	90.55	14.72	
5165	74.8	3.46	90.56	15.76	
5166	74.85	0.01	90.55	15.7	
5167	71.11	6.48	93.38	22.27	
5168	71.59	221.59	90.55	18.96	
5169	68.17	0	90.55	22.38	
5170	73.35	22.37	90.55	17.2	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
5171	69.87	17.16	90.55	20.68	
5172	70.91	14.85	90.55	19.64	
5173	69.72	17.2	90.55	20.83	
5174	70.6	25.99	90.55	19.95	
5175	70.3	25.86	90.55	20.25	
5176	73.58	14.71	90.56	16.98	
5177	70.41	7.58	90.56	20.15	
5178	70.54	0	90.56	20.02	
5179	70.21	0	90.56	20.35	
5180	69.5	0	90.57	21.07	
5181	69.34	0	90.58	21.24	
5182	69.34	0	90.58	21.24	
5183	63.12	118.52	92.63	29.51	
5184	61.63	78.4	92.43	30.8	
5185	60.71	12.5	93.44	32.73	
5186	69.7	0	90.56	20.86	
5187	69.88	30.95	90.56	20.68	
5188	69.68	17.2	90.55	20.87	
5189	69.87	0.29	90.55	20.68	
5190	66.75	0	90.55	23.8	
5191	69.1	7.25	90.55	21.45	
5192	65.87	4.82	93.3	27.43	
5193	71.14	4.79	93.5	22.36	
5194	54.33	2.04	93.53	39.2	
5195	63.47	2.79	93.5	30.03	
5196	70.69	0.29	93.49	22.8	
5197	63.1	31.11	93.51	30.41	
5198	70.8	0.29	93.49	22.69	
5199	69.82	6.7	93.38	23.56	
5200	63.32	4.07	93.23	29.91	
5201	62.65	26.16	93.12	30.47	
5202	62.47	3.68	92.96	30.49	
5203	63.22	15.31	93.42	30.2	
5204	64.82	0.7	93.38	28.56	
5205	67.24	1	93.38	26.14	
5206	63.86	29.3	93.41	29.55	
5207	62.69	69.87	93.52	30.83	
5208	62.2	0.01	93.49	31.29	
5209	62.69	32.97	93.53	30.84	
5210	59.61	0.29	93.64	34.03	
5211	61.56	14.3	93.43	31.87	
5212	62.86	23.52	93.44	30.58	
5213	63.11	32.85	93.42	30.31	
5214	62.81	3	93.47	30.66	
5215	60.23	21.53	93.5	33.27	
5216	59.22	0	93.8	34.58	
5217	59.11	0	93.84	34.73	
5218	61.14	23.54	93.44	32.3	
5219	61.22	20.22	93.43	32.21	
5220	60.38	30.23	93.44	33.06	
5221	60.85	3.33	93.45	32.6	
5222	60.65	17.2	93.45	32.8	
5223	60.63	0.29	93.48	32.85	
5224	42.08	13.12	99.45	57.37	
5225	48.2	0.63	97.67	49.47	
5226	42.44	1633.53	99.34	56.9	
5227	41.48	1288.57	99.57	58.09	
5228	50.66	34.28	97.77	47.11	
5229	49.21	259.64	98.14	48.93	
5230	49.77	36.96	97.89	48.12	
5231	46.33	1515.73	98.4	52.07	
5232	44.15	623.28	98.81	54.66	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
5233	42.41	0	99.43	57.02	
5234	49.17	31.19	98.85	49.68	
5235	57.22	55.07	98.31	41.09	
5236	54.04	68.07	97.93	43.89	
5237	51.36	32.19	97.84	46.48	
5238	53.16	39.35	97.92	44.76	
5239	55.59	167.12	98.11	42.52	
5240	53.9	130.01	98.13	44.23	
5241	49.39	99.89	98.42	49.03	
5242	48.6	98.3	98.62	50.02	
5243	45.74	105.26	98.69	52.95	
5244	43.26	106.93	98.95	55.69	
5245	44.54	237.63	98.66	54.12	
5246	47.33	129.47	98.39	51.06	
5247	50.32	137.21	98.12	47.8	
5248	52.48	153.36	97.86	45.38	
5249	50.45	142.67	97.88	47.43	
5250	30.65	1663.96	92.73	62.08	
5251	30.79	0	93.25	62.46	
5252	29.49	312.54	66.91	37.42	
5253	28.17	1462.21	68.98	40.81	
5254	27.83	26.38	87.2	59.37	
5255	27.94	10.79	87.38	59.44	
5256	29.15	55.07	90.89	61.74	
5257	30.62	289.51	92.49	61.87	
5258	30.11	1681.93	67.4	37.29	
5259	30.62	0	93.31	62.69	
5260	29.88	18.9	92.45	62.57	
5261	29.93	6.46	92.68	62.75	
5262	28.53	35.7	88.8	60.27	
5263	27.83	8.67	87.48	59.65	
5264	29.15	818.89	90.89	61.74	
5265	29.87	13.01	92.43	62.56	
5266	29.87	35.59	92.9	63.03	
5267	29.22	691.56	90.92	61.7	
5268	28.6	35.13	88.75	60.15	
5269	28.17	67.89	89.09	60.92	
5270	29.14	80.84	92.34	63.2	
5271	29.45	217.79	92.39	62.94	
5272	31.56	134.2	91.23	59.67	
5273	28.15	803.81	77.87	49.72	
5274	30.62	100.04	77.81	47.19	
5275	30.82	1008.32	91.16	60.34	
5276	33.45	22.51	92.3	58.85	
5277	30.57	21.62	90.16	59.59	
5278	30.92	869.94	88.47	57.55	
5279	29.92	1949.17	86.12	56.2	
5280	30.14	566.01	90.04	59.9	
5281	29.31	12.53	92.38	63.07	
5282	29.67	771.11	91.56	61.89	
5283	29.82	8.14	92.61	62.79	
5284	29.56	112.89	92.21	62.65	
5285	31.22	1540.15	85.47	54.25	
5286	31.31	167.66	87.47	56.16	
5287	31.94	183.67	88.89	56.95	
5288	30.44	1844.76	89.66	59.22	
5289	30.54	138.88	89.58	59.04	
5290	32.03	18.45	89.42	57.39	
5291	29.99	109.91	92.75	62.76	
5292	29.94	9.51	93.02	63.08	
5293	29.93	8.61	92.75	62.82	
5294	29.93	16.88	92.51	62.58	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
5295	30.56	137.48	92.23	61.67	
5296	29.69	1279.06	91.49	61.8	
5297	29.69	22.56	92.41	62.72	
5298	30.11	486.14	90.83	60.72	
5299	31.19	75.33	91.08	59.89	
5300	30.14	1008.88	90.73	60.59	
5301	30.5	114.65	90.79	60.29	
5302	32.36	10.4	89.53	57.17	
5303	33.77	58.25	89.45	55.68	
5304	32.03	36.57	89.42	57.39	
5305	32.09	4.61	89.42	57.33	
5306	32.12	16.76	89.42	57.3	
5307	32.09	5.74	89.42	57.33	
5308	32.04	19.15	89.27	57.23	
5309	31.94	15.22	89.1	57.16	
5310	32.02	213.51	89.04	57.02	
5311	36.61	15.4	89.45	52.84	
5312	31.98	10.21	89.42	57.44	
5313	32.19	8.5	89.33	57.14	
5314	32.66	88.33	89.42	56.76	
5315	32.01	35.24	89.19	57.18	
5316	39.76	10.58	95.21	55.45	
5317	36.19	36.46	95.27	59.08	
5318	39.51	69.77	95.61	56.1	
5319	42.54	46.11	96.45	53.91	
5320	42.79	16.35	96.31	53.52	
5321	39.28	16.53	95.68	56.4	
5322	37.21	14.39	95.83	58.62	
5323	37.76	364.55	95.74	57.98	
5324	36.47	34.79	95.66	59.19	
5325	40.07	40.06	95.76	55.69	
5326	36.83	35.18	95.27	58.44	
5327	36.9	27	95.44	58.54	
5328	49.52	20.45	95.58	46.06	
5329	54.15	17.45	95.88	41.73	
5330	37.29	12.18	95.46	58.17	
5331	42.24	16.62	95.58	53.34	
5332	36.99	27	95.46	58.47	
5333	38.41	27	95.47	57.06	
5334	38.83	18.83	95.46	56.63	
5335	39.08	13.54	95.37	56.29	
5336	41.29	11.73	95.46	54.17	
5337	39.08	27	95.37	56.29	
5338	39.08	16.73	95.45	56.37	
5339	39.39	12.33	95.36	55.97	
5340	40.07	27	95.36	55.29	
5341	39.54	25.04	95.36	55.82	
5342	41.68	231.43	95.92	54.24	
5343	57.26	12.13	95.76	38.5	
5344	61.06	17.27	95.76	34.7	
5345	59.69	84.24	95.91	36.22	
5346	62.66	149.66	95.76	33.1	
5347	44.62	27	95.62	51	
5348	49.15	85.87	95.63	46.48	
5349	51.7	67.89	95.88	44.18	
5350	51.28	14.67	95.89	44.61	
5351	47.24	10.65	95.72	48.48	
5352	53.24	8.63	95.91	42.67	
5353	54.14	69.93	95.87	41.73	
5354	53.3	13.55	95.91	42.61	
5355	54.93	4.09	95.91	40.98	
5356	55.94	14.98	95.91	39.97	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
5357	53.73	68.48	95.67	41.94	
5358	68.4	8.66	96	27.6	
5359	55.78	21.06	96	40.22	
5360	38.46	2419.33	95.27	56.81	
5361	37.08	65.03	95.27	58.19	
5362	37.18	12.28	95.66	58.48	
5363	38.61	67.89	95.27	56.66	
5364	41.22	184.47	95.76	54.54	
5365	54.55	1442.45	95.96	41.41	
5366	53.61	27.85	96.52	42.91	
5367	47.13	37.8	96.54	49.41	
5368	53.93	126.82	96.11	42.18	
5369	53.29	47.42	96.11	42.82	
5370	56.6	203.49	96.18	39.58	
5371	45.87	0.52	96.52	50.65	
5372	50.5	14.69	96.21	45.71	
5373	45.15	21.02	96.37	51.22	
5374	45.87	336.49	96.52	50.65	
5375	41.22	12.48	94.37	53.15	
5376	45.9	0	96.52	50.62	
5377	42.48	4.24	94.98	52.5	
5378	40.69	750.01	91.71	51.02	
5379	40.33	191.03	96.19	55.86	
5380	40.33	19.71	96.18	55.85	
5381	40.14	13.54	96.18	56.04	
5382	40.33	0	96.18	55.85	
5383	42.73	5.18	96.15	53.42	
5384	44.6	140.51	95.93	51.33	
5385	43.52	15.8	96.15	52.63	
5386	47.66	12.2	96.19	48.53	
5387	48.67	7.41	96.08	47.41	
5388	57.92	79.96	96.15	38.23	
5389	53.5	12.13	95.89	42.39	
5390	58.12	14.55	95.84	37.72	
5393	64.83	9.59	95.84	31.01	
5394	59.1	9.49	95.84	36.74	
5395	51.65	18.83	95.89	44.24	
5396	50.62	16.76	95.88	45.26	
5397	57.82	14.85	95.84	38.02	
5398	54.58	7.87	95.84	41.26	
5399	52.72	13.36	95.88	43.16	
5400	39.7	3.21	97.6	57.9	
5401	80.89	0.29	119.03	38.14	
5402	31.35	2.1	92.73	61.38	
5403	30.77	35.37	92.3	61.53	
5404	30.63	0	93.87	63.24	
5405	31.41	51.11	92.49	61.08	
5406	67.89	18.38	85.5	17.61	
5407	71.9	3.5	85.51	13.61	
5408	86.68	12.37	137.86	51.18	
5409	89.91	48.36	123.38	33.47	
5410	30.16	19.66	96.25	66.09	
5411	28.84	288.51	94.38	65.54	
5412	30.28	5.21	96.06	65.78	
5413	29.4	21.24	94.06	64.66	
5414	30.3	8.31	93.89	63.59	
5415	30.9	91.86	91.91	61.01	
5416	33.7	50.95	91.82	58.12	
5417	32.8	0.67	91.76	58.96	
5418	30.9	126.71	91.79	60.89	
5419	30.7	107.64	91.75	61.05	
5420	44.2	93.27	99.84	55.64	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
5421	44.44	10.17	100.04	55.6	
5422	44.58	61.37	100.05	55.47	
5423	42.12	6.3	100.04	57.92	
5424	42.21	14.32	100.04	57.83	
5425	44.72	50.95	100.04	55.32	
5426	44.29	34.87	100.04	55.75	
5427	44.55	16.27	100.04	55.49	
5428	44.78	61.01	100.03	55.25	
5429	42.36	16.92	100.03	57.67	
5430	42.3	11.13	100.03	57.73	
5431	46.79	29.6	100.04	53.25	
5432	200.43	0.98	289.46	89.03	
5433	190.74	0.32	289.43	98.69	
5434	99.06	42.34	128.02	28.96	
5435	95.23	0	108.3	13.07	
5436	65.73	5.52	93.98	28.25	
5437	65.73	0	93.98	28.25	
5438	63.66	74.79	94.45	30.79	
5439	64.25	0	94.27	30.02	
5440	62.15	20.07	94.36	32.21	
5441	68.37	1.71	94.29	25.92	
5442	67.07	27.03	94.32	27.25	
5443	63.07	7.29	94.32	31.25	
5444	59.73	55.08	94.31	34.58	
5445	60.64	15.74	94.29	33.65	
5446	59.59	36.48	94.29	34.7	
5447	101.05	0	166.68	65.63	
5448	101.05	48.49	166.68	65.63	
5449	90	49.92	166.67	76.67	
5450	79.4	36.62	163.11	83.71	
5451	85.8	60.8	163.14	77.34	
5452	83.9	24.09	163.13	79.23	
5453	89.8	2.02	163.15	73.35	
5454	86.8	109.43	163.14	76.34	
5455	86.5	77.59	163.15	76.65	
5456	85.9	69.25	162.94	77.04	
5457	85.7	29.78	162.91	77.21	
5458	99.2	49.23	163.19	63.99	
5459	93.5	27.13	163.17	69.67	
5460	95.4	19.96	163.19	67.79	
5461	84.65	42.66	162.68	78.03	
5462	75.16	9.26	98.4	23.24	
5463	93.29	38.11	162.69	69.4	
5464	85.22	20.04	162.89	77.67	
5465	89.8	15.38	163.16	73.36	
5466	46.34	30.85	94.98	48.64	
5467	57.57	43.65	94.97	37.4	
5468	55.27	20.24	95.09	39.82	
5469	58.93	22.86	94.95	36.02	
5470	53.29	15.01	95.12	41.83	
5471	52.24	6.58	94.54	42.3	
5472	64.41	34.68	93.95	29.54	
5473	79.18	1.23	93.97	14.79	
5474	69.56	49.05	93.56	24	
5475	75.5	0	93.68	18.18	
5476	63.24	226.61	94.64	31.4	
5477	60.36	45	94.64	34.28	
5478	52.83	0	94.76	41.93	
5479	52.83	6.54	94.73	41.9	
5480	51.75	0	94.82	43.07	
5481	51.47	0	94.82	43.35	
5482	41.73	23.97	97.52	55.79	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
5483	39.28	1662.77	95.64	56.36	
5484	39.28	29.05	95.68	56.4	
5485	78.87	7.1	119.03	40.16	
5487	72.69	97.63	99.29	26.6	
5488	56.92	2.46	98.39	41.47	
5489	59.57	18.04	98.43	38.86	
5490	59.94	23.26	98.43	38.49	
5491	54.18	48.68	94.65	40.47	
5492	53.45	0	94.73	41.28	
5493	59.53	76.47	94.27	34.74	
5494	58.08	18.83	94.26	36.18	
5495	71.49	0	168.72	97.23	
5496	72.11	0	168.72	96.61	
5497	76.41	21.45	131.39	54.98	
5498	81.48	0	131.42	49.94	
5499	78.74	54.83	131.38	52.64	
5500	80.13	0	131.41	51.28	
5501	86.19	0.33	131.37	45.18	
5502	85.86	0	131.39	45.53	
5503	81.93	0.93	108.86	26.93	
5504	186.89	36.58	238.38	51.49	
5505	212.7	17.18	238.37	25.67	
5506	195.63	34.7	238.24	42.61	
5507	201.33	7.12	238.37	37.04	
5508	188.29	1.3	238.37	50.08	
5509	192.82	7.23	238.37	45.55	
5510	180.2	2.58	238.38	58.18	
5511	181.65	42.25	238.39	56.74	
5512	58.87	85.83	94.38	35.51	
5513	59.46	0.9	94.31	34.85	
5514	61.4	46.64	94.3	32.9	
5515	63.45	147.99	94.26	30.81	
5516	64.74	9.44	94.13	29.39	
5517	65.77	17.85	94.06	28.29	
5518	66.14	71.83	94.02	27.88	
5519	66.3	0	94.07	27.77	
5520	66.93	0	94.07	27.14	
5521	66.14	0	94.02	27.88	
5522	69.83	3.91	93.32	23.49	
5523	67.47	23.75	93.32	25.85	
5524	67.47	55.3	93.32	25.85	
5525	68.21	98.93	92.99	24.78	
5526	68.17	0	93.31	25.14	
5527	68.46	3.79	92.4	23.94	
5528	70.6	4.92	92.23	21.63	
5529	57.42	1.23	97.29	39.87	
5530	57.12	0	95.62	38.5	
5531	60.13	30.68	95.69	35.56	
5532	57.42	34.66	95.45	38.03	
5533	56.62	0	95.33	38.71	
5534	57.1	0	95.22	38.12	
5535	70.45	26.26	139.68	69.23	
5536	67.45	50.26	139.45	72	
5537	69.43	31.32	139.41	69.98	
5538	69.22	21.67	139.33	70.11	
5539	68.43	0	97.57	29.14	
5540	79.22	0	136.19	56.97	
5541	58.94	10.5	94.28	35.34	
5542	59.73	9.35	94.28	34.55	
5543	89.3	20.21	127.79	38.49	
5544	66.27	0	93.87	27.6	
5545	66.64	0	116.89	50.25	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
5546	66.64	0	94.05	27.41	
5547	79.48	0.32	119.85	40.37	
5548	73.6	30.52	183.7	110.1	
5549	74.82	0	183.77	108.95	
5550	102.8	28.46	127.16	24.36	
5553	37.2	57.49	91.61	54.41	
5554	79.55	0	140.38	60.83	
5555	202.91	2.92	238.38	35.47	
5556	97.1	23.98	163.13	66.03	
5557	113.81	3.06	163.13	49.32	
5558	93.4	51.44	163.15	69.75	
5559	88.6	16.41	163.17	74.57	
5560	87.3	6.45	163.17	75.87	
5561	90.1	7.61	163.16	73.06	
5562	66.78	2.45	98.19	31.41	
5563	66.78	29.67	98.19	31.41	
5564	71.45	0	98.19	26.74	
5565	75.54	16.19	124.74	49.2	
5566	75.52	0.34	124.74	49.22	
5567	94.63	4.13	250.15	155.52	
5568	76.88	0.74	250.66	173.78	
5569	87.15	0	250.54	163.39	
5570	74.28	4.33	250.66	176.38	
5571	107.65	0	251.79	144.14	
5572	112.93	0	251.79	138.86	
5573	84.71	0	123.12	38.41	
5574	76.38	31.62	95	18.62	
5575	63.33	0	86.27	22.94	
5576	64.59	173.16	86.27	21.68	
5577	55.42	0	93.57	38.15	
5578	87.9	1807.33	118.96	31.06	
5579	84.12	33.53	138.82	54.7	
5580	90.11	0	138.84	48.73	
5582	90.31	70.99	123.38	33.06	
5583	31.44	0	95.56	64.12	
5584	42.22	177.62	97.15	54.93	
5585	43.62	0.71	99.08	55.46	
5586	42.56	19.35	99.05	56.49	
5587	56.76	2.75	98.88	42.12	
5588	87	12.35	117.54	30.54	
5589	89	54.18	168.81	79.81	
5590	74.64	20.14	100.3	25.66	
5591	72.51	5.06	100.14	27.63	
5592	78.68	5.75	138.37	59.69	
5593	68.48	0	138.49	70.01	
5594	66.86	32.85	95.62	28.76	
5595	92.72	39.9	126.86	34.14	
5596	73.93	46.43	110.7	36.77	
5597	75.65	0	115.99	40.34	
5598	64.91	0	96.97	32.06	
5599	42.11	10.06	95.05	52.94	
5600	50.57	0	100.93	50.36	
5601	56.61	0	98.91	42.3	
5602	60.74	0	98.48	37.74	
5603	49.4	2.68	97.82	48.42	
5604	48.54	593.22	97.51	48.97	
5605	55.5	0	95.21	39.71	
5606	55.05	0	95.2	40.15	
5607	64.62	0	95.29	30.67	
5608	64.62	0	95.29	30.67	
5609	57.1	0	95.29	38.19	
5610	58.63	0	95.4	36.77	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
5611	56.46	0	95.45	38.99	
5612	56.5	0	95.52	39.02	
5613	55.7	45.78	94.65	38.95	
5614	59.45	0	94.6	35.15	
5615	59.1	0	94.5	35.4	
5616	70.65	0	96.75	26.1	
5617	53.67	3.08	94.91	41.24	
5618	49.44	0	94.64	45.2	
5619	58.31	0	94.44	36.13	
5620	64.95	5.96	94.34	29.39	
5621	64.95	0	94.33	29.38	
5622	76.34	0	96.06	19.72	
5623	66.28	0.33	93.97	27.69	
5624	140.5	5.36	222.64	82.14	
5625	191.45	0	289.59	98.14	
5626	69.87	45.43	93.49	23.62	
5627	69.93	16.78	93.49	23.56	
5628	73.44	39.36	93.3	19.86	
5629	71.37	0	93.39	22.02	
5630	71.43	7.87	93.39	21.96	
5631	68.92	0	93.49	24.57	
5632	68.91	10.43	93.47	24.56	
5633	78.12	9.76	132.79	54.67	
5635	116.43	0	134.48	18.05	
5636	116.43	0	178.13	61.7	
5637	69.67	65.54	93.79	24.12	
5638	69.67	23.2	93.86	24.19	
5639	65.88	0	93.93	28.05	
5640	65.88	0	93.93	28.05	
5641	64.59	0	94.12	29.53	
5642	64.59	0	94.13	29.54	
5643	64.59	0	94.13	29.54	
5644	59.6	0	94.34	34.74	
5645	59.6	0	94.34	34.74	
5646	59.14	0	94.33	35.19	
5647	59.47	0	94.33	34.86	
5648	60.85	0	94.14	33.29	
5649	60.85	2.46	94.14	33.29	
5650	62.73	10.13	94.11	31.38	
5651	59.44	0	94.35	34.91	
5652	58.73	35.15	94.35	35.62	
5653	59.44	0	94.09	34.65	
5654	59.44	0	94.35	34.91	
5655	66.11	61.45	94.34	28.23	
5656	164.26	33.5	169.2	4.94	
5657	146.44	0	169.17	22.73	
5658	146.44	0	208.02	61.58	
5659	59.33	38.92	94.31	34.98	
5660	53.91	5.43	94.34	40.43	
5661	61.81	10.94	94.35	32.54	
5662	59.21	0	94.37	35.16	
5663	58.89	109.18	94.37	35.48	
5664	59.89	57.01	94.36	34.47	
5665	57.25	23.93	94.41	37.16	
5666	57.25	0	94.43	37.18	
5667	57.37	29.78	94.4	37.03	
5668	56.51	0	94.46	37.95	
5669	59.34	98.18	94.27	34.93	
5670	56.51	1.64	94.47	37.96	
5671	57.28	6.1	94.29	37.01	
5672	56.08	6.56	94.34	38.26	
5673	56.09	4.1	94.35	38.26	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
5674	53.64	0	94.79	41.15	
5675	47.93	10.21	95.65	47.72	
5676	48.1	8.29	95.61	47.51	
5677	44.86	0	95.88	51.02	
5678	44.86	0	95.88	51.02	
5679	45.12	28.58	96.09	50.97	
5680	41.4	0	100.18	58.78	
5681	40.82	0	100.83	60.01	
5682	40.83	0	100.83	60	
5683	46.6	55.05	95.43	48.83	
5684	48.3	0	95.43	47.13	
5685	45.42	200.12	95.17	49.75	
5686	46.29	16.16	95.18	48.89	
5687	47.48	0	95.19	47.71	
5688	47.38	5.96	95.23	47.85	
5689	47.66	0	95.41	47.75	
5690	48.63	8.34	95.21	46.58	
5691	48.68	0	95.23	46.55	
5692	54.55	0	94.68	40.13	
5693	54.55	3.99	94.68	40.13	
5694	67.75	0	94.64	26.89	
5695	59.75	97.76	94.63	34.88	
5696	70.9	0	94.63	23.73	
5697	67.23	878.32	93.94	26.71	
5698	67.23	89.91	93.96	26.73	
5699	66.76	88.28	93.96	27.2	
5700	66.76	45.97	93.96	27.2	
5701	54.05	9.62	93.99	39.94	
5702	53.72	0	93.99	40.27	
5703	55.94	4.28	93.97	38.03	
5704	55.64	1272.32	94.19	38.55	
5705	65.91	440.45	94.53	28.62	
5706	52.25	30.22	94.54	42.29	
5707	46.91	135.87	94.37	47.46	
5708	55.52	36.1	94.37	38.85	
5709	56.17	2118.27	92.74	36.57	
5710	45.45	172.22	94.25	48.8	
5711	53.9	34.79	98.77	44.87	
5712	53.49	62.52	98.73	45.24	
5713	53.32	0	99.24	45.92	
5714	57.56	247.01	99.02	41.46	
5715	47.84	21.32	99.8	51.96	
5716	57.76	0	98.51	40.75	
5717	56.29	24.94	98.65	42.36	
5718	62.89	404.43	98.19	35.3	
5719	60.38	5.4	98.19	37.81	
5720	62.92	109.4	98.19	35.27	
5721	63.67	21.03	98.19	34.52	
5722	63.24	2.94	98.19	34.95	
5723	64.43	7.3	98.19	33.76	
5724	65.58	3.83	98.19	32.61	
5725	60.94	1.22	98.15	37.21	
5726	80.23	45.08	98.05	17.82	
5727	72.12	4.76	98.11	25.99	
5728	63.51	7.28	98.15	34.64	
5729	61.29	4.01	98.19	36.9	
5730	56.15	0.94	93.41	37.26	
5731	59	7.24	93.41	34.41	
5732	58.17	2.83	98.37	40.2	
5733	57.8	0.43	98.45	40.65	
5734	59.66	1.9	98.49	38.83	
5735	75.12	29.91	85.56	10.44	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
5736	73.27	2.49	85.52	12.25	
5737	64.1	19.55	85.86	21.76	
5738	66.94	4.08	85.86	18.92	
5739	59.55	0	86.94	27.39	
5740	59.55	0	86.92	27.37	
5741	59.61	0	86.92	27.31	
5742	59.51	0	86.9	27.39	
5743	60.15	40.74	86.76	26.61	
5744	66.57	85.75	87.43	20.86	
5745	59.09	0	87.47	28.38	
5746	69.29	34.52	87.61	18.32	
5747	58.25	61.46	87.62	29.37	
5748	85.05	50.29	134.75	49.7	
5749	62.52	75.97	134.75	72.23	
5750	67.82	0.31	134.75	66.93	
5751	65.23	281.79	134.78	69.55	
5752	66.86	0	99.27	32.41	
5753	61.23	202.04	99.19	37.96	
5754	71.55	19.14	99.26	27.71	
5755	67.22	0	99.27	32.05	
5756	57.47	21.99	99.34	41.87	
5757	57.47	0	99.36	41.89	
5758	56.8	67.36	99.33	42.53	
5759	56.69	0	99.43	42.74	
5760	52.69	16.33	99.26	46.57	
5761	53.12	18.43	99.26	46.14	
5762	54.21	12.3	99.31	45.1	
5763	55.91	13.76	99.33	43.42	
5764	54.24	181.02	99.48	45.24	
5765	50.91	268.61	99.26	48.35	
5766	45.29	22.18	99.61	54.32	
5767	45.29	0	99.61	54.32	
5768	45.64	99.4	98.61	52.97	
5769	45.42	0	98.91	53.49	
5770	46.58	238.69	98.27	51.69	
5771	46.58	97.3	98.28	51.7	
5772	54.54	0	97.63	43.09	
5773	54.28	1495.54	97.19	42.91	
5774	56.16	619.03	97.63	41.47	
5775	56.5	656.56	97.64	41.14	
5776	58.37	43.44	97.63	39.26	
5777	48.25	145.73	101.74	53.49	
5778	47.48	0	101.7	54.22	
5779	83.1	9.71	100.25	17.15	
5780	57.65	13.92	101.46	43.81	
5781	56.35	19.18	101.17	44.82	
5782	70.72	67.7	102.41	31.69	
5783	72.58	0	102.38	29.8	
5784	80.47	13.24	103.98	23.51	
5785	81.3	0	103.98	22.68	
5786	87.06	0	103.98	16.92	
5787	78.61	494.42	97.49	18.88	
5788	68.56	65.07	97.41	28.85	
5789	64.51	1085.52	97.41	32.9	
5790	87.34	115.4	105.21	17.87	
5791	70.42	19.77	105.16	34.74	
5792	45.83	39.62	97.62	51.79	
5793	46.13	41.66	97.58	51.45	
5794	45.96	0	97.58	51.62	
5795	42.72	1413.43	95.92	53.2	
5796	42.69	73.48	96.08	53.39	
5797	43.12	0	96.94	53.82	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
5798	43.12	1.13	96.94	53.82	
5799	41.88	78.08	99.54	57.66	
5800	41.82	0	99.72	57.9	
5801	41.82	24.62	99.72	57.9	
5802	41.82	0	99.72	57.9	
5803	62.82	804.67	97.16	34.34	
5804	62.49	5.46	97.13	34.64	
5805	49.31	1072.38	96.72	47.41	
5806	48.7	924	96.73	48.03	
5807	43.62	2058.99	90.95	47.33	
5808	43.84	0	97.59	53.75	
5809	43.84	684.28	97.59	53.75	
5810	41.85	0	93.68	51.83	
5811	40.17	99.71	95.07	54.9	
5812	40.6	808.46	96.96	56.36	
5813	39.56	853.89	97.15	57.59	
5814	39.65	804.67	97.29	57.64	
5815	37.44	2286.85	97.6	60.16	
5816	43.41	0	97.59	54.18	
5817	35.82	0	98.02	62.2	
5818	40.24	0	98.19	57.95	
5819	33.57	70.62	92.17	58.6	
5820	33.62	42.19	92.14	58.52	
5821	33.16	42.17	99.7	66.54	
5822	64.76	14.71	91.98	27.22	
5823	63.4	34.31	92.84	29.44	
5824	50.9	31.02	93.41	42.51	
5825	55.85	16.36	93.4	37.55	
5826	69.3	18.69	98.78	29.48	
5827	69.14	20.7	98.8	29.66	
5828	46.67	143.05	94.61	47.94	
5829	65.06	98.94	94.48	29.42	
5830	68.52	93.82	94.4	25.88	
5831	59.19	17.13	94.63	35.44	
5832	64.71	37.23	94.63	29.92	
5833	64.71	34.07	94.62	29.91	
5834	59.92	68.48	94.63	34.71	
5835	61.55	77	94.64	33.09	
5836	53.1	23.09	94.74	41.64	
5837	52.57	47.48	94.74	42.17	
5838	50.46	16.82	94.66	44.2	
5839	50.35	18.66	94.65	44.3	
5840	51.77	70.42	94.65	42.88	
5841	53.18	174.68	94.63	41.45	
5842	58.53	51.84	94.63	36.1	
5843	61.41	11.18	94.64	33.23	
5844	60.36	54.22	94.65	34.29	
5845	61.41	51.99	94.62	33.21	
5846	58.24	14.15	94.67	36.43	
5847	59.43	33.01	94.64	35.21	
5848	59.59	14.18	94.64	35.05	
5849	58.45	91.57	94.63	36.18	
5850	52.18	25.02	94.65	42.47	
5851	51.1	28.8	94.66	43.56	
5852	56.55	16.41	94.66	38.11	
5853	50.46	21.08	94.69	44.23	
5854	53.08	33.14	94.68	41.6	
5855	56.1	10.33	94.69	38.59	
5856	51.29	143.42	94.66	43.37	
5857	52.2	102.71	94.66	42.46	
5858	52.62	62.22	94.65	42.03	
5859	52.26	37.15	94.64	42.38	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
5860	56.5	96.95	94.67	38.17	
5861	58.24	17.35	94.67	36.43	
5862	57.47	38.61	94.66	37.19	
5863	98.6	339.15	139.11	40.51	
5865	92.78	129.62	133.76	40.98	
5866	69.54	0	94.3	24.76	
5867	64.88	80.06	94.26	29.38	
5868	58.87	0	94.39	35.52	
5869	58.87	0	94.39	35.52	
5870	80.23	0	122.52	42.29	
5871	67.28	10.69	122.14	54.86	
5872	110.22	437.67	193.43	83.21	
5873	75.23	0	85.53	10.3	
5874	42.08	13.84	99.54	57.46	
5875	83.52	29.13	102.16	18.64	
5876	64.21	37.77	99.79	35.58	
5877	59.55	20.66	94.27	34.72	
5878	67.83	38.15	168.71	100.88	
5879	77.34	67.33	168.76	91.42	
5880	81.29	40.98	166.54	85.25	
5881	94.79	12.84	163.05	68.26	
5882	67.7	23.33	98.59	30.89	
5883	61.46	135.94	111.11	49.65	
5884	60.48	10.25	94.16	33.68	
5885	62.38	14.96	94.14	31.76	
5886	69.87	80.71	133.26	63.39	
5887	89.92	116.24	131.29	41.37	
5888	73.72	114.36	94.05	20.33	
5889	76.05	29.92	111.08	35.03	
5890	110.52	4.84	181.57	71.05	
5891	100.97	20.21	181.56	80.59	
5892	54.19	5.74	98.96	44.77	
5893	57.86	12.78	99.77	41.91	
5894	84.51	67.69	131.34	46.83	
5895	95.92	8.27	131.4	35.48	
5896	80.88	7.16	133.26	52.38	
5897	78.24	23.46	133.26	55.02	
5898	74.76	70.14	132.8	58.04	
5899	75.94	11.88	132.79	56.85	
5900	78.12	76	132.79	54.67	
5901	76.14	96.45	132.79	56.65	
5902	87.86	114.58	132.54	44.68	
5903	70.68	7.63	132.21	61.53	
5904	70.05	86.27	93.6	23.55	
5905	75.51	3.77	131.15	55.64	
5906	79.36	9.19	131.16	51.8	
5907	94.56	18.21	131.14	36.58	
5908	68.52	30.85	93.61	25.09	
5909	68.2	43.22	93.61	25.41	
5910	73.53	35.32	93.55	20.02	
5911	73.4	16.47	132.93	59.53	
5912	73.53	5.36	93.57	20.04	
5913	72.7	8.23	133.3	60.6	
5914	74.25	0	93.55	19.3	
5915	74.25	5.79	93.55	19.3	
5916	73.63	22.37	133.37	59.74	
5917	70.54	45.26	93.53	22.99	
5918	70.88	65.86	133.27	62.39	
5919	70.59	25.79	93.52	22.93	
5920	72.45	34.16	133.26	60.81	
5921	69.89	52.48	93.51	23.62	
5922	70.88	32.65	133.26	62.38	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
5923	69.37	16.52	93.5	24.13	
5924	69.19	37.58	93.49	24.3	
5925	70.71	247.37	131.07	60.36	
5926	78.05	22.86	131.63	53.58	
5927	68.85	10.74	93.95	25.1	
5928	77.4	13.26	131.66	54.26	
5929	77.4	0	131.66	54.26	
5930	75.23	78.38	93.98	18.75	
5931	68.12	31.9	93.98	25.86	
5932	67.55	29.34	93.99	26.44	
5933	76.72	30.15	131.54	54.82	
5934	84.92	26.5	131.48	46.56	
5935	66.66	34.66	94.02	27.36	
5936	68.52	5.79	94.02	25.5	
5937	69.58	4.92	131.45	61.87	
5938	68.52	0	131.5	62.98	
5939	70.34	49.17	131.42	61.08	
5940	66.38	18.61	131.41	65.03	
5941	85.08	21.97	131.41	46.33	
5942	65.52	70.85	94.03	28.51	
5943	76.37	7.37	94.11	17.74	
5944	83.76	30.05	131.37	47.61	
5945	68.11	20.51	131.4	63.29	
5946	67.06	3.45	94.15	27.09	
5947	72.5	51.03	111.1	38.6	
5948	66.38	10.87	94.15	27.77	
5949	64.34	22.53	94.15	29.81	
5950	72.75	25.06	111.13	38.38	
5951	66.62	3.02	111.14	44.52	
5952	64.48	6.21	111.14	46.66	
5953	64.13	4.5	94.16	30.03	
5954	64.13	12.67	94.15	30.02	
5955	75.13	24.23	111.16	36.03	
5956	66.26	19.65	94.09	27.83	
5957	72.05	13.82	111.16	39.11	
5958	65.37	15.56	94.08	28.71	
5959	69.27	9.46	111.18	41.91	
5960	69.42	5.5	111.18	41.76	
5961	65.43	19.99	94.08	28.65	
5962	65.61	31.67	111.12	45.51	
5963	62.78	0	94.08	31.3	
5964	61.9	4.61	94.08	32.18	
5965	65.06	18.99	111.11	46.05	
5966	62.29	17.02	111.11	48.82	
5967	61.28	6.51	94.13	32.85	
5968	61.37	149.17	111.11	49.74	
5969	61.13	22.52	111.11	49.98	
5970	62.73	7.63	94.11	31.38	
5971	64.05	28.41	94.06	30.01	
5972	65.05	0	94.04	28.99	
5973	65.72	47.96	93.99	28.27	
5974	65.93	5.83	93.95	28.02	
5975	65.88	5.84	93.93	28.05	
5977	71.83	57.98	100.95	29.12	
5978	69.81	35.02	100.94	31.13	
5979	69.2	7.32	100.94	31.74	
5980	66.5	55.94	100.95	34.45	
5981	74.55	27.92	101.01	26.46	
5982	100.76	209.05	166.53	65.77	
5983	88.39	5.01	166.71	78.32	
5984	87.92	25.99	166.71	78.79	
5985	86.31	3.19	166.71	80.4	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
5986	79.86	2.94	98.93	19.07	
5987	85.5	29.15	166.71	81.21	
5988	83.66	8.37	166.71	83.05	
5989	82.05	22.96	166.71	84.66	
5990	80.66	25.46	166.71	86.05	
5991	78.88	14.27	167.39	88.51	
5992	80.24	0	98.93	18.69	
5993	81.11	31.91	167.44	86.33	
5994	94.78	11.72	163.05	68.27	
5995	91.33	5.38	166.53	75.2	
5996	95.74	8.32	166.53	70.79	
5997	83.37	6.75	166.53	83.16	
5998	77.34	3.21	168.73	91.39	
5999	81.34	8.84	168.27	86.93	
6000	84.79	16.39	94.33	9.54	
6001	86.15	55.68	168.08	81.93	
6002	96.39	97.27	168.03	71.64	
6004	152.56	0.3	169.2	16.64	
6005	120.73	8.72	168.08	47.35	
6006	81.26	5.85	168.27	87.01	
6007	78.2	44.36	168.44	90.24	
6008	77.34	8.6	168.54	91.2	
6009	76.9	30.08	168.51	91.61	
6010	75.31	71.04	168.51	93.2	
6011	90.71	60.06	168.37	77.66	
6012	84.38	32.41	168.09	83.71	
6013	78.88	92.21	167.17	88.29	
6014	83.66	84.25	166.74	83.08	
6015	93.37	66.46	166.71	73.34	
6016	85.52	19.11	168.72	83.2	
6017	64.25	0	94.45	30.2	
6018	69.37	11.06	94.29	24.92	
6019	71.49	31.56	168.72	97.23	
6020	73.05	39.26	168.72	95.67	
6021	72.44	33.68	168.71	96.27	
6022	64.85	0	94.46	29.61	
6023	64.47	0	168.5	104.03	
6024	74.4	5.84	94.26	19.86	
6025	64.91	0	168.41	103.5	
6026	66.17	3.91	167.49	101.32	
6027	84.63	6.45	167.44	82.81	
6028	84.63	0	167.49	82.86	
6029	91.63	55.5	168.11	76.48	
6030	78.23	8.27	167.49	89.26	
6031	60.73	13.64	94.27	33.54	
6032	60.61	11.85	94.27	33.66	
6033	60.69	0	94.27	33.58	
6034	62.06	6.01	94.27	32.21	
6035	60.08	63.07	94.26	34.18	
6036	60.07	19.32	94.26	34.19	
6037	56.81	51.58	99.32	42.51	
6038	54.15	60.14	98.69	44.54	
6039	59.8	2.41	98.61	38.81	
6040	59.26	8.82	98.39	39.13	
6041	54.4	67.36	98.12	43.72	
6042	48.54	80.12	98.08	49.54	
6043	49.24	2.09	97.96	48.72	
6044	48.22	11.65	98.05	49.83	
6045	48.37	3.61	98.09	49.72	
6046	47.59	29.06	98.19	50.6	
6047	47.57	18.43	98.25	50.68	
6048	47.03	218.87	97.91	50.88	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
6049	44.7	0	100.92	56.22	
6050	45.55	34.95	97.85	52.3	
6051	50.3	102.51	97.87	47.57	
6052	63.48	100.91	97.86	34.38	
6053	63.48	71.76	101.98	38.5	
6054	74.43	134.7	97.93	23.5	
6055	70.5	70.31	98.09	27.59	
6056	63.94	242.7	98.65	34.71	
6057	72.12	28.67	98.65	26.53	
6058	77.81	227.55	98.67	20.86	
6059	67.77	32.46	98.72	30.95	
6060	62.66	21.6	98.72	36.06	
6061	60.8	28.92	98.72	37.92	
6062	70.06	7.53	98.64	28.58	
6063	64.62	61.37	98.6	33.98	
6064	61.66	30	98.62	36.96	
6065	63.35	7.18	98.6	35.25	
6066	58.31	32.6	98.5	40.19	
6067	67.55	47.78	98.45	30.9	
6068	68.22	9.61	98.44	30.22	
6069	63.46	77.9	98.42	34.96	
6070	54.37	9.96	98.64	44.27	
6071	54.54	17.47	98.62	44.08	
6072	54.43	22.44	98.6	44.17	
6073	54.43	27.81	98.6	44.17	
6074	54.66	26.54	98.54	43.88	
6075	55.43	21.32	98.54	43.11	
6076	55.52	0	98.54	43.02	
6077	55.66	0	98.54	42.88	
6078	55.66	43.88	98.63	42.97	
6079	58.31	66.92	98.54	40.23	
6080	56.07	14.38	98.51	42.44	
6081	56.07	46.15	98.52	42.45	
6082	62.51	19.52	98.54	36.03	
6083	61.39	60.34	98.53	37.14	
6084	63.76	8.62	98.53	34.77	
6085	64.94	14.42	98.53	33.59	
6086	66.62	19.91	98.53	31.91	
6087	89.43	253.36	133.95	44.52	
6088	70.62	0	98.51	27.89	
6089	70.43	0	98.5	28.07	
6090	69.78	0	135.13	65.35	
6091	69.52	210.35	98.49	28.97	
6092	84.46	219.35	96.98	12.52	
6093	84.74	21.22	135.01	50.27	
6094	84.65	35.83	135	50.35	
6095	88.94	58.92	135.09	46.15	
6096	83.24	57.99	135.12	51.88	
6097	97.12	25.43	135.07	37.95	
6098	97.8	25.21	135.07	37.27	
6099	87.71	1.8	98.46	10.75	
6100	98.38	23.39	135.07	36.69	
6101	99.12	23.95	135.06	35.94	
6102	97.22	47.34	135.05	37.83	
6103	69.78	0	135.13	65.35	
6104	80.91	112.08	133.95	53.04	
6105	75.13	7.05	133.95	58.82	
6106	55.66	0	133.95	78.29	
6107	76.39	15.46	133.95	57.56	
6108	58.5	34.57	133.96	75.46	
6109	74.47	31.11	134.04	59.57	
6110	74.91	35.89	134.01	59.1	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
6111	74.91	20.63	133.96	59.05	
6112	89.86	82.87	138.88	49.02	
6113	88.4	304.62	138.69	50.29	
6114	82.21	100.36	138.72	56.51	
6115	83.11	52.71	98.98	15.87	
6116	83.79	50.35	134.14	50.35	
6117	73.6	105.97	99.1	25.5	
6118	75.11	83.99	99.13	24.02	
6119	75.5	67.77	133.98	58.48	
6120	77.62	16.6	135.73	58.11	
6121	78.61	121.73	135.72	57.11	
6122	77.36	53.81	99.19	21.83	
6123	72.38	64.35	99.22	26.84	
6124	72.63	76.63	136.61	63.98	
6125	68.45	118.18	99.25	30.8	
6126	83.88	17.53	137.26	53.38	
6127	79.28	22.6	99.3	20.02	
6128	73.91	0	99.19	25.28	
6129	87.86	90.93	137.15	49.29	
6130	84.63	126.12	135.01	50.38	
6131	75.66	72.29	99.37	23.71	
6132	78.82	47.86	99.39	20.57	
6133	72.45	50.35	99.44	26.99	
6134	77.72	19.37	135.01	57.29	
6135	68.91	2.16	99.01	30.1	
6136	70.69	5.24	99.23	28.54	
6137	74.12	87.25	99.24	25.12	
6138	74.2	57.96	99.25	25.05	
6139	73.83	52.13	99.28	25.45	
6140	68.31	0	99.31	31	
6141	68.31	53.46	99.31	31	
6142	75.17	0	99.36	24.19	
6143	64.91	23.72	99.52	34.61	
6144	58.79	180.43	99.13	40.34	
6145	64.45	50.6	99.58	35.13	
6146	62.19	202	105.06	42.87	
6147	68.44	94.41	103.06	34.62	
6148	86.59	27.65	104.54	17.95	
6149	86.13	0	104.61	18.48	
6150	83.82	13.17	104.7	20.88	
6151	84.14	61.61	104.57	20.43	
6152	83.52	34.99	102.35	18.83	
6153	40.84	1342.05	97.34	56.5	
6154	53.73	26	97.98	44.25	
6155	57.01	30.03	98.35	41.34	
6156	49.12	45.84	98.99	49.87	
6157	47.5	32.74	93.66	46.16	
6158	61.82	40.23	86.29	24.47	
6159	64.29	43.24	86.29	22	
6160	68.86	71.83	86.29	17.43	
6161	71.16	1894.04	86.29	15.13	
6162	66.22	2177.94	86.38	20.16	
6163	65.1	0	86.1	21	
6164	65.1	0	86.1	21	
6165	75.52	0	122.4	46.88	
6166	78.51	1.52	122.39	43.88	
6167	79.78	0.12	122.39	42.61	
6168	80.92	5.67	122.39	41.47	
6169	82.42	0	122.39	39.97	
6170	84.07	11.55	122.39	38.32	
6171	80.97	5.25	122.39	41.42	
6172	80.94	22.68	122.38	41.44	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
6173	82.35	15.25	122.38	40.03	
6174	82.24	4.82	122.38	40.14	
6175	86.36	0.27	122.38	36.02	
6176	85.87	0.27	122.38	36.51	
6177	86.18	0.27	122.38	36.2	
6178	84.35	2.7	122.39	38.04	
6179	86.32	3.13	122.39	36.07	
6180	86.12	10.2	122.39	36.27	
6181	85.49	6.23	122.39	36.9	
6182	85.13	3.42	122.39	37.26	
6183	86.92	9.11	122.39	35.47	
6184	85.11	18.38	122.39	37.28	
6185	67.92	0	85.49	17.57	
6186	68.06	0	85.49	17.43	
6187	68.94	0	85.5	16.56	
6188	69.23	0	85.52	16.29	
6189	71.61	69.71	122.52	50.91	
6190	95.45	165.95	122.59	27.14	
6191	86.37	0.86	122.82	36.45	
6192	86.37	0	166.07	79.7	
6193	81.22	0	122.76	41.54	
6194	66.34	0	86.1	19.76	
6195	63.8	4.6	85.99	22.19	
6196	64.71	30.83	85.99	21.28	
6197	64.7	24.05	85.99	21.29	
6198	64.92	1184.5	85.99	21.07	
6199	64.93	5.53	86.01	21.08	
6200	59.1	0	87.37	28.27	
6201	58.89	0	87.47	28.58	
6202	65.14	3.25	86.66	21.52	
6203	65.61	25.64	86.68	21.07	
6204	62.29	49.49	86.68	24.39	
6205	60.76	49.47	86.33	25.57	
6206	61.32	27.83	86.3	24.98	
6207	62.17	20.26	86.26	24.09	
6208	63.21	59.55	86.22	23.01	
6209	63.3	83.1	86.21	22.91	
6210	70.86	20.43	193.42	122.56	
6211	112.36	254.24	193.41	81.05	
6212	116.59	19.71	193.4	76.81	
6213	110.22	0	193.43	83.21	
6214	61.41	85.23	94.64	33.23	
6215	61.26	43.43	94.64	33.38	
6216	58.74	69.11	94.66	35.92	
6217	58.25	16.76	94.67	36.42	
6218	57.06	8.72	94.67	37.61	
6219	57.56	57.51	94.67	37.11	
6220	61.66	8.63	94.63	32.97	
6221	71.36	70.81	93.32	21.96	
6222	77.44	3.47	193.42	115.98	
6223	74.2	10.25	93.41	19.21	
6224	71.47	27.85	93.37	21.9	
6225	72.79	25.34	93.41	20.62	
6226	73.1	11.18	93.41	20.31	
6227	70.94	7.06	93.42	22.48	
6228	76.46	40.47	193.42	116.96	
6229	69.46	86.63	93.43	23.97	
6230	69.93	6.76	194.22	124.29	
6231	61.26	0	94.4	33.14	
6232	107.65	0	251.79	144.14	
6233	112.93	0	251.79	138.86	
6234	79.63	2.15	124.74	45.11	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
6235	60.05	0.89	94.27	34.22	
6236	60.25	33.21	94.27	34.02	
6237	59.22	3.97	94.27	35.05	
6238	58.1	33.53	94.26	36.16	
6239	59.22	3.43	94.27	35.05	
6240	39.77	1609.34	97.58	57.81	
6241	39.97	9.8	96.34	56.37	
6242	51.27	116.96	99.29	48.02	
6243	51.24	38.4	99.23	47.99	
6244	73.53	24.81	87.73	14.2	
6245	74.19	40.81	87.71	13.52	
6246	73.42	0	250.52	177.1	
6247	73.66	0	250.52	176.86	
6248	39.88	541.54	95.06	55.18	
6249	76.91	1044.81	90.24	13.33	
6250	82.14	20.05	131.53	49.39	
6251	47.49	69.23	95.52	48.03	
6252	51.66	14.49	99.04	47.38	
6253	57.52	62.75	99.41	41.89	
6254	80.46	58.28	123.37	42.91	
6255	79.53	44.75	123.37	43.84	
6256	68.94	16.09	123.35	54.41	
6257	78.33	47.04	123.37	45.04	
6258	83.62	45.01	137.86	54.24	
6259	86.31	45.41	137.99	51.68	
6260	79.55	85.86	138.33	58.78	
6261	95.62	84.1	138.42	42.8	
6262	97.5	70.86	138.56	41.06	
6263	79.39	0	138.83	59.44	
6264	80.33	0	138.84	58.51	
6265	76.11	84.02	138.82	62.71	
6266	79.25	12.02	138.82	59.57	
6267	80.19	44.51	138.83	58.64	
6268	95.62	0	138.33	42.71	
6269	84.58	12.12	138.01	53.43	
6270	83.29	2.99	138.33	55.04	
6271	84.66	0	118.98	34.32	
6272	74.6	3.37	85.58	10.98	
6273	65.47	54.21	87.73	22.26	
6274	64.29	25.29	87.73	23.44	
6275	66.13	58.74	87.73	21.6	
6276	65.05	0	87.73	22.68	
6277	71.4	25.78	87.73	16.33	
6278	71.48	76.9	87.72	16.24	
6279	72.58	50.06	87.71	15.13	
6280	69.1	73.31	87.71	18.61	
6281	70.68	29.13	87.71	17.03	
6282	72.35	32.88	87.71	15.36	
6283	69.16	68.5	87.71	18.55	
6284	70.19	51.31	87.72	17.53	
6285	74.65	68.41	88.08	13.43	
6286	77.88	28.39	87.83	9.95	
6287	74.57	23.48	87.76	13.19	
6288	77.79	8.46	87.75	9.96	
6289	76.47	26.39	87.74	11.27	
6290	75.17	10.78	87.76	12.59	
6291	78.8	26.74	87.77	8.97	
6292	78.2	2.33	87.75	9.55	
6293	79.58	32.91	87.75	8.17	
6294	78.51	15.32	87.74	9.23	
6295	79.34	18.83	87.74	8.4	
6296	76.12	21.32	87.74	11.62	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
6297	77.1	25.78	87.74	10.64	
6298	75.55	40.96	87.74	12.19	
6299	75.08	6.3	87.73	12.65	
6300	74.22	17.31	87.73	13.51	
6301	78.85	12.04	87.73	8.88	
6302	76.64	4.8	87.73	11.09	
6303	74.95	14.19	87.71	12.76	
6304	76.55	24.52	87.72	11.17	
6305	77.56	49.97	87.72	10.16	
6306	72.6	38.03	87.71	15.11	
6307	71.76	40.78	87.7	15.94	
6308	70.85	206	87.7	16.85	
6309	67.79	21.07	87.7	19.91	
6310	73.28	80.17	87.7	14.42	
6311	61.1	428.39	87.98	26.88	
6312	61.32	68.41	87.77	26.45	
6313	60.71	37.4	87.78	27.07	
6314	58.75	122.58	87.91	29.16	
6315	55.46	18.04	88.26	32.8	
6316	52.74	0.24	88.58	35.84	
6317	70.5	2061.91	108.38	37.88	
6318	66.31	9.35	121.69	55.38	
6319	59.48	0	122.04	62.56	
6320	82.89	0.23	122.39	39.5	
6321	82.43	5.11	122.39	39.96	
6322	83.13	2.23	122.39	39.26	
6323	83.67	49.33	122.39	38.72	
6324	82.66	3.13	122.39	39.73	
6325	82.06	28.77	122.39	40.33	
6326	83.51	19.82	122.38	38.87	
6327	76.66	32.57	85.76	9.1	
6328	77.13	28.77	85.77	8.64	
6329	77.45	0.29	85.72	8.27	
6330	77.45	0.6	85.72	8.27	
6331	78.24	34.53	85.71	7.47	
6332	80.08	1.05	85.78	5.7	
6333	82.42	11.55	85.83	3.41	
6334	75.1	14.92	85.72	10.62	
6335	82.58	0.63	85.81	3.23	
6336	75.44	23.38	85.72	10.28	
6337	82.84	4.53	85.79	2.95	
6338	76.75	6.46	85.72	8.97	
6339	72.43	4.47	85.59	13.16	
6340	74.3	3.4	85.64	11.34	
6341	75.43	8.7	85.68	10.25	
6342	82.84	25.3	85.81	2.97	
6343	82.42	3.08	85.83	3.41	
6344	80.44	15.88	85.82	5.38	
6345	80.44	3.29	85.82	5.38	
6346	81.89	3.5	85.84	3.95	
6347	79.29	36.54	85.85	6.56	
6348	80.87	3.5	85.87	5	
6349	80.68	1.98	85.88	5.2	
6350	79.47	18.71	85.89	6.42	
6351	73.83	11.58	85.9	12.07	
6352	78.24	52.71	85.89	7.65	
6353	73.71	2.04	85.91	12.2	
6354	79.66	9.95	85.83	6.17	
6355	74.66	47.9	85.82	11.16	
6356	73.88	2.63	85.86	11.98	
6357	74.92	9.34	85.81	10.89	
6358	75.96	0	85.77	9.81	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
6359	70.69	20.7	85.86	15.17	
6360	70.68	12.92	85.91	15.23	
6361	70.72	10.33	85.93	15.21	
6362	69.9	20.47	85.93	16.03	
6363	74.52	4.38	85.57	11.05	
6364	72.74	12	85.6	12.86	
6365	76.73	0.13	85.59	8.86	
6366	74.16	11.79	85.63	11.47	
6367	76.48	1.77	85.62	9.14	
6368	75.96	5.29	85.67	9.71	
6369	75.73	3.58	85.6	9.87	
6370	74.39	3.71	85.58	11.19	
6371	70.69	2.83	85.58	14.89	
6372	68.53	35.46	85.56	17.03	
6373	72.74	8.03	85.6	12.86	
6374	70.43	11.22	85.58	15.15	
6375	69.11	0.77	85.56	16.45	
6376	65.64	2.02	85.55	19.91	
6377	73.45	11.25	85.57	12.12	
6378	70.77	1.75	85.57	14.8	
6379	69.96	16.17	85.54	15.58	
6380	68.41	0.43	85.54	17.13	
6381	70.58	1.25	85.54	14.96	
6382	68.41	8.03	85.53	17.12	
6383	71.79	2.14	85.54	13.75	
6384	74.52	13.15	85.54	11.02	
6385	71.69	3.18	85.5	13.81	
6386	65.93	1.79	85.5	19.57	
6387	74.8	4.02	85.51	10.71	
6388	70.1	59.38	85.98	15.88	
6389	69.2	19.82	85.52	16.32	
6390	68.78	10.25	85.53	16.75	
6391	69.06	14.04	85.52	16.46	
6392	68.84	18.19	85.51	16.67	
6393	68.48	9.61	85.52	17.04	
6394	68.48	3.56	85.51	17.03	
6395	68.76	17.07	85.51	16.75	
6396	68.44	11.55	85.51	17.07	
6397	68.6	8.42	85.54	16.94	
6398	68.46	2.36	85.53	17.07	
6399	68.62	13.15	85.53	16.91	
6400	68.54	6.7	85.53	16.99	
6401	69.28	12.06	85.52	16.24	
6402	69.94	13.94	86.08	16.14	
6403	70.9	40.72	85.51	14.61	
6404	70.1	9.9	86	15.9	
6405	68.27	80.47	85.94	17.67	
6406	68.46	160.93	85.32	16.86	
6407	68.52	10.45	85.33	16.81	
6408	68.95	7.07	85.32	16.37	
6409	68.91	0.9	85.32	16.41	
6410	67.63	51.89	85.22	17.59	
6411	63.67	18.2	86.13	22.46	
6412	65.25	56.7	86.02	20.77	
6413	68.51	2537.05	84.86	16.35	
6414	68.74	1365.43	85.94	17.2	
6415	68.6	1053.96	85.93	17.33	
6416	63.45	27.41	86.19	22.74	
6417	63.32	6.45	86.18	22.86	
6418	63.31	27.71	86.17	22.86	
6419	63.27	122.63	86.17	22.9	
6420	63.34	63.64	86.17	22.83	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
6421	63.32	36.53	86.18	22.86	
6422	63.32	40.37	86.18	22.86	
6423	63.54	44.4	86.16	22.62	
6424	63.64	38.19	86.15	22.51	
6425	63.35	1220.43	86.12	22.77	
6426	63.38	33.02	86.2	22.82	
6427	63.37	27.45	86.2	22.83	
6428	63.34	16.03	86.16	22.82	
6429	60.94	23.6	86.37	25.43	
6430	60.35	6.79	86.43	26.08	
6431	61.42	28.91	86.33	24.91	
6432	61.14	18.88	86.33	25.19	
6433	60.84	22.92	86.35	25.51	
6434	62.06	44.5	86.29	24.23	
6435	61.51	11.04	86.3	24.79	
6436	62.69	19.7	86.29	23.6	
6437	62.55	25.83	86.26	23.71	
6438	62.29	17.19	86.26	23.97	
6439	62.1	12.65	86.26	24.16	
6440	63.06	25.74	86.22	23.16	
6441	60.44	66.08	86.37	25.93	
6442	60.92	30.95	86.38	25.46	
6443	60.9	39.86	86.42	25.52	
6444	63.16	20.95	86.28	23.12	
6445	63.12	6.54	86.22	23.1	
6446	63.17	1.64	86.31	23.14	
6447	62.23	24.3	86.37	24.14	
6448	62.45	122.56	86.39	23.94	
6449	63.17	45.01	86.31	23.14	
6450	62.94	29.56	86.22	23.28	
6451	62.69	7.24	86.22	23.53	
6452	62.55	16.66	86.22	23.67	
6453	63.11	0.51	86.22	23.11	
6454	63.15	4.26	86.22	23.07	
6455	62.92	55.23	86.22	23.3	
6456	63.45	32.62	86.3	22.85	
6457	62.46	35.35	86.49	24.03	
6458	64.48	16.2	86.3	21.82	
6459	64.55	36.13	86.36	21.81	
6460	62.33	13.92	86.64	24.31	
6461	60.66	1116.79	86.69	26.03	
6462	65.12	46.85	86.61	21.49	
6463	65.82	964.64	86.32	20.5	
6464	66.19	48.31	86.66	20.47	
6465	64.73	9.75	85.99	21.26	
6466	69.68	13.66	86.08	16.4	
6467	69.89	105.01	86.09	16.2	
6468	71.07	21.05	86.08	15.01	
6469	71.14	19.82	86.08	14.94	
6470	70.68	29.91	86.07	15.39	
6471	78.35	26.98	85.8	7.45	
6472	73.41	50.37	86.04	12.63	
6473	77.43	26.09	86.07	8.64	
6474	69.78	28.77	86.07	16.29	
6475	70.23	40.72	86.07	15.84	
6476	70.91	30.68	86.07	15.16	
6477	69.41	20.83	86.07	16.66	
6478	78.08	43.64	86.06	7.98	
6479	77.79	24.69	86.06	8.27	
6480	77.7	23.16	86.07	8.37	
6481	103.7	0.79	149.39	45.69	
6482	100.25	0	251.97	151.72	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
6483	95.82	1.8	251.97	156.15	
6484	105.47	21.65	251.75	146.28	
6485	105.84	1.18	251.5	145.66	
6486	124.45	2.07	251.5	127.05	
6487	101.79	19.55	250.97	149.18	
6488	144.47	8.11	250.82	106.35	
6489	123.79	34.76	250.71	126.92	
6490	102.44	0.63	250.83	148.39	
6491	103.7	26.98	250.8	147.1	
6492	100.41	20.71	250.78	150.37	
6493	107.54	38.3	250.77	143.23	
6494	111.53	35.83	250.61	139.08	
6495	112.35	18	250.59	138.24	
6496	93.24	13.09	250.9	157.66	
6497	88.1	1.56	250.9	162.8	
6498	72.84	0.31	250.52	177.68	
6499	80.56	10.45	250.52	169.96	
6500	74.11	1.15	250.52	176.41	
6501	74.5	2.99	250.52	176.02	
6502	76.6	0	250.52	173.92	
6503	75.08	0.15	250.52	175.44	
6504	77.28	0	250.52	173.24	
6505	72.55	3.81	250.52	177.97	
6506	72.16	3.81	250.52	178.36	
6507	74.53	1.88	250.52	175.99	
6508	71.6	1.85	250.52	178.92	
6509	75.2	0	250.52	175.32	
6510	71.82	17.22	250.52	178.7	
6511	79.38	0	250.53	171.15	
6512	78.94	2.16	250.52	171.58	
6513	83.45	2.83	250.53	167.08	
6514	71.43	0	250.52	179.09	
6515	71.9	0.42	250.52	178.62	
6516	72.12	18.05	250.54	178.42	
6517	72.16	0	250.52	178.36	
6518	72.58	1.18	250.52	177.94	
6519	72.35	0	250.52	178.17	
6520	72.61	0	250.54	177.93	
6521	84.86	7.78	250.52	165.66	
6522	74.08	0.35	250.52	176.44	
6523	73.81	1.29	250.52	176.71	
6524	71.59	23.74	250.52	178.93	
6525	71.26	0.74	250.52	179.26	
6526	72.58	4.09	250.52	177.94	
6527	77.37	0	250.52	173.15	
6528	78.31	6.57	250.52	172.21	
6529	74.77	4.28	250.52	175.75	
6530	71.48	7.23	250.52	179.04	
6531	78.78	0	250.54	171.76	
6532	69.4	1.69	250.74	181.34	
6533	67.67	2.49	250.74	183.07	
6534	71.41	18.57	250.52	179.11	
6535	95.1	2.48	250.36	155.26	
6536	98.87	7.72	250.36	151.49	
6537	97.24	5.42	250.36	153.12	
6538	97.49	28.65	250.36	152.87	
6539	98.42	2.8	250.36	151.94	
6540	100.93	0	250.36	149.43	
6541	102.46	0	250.36	147.9	
6542	99.86	0.35	250.36	150.5	
6543	101.22	16.17	250.38	149.16	
6544	90.28	2.28	250.39	160.11	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
6545	88.67	0.91	250.44	161.77	
6546	95.19	4.88	250.44	155.25	
6547	82.52	1.35	250.36	167.84	
6548	87.4	5.47	250.36	162.96	
6549	84.9	48.45	250.31	165.41	
6550	86.1	2.83	250.3	164.2	
6551	87.18	0	250.3	163.12	
6553	100.49	1.68	250.31	149.82	
6554	78.87	47.73	250.48	171.61	
6555	97.47	9.36	250.48	153.01	
6556	96.57	24.01	250.42	153.85	
6557	43.93	3.14	99.55	55.62	
6558	43.43	39.82	99.41	55.98	
6559	43.17	28.97	99.37	56.2	
6560	43.21	27.01	99.35	56.14	
6561	43.27	6.57	99.36	56.09	
6562	44.35	1215.04	97.07	52.72	
6563	43.19	73.14	99.2	56.01	
6564	43.87	14.62	99.36	55.49	
6565	43.64	78.68	99.34	55.7	
6566	43.9	58.98	99.22	55.32	
6567	43.6	86.69	99.19	55.59	
6568	43.63	20.51	99.13	55.5	
6569	43.63	8.95	99.13	55.5	
6570	43.65	9.25	99.17	55.52	
6571	44.16	13.87	99.22	55.06	
6572	44.5	1.96	99.25	54.75	
6573	43.18	3.47	99.22	56.04	
6574	43.08	26.53	99.32	56.24	
6575	44.54	4.65	99.26	54.72	
6576	44.45	22.69	99.27	54.82	
6577	44.61	67.57	99.28	54.67	
6578	44.72	27.05	99.36	54.64	
6579	44.5	22.11	99.42	54.92	
6580	44.1	33.74	99.36	55.26	
6581	44.17	74.2	99.4	55.23	
6582	44.26	65.23	99.27	55.01	
6583	44.78	122.18	99.31	54.53	
6584	44.78	25.58	99.3	54.52	
6585	44.87	56.33	99.3	54.43	
6586	44.91	25.12	99.39	54.48	
6587	44.42	47.7	99.46	55.04	
6588	44.43	65.45	99.53	55.1	
6589	45.29	17.73	99.58	54.29	
6590	45.06	14.1	99.78	54.72	
6591	45.06	17.81	99.27	54.21	
6592	44.58	11.99	99.5	54.92	
6593	44.58	12.78	99.9	55.32	
6594	44.48	20.73	99.46	54.98	
6595	44.89	56.92	99.21	54.32	
6596	44.15	43.71	99.29	55.14	
6597	44.85	32.78	99.1	54.25	
6598	44.76	49.02	99.12	54.36	
6599	45.07	111.63	99.06	53.99	
6600	44.83	25	99.01	54.18	
6601	45.42	3.81	98.91	53.49	
6602	41.47	982.26	96.27	54.8	
6603	40.74	402.33	95.61	54.87	
6604	41.51	1609.34	96.28	54.77	
6605	42.93	985.46	96.45	53.52	
6606	46.2	30.56	100.68	54.48	
6607	45.7	57.45	100.62	54.92	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
6608	71.39	24.23	103.98	32.59	
6609	67.44	70.18	103.94	36.5	
6610	67.44	15.06	103.97	36.53	
6611	67.72	63.1	103.94	36.22	
6612	70.46	50.72	99.28	28.82	
6613	70.18	85.67	98.95	28.77	
6614	71.41	746.99	96.22	24.81	
6615	68.62	81.53	98.47	29.85	
6616	67.18	161.08	98.09	30.91	
6617	65.04	50.51	98.89	33.85	
6618	64.84	31.11	99.31	34.47	
6619	64.22	59.14	98.01	33.79	
6620	65.17	101.58	98.68	33.51	
6621	65.63	376.65	97.86	32.23	
6622	65.7	64.35	98.54	32.84	
6623	88.11	31.23	119.14	31.03	
6624	70.51	21.54	119.14	48.63	
6625	77.46	0	119.14	41.68	
6626	83.54	0	119.14	35.6	
6627	86.46	0	119.14	32.68	
6628	87.22	103.4	119.14	31.92	
6629	68.5	34.9	97.97	29.47	
6630	72.94	90.93	97.97	25.03	
6631	87.8	61.99	119.13	31.33	
6632	69.08	57.44	97.87	28.79	
6633	76.5	38.6	97.97	21.47	
6634	86.55	44.71	119.13	32.58	
6635	66.6	73.08	97.86	31.26	
6636	73.21	75.41	97.49	24.28	
6637	73.35	116.34	103.98	30.63	
6638	83.39	45.13	97.33	13.94	
6639	80.62	23.71	97.33	16.71	
6640	81.3	6.25	119.14	37.84	
6641	85	0	103.95	18.95	
6642	74.69	35.08	103.98	29.29	
6643	80.22	31.15	119.04	38.82	
6644	81.72	141.53	119.04	37.32	
6645	77.56	158.59	119.14	41.58	
6646	79.07	137.99	119.15	40.08	
6647	84.12	182.93	119.06	34.94	
6648	88.24	178.41	119.13	30.89	
6649	78.24	113.23	119.16	40.92	
6650	80.45	42.3	119.18	38.73	
6651	87.2	58.49	119.13	31.93	
6652	80.48	107.52	119.07	38.59	
6653	82.7	76.82	119.15	36.45	
6654	82.63	53.66	119.18	36.55	
6655	76.89	9.68	119.18	42.29	
6656	82.7	2.12	119.18	36.48	
6657	86.43	0	119.18	32.75	
6658	82.3	28.91	119.14	36.84	
6659	59.41	59.24	97.44	38.03	
6660	60.52	159.46	97.43	36.91	
6661	65.11	440.7	97.41	32.3	
6662	62.12	135.59	97.37	35.25	
6663	67.25	215.7	97.38	30.13	
6664	63.64	78.99	97.38	33.74	
6665	69.66	175.11	97.38	27.72	
6666	70.44	0	97.55	27.11	
6667	68.07	27.99	97.58	29.51	
6668	67.3	27.77	97.62	30.32	
6669	64.07	48.04	97.44	33.37	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
6670	73.09	10.35	97.51	24.42	
6671	72.45	0	97.53	25.08	
6672	72.52	36.38	97.5	24.98	
6673	72.61	5.24	97.46	24.85	
6674	70.5	64.23	97.44	26.94	
6675	72.19	58.96	97.5	25.31	
6676	73.77	44.47	97.46	23.69	
6677	70.25	55.17	97.45	27.2	
6678	74.93	33.06	97.46	22.53	
6679	73.2	77.74	97.43	24.23	
6680	70.32	22.18	97.43	27.11	
6681	73.58	67.59	97.49	23.91	
6682	65.47	27.61	97.38	31.91	
6683	70.38	188.76	97.15	26.77	
6684	70.75	32.88	97.55	26.8	
6685	63.18	893.73	97.34	34.16	
6686	65.6	96.87	97.83	32.23	
6687	60.47	33.05	99.08	38.61	
6688	49.45	4.59	97.93	48.48	
6689	51.66	51.93	97.97	46.31	
6690	56.15	6.54	97.55	41.4	
6691	55.58	77.09	97.69	42.11	
6692	52.4	118.22	97.76	45.36	
6693	57.38	50.71	97.78	40.4	
6694	55.25	21.23	98.07	42.82	
6695	59.01	123.49	97.92	38.91	
6696	59.32	29.28	98.44	39.12	
6697	80.28	45.46	103.01	22.73	
6698	86.13	36.14	102.46	16.33	
6699	78.43	65.63	102.43	24	
6700	78.94	15.48	102.38	23.44	
6701	80.69	27.06	102.42	21.73	
6702	78.48	8.05	102.47	23.99	
6703	80.55	143.3	101.94	21.39	
6704	66.46	13.28	105.1	38.64	
6705	62.19	14.51	99.73	37.54	
6706	60.33	62.84	99.36	39.03	
6707	61.3	89.8	99.69	38.39	
6708	61.25	46.36	99.69	38.44	
6709	66.46	43.75	99.86	33.4	
6710	65.66	37.74	99.36	33.7	
6711	64.64	18.56	99.05	34.41	
6712	54.15	16.28	98.52	44.37	
6713	55.1	4.68	98.72	43.62	
6714	55.1	29.58	98.45	43.35	
6715	61.83	222.96	98.45	36.62	
6716	70.45	79.5	98.45	28	
6717	51.98	61.29	98.05	46.07	
6718	52.38	51.1	98.35	45.97	
6719	52.79	167.14	98.29	45.5	
6720	57.24	199.13	98.24	41	
6721	60.23	141.96	98.16	37.93	
6722	63.7	174.95	98.12	34.42	
6723	66.63	94.78	98.07	31.44	
6724	61.63	65.63	98.07	36.44	
6725	49.69	48.04	98.12	48.43	
6726	49.76	124.82	98.1	48.34	
6727	53.48	232.8	98.07	44.59	
6728	47.77	292.73	97.97	50.2	
6729	54.98	228.82	97.9	42.92	
6730	56.56	55.19	97.92	41.36	
6731	52.98	128.16	97.88	44.9	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
6732	66.45	182.32	98.05	31.6	
6733	63.73	141.19	97.95	34.22	
6734	57.58	161.4	97.96	40.38	
6735	48.65	135.04	97.99	49.34	
6736	60.06	34.44	103.28	43.22	
6737	61.39	37.66	103.25	41.86	
6738	60.82	115.54	103.37	42.55	
6739	61.39	107.68	103.33	41.94	
6740	79.4	10.46	103.76	24.36	
6741	71.58	24.57	103.85	32.27	
6742	66.75	43.04	102.36	35.61	
6743	63.2	24.64	103.5	40.3	
6744	61.88	29.99	103.49	41.61	
6745	63.13	54.57	103.5	40.37	
6746	63.94	38.4	103.51	39.57	
6747	63.27	95.49	103.61	40.34	
6748	65.11	76.77	103.54	38.43	
6749	64.47	135.01	103.55	39.08	
6750	64.18	181.08	103.7	39.52	
6751	70.92	0	103.98	33.06	
6752	71.45	0.15	103.94	32.49	
6753	77.6	16.58	103.88	26.28	
6754	63.71	10.35	103.04	39.33	
6755	61.46	37.47	101.52	40.06	
6756	62.9	181.4	102.91	40.01	
6757	69.16	3095.61	101.3	32.14	
6758	60.13	67.02	103.17	43.04	
6759	58.88	43.69	103.07	44.19	
6760	64.68	312.91	103.13	38.45	
6761	65.75	444.81	100.22	34.47	
6762	56.52	514.32	94.84	38.32	
6763	59.59	0	97.63	38.04	
6764	45.92	73.77	99.51	53.59	
6765	45.86	16.67	99.2	53.34	
6766	46.24	125.62	99.55	53.31	
6767	46.08	93.72	99.53	53.45	
6768	46.77	20.34	99.78	53.01	
6769	45.83	244.83	99.51	53.68	
6770	46.93	43.14	99.65	52.72	
6771	47.13	56.22	99.59	52.46	
6772	47.11	49.98	99.59	52.48	
6773	49.17	11.67	99.65	50.48	
6774	48.79	18	99.66	50.87	
6775	51.19	13.42	99.72	48.53	
6776	50.48	7.23	99.73	49.25	
6777	48.33	14.26	100.16	51.83	
6778	48.2	89.22	100.11	51.91	
6779	49.94	41.99	100.15	50.21	
6780	46.74	55.17	99.9	53.16	
6781	46.93	38.03	100.01	53.08	
6782	50.22	39.68	100.24	50.02	
6783	52.13	103.09	100.17	48.04	
6784	56.66	108.12	100.06	43.4	
6785	50.37	87.07	99.8	49.43	
6786	50.5	68.33	100.45	49.95	
6787	49.77	6.53	100.84	51.07	
6788	49.65	99.14	100.18	50.53	
6789	52.53	48.35	100.39	47.86	
6790	58.21	36.26	100.46	42.25	
6791	53.92	13.14	100.92	47	
6792	57.7	112.32	99.84	42.14	
6793	59.27	37.55	99.94	40.67	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
6794	59.77	33.37	101.13	41.36	
6795	53.42	217.73	101.06	47.64	
6796	48.36	70.15	101.06	52.7	
6797	52.79	1.74	101.12	48.33	
6798	52.66	36.36	101.7	49.04	
6799	55.33	5.38	101.69	46.36	
6800	63.85	45.13	101.68	37.83	
6801	65.52	28.47	101.69	36.17	
6802	62.29	50.6	101.74	39.45	
6803	62.29	18.45	101.75	39.46	
6804	57.23	47.06	101.64	44.41	
6805	58.9	26.39	101.71	42.81	
6806	63.64	18.19	101.64	38	
6807	64.51	21.46	101.7	37.19	
6808	60.77	21.71	101.79	41.02	
6809	64.93	20.1	101.78	36.85	
6810	63.54	25.16	101.82	38.28	
6811	66.39	53.08	101.86	35.47	
6812	66.52	62.2	101.83	35.31	
6813	55.42	7.91	101.99	46.57	
6814	55.32	15.76	101.95	46.63	
6815	71.09	70.17	102.12	31.03	
6816	76.38	1.1	102.13	25.75	
6817	66.75	63.46	102.16	35.41	
6818	66.21	5.31	102.14	35.93	
6819	63.88	5.95	102.13	38.25	
6820	49.47	23.44	101.02	51.55	
6821	50.16	42.98	101.01	50.85	
6822	48.9	4.53	101.01	52.11	
6823	49.73	20.02	101	51.27	
6824	49.47	44.87	101.06	51.59	
6825	49.63	53.85	101.2	51.57	
6826	52.69	40.02	101.06	48.37	
6827	50.46	23.16	101.01	50.55	
6828	50.15	35.1	100.99	50.84	
6829	51.23	84.14	100.97	49.74	
6830	53.85	0	100.94	47.09	
6831	53.15	23.2	101.12	47.97	
6832	53.54	41.95	101.28	47.74	
6833	54.82	18.78	101.27	46.45	
6834	54.63	54.3	101.28	46.65	
6835	58.39	3.76	101.32	42.93	
6836	58.89	3.61	101.23	42.34	
6837	55.45	21.48	101.31	45.86	
6838	55.28	114.81	101.31	46.03	
6839	60.21	87.7	101.73	41.52	
6840	59.33	16.68	101.52	42.19	
6841	63.62	33.46	101.86	38.24	
6842	64.06	83.07	101.98	37.92	
6843	66.84	34.67	102.12	35.28	
6844	65.28	58.08	101.88	36.6	
6845	67.08	42.22	102.12	35.04	
6846	66.63	97.83	101.83	35.2	
6847	64.28	38.21	102.17	37.89	
6848	67.35	79.85	101.72	34.37	
6849	68.89	80.12	101.69	32.8	
6850	67.26	21.18	102.12	34.86	
6851	65.42	30.81	101.93	36.51	
6852	59.5	10.41	102.22	42.72	
6853	58.3	109.66	101.91	43.61	
6854	59.63	20.68	102.2	42.57	
6855	61.2	80.78	101.72	40.52	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
6856	63.68	28.43	101.7	38.02	
6857	63.18	79.41	101.69	38.51	
6858	55.46	18.35	101.73	46.27	
6859	58.54	2.04	101.67	43.13	
6860	60.1	26.58	101.62	41.52	
6861	47.27	85.79	100.69	53.42	
6862	47.16	68.26	100.71	53.55	
6863	47.88	85.67	100.76	52.88	
6864	47.6	88.92	100.98	53.38	
6865	47.69	159.31	101.31	53.62	
6866	46.56	67.3	99.88	53.32	
6867	46.51	80.04	99.88	53.37	
6868	45.93	58.24	100.13	54.2	
6869	45.75	130.65	100.22	54.47	
6870	45.61	40.56	100.19	54.58	
6871	45.68	73.2	100.08	54.4	
6872	45.29	122.05	100.04	54.75	
6873	44.52	135.32	100.05	55.53	
6874	44.7	15.62	100.24	55.54	
6875	45.24	151.39	99.96	54.72	
6876	45.13	180.9	99.97	54.84	
6877	45.88	126.41	99.81	53.93	
6878	45.67	12.45	99.64	53.97	
6879	46.33	96.05	100.54	54.21	
6880	45.9	88.94	100.51	54.61	
6881	46.49	37.59	100.76	54.27	
6882	46.28	159.49	100.72	54.44	
6883	46.33	129.69	100.65	54.32	
6884	47.1	157.41	100.54	53.44	
6885	46.17	38.45	100.29	54.12	
6886	46.2	193.67	100.13	53.93	
6887	47.06	295.3	100.66	53.6	
6888	46.3	77.81	100.43	54.13	
6889	45.83	948.32	99.17	53.34	
6890	48.25	130.76	100.62	52.37	
6891	48.32	8.8	100.85	52.53	
6892	48.06	15.95	101.03	52.97	
6893	48.57	43.26	101.88	53.31	
6894	55.18	29.68	101.98	46.8	
6895	52.15	67.26	101.37	49.22	
6896	52.13	137.49	102.08	49.95	
6897	48.95	37.47	101.5	52.55	
6898	48.86	125.7	101.66	52.8	
6899	47.41	73.65	101.91	54.5	
6900	47.8	61.26	101.92	54.12	
6901	47.64	61.18	101.51	53.87	
6902	47.8	54.7	101.9	54.1	
6903	48.26	49.41	101.53	53.27	
6904	48.29	152.39	101.84	53.55	
6905	48.48	35.59	101.51	53.03	
6906	48.23	81.57	101.79	53.56	
6907	48.53	97.19	101.4	52.87	
6908	46.84	154.97	101.19	54.35	
6909	46.39	20.77	101.06	54.67	
6910	46.46	83.38	101.21	54.75	
6911	77.73	0	102.62	24.89	
6912	77.73	0	102.62	24.89	
6913	77.73	67.36	102.62	24.89	
6914	77.73	19.31	102.61	24.88	
6915	69.94	34.95	102.24	32.3	
6916	73.75	0	102.7	28.95	
6917	72.91	16.31	102.32	29.41	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
6918	91.86	7.62	102.29	10.43	
6919	77.76	42.22	102.23	24.47	
6920	74.11	95.82	102.6	28.49	
6921	72.92	28.11	102.54	29.62	
6922	72.92	0	102.57	29.65	
6923	74.34	28.98	102.5	28.16	
6924	73.91	128.97	102.6	28.69	
6925	74.15	25.72	102.6	28.45	
6926	73.06	44.82	102.44	29.38	
6927	74.92	23.67	102.45	27.53	
6928	63.87	39.21	102.61	38.74	
6929	65.65	84.15	102.44	36.79	
6930	61.86	46.78	102.27	40.41	
6931	65.66	36.32	102.3	36.64	
6932	55.33	79.72	102.19	46.86	
6933	55.9	33.58	102.17	46.27	
6934	58.23	94.72	102.22	43.99	
6935	54.27	86.41	102.21	47.94	
6936	62.32	133.32	102.26	39.94	
6937	72.09	115.09	102.32	30.23	
6938	67.7	77.25	102.32	34.62	
6939	57.89	121.2	102.26	44.37	
6940	56.1	52.64	102.23	46.13	
6941	54.08	31.36	102.23	48.15	
6942	59.87	94.7	102.44	42.57	
6943	59.32	87.68	102.3	42.98	
6944	62.8	72.15	102.64	39.84	
6945	64.8	76.44	102.3	37.5	
6946	66.58	71.32	102.44	35.86	
6947	68.14	62.75	102.77	34.63	
6948	59.48	26.5	102.25	42.77	
6949	62.08	44.99	102.27	40.19	
6950	55.91	27.99	102.25	46.34	
6951	63.86	11.56	102.28	38.42	
6952	67.44	6.34	102.29	34.85	
6953	58.56	11.37	102.26	43.7	
6954	59.59	15.72	102.26	42.67	
6955	73.44	35.96	102.18	28.74	
6956	73.27	126.19	101.91	28.64	
6957	50.39	45.68	101.6	51.21	
6958	49.89	161.16	101.61	51.72	
6959	51.56	210.68	101.61	50.05	
6960	53.31	12.96	101.72	48.41	
6961	51.6	154.26	101.87	50.27	
6962	51.06	39.98	101.69	50.63	
6963	59.16	60.48	102.01	42.85	
6964	53.73	106.65	102.08	48.35	
6965	52.89	220.35	102.14	49.25	
6966	54.3	37.4	102.21	47.91	
6967	55.46	8.86	102.2	46.74	
6968	53.27	9.47	102.18	48.91	
6969	54.08	8.1	102.17	48.09	
6970	53.58	14.03	102.14	48.56	
6971	53.79	22.38	102.14	48.35	
6972	55.25	40.98	102.1	46.85	
6973	54.27	41.87	102.11	47.84	
6974	53.29	25.51	102.32	49.03	
6975	50.94	21.97	100.94	50	
6976	52.8	48.91	100.94	48.14	
6977	56.86	7.43	100.91	44.05	
6978	51.9	5.08	100.93	49.03	
6979	58.41	59.47	100.94	42.53	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
6980	62.48	17.06	100.85	38.37	
6981	63.9	73.55	100.94	37.04	
6982	68.58	135.8	100.94	32.36	
6983	72.26	7.62	101.01	28.75	
6984	57.5	33.17	101.32	43.82	
6985	57.29	89.61	101.23	43.94	
6986	65.32	48.86	101.1	35.78	
6987	62.8	52.17	101.02	38.22	
6988	51.53	19.29	101.02	49.49	
6989	55.09	13.81	101.31	46.22	
6990	55.37	78.79	101.25	45.88	
6991	50.83	13.09	101.01	50.18	
6992	50.6	78.4	101.14	50.54	
6993	49.73	6.89	101.11	51.38	
6994	69.64	107.91	101.03	31.39	
6995	67.13	95.13	101.13	34	
6996	62.53	42.43	101.54	39.01	
6997	54.92	97.19	101.33	46.41	
6998	71.4	58.81	101.42	30.02	
6999	60.7	96.53	101.21	40.51	
7000	50.84	93.92	101.09	50.25	
7001	50.2	35.96	101.2	51	
7002	50.2	79.23	101.2	51	
7003	63.41	2.52	101.58	38.17	
7004	66.66	0	101.65	34.99	
7005	62.41	42.54	101.12	38.71	
7006	64.62	57.32	101.47	36.85	
7007	63.85	5.3	101.43	37.58	
7008	63.85	0	101.46	37.61	
7009	70.88	45.25	101.04	30.16	
7010	63.25	41.67	100.71	37.46	
7011	60.49	73.95	101.3	40.81	
7012	56.35	24.52	101.46	45.11	
7013	56.35	55.43	101.63	45.28	
7014	73.45	83.18	101.72	28.27	
7015	70.75	29.58	101.24	30.49	
7016	66.58	69.2	101.27	34.69	
7017	60.85	18.98	101.19	40.34	
7018	69.22	26.5	101.19	31.97	
7019	75.59	67.42	101.18	25.59	
7020	62.36	54.02	101.16	38.8	
7021	59.34	57.14	101.94	42.6	
7022	64.38	233.11	102.32	37.94	
7023	69.17	54.29	101.84	32.67	
7024	58.57	76.82	101.74	43.17	
7025	62.64	21.1	101.74	39.1	
7026	70.59	52.16	101.79	31.2	
7027	60.35	12.24	101.75	41.4	
7028	56.05	3.25	101.88	45.83	
7029	56.93	73.63	101.98	45.05	
7030	70.72	0	102.39	31.67	
7031	70.68	0	102.39	31.71	
7032	71.31	190.05	102.35	31.04	
7033	69.5	69.03	102.45	32.95	
7034	62.88	330.99	102.24	39.36	
7035	59.95	64.35	102.11	42.16	
7036	75.64	28.91	102.45	26.81	
7037	75.64	0	102.45	26.81	
7038	73.6	74.46	100.69	27.09	
7039	67.44	16.83	100.71	33.27	
7040	70.87	148.37	100.67	29.8	
7041	66.28	55.58	100.67	34.4	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
7042	70.55	196.5	100.34	29.79	
7043	62.39	38.19	100.29	37.9	
7044	78.64	78.16	100.37	21.73	
7045	80.5	103.72	100.31	19.81	
7046	76.4	58.08	100.29	23.89	
7047	71.4	95.37	100.23	28.83	
7048	83.1	22.64	100.3	17.2	
7049	73.6	39.8	100.53	26.93	
7050	73.65	49.54	100.53	26.88	
7051	63.64	70.9	100.68	37.04	
7052	73.4	148.72	100.52	27.12	
7053	75.5	169.41	99.91	24.41	
7054	69.4	112.76	100.12	30.72	
7055	65.1	78.05	100.09	34.99	
7056	74.69	81.5	100.29	25.6	
7057	69.8	125.06	100.18	30.38	
7058	73.12	54.62	100.67	27.55	
7059	71.6	58.49	100.49	28.89	
7060	70.05	218.04	99.6	29.55	
7061	76.5	125.13	100.06	23.56	
7062	75.2	154.07	100.18	24.98	
7063	74.6	151.1	100.29	25.69	
7064	65.77	128.51	100.52	34.75	
7065	63.59	25.8	100.73	37.14	
7066	72.24	35.11	100.72	28.48	
7067	60.22	52.81	100.79	40.57	
7068	66.31	25.17	100.75	34.44	
7069	60.89	5.55	101.02	40.13	
7070	46.85	0	101.09	54.24	
7071	46.85	48.59	101.09	54.24	
7072	48.41	62.76	100.73	52.32	
7073	42.94	331.47	100.63	57.69	
7074	45.44	9.11	100.62	55.18	
7075	45.44	0	100.62	55.18	
7076	45.31	94.37	100.23	54.92	
7077	44.94	15.58	100.23	55.29	
7078	42.12	41.91	100.32	58.2	
7079	43.56	17.73	100.32	56.76	
7080	42.24	140.51	100.28	58.04	
7081	43.8	15.06	100.28	56.48	
7082	42.08	392.05	100.24	58.16	
7083	43.84	93.82	100.24	56.4	
7084	44.89	7.35	100.22	55.33	
7085	44.68	22.92	100.19	55.51	
7086	45.44	0.17	100.21	54.77	
7087	41.91	29.14	100.21	58.3	
7088	47.71	548.38	100.23	52.52	
7089	45.93	32.76	100.63	54.7	
7090	44.25	70.4	100.48	56.23	
7091	44.93	82.3	100.48	55.55	
7092	44.53	310.25	100.39	55.86	
7093	44.79	37.48	100.22	55.43	
7094	44.71	2.9	100.2	55.49	
7095	45.07	59.95	100.43	55.36	
7096	44.57	46.24	100.38	55.81	
7097	44.82	30.9	100.34	55.52	
7098	45.29	159.31	100.46	55.17	
7099	46.16	82.93	100.58	54.42	
7100	45.48	36.3	100.43	54.95	
7101	44.9	56.18	100.33	55.43	
7102	45.85	94.39	100.46	54.61	
7103	45.38	61.54	100.43	55.05	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
7104	44.71	91.12	100.23	55.52	
7105	45.51	62.43	100.42	54.91	
7106	44.78	103.71	100.28	55.5	
7107	45.39	115.32	100.43	55.04	
7108	45.72	75.45	100.54	54.82	
7109	45.87	34.36	100.61	54.74	
7110	44.67	9.2	100.36	55.69	
7111	46.18	20.75	100.85	54.67	
7112	47.84	0.47	100.78	52.94	
7113	47.49	30.75	100.73	53.24	
7114	47.7	87.2	100.79	53.09	
7115	47.81	66.87	100.79	52.98	
7116	44.29	27.68	100.69	56.4	
7117	46.09	23.24	100.69	54.6	
7118	47.18	48.6	100.74	53.56	
7119	47.85	133.91	100.74	52.89	
7120	47.78	15.68	100.7	52.92	
7121	47.11	36.06	100.69	53.58	
7122	49.31	110.83	100.69	51.38	
7123	47.26	44.65	100.68	53.42	
7124	46.66	26.06	100.75	54.09	
7125	46.51	40.05	100.75	54.24	
7126	46.87	18.78	100.87	54	
7127	46.79	22.44	100.86	54.07	
7128	47.52	60.89	100.66	53.14	
7129	49.7	35.41	100.92	51.22	
7130	49.09	82.72	100.87	51.78	
7131	48.13	97.02	100.73	52.6	
7132	50.28	3.11	101.09	50.81	
7133	48.58	15.24	101.06	52.48	
7134	47.92	67.26	101.04	53.12	
7135	49.55	34.75	100.7	51.15	
7136	46.93	16.99	101.03	54.1	
7137	46.3	85.87	100.75	54.45	
7138	44.71	21.16	100.71	56	
7139	46.09	87.57	100.78	54.69	
7140	44.52	111.76	100.72	56.2	
7141	46.43	75.69	100.75	54.32	
7142	46.14	76.04	100.82	54.68	
7143	46.36	55.17	101.04	54.68	
7144	44.45	138.15	100.72	56.27	
7145	46.18	53.77	100.76	54.58	
7146	46.08	86.21	100.82	54.74	
7147	45.84	34.71	100.79	54.95	
7148	46.11	13.53	100.92	54.81	
7149	49.23	44.36	99.79	50.56	
7150	49.43	32.4	99.97	50.54	
7151	49.39	49.88	100.05	50.66	
7152	48.6	84.15	100	51.4	
7153	48.94	216.72	100.03	51.09	
7154	49.07	116.03	100.08	51.01	
7155	49.73	31.21	99.98	50.25	
7156	49.4	38.37	99.77	50.37	
7157	50.15	28.14	99.93	49.78	
7158	50.49	32.16	99.98	49.49	
7159	50.06	40.37	99.99	49.93	
7160	49.61	116.76	100.26	50.65	
7161	49.44	136.1	100.34	50.9	
7162	48.81	33.98	100.42	51.61	
7163	50.86	40.49	100.1	49.24	
7164	50.18	76.95	100.1	49.92	
7165	50.07	118.46	100.73	50.66	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
7166	49.14	77.6	100.36	51.22	
7167	48.91	51.53	100.49	51.58	
7168	51.41	28.49	100.35	48.94	
7169	50.94	81.73	100.26	49.32	
7170	51.28	31.36	101.01	49.73	
7171	48.29	45.54	100.48	52.19	
7172	48.74	17.65	100.44	51.7	
7173	48.41	134.57	100.18	51.77	
7174	48.68	90.35	100.18	51.5	
7175	48.49	34.75	100.18	51.69	
7176	50.56	166.49	100.06	49.5	
7177	45.21	39.27	100.08	54.87	
7178	50.42	89.06	100.07	49.65	
7179	48.81	95.73	100.47	51.66	
7180	49.67	25.58	101.05	51.38	
7181	48.27	40.56	100.68	52.41	
7182	48.12	28.06	100.65	52.53	
7183	48.28	13.25	100.65	52.37	
7184	47.9	34.1	100.72	52.82	
7185	48.2	75.38	100.73	52.53	
7186	47.93	110.79	100.63	52.7	
7187	48.56	18.76	100.62	52.06	
7188	48.95	185.3	100.63	51.68	
7189	48.86	61.15	100.65	51.79	
7190	48.37	45.96	100.59	52.22	
7191	47.93	17.86	100.59	52.66	
7192	47.94	27.37	100.64	52.7	
7193	49.13	14.11	100.87	51.74	
7194	47.35	20.85	100.65	53.3	
7195	48.5	58.15	100.64	52.14	
7196	50.71	115.47	100.64	49.93	
7197	63.94	3.11	100.79	36.85	
7198	63.12	40.03	100.74	37.62	
7199	55.1	27.14	100.62	45.52	
7200	55.24	32.01	100.6	45.36	
7201	51.9	11.24	100.74	48.84	
7202	56.86	1.86	100.74	43.88	
7203	60.9	20.02	100.34	39.44	
7204	65.35	20.68	100.35	35	
7205	58.87	1.69	100.59	41.72	
7206	62.19	72.96	100.37	38.18	
7207	70.4	62.78	100.18	29.78	
7208	70.4	92.3	100.18	29.78	
7209	70.9	15.07	100.11	29.21	
7210	70.4	23.44	100.05	29.65	
7211	68.17	58.39	100.03	31.86	
7212	54.58	0	100.25	45.67	
7213	54.58	19.5	100.24	45.66	
7214	65.09	0	99.89	34.8	
7215	65.09	21.46	99.89	34.8	
7216	62.29	22.38	99.82	37.53	
7217	68.12	18.25	99.49	31.37	
7218	65.33	38.8	99.49	34.16	
7219	67.41	15.1	99.49	32.08	
7220	63.66	26.21	99.52	35.86	
7221	71.05	18.29	99.49	28.44	
7222	67.62	4.67	99.5	31.88	
7223	71.89	46.72	99.48	27.59	
7224	71.47	37.1	99.48	28.01	
7225	68.31	52.36	99.49	31.18	
7226	71.3	32.48	99.49	28.19	
7227	69.83	9.48	99.45	29.62	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
7228	67.13	30.56	99.47	32.34	
7229	67.62	109.74	99.52	31.9	
7230	55.9	60.85	99.53	43.63	
7231	55.28	1.66	99.57	44.29	
7232	66.19	85.15	99.57	33.38	
7233	56.92	31.56	99.83	42.91	
7234	64.91	34.99	99.64	34.73	
7235	63.22	98.28	99.64	36.42	
7236	56.92	0	99.86	42.94	
7237	57.53	58.85	99.83	42.3	
7238	57.53	0	99.84	42.31	
7239	61.85	17.22	99.8	37.95	
7240	61.85	0	99.8	37.95	
7241	69.44	57.48	99.48	30.04	
7242	70.68	123.33	99.54	28.86	
7243	71.23	54.73	99.52	28.29	
7244	64.49	159.42	99.64	35.15	
7245	70.89	55.92	99.54	28.65	
7246	70.88	30.08	99.5	28.62	
7247	61.52	32.35	99.71	38.19	
7248	72.42	23.43	99.54	27.12	
7249	55.6	44.12	99.89	44.29	
7250	62.54	104.29	99.97	37.43	
7251	55.29	69.98	99.99	44.7	
7252	56.7	49.74	99.92	43.22	
7253	55.14	32.2	99.91	44.77	
7254	57.45	119.27	100.41	42.96	
7255	62.77	119.76	100.32	37.55	
7256	59.51	23.85	100.4	40.89	
7257	62.76	86.15	99.96	37.2	
7258	59.38	85.32	99.89	40.51	
7259	66.39	59.73	100.02	33.63	
7260	61.4	123.29	100.11	38.71	
7261	66.74	55.25	100.32	33.58	
7262	67.64	40.9	100.02	32.38	
7263	66.64	90.15	99.94	33.3	
7264	70.05	132.77	99.83	29.78	
7265	63.26	368.47	100.32	37.06	
7266	55.91	28.46	99.59	43.68	
7267	53.72	18.7	100.34	46.62	
7268	53.47	22.21	100.44	46.97	
7269	51.68	11.45	100.62	48.94	
7270	51.12	2.33	100.74	49.62	
7271	50.29	8.06	99.39	49.1	
7272	50.45	41.94	99.38	48.93	
7273	55.43	12.81	99.38	43.95	
7274	53.56	24.17	99.35	45.79	
7275	52.29	95.85	99.32	47.03	
7276	51.47	293.93	99.24	47.77	
7277	49.9	90.3	99.49	49.59	
7278	49.65	13.99	99.6	49.95	
7279	52.16	95.93	99.55	47.39	
7280	51.9	22.2	99.72	47.82	
7281	49.93	9	99.57	49.64	
7282	51.37	53.64	99.75	48.38	
7283	50.27	106.44	99.61	49.34	
7284	49.28	7.23	99.67	50.39	
7285	47.11	245.33	99.62	52.51	
7286	49.41	158.28	99.69	50.28	
7287	49.85	79.9	99.71	49.86	
7288	49.26	47.14	99.71	50.45	
7289	49.74	26.55	99.3	49.56	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
7290	51.77	41.01	99.31	47.54	
7291	53.85	70.38	99.35	45.5	
7292	51.76	55.23	99.55	47.79	
7293	52.68	38.65	99.79	47.11	
7294	51.37	108.98	99.77	48.4	
7295	49.95	118.47	99.63	49.68	
7296	51.9	57.51	99.72	47.82	
7297	50.59	109.11	99.68	49.09	
7298	51.19	91.38	100	48.81	
7299	51.27	109.65	99.71	48.44	
7300	51.06	83.42	100.04	48.98	
7301	52.09	200.13	100.26	48.17	
7302	50.61	95.06	100.08	49.47	
7303	51.54	146.02	100.07	48.53	
7304	51.37	0	100.8	49.43	
7305	49.85	63.19	99.91	50.06	
7306	50.8	34.91	100.13	49.33	
7307	53.59	41.6	99.25	45.66	
7308	52.37	25.29	99.25	46.88	
7309	53.58	7.51	99.25	45.67	
7310	53.91	11.2	99.25	45.34	
7311	53.63	34.01	99.25	45.62	
7312	53.7	40.45	99.25	45.55	
7313	54.16	47.58	99.25	45.09	
7314	53.23	13.89	99.25	46.02	
7315	52.05	50.37	99.25	47.2	
7316	55.71	12.7	99.28	43.57	
7317	55.11	35.62	99.26	44.15	
7318	56.2	41.12	99.28	43.08	
7319	55.23	89.3	99.25	44.02	
7320	54.56	13.49	99.25	44.69	
7321	54.33	34.19	99.26	44.93	
7322	56.47	13.02	99.27	42.8	
7323	55.7	33.17	99.27	43.57	
7324	55.08	25.12	99.26	44.18	
7325	53.24	125.84	99.24	46	
7326	54.38	41.7	99.25	44.87	
7327	54.76	27.87	99.25	44.49	
7328	53.17	67.11	99.25	46.08	
7329	54.29	40.49	99.26	44.97	
7330	53.66	34.1	99.25	45.59	
7331	52.66	36.18	99.25	46.59	
7332	52.66	18.28	99.24	46.58	
7333	52.06	35.67	99.25	47.19	
7334	52.86	24.64	99.26	46.4	
7335	54.19	36.63	99.27	45.08	
7336	54.12	26.7	99.26	45.14	
7337	52.75	26.04	99.26	46.51	
7338	51.82	26.94	99.26	47.44	
7339	52.3	23.31	99.26	46.96	
7340	51.94	17.53	99.26	47.32	
7341	49.85	36.91	99.29	49.44	
7342	52.91	53.85	99.26	46.35	
7343	52.45	16.07	99.26	46.81	
7344	52.91	39.33	99.27	46.36	
7345	54.79	64.56	99.27	44.48	
7346	53.36	61.17	99.28	45.92	
7347	51.94	46.94	99.26	47.32	
7348	50.81	43.68	99.27	48.46	
7349	52.86	50.35	99.26	46.4	
7350	52.36	76.11	99.26	46.9	
7351	52.17	81.74	99.27	47.1	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
7352	51.72	60.19	99.3	47.58	
7353	52.45	21.89	99.26	46.81	
7354	53.56	48.39	99.33	45.77	
7355	53.07	73.61	99.28	46.21	
7356	52.66	58.66	99.28	46.62	
7357	58.12	36.93	99.33	41.21	
7358	59.87	29.95	99.28	39.41	
7359	60.68	61.1	99.32	38.64	
7360	63.66	15.5	99.35	35.69	
7361	67.41	17.27	99.38	31.97	
7362	61.38	341.76	99.22	37.84	
7363	68.82	113.16	99.14	30.32	
7364	66.73	17.76	99.13	32.4	
7365	66.77	27.52	99.34	32.57	
7366	62.2	135.08	99.25	37.05	
7367	64.26	77.17	99.14	34.88	
7368	63.15	46.08	99.14	35.99	
7369	62.52	116.6	99.18	36.66	
7370	69.48	42.31	99.13	29.65	
7371	75.56	1.06	99.13	23.57	
7372	74.25	16.84	99.14	24.89	
7373	68.77	7.13	99.11	30.34	
7374	70.79	8.27	99.11	28.32	
7375	73.16	22.75	99.12	25.96	
7376	66.12	79.61	99.12	33	
7377	68.78	29.85	99.12	30.34	
7378	65.78	31.49	99.12	33.34	
7379	68.82	22.37	99.12	30.3	
7380	68.91	34.83	99.12	30.21	
7381	69.38	14.35	99.12	29.74	
7382	70.69	24.33	99.16	28.47	
7383	68.44	6.49	99.15	30.71	
7384	67.55	18.37	99.15	31.6	
7385	64.84	56.65	99.13	34.29	
7386	67.73	46.38	99.2	31.47	
7387	65.07	45.17	99.21	34.14	
7388	70.6	9.32	99.2	28.6	
7389	65.14	67.06	99.25	34.11	
7390	68.24	62.98	99.26	31.02	
7391	74.2	16.52	99.32	25.12	
7392	67.09	52.61	99.29	32.2	
7393	75.17	88.41	99.35	24.18	
7394	74.66	5.74	99.34	24.68	
7395	69.23	104.5	99.48	30.25	
7396	66.24	136.73	99.79	33.55	
7397	69.48	0	99.83	30.35	
7398	89.5	31.61	137.24	47.74	
7399	89.06	15.15	137.25	48.19	
7400	89.7	0	138.89	49.19	
7401	80.55	90.15	135.4	54.85	
7402	79.48	77.48	133.96	54.48	
7403	76.64	27.28	135.76	59.12	
7404	75.49	21.39	135.31	59.82	
7405	62.55	48.86	133.99	71.44	
7406	68.62	29.36	133.98	65.36	
7407	64.72	5.86	134.12	69.4	
7408	97.07	28.24	135.07	38	
7409	98.52	11.08	135.07	36.55	
7410	56.85	120.86	99.05	42.2	
7411	56.23	48.29	99.09	42.86	
7412	54.91	64.27	99.03	44.12	
7413	54.18	80.65	99.02	44.84	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
7414	52.63	79.96	99.02	46.39	
7415	52.4	11.43	99.02	46.62	
7416	53.08	63.88	99.03	45.95	
7417	54.42	28.7	99.04	44.62	
7418	58.44	56.33	99.08	40.64	
7419	74.46	95.89	99.17	24.71	
7420	53.57	35.83	99.03	45.46	
7421	59.46	13.21	99.1	39.64	
7422	60.5	48.15	99.16	38.66	
7423	74.46	33.64	99.17	24.71	
7424	54.56	41.41	99.16	44.6	
7425	55.07	58.9	99.18	44.11	
7426	61.3	23.79	99.18	37.88	
7427	57.5	47.72	99.18	41.68	
7428	69.76	18.57	99.19	29.43	
7429	78.35	48.51	99.17	20.82	
7430	68.56	8.96	99.18	30.62	
7431	54.45	31.41	99.03	44.58	
7432	54.64	57.05	99.03	44.39	
7433	49.88	57.88	99.04	49.16	
7434	65.08	88.5	99.06	33.98	
7435	53.19	8.42	99.07	45.88	
7436	54.42	16.4	99.03	44.61	
7437	53.47	10.22	99	45.53	
7438	55.2	24.44	99.05	43.85	
7439	52.65	85.75	99.06	46.41	
7440	57.76	3.12	98.37	40.61	
7441	57.87	26.63	98.37	40.5	
7442	59.35	27.71	98.36	39.01	
7443	59.21	2.66	98.36	39.15	
7444	57.64	3.93	98.37	40.73	
7445	57.47	5.85	98.37	40.9	
7446	58.07	3.17	98.37	40.3	
7447	58.7	0.31	98.37	39.67	
7448	59.67	27.33	98.3	38.63	
7449	64.78	94.07	98.27	33.49	
7450	65.87	6.73	98.26	32.39	
7451	66.09	883.66	98.25	32.16	
7452	59.44	119.76	98.29	38.85	
7453	66.49	18.28	98.26	31.77	
7454	69.61	32.82	98.25	28.64	
7455	65.75	3.7	98.3	32.55	
7456	68.26	17.45	98.3	30.04	
7457	69.74	2.08	98.3	28.56	
7458	71.83	0.31	98.3	26.47	
7459	62.78	24.3	98.31	35.53	
7460	67.14	7.95	98.29	31.15	
7461	59.92	2.91	98.36	38.44	
7462	59.44	14.62	98.36	38.92	
7463	60.07	2.99	98.36	38.29	
7464	58.9	8.11	98.36	39.46	
7465	64.78	18.56	98.29	33.51	
7466	60.7	20.73	98.36	37.66	
7467	66.46	1.56	98.28	31.82	
7468	59.86	17.61	98.36	38.5	
7469	59.61	9.19	98.36	38.75	
7470	57.73	1.69	98.37	40.64	
7471	57.86	7.64	98.37	40.51	
7472	59.92	60.4	98.28	38.36	
7473	58.58	55.23	98.29	39.71	
7474	62.35	1.11	98.29	35.94	
7475	60.81	15.36	98.3	37.49	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
7476	59.78	5.57	98.34	38.56	
7477	57.78	67.57	98.31	40.53	
7478	57.7	48.31	98.36	40.66	
7479	57.56	4.04	98.38	40.82	
7480	57.64	20.71	98.33	40.69	
7481	57.44	94.4	98.38	40.94	
7482	57.64	6.38	98.35	40.71	
7483	57.24	16.79	98.37	41.13	
7484	60.15	39.68	98.3	38.15	
7485	64.72	36.26	98.27	33.55	
7486	60.87	8.99	98.28	37.41	
7487	64.23	19.23	98.28	34.05	
7488	61.21	46.44	98.28	37.07	
7489	58.93	5.02	98.33	39.4	
7490	59.3	38.21	98.31	39.01	
7491	63.52	10.19	98.28	34.76	
7492	57.14	33.64	98.38	41.24	
7493	57.16	13.21	98.37	41.21	
7494	58.21	2.59	98.32	40.11	
7495	57.86	31.4	98.34	40.48	
7496	57.7	5.14	98.35	40.65	
7497	57.33	36.16	98.4	41.07	
7498	57.47	2.07	98.39	40.92	
7499	56.4	1.07	98.43	42.03	
7500	57.15	325.72	98.43	41.28	
7501	57.15	3.77	98.4	41.25	
7502	57.79	37.66	98.37	40.58	
7503	62.34	68.57	98.36	36.02	
7504	67.4	0.3	98.36	30.96	
7505	57.18	21.4	98.37	41.19	
7506	57.71	8.19	98.38	40.67	
7507	58.11	1.3	98.37	40.26	
7508	57.64	2	98.37	40.73	
7509	57.33	15.28	98.37	41.04	
7510	59.67	7.54	98.36	38.69	
7511	57.41	7.95	98.37	40.96	
7512	57.4	34.71	98.37	40.97	
7513	58.11	446.08	98.38	40.27	
7514	57.86	0.35	98.37	40.51	
7515	58.76	0.64	98.36	39.6	
7516	58.24	32.82	98.37	40.13	
7517	58.38	40.53	98.37	39.99	
7518	58.11	38.21	98.37	40.26	
7519	57.94	6.18	98.37	40.43	
7520	59.27	16.09	98.36	39.09	
7521	59.53	0.8	98.36	38.83	
7522	58.81	0.59	98.36	39.55	
7523	58.12	20.71	98.37	40.25	
7524	76.46	9.48	98.26	21.8	
7525	55.38	107.2	94.43	39.05	
7526	53.79	156.94	94.51	40.72	
7527	55.37	45.49	94.72	39.35	
7528	53.58	86.76	94.84	41.26	
7529	65.25	102.84	93.87	28.62	
7530	69.52	23.71	93.97	24.45	
7531	68.84	20.71	93.97	25.13	
7532	63.09	56.68	93.99	30.9	
7533	59.6	63.92	93.87	34.27	
7534	57.54	34.61	94.01	36.47	
7535	60.7	72.9	94.39	33.69	
7536	58.12	14.67	95.13	37.01	
7537	53.59	53.11	95.17	41.58	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
7538	56.31	75.06	95.21	38.9	
7539	57.18	15.29	95.13	37.95	
7540	55.17	38.8	95.28	40.11	
7541	53.2	20.92	95.43	42.23	
7542	55.72	99.51	95.27	39.55	
7543	54.86	104.19	95.19	40.33	
7544	54.92	51.27	95.09	40.17	
7545	54.38	22.88	95.38	41	
7546	53.41	9.91	95.37	41.96	
7547	53.53	42.92	95.76	42.23	
7548	53.53	12.79	95.8	42.27	
7549	53.51	52.2	95.49	41.98	
7550	53.18	39.68	95.66	42.48	
7551	52.56	28.34	96.35	43.79	
7552	52.49	0	97.05	44.56	
7553	52.56	29.63	96.31	43.75	
7554	52.58	76.75	96.01	43.43	
7555	52.62	210.77	95.65	43.03	
7556	52.56	64.7	95.84	43.28	
7557	54.37	7.05	95.5	41.13	
7558	53.43	100.77	96.02	42.59	
7559	52.64	16.43	96.24	43.6	
7560	55.8	2674.41	93.96	38.16	
7561	55.43	34.84	94.06	38.63	
7562	54.51	17.69	94.03	39.52	
7563	51.27	7.87	94.18	42.91	
7564	51.27	2.44	94.13	42.86	
7565	50.05	20.06	94.07	44.02	
7566	51.24	61.1	94.18	42.94	
7567	53.87	22.84	94.41	40.54	
7568	53.39	77.36	94.52	41.13	
7569	53.49	32.82	94.59	41.1	
7570	51.36	10.14	93.91	42.55	
7571	58.86	13.53	93.77	34.91	
7572	55.79	769.69	93.82	38.03	
7573	56.44	1021.77	93.65	37.21	
7574	55.77	6.73	93.42	37.65	
7575	55.49	6.26	93.45	37.96	
7576	55.73	273.92	93.44	37.71	
7577	55.83	557.45	93.45	37.62	
7578	55.63	0	93.46	37.83	
7579	56.49	662.98	93.14	36.65	
7580	44.07	108.31	98.5	54.43	
7581	43.63	29.2	98.86	55.23	
7582	43.65	162.17	97.68	54.03	
7583	43.93	134.46	97.66	53.73	
7584	43.57	6.91	97.68	54.11	
7585	43.57	45.56	98.51	54.94	
7586	56.16	124.54	97.67	41.51	
7587	43.87	91.97	97.68	53.81	
7588	44.48	281.41	97.69	53.21	
7589	45.67	57.94	97.77	52.1	
7590	57.28	129.61	97.71	40.43	
7591	58.3	69.35	97.71	39.41	
7592	58.14	99.36	97.7	39.56	
7593	58.46	26.82	97.73	39.27	
7594	58.4	129.98	97.7	39.3	
7595	57.9	47.69	97.75	39.85	
7596	56.1	18.04	97.68	41.58	
7597	43.3	7.15	98.52	55.22	
7598	43.38	9.75	98.34	54.96	
7599	43.09	23.75	98.45	55.36	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
7600	42.74	49.23	97.8	55.06	
7601	42.74	186.98	97.72	54.98	
7602	42.84	26.82	97.68	54.84	
7603	60.45	10.64	97.67	37.22	
7604	59.74	64.7	97.68	37.94	
7605	58.3	17.77	97.72	39.42	
7606	58.33	2.72	97.73	39.4	
7607	57.76	5.69	97.79	40.03	
7608	43.1	200.28	99.44	56.34	
7609	60.84	917.03	97.61	36.77	
7610	45.28	0	99.59	54.31	
7611	44.08	218.29	99.41	55.33	
7612	61.81	285.04	97.77	35.96	
7613	61.45	328.76	97.82	36.37	
7614	42.17	116.36	99.55	57.38	
7615	51.31	134.8	98.98	47.67	
7616	56.74	51.97	98.17	41.43	
7617	58.91	78.92	98.16	39.25	
7618	54.75	129.78	97.95	43.2	
7619	55.84	60.06	97.69	41.85	
7620	56.35	87.86	97.83	41.48	
7621	56.03	49.97	97.85	41.82	
7622	57.67	48.51	97.73	40.06	
7623	40.85	100.09	99.54	58.69	
7624	42.88	5.14	99.66	56.78	
7625	42.42	113.16	99.51	57.09	
7626	43.11	3.29	99.5	56.39	
7627	42.65	1.69	99.62	56.97	
7628	41.28	41.52	99.51	58.23	
7629	42.14	61.22	99.54	57.4	
7630	42.21	13.59	99.6	57.38	
7631	42.14	63.15	99.51	57.37	
7632	42.39	24.62	99.53	57.14	
7633	42.41	64.94	99.5	57.09	
7634	44.54	2	99.08	54.54	
7635	45.07	25.19	98.49	53.42	
7636	45.53	32.82	98.92	53.39	
7637	45.33	11.09	98.7	53.37	
7638	45.28	262.15	98.08	52.8	
7639	45.65	212.57	98.06	52.41	
7640	48.5	80.31	98.01	49.51	
7641	47.8	377.31	97.9	50.1	
7642	44.94	0.98	98.05	53.11	
7643	46.27	41.57	97.95	51.68	
7644	58.54	0	97.69	39.15	
7645	58.11	117.4	97.69	39.58	
7646	55.71	190.24	97.73	42.02	
7647	55.76	33.57	97.74	41.98	
7648	56.37	43.85	97.67	41.3	
7649	56.27	0	97.66	41.39	
7650	55.72	48.67	97.76	42.04	
7651	56.09	50.06	97.65	41.56	
7652	55.8	48.03	97.74	41.94	
7653	53.77	0	98	44.23	
7654	55.51	226.78	98	42.49	
7655	63.56	0	97.93	34.37	
7656	63.56	62.88	97.92	34.36	
7657	59.25	216.95	97.83	38.58	
7658	56.12	7.01	97.74	41.62	
7659	56.27	469.69	97.65	41.38	
7660	65.08	74.65	97.76	32.68	
7661	63.07	18.01	97.74	34.67	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
7662	61.21	195.04	97.65	36.44	
7663	65.17	0	97.64	32.47	
7664	65.17	0	97.65	32.48	
7665	65.17	0	97.64	32.47	
7666	63.61	207.2	97.62	34.01	
7667	47.2	840.7	98.08	50.88	
7668	55.33	25.12	97.69	42.36	
7669	57.71	65.69	97.69	39.98	
7670	63.53	648.75	97.6	34.07	
7671	55.84	716.32	97.64	41.8	
7672	57.59	1.34	97.6	40.01	
7673	56.34	20.47	97.58	41.24	
7674	56.48	56.33	97.6	41.12	
7675	55.89	15.4	97.54	41.65	
7676	56.22	32.16	97.55	41.33	
7677	54.6	56.77	97.56	42.96	
7678	54.59	347.34	97.59	43	
7679	54.71	91.57	97.56	42.85	
7680	54.7	7.16	97.7	43	
7681	55.15	101.48	97.57	42.42	
7682	55.7	104.92	97.64	41.94	
7683	53.81	60.28	97.51	43.7	
7684	54.15	139.15	97.48	43.33	
7685	54.43	0	97.54	43.11	
7686	54.14	56.38	97.54	43.4	
7687	53.73	21.32	97.53	43.8	
7688	51.61	199.88	97.34	45.73	
7689	51.18	229.46	97.34	46.16	
7690	51.28	69.26	97.36	46.08	
7691	52.59	521.29	97.25	44.66	
7692	52.67	165.17	97.32	44.65	
7693	53.83	67.9	97.48	43.65	
7694	51.59	34.49	97.45	45.86	
7695	50.65	6.18	97.43	46.78	
7696	50.25	105.4	97.49	47.24	
7697	55.81	1077.14	97.48	41.67	
7698	55.35	123.95	97.54	42.19	
7699	54.5	198.04	97.56	43.06	
7700	55.12	914.99	97.59	42.47	
7701	52.24	325.46	97.37	45.13	
7702	51.86	138.81	97.31	45.45	
7703	52.86	279.37	97.29	44.43	
7704	52.1	129.71	97.27	45.17	
7705	49.91	15.46	97.3	47.39	
7706	51.2	52.24	97.27	46.07	
7707	58.61	121.88	97.37	38.76	
7708	64.45	62.25	97.61	33.16	
7709	61.95	49.67	97.45	35.5	
7710	55.05	253.98	97.54	42.49	
7711	52.24	42.98	97.35	45.11	
7712	50.07	115.15	97.39	47.32	
7713	50.35	99.16	97.33	46.98	
7714	49.71	300.41	97.32	47.61	
7715	49.64	87.92	97.35	47.71	
7716	48.83	358.88	97.24	48.41	
7717	49.26	86.1	97.29	48.03	
7718	48.71	16.51	97.33	48.62	
7719	48.11	165.69	97.31	49.2	
7720	47.28	160.77	97.31	50.03	
7721	47.65	61.13	97.32	49.67	
7722	46.49	0	97.35	50.86	
7723	46.8	85.28	97.33	50.53	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
7724	47.88	0	97.32	49.44	
7725	47.95	804.67	97.31	49.36	
7726	48.91	27.12	97.29	48.38	
7727	49.59	40.38	97.28	47.69	
7728	45.03	95.1	97.11	52.08	
7729	46.34	402.33	97.04	50.7	
7730	46.84	116.89	97.01	50.17	
7731	60.19	323.61	97.04	36.85	
7732	54.25	804.88	97.09	42.84	
7733	53.17	228.23	96.67	43.5	
7734	54.61	599.49	96.56	41.95	
7735	55.93	531.31	96.56	40.63	
7736	58.37	822.99	96.69	38.32	
7737	54.68	14.05	96.77	42.09	
7738	56.7	335.76	96.96	40.26	
7739	52.1	46.34	96.6	44.5	
7740	50.79	24.49	96.58	45.79	
7741	49.49	181.36	96.59	47.1	
7742	50.28	847.07	97.31	47.03	
7743	49.6	89.77	97.28	47.68	
7744	51.36	100.82	97.21	45.85	
7745	52.03	91.73	97.34	45.31	
7746	51.3	244.14	97.19	45.89	
7747	51.05	154.01	97.19	46.14	
7748	50.78	116.3	97.21	46.43	
7749	49.92	9.58	97.26	47.34	
7750	49.22	12.71	97.09	47.87	
7751	49.35	102.19	97.27	47.92	
7752	49.43	33.72	97.26	47.83	
7753	49.44	43.88	97.26	47.82	
7754	49.47	3.93	97.2	47.73	
7755	49.28	65.23	97.26	47.98	
7756	48.83	353.73	96.99	48.16	
7757	48.5	25.48	96.97	48.47	
7758	50.8	516.3	96.35	45.55	
7759	48.69	61.79	96.76	48.07	
7760	48.69	0	96.75	48.06	
7761	48.03	0	96.73	48.7	
7762	46.78	1047.57	96.63	49.85	
7763	46.78	0	96.98	50.2	
7764	47.43	0	96.7	49.27	
7765	47.43	0	96.89	49.46	
7766	48.73	311.88	96.68	47.95	
7767	49.16	66.21	96.38	47.22	
7768	49.41	7.99	96.34	46.93	
7769	45.03	344.18	97.1	52.07	
7770	43.55	163.6	96.96	53.41	
7771	42.47	1609.71	96.9	54.43	
7772	43.32	804.67	96.9	53.58	
7773	41.68	202.68	96.91	55.23	
7774	42.61	297.31	96.92	54.31	
7775	41.55	99.78	96.92	55.37	
7776	44.89	6.45	96.67	51.78	
7777	43.75	441.13	96.84	53.09	
7778	43.38	48.98	96.89	53.51	
7779	45.63	1328.8	96.2	50.57	
7780	43.77	1605.94	96.2	52.43	
7781	48.76	453.18	96.68	47.92	
7782	47.38	20.52	96.68	49.3	
7783	45.48	557.74	96.26	50.78	
7784	44.93	89.41	96.89	51.96	
7785	47.43	31.61	96.7	49.27	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
7786	61.4	137.02	96.97	35.57	
7787	58.64	33.38	96.96	38.32	
7788	60.29	112.36	97	36.71	
7789	56.75	2.59	96.96	40.21	
7790	62.56	109.05	96.96	34.4	
7791	59.4	18.4	96.96	37.56	
7792	63.18	36.61	96.96	33.78	
7793	60.79	9.92	96.96	36.17	
7794	62.52	18.83	96.94	34.42	
7795	61.44	0.54	97.16	35.72	
7796	62.25	27.09	96.95	34.7	
7797	57.93	182.89	96.8	38.87	
7798	57.01	91.65	97.09	40.08	
7799	50.35	36.95	97.13	46.78	
7800	50.76	38.32	97.13	46.37	
7801	54.44	13.71	97.14	42.7	
7802	60.59	133.39	96.95	36.36	
7803	59.04	33.09	96.94	37.9	
7804	59.79	2.56	96.95	37.16	
7805	48.61	32.78	97.13	48.52	
7806	52.16	114.36	96.65	44.49	
7807	62.79	48.75	96.96	34.17	
7808	57.94	111.26	96.84	38.9	
7809	61.3	81.97	96.96	35.66	
7810	54.59	322.2	96.86	42.27	
7811	56.79	1.5	96.05	39.26	
7812	56.79	48.98	96.89	40.1	
7813	58.5	11.29	97.17	38.67	
7814	48.2	67.1	96.05	47.85	
7815	52.37	45.38	97.05	44.68	
7816	54.37	13.18	97.18	42.81	
7817	45.33	24.15	97.25	51.92	
7818	61.65	10.45	97.17	35.52	
7819	63.63	19.78	97.17	33.54	
7820	58.45	13.09	97.17	38.72	
7821	57.21	37.07	97.17	39.96	
7822	52.65	139.74	95.85	43.2	
7823	59.97	76.38	97.18	37.21	
7824	44.34	203.63	97.35	53.01	
7825	44.31	31.05	97.42	53.11	
7826	48.37	12.5	97.26	48.89	
7827	44.1	11.12	97.37	53.27	
7828	43.9	263.9	97.16	53.26	
7829	42.91	44.58	97.03	54.12	
7830	43.46	159.24	97.04	53.58	
7831	42.73	236.43	97.02	54.29	
7832	42.5	1609.34	96.98	54.48	
7833	45.81	107.1	98.15	52.34	
7834	47.61	28.24	97.88	50.27	
7835	47.9	0	98.31	50.41	
7836	47.28	0	98.31	51.03	
7837	47.28	4.8	98.33	51.05	
7838	44.58	35.81	98.19	53.61	
7839	42.68	10.96	97.99	55.31	
7840	42.36	173.15	97.86	55.5	
7841	46.83	0	98.88	52.05	
7842	45.93	10.07	98.35	52.42	
7843	44.83	49.3	98.1	53.27	
7844	44.22	3.49	97.52	53.3	
7845	43.1	44.97	97.44	54.34	
7846	44.5	74.69	97.96	53.46	
7847	42.38	58.96	97.99	55.61	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
7848	42.4	77.52	97.92	55.52	
7849	42.59	109.73	97.75	55.16	
7850	43.85	89.3	97.94	54.09	
7851	42.55	70.22	97.86	55.31	
7852	42.19	90.35	97.95	55.76	
7853	42.26	48.45	97.35	55.09	
7854	42.33	110.59	97.13	54.8	
7855	42.14	482.8	97.06	54.92	
7856	45.21	1072.38	99.66	54.45	
7857	44.74	18.4	99.21	54.47	
7858	44.34	806.65	100.3	55.96	
7859	44.25	27.06	100.29	56.04	
7860	42.39	76.39	98.13	55.74	
7861	42.2	41.29	98.15	55.95	
7862	43.08	35.47	100.26	57.18	
7863	42.89	0	100.25	57.36	
7864	44.42	71.64	99.54	55.12	
7865	43.04	137.57	99.49	56.45	
7866	44.58	41.05	99.25	54.67	
7867	43.04	74.81	99.03	55.99	
7868	42.97	72.1	98.54	55.57	
7869	45.21	53.03	98.55	53.34	
7870	42.83	62.99	98.4	55.57	
7871	45.53	78.63	98.3	52.77	
7872	42.45	99.44	98.22	55.77	
7873	45.54	76.82	98.28	52.74	
7874	42.71	1605.94	96.03	53.32	
7875	42.7	51.39	96.03	53.33	
7876	42.74	101.72	96.29	53.55	
7877	42.11	71.43	97.12	55.01	
7878	42.31	59.09	96.81	54.5	
7879	42.76	47.97	96.53	53.77	
7880	42.78	59.84	96.86	54.08	
7881	42.19	62.86	96.66	54.47	
7882	42.74	25.44	96.87	54.13	
7883	42.13	92.3	96.71	54.58	
7884	42.74	56.1	96.94	54.2	
7885	42.07	75.38	96.77	54.7	
7886	43.23	107.81	97.46	54.23	
7887	43.29	206.8	97.47	54.18	
7888	42.87	0.63	97.65	54.78	
7889	42.71	84.17	97.47	54.76	
7890	42.77	102.1	98.72	55.95	
7891	42.8	60.73	98.69	55.89	
7892	42.92	254.45	98.1	55.18	
7893	43.41	126.2	99.08	55.67	
7894	43.88	120.08	99.39	55.51	
7895	43.94	78.43	99.91	55.97	
7896	43.25	218.78	98.43	55.18	
7897	43.32	80.05	97.3	53.98	
7898	43.25	194.14	98.01	54.76	
7899	43.05	315.16	98.15	55.1	
7900	43.02	28.49	97.7	54.68	
7901	42.75	16.39	98.6	55.85	
7902	42.83	617.29	98.88	56.05	
7903	43.25	142.44	96.99	53.74	
7904	44.15	0	96.98	52.83	
7905	42.65	258.45	96.87	54.22	
7906	42.74	24.37	96.83	54.09	
7907	43.78	16.64	99.4	55.62	
7908	43.23	60.62	98.46	55.23	
7909	43.23	100.48	98.16	54.93	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
7910	43.25	258.75	97.97	54.72	
7911	43.29	126.64	97.89	54.6	
7912	43.07	102.11	97.6	54.53	
7913	44.24	143.42	97.4	53.16	
7914	44.46	0	97.4	52.94	
7915	43.58	0	98.98	55.4	
7916	43.38	102.1	98.12	54.74	
7917	43.26	109.89	98.07	54.81	
7918	43.34	49.42	97.89	54.55	
7919	43.49	12.65	97.69	54.2	
7920	44.88	31.33	97.61	52.73	
7921	44.23	0	98.72	54.49	
7922	44.23	51.75	98.28	54.05	
7923	44.26	43.8	97.82	53.56	
7924	43.9	34.2	97.84	53.94	
7925	43.87	113.99	97.62	53.75	
7926	45.48	32.62	97.62	52.14	
7927	44.21	96.02	97.69	53.48	
7928	44.65	101.25	97.68	53.03	
7929	44.16	25.13	97.67	53.51	
7930	44.51	200.04	97.62	53.11	
7931	44.63	176.37	97.68	53.05	
7932	44.81	42.81	97.79	52.98	
7933	44.57	126.82	97.62	53.05	
7934	46.73	48.79	98.23	51.5	
7935	45.53	75.72	97.62	52.09	
7936	45.44	116.78	97.81	52.37	
7937	45.88	23.48	97.95	52.07	
7938	44.19	115.93	97.62	53.43	
7939	43.72	216.08	97.93	54.21	
7940	43.58	220.47	97.66	54.08	
7941	45.66	81.24	97.65	51.99	
7942	50.57	691.81	95.79	45.22	
7943	42.57	821.81	95.89	53.32	
7944	43.05	25.58	96.03	52.98	
7945	41.32	970.08	96.54	55.22	
7946	41.93	1207	96.01	54.08	
7947	42.23	489.06	96.63	54.4	
7948	42.02	820.37	96.9	54.88	
7949	43.32	966.54	95.95	52.63	
7950	42.53	0.31	96.1	53.57	
7951	42.89	150.2	96.17	53.28	
7952	41.79	167.18	96.19	54.4	
7953	41.85	95.37	96.17	54.32	
7954	41.83	71.43	96.17	54.34	
7955	41.84	73.87	96.19	54.35	
7956	41.78	125.7	96.22	54.44	
7957	41.38	188.14	96.23	54.85	
7958	57.73	152.99	98.63	40.9	
7959	55.82	29.37	98.48	42.66	
7960	55.55	3.02	98.49	42.94	
7961	54.43	3.68	98.51	44.08	
7962	46.64	0	94.4	47.76	
7963	46.64	9.82	94.4	47.76	
7964	56.95	10.16	98.91	41.96	
7965	56.95	14.16	98.84	41.89	
7966	60.16	12.67	98.9	38.74	
7967	60.05	11.05	98.9	38.85	
7968	62.53	23.41	98.85	36.32	
7969	62.53	10.83	98.85	36.32	
7970	61.56	68.22	98.86	37.3	
7971	59.94	21.48	98.84	38.9	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
7972	62.54	13.23	98.84	36.3	
7973	60.08	7.58	98.84	38.76	
7974	62.66	19.35	98.84	36.18	
7975	56.95	32.11	98.69	41.74	
7976	56.8	20.08	98.68	41.88	
7977	54.64	3.17	98.68	44.04	
7978	59.75	182.48	98.61	38.86	
7979	56.89	80.82	98.65	41.76	
7980	57.12	47.31	98.64	41.52	
7981	55.33	80.86	98.65	43.32	
7982	54.64	18.44	98.66	44.02	
7983	55.16	22.37	98.66	43.5	
7984	55.24	71.74	98.65	43.41	
7985	54.81	64.64	98.66	43.85	
7986	54.63	3.99	98.66	44.03	
7987	54.54	8.31	98.66	44.12	
7988	54.57	13.41	98.68	44.11	
7989	54.41	26.96	98.67	44.26	
7990	50.36	40.99	98.66	48.3	
7991	54.64	34.25	98.66	44.02	
7992	53.78	45.82	98.66	44.88	
7993	53.92	6.7	98.67	44.75	
7994	54.83	18.68	98.68	43.85	
7995	54.91	52.15	98.69	43.78	
7996	54.86	10.31	98.71	43.85	
7997	55.15	4.24	98.73	43.58	
7998	54.48	90.81	98.73	44.25	
7999	55.06	95.24	98.67	43.61	
8000	54.05	15.89	98.68	44.63	
8001	55.12	23.67	98.69	43.57	
8002	52.59	11.36	98.78	46.19	
8003	53.68	32.16	98.75	45.07	
8004	53.57	0	98.75	45.18	
8005	52.9	14.4	98.84	45.94	
8006	52.68	1.29	98.84	46.16	
8007	52.61	11.31	98.8	46.19	
8008	56.7	24.45	98.76	42.06	
8009	56.58	38.85	98.75	42.17	
8010	58.31	52.04	98.77	40.46	
8011	53.42	47.34	98.76	45.34	
8012	56.59	5.99	98.77	42.18	
8013	52.7	26.47	98.77	46.07	
8014	54.47	25.64	98.78	44.31	
8015	55.73	25.09	98.78	43.05	
8016	56.64	8.31	98.77	42.13	
8017	52.45	987.27	98.99	46.54	
8018	52.21	26.57	98.79	46.58	
8019	53.93	46.05	98.78	44.85	
8020	54.8	64.69	98.78	43.98	
8021	57.06	50.77	98.78	41.72	
8022	56.75	21.96	98.77	42.02	
8023	52.08	35.26	98.79	46.71	
8024	53.7	24.26	98.79	45.09	
8025	54.66	30.11	98.79	44.13	
8026	54.54	29.99	98.79	44.25	
8027	54.1	27.52	98.8	44.7	
8028	54.15	63.3	98.8	44.65	
8029	52.34	36.71	98.8	46.46	
8030	51.68	32.11	98.81	47.13	
8031	51.27	25.66	98.85	47.58	
8032	51.22	40.06	98.87	47.65	
8033	52.28	31.53	98.83	46.55	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
8034	52.94	35.98	98.81	45.87	
8035	52.64	35.61	98.81	46.17	
8036	53.94	44.85	98.81	44.87	
8037	51.29	89.84	98.84	47.55	
8038	51.81	71.93	98.82	47.01	
8039	51.07	19.02	98.86	47.79	
8040	51.19	52.65	98.86	47.67	
8041	51.19	28.69	98.86	47.67	
8042	50.87	25.02	98.86	47.99	
8043	50.69	13.51	98.87	48.18	
8044	50.88	43.28	99	48.12	
8045	51.1	52.06	98.88	47.78	
8046	51.29	39.27	98.87	47.58	
8047	50.85	44.17	98.9	48.05	
8048	50.51	35.58	99.18	48.67	
8049	50.51	0	99.19	48.68	
8050	50.07	0	99.29	49.22	
8051	50.12	31.72	99.3	49.18	
8052	50.45	24.99	98.97	48.52	
8053	50.93	22.81	98.96	48.03	
8054	50.53	43.15	98.94	48.41	
8055	50.24	39	98.92	48.68	
8056	50.58	36.17	98.87	48.29	
8057	50.28	25.72	98.87	48.59	
8058	50.18	45.56	98.89	48.71	
8059	50.58	20.29	98.87	48.29	
8060	51.48	63.3	98.87	47.39	
8061	52.22	56.78	98.87	46.65	
8062	50.35	15.15	98.87	48.52	
8063	53.63	25.92	98.72	45.09	
8064	55.1	22.03	98.74	43.64	
8065	54.1	29.78	98.71	44.61	
8066	54.14	1.08	98.68	44.54	
8067	53.78	36.95	98.73	44.95	
8068	53.16	31.13	98.73	45.57	
8069	52.45	32.15	98.72	46.27	
8070	52.65	14.26	98.74	46.09	
8071	53.19	29.41	98.71	45.52	
8072	53.05	5.56	98.71	45.66	
8073	52.94	6.78	98.7	45.76	
8074	52.53	29.59	98.77	46.24	
8075	52.48	92.44	98.79	46.31	
8076	51.7	40.68	98.73	47.03	
8077	51.86	78.72	98.7	46.84	
8078	51.43	41.42	98.7	47.27	
8079	51.33	90.95	98.68	47.35	
8080	51.11	20.81	98.68	47.57	
8081	51.06	46.44	98.69	47.63	
8082	50.72	44.55	98.69	47.97	
8083	50.8	100.86	98.69	47.89	
8084	50.94	40.97	98.69	47.75	
8085	51.28	76.91	98.69	47.41	
8086	51.43	18.65	98.69	47.26	
8087	50.36	25.6	98.72	48.36	
8088	50.51	33.72	98.74	48.23	
8089	50.77	35.74	98.71	47.94	
8090	50.28	101.69	98.69	48.41	
8091	50.05	35.8	98.76	48.71	
8092	49.94	32.65	98.86	48.92	
8093	50.2	48.27	98.75	48.55	
8094	49.91	61.11	98.76	48.85	
8095	50.89	85.07	98.72	47.83	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
8096	50.15	36.99	98.98	48.83	
8097	49.86	62.82	99.22	49.36	
8098	52.21	30.82	98.66	46.45	
8099	52.94	39.01	98.65	45.71	
8100	52.05	20.17	98.66	46.61	
8101	52.64	45.73	98.64	46	
8102	52.81	9.55	98.65	45.84	
8103	51.67	23.63	98.66	46.99	
8104	53.56	10.48	98.67	45.11	
8105	54.08	12.39	98.66	44.58	
8106	53.66	14.85	98.67	45.01	
8107	54.05	17.35	98.67	44.62	
8108	53.13	72.86	98.66	45.53	
8109	52.84	5.49	98.67	45.83	
8110	52.51	20.55	98.66	46.15	
8111	51.84	115.73	98.66	46.82	
8112	52.55	5.45	98.67	46.12	
8113	52.34	18.46	98.64	46.3	
8114	51.75	68.39	98.64	46.89	
8115	51.63	39.98	98.63	47	
8116	51.69	45.25	98.63	46.94	
8117	51.54	16.46	98.63	47.09	
8118	51.87	19.61	98.64	46.77	
8119	51.94	38.77	98.64	46.7	
8120	52.62	14.35	98.67	46.05	
8121	51.95	28.36	98.64	46.69	
8122	51.49	41.17	98.64	47.15	
8123	51.79	115.26	98.61	46.82	
8124	52.14	106.8	98.62	46.48	
8125	51.56	141.36	98.61	47.05	
8126	51.68	60.11	98.62	46.94	
8127	50.91	6.3	98.64	47.73	
8128	51.48	77.25	98.63	47.15	
8129	51.41	29.49	98.67	47.26	
8130	51.22	35.57	98.63	47.41	
8131	51.38	66.2	98.7	47.32	
8132	50.69	13.73	98.72	48.03	
8133	51.31	149.69	98.69	47.38	
8134	50.87	69.08	98.74	47.87	
8135	53.53	29.59	98.7	45.17	
8136	53.92	57.8	98.67	44.75	
8137	52.85	21.97	98.68	45.83	
8138	53.16	33.39	98.7	45.54	
8139	53.62	45.86	98.76	45.14	
8140	54.05	18.84	98.72	44.67	
8141	54.07	1.08	98.77	44.7	
8142	52.78	28.77	98.84	46.06	
8143	52.85	62.56	98.84	45.99	
8144	53.56	19.15	98.73	45.17	
8145	52.55	29.32	98.68	46.13	
8146	53.27	83.8	98.7	45.43	
8147	53.54	45.36	98.76	45.22	
8148	53.49	21.64	98.79	45.3	
8149	53.22	23.79	98.84	45.62	
8150	52.19	67.76	98.69	46.5	
8151	52.5	64.12	98.84	46.34	
8152	52.56	27.8	98.84	46.28	
8153	52.56	1.23	98.84	46.28	
8154	52.43	24.31	98.84	46.41	
8155	52.65	96.35	98.73	46.08	
8156	52.62	24.23	98.7	46.08	
8157	52.2	25.01	98.78	46.58	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
8158	51.82	6.65	98.82	47	
8159	51.81	370.35	98.84	47.03	
8160	52.64	5.14	98.44	45.8	
8161	52.36	30.22	98.43	46.07	
8162	53.38	197.6	98.53	45.15	
8163	53.55	272.87	98.39	44.84	
8164	52.4	56.82	98.39	45.99	
8165	52.08	70.14	98.41	46.33	
8166	48.71	45.75	98.39	49.68	
8167	51.78	29.23	98.39	46.61	
8168	51.82	1.67	98.39	46.57	
8169	51.29	92.66	98.39	47.1	
8170	54.25	46.85	98.39	44.14	
8171	48.62	28.1	98.39	49.77	
8172	48.86	33.19	99.31	50.45	
8173	49.25	156.28	99.39	50.14	
8174	49.1	24.58	99.87	50.77	
8175	49.43	0	99.87	50.44	
8176	49.68	18.91	99.12	49.44	
8177	49.54	19.82	99.1	49.56	
8178	49.4	25.16	99.12	49.72	
8179	49.56	51.99	99.11	49.55	
8180	49.35	323.77	99.1	49.75	
8181	49.08	5.21	99.31	50.23	
8182	49.08	28.92	99.16	50.08	
8183	49.94	56.08	99.12	49.18	
8184	49.55	92.14	99.12	49.57	
8185	49.61	27.11	99.31	49.7	
8186	49.78	34.92	99.21	49.43	
8187	49.87	78.49	99.16	49.29	
8188	50.08	39.68	99.15	49.07	
8189	50.17	70.31	99.12	48.95	
8190	50.6	29.17	99.11	48.51	
8191	49.94	0	99.32	49.38	
8192	50.61	24.97	99.1	48.49	
8193	49.94	42.14	99.1	49.16	
8194	50.18	40.39	99.1	48.92	
8195	50.08	79	98.99	48.91	
8196	50.18	27.98	99.04	48.86	
8197	50.39	36.91	98.98	48.59	
8198	50.49	6.84	99.02	48.53	
8199	50.19	12.51	99.05	48.86	
8200	50.19	17.04	99.09	48.9	
8201	50.2	75.69	99.1	48.9	
8202	50.14	67.35	99.15	49.01	
8203	49.71	55.68	99.18	49.47	
8204	49.82	30.82	99.33	49.51	
8205	50.12	29.1	99.2	49.08	
8206	49.86	9.27	99.3	49.44	
8207	50.05	10.54	99.06	49.01	
8208	50.05	5.92	99.05	49	
8209	50.19	16.31	99.02	48.83	
8210	50.34	1.18	98.99	48.65	
8211	50.54	27.24	98.87	48.33	
8212	68.3	12.86	98.74	30.44	
8213	70.12	14.81	98.75	28.63	
8214	73.25	26.01	98.75	25.5	
8215	72.82	63.78	98.76	25.94	
8216	69.56	40.17	98.73	29.17	
8217	73.59	63.61	98.73	25.14	
8218	72.26	10.42	98.7	26.44	
8219	73.94	5.22	98.68	24.74	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
8220	81.12	129.1	98.73	17.61	
8221	71.06	13.81	98.54	27.48	
8222	72.24	14.92	98.53	26.29	
8223	70.53	3.54	98.56	28.03	
8224	69.05	12.21	98.6	29.55	
8225	67.61	6.47	98.6	30.99	
8226	87.1	61.29	98.61	11.51	
8227	68.67	2.57	98.69	30.02	
8228	68.67	15.74	98.69	30.02	
8229	89.81	33.92	98.67	8.86	
8230	82.2	24.16	98.64	16.44	
8231	85.57	40.82	98.67	13.1	
8232	81.12	43.98	98.66	17.54	
8233	74.28	156.02	98.69	24.41	
8234	67.77	14.67	98.65	30.88	
8235	57.87	130.36	98.64	40.77	
8236	60.2	8.62	98.61	38.41	
8237	58.89	6.8	98.61	39.72	
8238	58.48	3.01	98.6	40.12	
8239	55.81	36.73	98.61	42.8	
8240	60	18.4	98.59	38.59	
8241	72.47	25.65	98.6	26.13	
8242	69.54	13.32	98.6	29.06	
8243	70.6	45.32	98.55	27.95	
8244	73.16	20.47	98.58	25.42	
8245	67.53	60.17	98.53	31	
8246	68.41	29.45	98.54	30.13	
8247	69.33	7.14	98.55	29.22	
8248	64.62	31.57	98.53	33.91	
8249	64.66	60.93	98.53	33.87	
8250	63.54	11.18	98.53	34.99	
8251	66.25	19.84	98.57	32.32	
8252	65.71	8.48	98.6	32.89	
8253	62.48	53.86	98.54	36.06	
8254	61.39	34.79	98.53	37.14	
8255	61.39	14.79	98.53	37.14	
8256	64.12	26.24	98.56	34.44	
8257	55.61	34.27	98.55	42.94	
8258	55.35	37.94	98.51	43.16	
8259	60.5	90.2	98.33	37.83	
8260	65.48	6.24	98.59	33.11	
8261	55.06	0.33	98.59	43.53	
8262	55.2	103.82	98.54	43.34	
8263	65.3	83.36	98.12	32.82	
8264	68.5	20.7	98.61	30.11	
8265	65.5	44.02	98.55	33.05	
8266	71.78	41.65	98.64	26.86	
8267	70.53	99.32	98.51	27.98	
8268	70.53	2.71	98.51	27.98	
8269	69.56	41.6	98.46	28.9	
8270	68.05	3.43	98.59	30.54	
8271	68.5	48.73	98.44	29.94	
8272	65.22	228.73	98.4	33.18	
8273	55.93	99.16	98.47	42.54	
8274	55.75	1361.44	98.51	42.76	
8275	55.78	53.44	98.52	42.74	
8276	54.4	6.86	98.16	43.76	
8277	55.12	42.54	98.16	43.04	
8278	55.12	169.73	98.26	43.14	
8279	54.54	9.75	98.39	43.85	
8280	55.41	88.78	98.22	42.81	
8281	54.34	3.71	98.47	44.13	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
8282	59.24	17.99	98.54	39.3	
8283	59.7	6.25	98.53	38.83	
8284	56.17	61.77	98.4	42.23	
8285	57.65	27.87	98.53	40.88	
8286	55.87	32.98	98.4	42.53	
8287	57.26	53.81	98.38	41.12	
8288	55.62	79.57	98.38	42.76	
8289	57.91	31.41	98.38	40.47	
8290	55.64	54.11	98.62	42.98	
8291	55.1	118.68	98.29	43.19	
8292	57.83	8.73	98.49	40.66	
8293	56.94	0.97	98.49	41.55	
8294	57.18	24.06	98.49	41.31	
8295	57.42	0	98.49	41.07	
8296	56.84	4.16	98.49	41.65	
8297	56.69	5.01	98.49	41.8	
8298	56.47	8.28	98.49	42.02	
8299	56.66	20.7	98.45	41.79	
8300	56.64	8.91	98.45	41.81	
8301	56.47	83.33	98.45	41.98	
8302	57.18	0	98.42	41.24	
8303	57.18	17.14	98.43	41.25	
8304	57.15	19.11	98.43	41.28	
8305	57.09	23.2	98.43	41.34	
8306	56.92	10.36	98.44	41.52	
8307	90.85	5.11	163.23	72.38	
8308	60.37	4.54	98.2	37.83	
8309	60.54	40.45	98.25	37.71	
8310	58.21	22.56	98.32	40.11	
8311	58.69	54.6	98.3	39.61	
8312	57.85	5.77	98.33	40.48	
8313	57.85	44.21	98.42	40.57	
8314	57.87	19.55	98.31	40.44	
8315	57.58	5.19	98.3	40.72	
8316	57.41	20.21	98.3	40.89	
8317	57.89	19.76	98.3	40.41	
8318	58.07	55.82	98.28	40.21	
8319	58.46	35.88	97.84	39.38	
8320	58.11	1.53	98.28	40.17	
8321	57.87	22.52	98.19	40.32	
8322	58.52	813.29	97.66	39.14	
8323	60.43	0.18	98.25	37.82	
8324	59.35	4.7	98.1	38.75	
8325	58.78	9.44	98.08	39.3	
8326	60.94	54.6	98.14	37.2	
8327	60.25	0.82	98.16	37.91	
8328	61.23	14.71	98.15	36.92	
8329	61.85	4.09	98.16	36.31	
8330	61.54	33.61	98.14	36.6	
8331	61.24	43.81	98.14	36.9	
8332	59.84	4.24	98.14	38.3	
8333	62.93	123.62	98.18	35.25	
8334	62.93	0	98.21	35.28	
8335	61.67	9.71	98.15	36.48	
8336	61.48	17.64	98.15	36.67	
8337	62.26	16.73	98.15	35.89	
8338	63.56	4.13	98.16	34.6	
8339	62.68	6.72	98.15	35.47	
8340	64.19	51.43	98.15	33.96	
8341	66.37	0	98.19	31.82	
8342	66.37	55.11	98.19	31.82	
8343	62.75	0.74	98.15	35.4	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
8344	64.78	2.08	98.15	33.37	
8345	63.44	11.87	98.15	34.71	
8346	65.45	11.39	98.16	32.71	
8347	63.41	3.97	98.15	34.74	
8348	66.45	60	98.16	31.71	
8349	62.58	216.42	98.15	35.57	
8350	62.57	5.99	98.15	35.58	
8351	60.79	9.5	98.15	37.36	
8352	61.63	10.04	98.15	36.52	
8353	60.9	0.96	98.15	37.25	
8354	60.53	24.43	98.14	37.61	
8355	59.63	13.42	98.13	38.5	
8356	60.37	19	98.14	37.77	
8357	59.64	17.14	98.14	38.5	
8358	60.28	10.55	98.14	37.86	
8359	60.26	8.27	98.14	37.88	
8360	59.62	6.56	98.12	38.5	
8361	59.29	0.44	98.12	38.83	
8362	59.18	16.15	98.11	38.93	
8363	61.08	11.54	98.15	37.07	
8364	73.06	6.2	177.45	104.39	
8365	77.35	5.47	177.45	100.1	
8366	95.16	4.36	177.44	82.28	
8367	70.85	13.17	177.43	106.58	
8368	74.8	0	177.44	102.64	
8369	77.69	7.77	177.44	99.75	
8370	93.51	0.6	177.43	83.92	
8371	91.83	1.78	177.43	85.6	
8372	100.76	7.7	177.43	76.67	
8373	106.09	0.67	177.43	71.34	
8374	50.46	159.45	99.59	49.13	
8375	48.68	31.59	99.74	51.06	
8376	48.88	26.81	99.69	50.81	
8377	48.38	19.69	99.75	51.37	
8378	48.45	22.93	99.77	51.32	
8379	48.78	56.28	99.83	51.05	
8380	48.58	18.17	99.96	51.38	
8381	49.24	11.54	99.55	50.31	
8382	47.86	92.51	99.85	51.99	
8383	48.81	32.72	99.8	50.99	
8384	48.68	44.36	99.79	51.11	
8385	48.44	30.64	99.81	51.37	
8386	49.05	10.8	99.32	50.27	
8387	49.34	45.21	99.32	49.98	
8388	48.68	1.86	99.59	50.91	
8389	48.42	8.37	99.6	51.18	
8390	48.67	25.91	99.55	50.88	
8391	48.65	6.78	99.58	50.93	
8392	48.46	27.98	99.57	51.11	
8393	48.89	61	99.45	50.56	
8394	48.46	36.13	99.48	51.02	
8395	48.71	79.49	99.83	51.12	
8396	48.72	43.55	99.81	51.09	
8397	48.8	36.13	99.84	51.04	
8398	48.72	29.78	99.86	51.14	
8399	48.85	4.58	99.87	51.02	
8400	48.71	6.67	99.89	51.18	
8401	48.93	9.38	99.88	50.95	
8402	48.75	8.56	99.91	51.16	
8403	48.93	9.61	99.74	50.81	
8404	48.74	85.03	99.74	51	
8405	48.66	37.48	99.58	50.92	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
8406	48.65	16.6	99.64	50.99	
8407	48.68	8.38	99.61	50.93	
8408	48.9	23.94	99.86	50.96	
8409	48.31	40.69	100.01	51.7	
8410	47.49	109.19	100	52.51	
8411	48.74	5.77	100.02	51.28	
8412	48.74	0	100.02	51.28	
8413	48.73	10.77	100	51.27	
8414	47.85	39.9	99.99	52.14	
8415	48.72	11.55	100	51.28	
8416	48.72	0	100	51.28	
8417	48.71	6.91	100	51.29	
8418	48.86	0	100	51.14	
8419	48.69	7.36	100	51.31	
8420	47.89	106.06	99.98	52.09	
8421	48.8	40.97	100	51.2	
8422	48.76	2.79	100	51.24	
8423	48.76	24.67	100	51.24	
8424	48.7	2.68	100	51.3	
8425	48.55	37.66	100	51.45	
8426	48.75	5.57	99.99	51.24	
8427	48.06	6.93	100	51.94	
8428	47.92	21.62	99.93	52.01	
8429	48.62	6.85	99.98	51.36	
8430	47.7	12.52	99.94	52.24	
8431	48.63	26.72	100	51.37	
8432	48.06	0	100	51.94	
8433	46.82	20.22	99.95	53.13	
8434	47.61	24.01	99.96	52.35	
8435	46.78	45.64	99.95	53.17	
8436	46.88	1.15	99.98	53.1	
8437	46.69	29.49	99.96	53.27	
8438	47.25	14.85	100.02	52.77	
8439	47.43	83.24	100.02	52.59	
8440	46.72	42.88	100.03	53.31	
8441	46.73	10.58	100.07	53.34	
8442	47.13	50.12	100.07	52.94	
8443	46.92	21.86	100.08	53.16	
8444	46.46	25.64	100.13	53.67	
8445	56.55	10.16	99.25	42.7	
8446	56.48	20.97	99.25	42.77	
8447	58.05	6.4	99.32	41.27	
8448	58.17	8.34	99.3	41.13	
8449	61.27	122.99	99.37	38.1	
8450	57.81	86.42	99.33	41.52	
8451	61.05	229.29	99.15	38.1	
8452	60.84	14.4	99.25	38.41	
8453	60.87	281.49	99.12	38.25	
8454	56.94	37.21	99.23	42.29	
8455	57.22	54.4	99.26	42.04	
8456	57.82	1.74	99.29	41.47	
8457	57.06	10.48	99.26	42.2	
8458	56.41	23.63	99.25	42.84	
8459	57.76	12.74	99.28	41.52	
8460	56.16	60.25	99.26	43.1	
8461	55.69	7.86	99.25	43.56	
8462	56.77	54.68	99.26	42.49	
8463	56.3	55.35	99.25	42.95	
8464	55.94	9.16	99.25	43.31	
8465	56.44	77.19	99.25	42.81	
8466	56.5	44.1	99.25	42.75	
8467	56.61	20.48	99.25	42.64	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
8468	56.29	50.32	99.25	42.96	
8469	53.28	124.1	99.22	45.94	
8470	54.77	42.69	99.24	44.47	
8471	54.05	25.75	99.27	45.22	
8472	51.78	135.63	99.52	47.74	
8473	51.37	69.32	99.64	48.27	
8474	51.79	34.46	99.57	47.78	
8475	52.17	36.51	99.7	47.53	
8476	52.14	150.7	99.7	47.56	
8477	50.69	65.36	99.63	48.94	
8478	50.45	59.29	99.6	49.15	
8479	51.53	120.39	99.6	48.07	
8480	50.41	91.87	99.65	49.24	
8481	50.38	52.47	99.73	49.35	
8482	51.23	48.05	99.68	48.45	
8483	48.06	1.41	99.86	51.8	
8484	48.06	0	99.86	51.8	
8485	48.07	9.44	99.84	51.77	
8486	48.41	45.66	100.15	51.74	
8487	48.31	27.02	100.11	51.8	
8488	48.42	3.21	100.22	51.8	
8489	48.34	6.04	100.14	51.8	
8490	48.62	290.42	100.28	51.66	
8491	48.43	38.14	100.1	51.67	
8492	48.61	33.87	100.05	51.44	
8493	48.65	19.26	100.01	51.36	
8494	48.5	29.08	100.02	51.52	
8495	48.62	49.05	100.03	51.41	
8496	48.66	56.35	100.08	51.42	
8497	48.41	38.87	100.08	51.67	
8498	48.41	74.33	100.09	51.68	
8499	47.44	0.77	100.11	52.67	
8500	47.11	10.4	100.07	52.96	
8501	47.7	34.42	100.06	52.36	
8502	48.37	99.8	100.02	51.65	
8503	48.05	29.99	100.02	51.97	
8504	47.71	12.95	100.02	52.31	
8505	47.1	19.76	100.04	52.94	
8506	46.61	6.22	100.05	53.44	
8507	46.77	48.04	100.03	53.26	
8508	46.69	47.9	100.02	53.33	
8509	46.46	109.51	100.02	53.56	
8510	46.59	29.51	100.02	53.43	
8511	47.06	45.49	100.02	52.96	
8512	46.11	21.62	100.04	53.93	
8513	46.16	15.49	100.04	53.88	
8514	45.88	10.85	100.06	54.18	
8515	45.73	18.44	94.4	48.67	
8516	45.37	0	94.4	49.03	
8517	45.31	0	94.4	49.09	
8518	45.31	6.81	94.4	49.09	
8519	48.63	209.3	94.25	45.62	
8520	52.23	24.98	94.25	42.02	
8521	51.27	6.71	94.42	43.15	
8522	45.46	8.42	94.42	48.96	
8523	45.93	29.85	94.42	48.49	
8524	45.81	14.46	94.42	48.61	
8525	45.82	7.33	94.43	48.61	
8526	45.65	8.37	94.42	48.77	
8527	45.9	8.05	94.43	48.53	
8528	45.62	35.48	94.42	48.8	
8529	45.57	1.57	94.45	48.88	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
8530	45.32	5.48	94.43	49.11	
8531	46.26	54.2	94.48	48.22	
8532	46.4	50.44	94.51	48.11	
8533	46.17	31	94.58	48.41	
8534	48.22	0	94.75	46.53	
8535	48.22	3.46	94.74	46.52	
8536	47.66	4.42	94.71	47.05	
8537	49.44	13.86	94.75	45.31	
8538	47.06	33.75	94.65	47.59	
8539	46.42	10.89	94.58	48.16	
8540	46.26	8.53	94.58	48.32	
8541	46.24	5.99	94.58	48.34	
8542	46.33	26.2	94.59	48.26	
8543	46.91	3.76	94.61	47.7	
8544	47.09	37.71	94.61	47.52	
8545	47.06	15.64	94.63	47.57	
8546	47.16	23.7	94.63	47.47	
8547	47.38	14.75	94.65	47.27	
8548	47.05	11.37	94.65	47.6	
8549	46.75	9.01	94.6	47.85	
8550	46.47	31.39	94.59	48.12	
8551	46.13	7.64	94.56	48.43	
8552	46.42	14.16	94.56	48.14	
8553	46.42	20.18	94.58	48.16	
8554	46.2	6.7	94.54	48.34	
8555	46.5	60.11	94.49	47.99	
8556	45.87	7.66	94.5	48.63	
8557	45.91	12.66	94.51	48.6	
8558	46.28	6.96	94.51	48.23	
8559	46.28	7.76	94.52	48.24	
8560	45.71	9.55	94.48	48.77	
8561	45.9	23.28	94.46	48.56	
8562	45.56	18.74	94.47	48.91	
8563	45.74	8.83	94.45	48.71	
8564	48.21	27.92	94.46	46.25	
8565	45.53	8.96	94.47	48.94	
8566	48.22	36.26	94.73	46.51	
8567	47.16	4.92	94.65	47.49	
8568	45.85	27.06	94.54	48.69	
8569	45.53	4.98	94.47	48.94	
8570	45.84	6.91	94.43	48.59	
8571	45.53	4.42	94.41	48.88	
8572	48.69	164.22	94.4	45.71	
8573	45.89	59.11	94.4	48.51	
8574	56.82	19.51	94.31	37.49	
8575	54.05	11.89	94.31	40.26	
8576	55.38	8.26	94.31	38.93	
8577	54.74	20.88	94.31	39.57	
8578	53.58	9.66	94.31	40.73	
8579	53.78	33.6	94.31	40.53	
8580	53.68	33.95	94.31	40.63	
8581	52.57	22.72	94.31	41.74	
8582	53.21	7.68	94.31	41.1	
8583	53.14	33.46	94.31	41.17	
8584	51.44	17.91	94.31	42.87	
8585	51.81	11.51	94.31	42.5	
8586	52.07	51.32	94.31	42.24	
8587	52.29	10.32	94.32	42.03	
8588	50.38	39.61	94.32	43.94	
8589	49.58	23.95	94.32	44.74	
8590	50.38	3.09	94.32	43.94	
8591	48.62	4.28	94.33	45.71	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
8592	49.12	17.79	94.33	45.21	
8593	49.44	8.79	94.34	44.9	
8594	51.12	29.9	94.31	43.19	
8595	52.48	8.18	94.33	41.85	
8596	52.42	37.85	94.31	41.89	
8597	53.23	0.33	94.29	41.06	
8598	52.1	98.85	94.31	42.21	
8599	51.09	59.44	94.31	43.22	
8600	49.19	40.24	94.33	45.14	
8601	48.88	11.26	94.35	45.47	
8602	52.61	0	94.3	41.69	
8603	52.17	90.95	94.37	42.2	
8604	51.39	20.82	94.31	42.92	
8605	51.11	25.32	94.41	43.3	
8606	51.05	9.14	94.31	43.26	
8607	50.57	9.86	94.32	43.75	
8608	50.61	45.41	94.31	43.7	
8609	50.48	6.78	94.33	43.85	
8610	50.16	55.01	94.31	44.15	
8611	49.11	6.15	94.32	45.21	
8612	48.83	11.26	94.35	45.52	
8613	51.35	17.92	94.41	43.06	
8614	48.6	9.6	94.38	45.78	
8615	66.66	21.45	93.96	27.3	
8616	67.15	7.36	93.99	26.84	
8617	65.32	10.03	93.99	28.67	
8618	66.23	9.06	93.96	27.73	
8619	67.12	1	93.96	26.84	
8620	65.94	23.45	93.98	28.04	
8621	65.27	61.9	93.96	28.69	
8622	63.41	23.19	93.96	30.55	
8623	63.45	3.94	93.97	30.52	
8624	63.82	20	93.96	30.14	
8625	63.05	22.45	93.96	30.91	
8626	61.25	17.66	93.97	32.72	
8627	59.8	10.24	93.97	34.17	
8628	63.8	22.71	93.96	30.16	
8629	62.17	8.85	93.96	31.79	
8630	57.59	23.37	93.97	36.38	
8631	56.66	13.32	93.97	37.31	
8632	56.6	2.27	93.97	37.37	
8633	57.55	26.22	93.97	36.42	
8634	58.92	2.02	93.97	35.05	
8635	61.73	14.63	93.96	32.23	
8636	60.17	41.4	93.96	33.79	
8637	60.29	0.31	93.97	33.68	
8638	59.05	4.02	93.98	34.93	
8639	54.12	54.81	93.98	39.86	
8640	56.24	27.87	93.98	37.74	
8641	69.74	32.31	93.99	24.25	
8642	71.91	60.67	93.96	22.05	
8643	69.74	0	94.01	24.27	
8644	59.05	31.42	94.13	35.08	
8645	59.05	25.08	93.99	34.94	
8646	58.68	5.76	93.9	35.22	
8647	68.06	897.64	93.5	25.44	
8648	55.68	123.62	93.5	37.82	
8649	53.65	10.12	94.03	40.38	
8650	68.1	10.24	94.15	26.05	
8651	53.23	4.58	94.11	40.88	
8652	52.84	5.42	94.07	41.23	
8653	52.73	41.05	94.06	41.33	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
8654	61.86	20.55	94.14	32.28	
8655	50.8	5.64	94.06	43.26	
8656	53.52	20.84	94.05	40.53	
8657	50.34	61.7	94.06	43.72	
8658	54.33	213	93.14	38.81	
8659	69.93	2.41	94.35	24.42	
8660	69.93	1.81	94.33	24.4	
8661	56.45	50.1	94.43	37.98	
8662	55.39	24.11	95.07	39.68	
8663	54.87	4.77	94.37	39.5	
8664	69.55	4.09	94.36	24.81	
8665	69.12	46.81	94.36	25.24	
8666	63.46	67.17	94.39	30.93	
8667	65.1	21.6	94.38	29.28	
8668	70.2	49.68	94.35	24.15	
8669	57.81	66.38	94.56	36.75	
8670	60.86	37.7	94.49	33.63	
8671	65.68	40.11	94.32	28.64	
8672	67.45	33.34	94.32	26.87	
8673	60.86	8.71	94.34	33.48	
8674	69.68	26.07	94.33	24.65	
8675	60.23	19.91	94.54	34.31	
8676	57.29	25.72	94.55	37.26	
8677	54.24	8.97	94.55	40.31	
8678	57.46	45.53	95.07	37.61	
8679	53.16	22.53	94.97	41.81	
8680	55.94	19.48	95.08	39.14	
8681	53.66	20.08	94.53	40.87	
8682	54.78	40.43	94.52	39.74	
8683	50.92	10.74	94.49	43.57	
8684	54.29	55.28	94.43	40.14	
8685	50.08	8.76	94.48	44.4	
8686	52.12	16.3	94.42	42.3	
8687	53.29	29.75	95.12	41.83	
8688	52.8	33.17	94.79	41.99	
8689	52.12	0.57	94.8	42.68	
8690	54.87	57.39	94.37	39.5	
8691	54.24	5.82	94.68	40.44	
8692	53.63	14.34	94.69	41.06	
8693	53.63	19.55	94.65	41.02	
8694	64.53	5.19	94.7	30.17	
8695	53.66	8.43	94.58	40.92	
8696	58.56	62.67	94.58	36.02	
8697	56.29	11.21	94.59	38.3	
8698	70.56	16.15	94.62	24.06	
8699	56.29	12.21	94.59	38.3	
8700	56.75	41.13	94.59	37.84	
8701	67.83	21.6	94.66	26.83	
8702	53.26	9.16	94.63	41.37	
8703	73.34	8.04	94.61	21.27	
8704	52.55	6.14	94.67	42.12	
8705	56.75	17.43	94.34	37.59	
8706	64.52	7.82	94.7	30.18	
8707	68.81	6.56	94.61	25.8	
8708	68.3	1.04	94.73	26.43	
8709	67.11	6.78	94.61	27.5	
8710	72.83	40.69	94.31	21.48	
8711	66.18	9.96	94.31	28.13	
8712	72.84	61.6	94.31	21.47	
8713	68.62	17.71	94.3	25.68	
8714	73.1	9.08	94.31	21.21	
8715	71.68	20.59	94.31	22.63	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
8716	54.69	1.33	94.47	39.78	
8717	54.69	0.33	94.47	39.78	
8718	65.88	15.38	94.47	28.59	
8719	59.91	19.33	94.49	34.58	
8720	61.32	35.02	94.48	33.16	
8721	62.57	15.09	94.49	31.92	
8722	57.55	27.7	94.48	36.93	
8723	64.44	12.91	94.48	30.04	
8724	58.63	23.94	94.49	35.86	
8725	56.88	0	94.5	37.62	
8726	56.29	9.91	94.5	38.21	
8727	61.22	0	94.49	33.27	
8728	61.22	0	94.49	33.27	
8729	61.23	40.47	94.48	33.25	
8730	68.31	24.02	94.47	26.16	
8731	67.38	33.5	94.44	27.06	
8732	67.15	0	94.42	27.27	
8733	70.15	29.51	94.45	24.3	
8734	68.22	0	94.45	26.23	
8735	70.12	8.63	94.44	24.32	
8736	60.17	35.52	94.43	34.26	
8737	65.69	50.85	94.4	28.71	
8738	65.09	7.04	94.44	29.35	
8739	59.16	23.45	94.42	35.26	
8740	55.07	11.02	94.41	39.34	
8741	56.22	33.5	94.41	38.19	
8742	46.95	0.67	94.41	47.46	
8743	50.12	37.41	94.41	44.29	
8744	51.61	1	94.42	42.81	
8745	47.74	4.94	94.38	46.64	
8746	55.53	1290.41	94.38	38.85	
8747	59.4	30.48	94.51	35.11	
8748	56.31	14.23	94.53	38.22	
8749	56.58	25.3	94.51	37.93	
8750	61.42	83.43	94.49	33.07	
8751	59.27	10.98	94.51	35.24	
8752	63.91	22.34	94.49	30.58	
8753	66.39	36.97	94.48	28.09	
8754	66.07	5.72	94.48	28.41	
8755	55.2	193.02	94.54	39.34	
8756	57.91	248.39	94.53	36.62	
8757	59.7	53.3	94.52	34.82	
8758	65.49	78.56	94.74	29.25	
8759	56.65	25.01	94.54	37.89	
8760	64.45	32.93	94.79	30.34	
8761	62.7	7.66	94.87	32.17	
8762	62.36	27.15	94.75	32.39	
8763	67.08	0	94.85	27.77	
8764	67.11	16.05	94.83	27.72	
8765	66.91	31.57	94.74	27.83	
8766	61.8	0	94.8	33	
8767	61.75	16.43	94.79	33.04	
8768	64.9	0.63	94.78	29.88	
8769	66.75	17.47	94.78	28.03	
8770	62.42	10.13	94.75	32.33	
8771	62.58	6.82	94.74	32.16	
8772	62.29	31.39	94.75	32.46	
8773	60.8	17.09	94.77	33.97	
8774	57.58	9.08	94.76	37.18	
8775	61.8	5.58	94.78	32.98	
8776	60.67	27.72	94.77	34.1	
8777	53.92	8.27	94.76	40.84	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
8778	65.84	96.52	94.76	28.92	
8779	62.57	25.66	94.76	32.19	
8780	66.91	2.02	94.74	27.83	
8781	72.41	31.54	94.58	22.17	
8782	64.45	43.81	94.76	30.31	
8783	49.58	0.88	94.89	45.31	
8784	50.47	21.63	94.61	44.14	
8785	50.99	18.91	94.61	43.62	
8786	51.18	13.26	94.6	43.42	
8787	50.69	1371.96	94.56	43.87	
8788	47.53	121.01	94.57	47.04	
8789	48.76	107.69	94.96	48.2	
8790	51.14	34.16	94.79	43.65	
8791	45.75	0.63	94.87	49.12	
8792	45.78	6.02	94.77	48.99	
8793	46.07	5.01	94.76	48.69	
8794	46.07	11.32	94.74	48.67	
8795	45.32	31.83	94.78	49.46	
8796	48.91	11.51	94.73	45.82	
8797	45.81	9.25	94.73	48.92	
8798	45.55	42.87	94.69	49.14	
8799	45.57	3.05	94.69	49.12	
8800	45.57	54.96	94.65	49.08	
8801	81.41	0	101.6	20.19	
8802	79.18	0	157.63	78.45	
8803	79.18	0	93.98	14.8	
8804	81.41	0	157.63	76.22	
8805	83.84	5.47	101.6	17.76	
8806	80	0	93.98	13.98	
8807	74.08	16.93	93.98	19.9	
8808	66.68	5.8	93.97	27.29	
8809	67.39	0.33	93.97	26.58	
8810	71.43	0	93.98	22.55	
8811	71.05	59.87	93.95	22.9	
8812	64.18	14.66	93.95	29.77	
8813	66.15	4.53	93.8	27.65	
8814	65.94	8.27	93.79	27.85	
8815	74.63	17.35	93.7	19.07	
8816	73.2	20.54	93.65	20.45	
8817	72.77	25.92	93.64	20.87	
8818	71.44	59.76	93.64	22.2	
8819	65.43	338.04	93.97	28.54	
8820	67.68	36.63	93.75	26.07	
8821	70.25	27.77	93.69	23.44	
8822	61.22	71.49	93.63	32.41	
8823	67.1	735.04	93.54	26.44	
8824	71.54	347.14	93.54	22	
8825	66.12	37.41	93.54	27.42	
8826	66.09	85.25	93.55	27.46	
8827	63.74	25.34	93.59	29.85	
8828	65.64	62.49	93.58	27.94	
8829	66.55	274.46	93.58	27.03	
8830	67.7	7.3	93.55	25.85	
8831	67.61	19.55	93.55	25.94	
8832	68.56	29.26	93.63	25.07	
8833	70.22	81.23	93.58	23.36	
8834	68.58	25.01	93.73	25.15	
8835	66.62	14.4	93.76	27.14	
8836	67.22	9.55	93.76	26.54	
8837	69.18	12.77	93.75	24.57	
8838	73.31	12.49	93.75	20.44	
8839	72.83	11.52	93.62	20.79	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
8840	66.42	53.66	93.82	27.4	
8841	65.66	38.92	93.83	28.17	
8842	66.6	16.35	93.81	27.21	
8843	70.17	15.38	93.82	23.65	
8844	67.54	264.97	91.6	24.06	
8845	69.779	1.96	98.89	29.11	
8846	68.84	28.41	98.89	30.05	
8847	72.18	7.89	98.89	26.71	
8848	68.68	6.14	98.89	30.21	
8849	68.4	85.74	98.89	30.49	
8850	72.16	3.62	98.9	26.74	
8851	70.78	208.6	98.89	28.11	
8852	69.55	108.59	98.89	29.34	
8853	60.54	15.13	98.89	38.35	
8854	64.89	1.7	98.9	34.01	
8855	69.47	74.83	98.91	29.44	
8856	68.72	20.45	98.91	30.19	
8857	67.62	19.47	98.91	31.29	
8858	69.8	1720.66	98.89	29.09	
8859	64.13	250.6	98.89	34.76	
8860	61.05	134.78	98.91	37.86	
8861	60.06	0.67	98.93	38.87	
8862	61.46	23.79	98.91	37.45	
8863	71.78	70.05	98.94	27.16	
8864	58.91	443.72	97.78	38.87	
8865	57.52	1203.74	99	41.48	
8866	58.4	217.21	98.93	40.53	
8867	60.4	6.15	99.01	38.61	
8868	61.94	33.6	99.05	37.11	
8869	71.05	733.07	98.96	27.91	
8870	58.05	435.98	98.81	40.76	
8871	59.94	151.05	98.78	38.84	
8872	56.23	19.52	98.77	42.54	
8873	56.59	17.12	98.76	42.17	
8874	57.46	281.47	98.33	40.87	
8875	66.65	0	98.96	32.31	
8876	65.9	5.36	98.96	33.06	
8877	61.67	37.06	98.77	37.1	
8878	61.34	6.15	99.06	37.72	
8879	60.24	13.44	99.05	38.81	
8880	60.37	25.34	98.76	38.39	
8881	56.82	32.78	99.02	42.2	
8882	56.82	119.67	99.08	42.26	
8883	53.41	0.81	99.19	45.78	
8884	51.22	0.83	99.19	47.97	
8885	62.49	2.87	94.3	31.81	
8886	62.32	10.13	94.3	31.98	
8887	59.74	9.33	94.28	34.54	
8888	59.73	7.36	94.28	34.55	
8889	57.38	0.33	94.2	36.82	
8890	57.38	388.55	94.19	36.81	
8891	58.52	7.71	94.26	35.74	
8892	60.62	5.52	94.3	33.68	
8893	61.64	0.67	94.3	32.66	
8894	56.94	48.69	94.46	37.52	
8895	59.4	0	94.55	35.15	
8896	59.4	0	94.57	35.17	
8897	59.4	0	94.5	35.1	
8898	59.57	1.59	94.32	34.75	
8899	55.64	400.79	94.26	38.62	
8900	58.07	40.31	94.26	36.19	
8901	58.59	6.11	94.27	35.68	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
8902	56.91	7.78	94.25	37.34	
8903	56.52	36.56	94.26	37.74	
8904	57.56	17.5	94.27	36.71	
8905	60.2	5.42	94.28	34.08	
8906	59.82	3.88	94.28	34.46	
8907	60.38	279.66	94.34	33.96	
8908	64.72	15.16	94.3	29.58	
8909	64.53	7.21	94.3	29.77	
8910	63.3	4.61	94.3	31	
8911	63.35	20.58	94.3	30.95	
8912	63.76	11.63	94.3	30.54	
8913	61.69	19.59	94.3	32.61	
8914	61.77	24.69	94.3	32.53	
8915	63.06	6.29	94.3	31.24	
8916	61.34	24.12	94.3	32.96	
8917	61.34	6.46	94.3	32.96	
8918	63.11	68.17	94.3	31.19	
8919	60.62	33.17	94.29	33.67	
8920	71.05	354.24	94.29	23.24	
8921	60.09	30.75	94.31	34.22	
8922	58.5	56.32	94.3	35.8	
8923	58.07	40.98	94.3	36.23	
8924	58.07	47.22	94.3	36.23	
8925	57.73	8.17	94.3	36.57	
8926	57.17	6.29	94.41	37.24	
8927	57.63	2.61	94.42	36.79	
8928	56.78	0	94.42	37.64	
8929	56.39	74.88	94.38	37.99	
8930	56.4	8.5	94.39	37.99	
8931	57.84	45.25	94.38	36.54	
8932	59.4	4.49	94.45	35.05	
8933	58.92	10.53	94.39	35.47	
8934	59.61	31.74	94.27	34.66	
8935	59.77	5.85	94.29	34.52	
8936	56.39	142.64	94.24	37.85	
8937	63.88	44.96	94.29	30.41	
8938	65.9	1.22	94.63	28.73	
8939	63.62	11.57	94.47	30.85	
8940	63.36	86.2	94.54	31.18	
8941	68.15	22.87	94.42	26.27	
8942	62.72	20.99	94.44	31.72	
8943	59.59	44.59	94.32	34.73	
8944	64.15	58.5	94.63	30.48	
8945	66.26	34.98	94.63	28.37	
8946	62.93	15.98	94.64	31.71	
8947	59.92	50.05	94.65	34.73	
8948	59.49	30.77	94.65	35.16	
8949	57.48	12.26	94.65	37.17	
8950	59.49	9.97	94.66	35.17	
8951	57.48	14.63	94.66	37.18	
8952	57.56	29.26	94.67	37.11	
8953	59.79	9.35	94.65	34.86	
8954	57.38	3.54	94.74	37.36	
8955	55.18	12.22	94.72	39.54	
8956	54.34	6.11	94.72	40.38	
8957	53.2	87.12	94.74	41.54	
8958	54.45	31.01	94.74	40.29	
8959	103.5	4.34	201.43	97.93	
8960	103.5	3.12	163.21	59.71	
8961	111.7	3.27	163.24	51.54	
8963	89.9	37.12	163.11	73.21	
8964	92.1	4.24	163.08	70.98	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
8965	88.9	13.74	163.08	74.18	
8966	86.3	1.74	163.08	76.78	
8967	84.8	9.42	163.08	78.28	
8968	79.1	18.77	163.11	84.01	
8969	79.1	9.65	163.11	84.01	
8970	93.4	4.32	163.08	69.68	
8971	84.4	15.48	163.08	78.68	
8972	77.1	8.11	163.09	85.99	
8973	85.5	6.96	163.08	77.58	
8974	94.3	9.71	163.08	68.78	
8975	95.66	17.14	163.08	67.42	
8976	94.8	7.88	163.07	68.27	
8977	86.9	12.51	163.08	76.18	
8978	88.1	37.29	163.06	74.96	
8979	94.8	6.48	163.06	68.26	
8980	74.41	85.4	168.18	93.77	
8981	93.83	91.03	168.19	74.36	
8982	71.26	13.6	168.5	97.24	
8983	72.06	3.68	168.59	96.53	
8984	90.71	17.06	168.4	77.69	
8985	90.71	11.18	168.41	77.7	
8986	72.11	0	168.69	96.58	
8987	72.11	0	168.71	96.6	
8988	81.34	0	94.37	13.03	
8989	80.24	8.2	167.44	87.2	
8990	80.24	0	167.44	87.2	
8991	87.43	37.9	166.53	79.1	
8992	60.27	14.51	94.3	34.03	
8993	59.32	16.49	94.3	34.98	
8994	65.06	31.26	94.28	29.22	
8995	61.19	82.61	94.26	33.07	
8996	59.33	9.33	94.3	34.97	
8997	58.33	62.97	94.3	35.97	
8998	58.66	5.43	94.29	35.63	
8999	59.44	2.46	94.29	34.85	
9000	58.94	3.84	94.28	35.34	
9001	59.77	0	94.27	34.5	
9002	59.36	20.55	94.26	34.9	
9003	58.31	31.46	94.26	35.95	
9004	57.78	19.93	94.26	36.48	
9005	58.33	10.41	94.26	35.93	
9006	62.9	37.48	94.26	31.36	
9007	61.77	19.66	94.27	32.5	
9008	59.14	0	94.33	35.19	
9009	59.81	17.54	94.31	34.5	
9010	60.69	5.47	94.27	33.58	
9011	67.79	13.45	94.27	26.48	
9012	70.91	10.23	94.27	23.36	
9013	61.69	36.5	94.25	32.56	
9014	60.94	0	94.15	33.21	
9015	60.94	0	94.15	33.21	
9016	60.94	0	94.15	33.21	
9017	60.94	0	94.15	33.21	
9018	75.69	27.62	111.16	35.47	
9019	70.66	5.33	111.15	40.49	
9020	79.81	56.64	111.19	31.38	
9021	73.05	1.87	111.14	38.09	
9022	69.36	7.32	111.15	41.79	
9023	72.12	10.36	111.15	39.03	
9024	61.67	50.02	94.17	32.5	
9025	72.69	47.91	111.18	38.49	
9026	76.84	10.41	111.19	34.35	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
9027	76.84	3.35	111.2	34.36	
9028	79.17	8.52	111.22	32.05	
9029	85.63	0.67	111.24	25.61	
9030	83.84	33.5	111.29	27.45	
9031	93.17	10.31	111.34	18.17	
9032	93.24	20.67	111.39	18.15	
9033	88.83	14.55	111.3	22.47	
9034	93.52	8.01	111.28	17.76	
9035	109.1	24.04	111.38	2.28	
9036	109.11	27.96	111.39	2.28	
9037	93.94	14.46	111.43	17.49	
9038	102.93	20.73	111.52	8.59	
9039	95	89.35	111.27	16.27	
9041	100	49.61	111.88	11.88	
9042	77.83	17.69	111.41	33.58	
9043	74.94	22.4	111.41	36.47	
9044	73.19	2.16	111.41	38.22	
9045	71.8	38.75	111.41	39.61	
9046	77.72	113.86	111.05	33.33	
9047	80.69	6.77	111.41	30.72	
9048	80.6	10.91	111.61	31.01	
9049	77.36	77.82	111.46	34.1	
9050	77.2	40.24	111.6	34.4	
9051	60.99	28.21	94.21	33.22	
9052	63.93	24.5	94.13	30.2	
9053	65.76	23.19	94.13	28.37	
9054	62.17	23.52	94.14	31.97	
9055	61.78	0	94.15	32.37	
9056	62.91	6.09	94.16	31.25	
9057	62.87	7.19	94.15	31.28	
9058	71.21	19.61	111.18	39.97	
9059	63.28	25.5	94.14	30.86	
9060	65.81	9.53	94.13	28.32	
9061	60.3	11.47	94.17	33.87	
9062	75.3	1.82	111.16	35.86	
9063	78.19	1.46	111.16	32.97	
9064	77.69	0.33	111.16	33.47	
9065	81.81	49.51	111.16	29.35	
9066	84.67	6.39	111.19	26.52	
9067	74.06	2.94	111.18	37.12	
9068	85.14	19.36	111.08	25.94	
9069	80.69	7.24	111.08	30.39	
9070	60.75	33.66	94.16	33.41	
9071	64.34	9.8	94.16	29.82	
9072	68.11	0	94.15	26.04	
9073	67.06	0	94.15	27.09	
9074	63.22	29.75	94.16	30.94	
9075	61.41	6.04	94.16	32.75	
9076	61.41	24.49	94.16	32.75	
9077	60.5	42.48	94.17	33.67	
9078	59.75	81.54	94.19	34.44	
9079	61.51	16.16	94.16	32.65	
9080	61.12	115.63	94.15	33.03	
9081	60.82	18.62	94.16	33.34	
9082	62.05	32.6	94.15	32.1	
9083	59.91	38.79	94.21	34.3	
9084	60.64	45.21	94.18	33.54	
9085	60.36	25.65	94.19	33.83	
9086	61.51	0.93	94.16	32.65	
9087	60.59	0	94.23	33.64	
9088	60.59	7.59	94.23	33.64	
9089	65.05	17.66	94.04	28.99	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
9090	67.44	10.24	93.95	26.51	
9091	68.31	13.36	93.94	25.63	
9092	59.46	16.13	94.29	34.83	
9093	59.75	39.24	94.25	34.5	
9094	60.79	12.52	94.19	33.4	
9095	61.51	0	131.41	69.9	
9096	72.74	6.35	132.8	60.06	
9097	72.74	17.46	133.41	60.67	
9098	73.12	33.84	133.24	60.12	
9099	76.14	63.16	133.25	57.11	
9100	77.32	188.93	132.88	55.56	
9101	75.51	23.53	131.16	55.65	
9102	80.33	15.59	131.16	50.83	
9103	74.43	114.16	131.37	56.94	
9104	79.52	83.85	131.34	51.82	
9105	94.17	120.48	131.37	37.2	
9106	85.86	19.69	131.37	45.51	
9107	85.86	4.85	131.39	45.53	
9108	80.49	15.31	131.37	50.88	
9109	78.06	8.51	131.37	53.31	
9110	80.4	8.75	131.37	50.97	
9111	78.06	124.78	131.37	53.31	
9112	78.74	7.88	131.38	52.64	
9113	78.06	18.91	131.37	53.31	
9114	82.22	10.69	131.37	49.15	
9115	63.52	24.8	131.4	67.88	
9116	97.52	23.71	131.37	33.85	
9117	72.09	64.56	131.4	59.31	
9118	72.57	13.32	93.71	21.14	
9119	72.57	23.46	93.71	21.14	
9120	64.91	44.36	93.76	28.85	
9121	66.83	32.97	93.73	26.9	
9122	65.72	10	93.93	28.21	
9123	67.21	7.12	93.75	26.54	
9124	68.37	5.76	93.72	25.35	
9125	71.05	30.89	93.65	22.6	
9126	71.25	65.38	93.55	22.3	
9127	71.2	37.99	93.56	22.36	
9128	71.2	33.55	93.53	22.33	
9129	71.2	110.18	93.5	22.3	
9130	70.5	15.86	93.51	23.01	
9131	67.86	21.17	93.53	25.67	
9132	68.78	15.95	93.5	24.72	
9133	68.66	17.71	93.49	24.83	
9134	67.92	10.37	93.49	25.57	
9135	69.1	45.37	93.49	24.39	
9136	68.51	0	93.49	24.98	
9137	68.51	8.4	93.48	24.97	
9138	69.17	25.35	93.45	24.28	
9139	70.85	7.06	93.42	22.57	
9140	70.54	21.06	93.43	22.89	
9141	70.94	38.03	93.42	22.48	
9142	72.34	16.95	93.37	21.03	
9143	112.36	0	193.41	81.05	
9144	110.22	140.76	193.43	83.21	
9145	70.81	21.88	93.96	23.15	
9146	71.22	8.52	93.91	22.69	
9147	68.16	50.74	93.98	25.82	
9148	69.13	10.04	93.89	24.76	
9149	72.19	31.59	93.95	21.76	
9150	72.19	110.11	93.91	21.72	
9151	69.43	23.18	93.93	24.5	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
9152	70.78	51.39	93.92	23.14	
9153	70.2	19.11	93.91	23.71	
9154	68.16	16.15	93.93	25.77	
9155	71.28	40.65	93.92	22.64	
9156	71.5	36.14	93.91	22.41	
9157	68.44	20.48	93.93	25.49	
9158	67.49	35.93	93.92	26.43	
9159	67.94	24	93.91	25.97	
9160	69.47	14.23	93.92	24.45	
9161	68.89	29.62	93.92	25.03	
9162	68.91	58.01	93.92	25.01	
9163	68.39	28.18	93.92	25.53	
9164	68.55	15.15	93.93	25.38	
9165	68.06	38.92	93.92	25.86	
9166	68.9	16.45	93.92	25.02	
9167	68.54	23.34	93.92	25.38	
9168	68.13	11.85	93.92	25.79	
9169	71.84	4.7	93.92	22.08	
9170	70.69	6.63	93.92	23.23	
9171	61.13	26.9	94.08	32.95	
9172	58.93	10.85	94.09	35.16	
9173	58.58	37.25	94.09	35.51	
9174	58.42	7.78	94.11	35.69	
9175	58.57	9.09	94.11	35.54	
9176	59.43	7.2	94.11	34.68	
9177	57.86	58.2	94.11	36.25	
9178	58.51	21.32	94.11	35.6	
9179	58.38	40.97	94.09	35.71	
9180	58.24	19.11	94.09	35.85	
9181	58.82	10.4	94.18	35.36	
9182	58.67	23.2	94.16	35.49	
9183	60.12	74.21	94.09	33.97	
9184	58.39	68.96	94.09	35.7	
9185	58.55	37.81	94.09	35.54	
9186	58.66	10.05	94.09	35.43	
9187	58.44	19.84	94.08	35.64	
9188	59.9	21.68	94.09	34.19	
9189	60.05	23.98	94.09	34.04	
9190	61.55	10.32	94.04	32.49	
9191	59.09	22.6	94.04	34.95	
9192	61.71	14.55	94.05	32.34	
9193	58.92	15.16	94.05	35.13	
9194	61.51	9.76	94.08	32.57	
9195	59.93	13.04	94.08	34.15	
9196	59.83	18.83	94.1	34.27	
9197	60.05	7.71	94.07	34.02	
9198	60.35	12.74	94.03	33.68	
9199	59.35	15.87	94.04	34.69	
9200	60.24	15.75	94.04	33.8	
9201	60.44	8.29	94.02	33.58	
9202	59.92	48.72	94.02	34.1	
9203	61.39	36.4	93.98	32.59	
9204	67.77	65.88	93.98	26.21	
9205	62.57	31.04	93.98	31.41	
9206	59.43	6.38	94.14	34.71	
9207	59.45	19.92	94.2	34.75	
9208	59.41	12.13	94.3	34.89	
9209	58.05	33.95	94.36	36.31	
9210	58.05	38.26	94.3	36.25	
9211	58.24	24.16	94.36	36.12	
9212	58.07	15.97	94.36	36.29	
9213	58.9	7.79	94.36	35.46	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
9214	58.53	26.4	94.36	35.83	
9215	59.91	41.95	94.36	34.45	
9216	59.65	54.53	94.35	34.7	
9217	59.82	39.44	94.36	34.54	
9218	57.37	19.69	94.38	37.01	
9219	59.79	3.68	94.35	34.56	
9220	59.42	26.03	94.36	34.94	
9221	59.7	10.03	94.36	34.66	
9222	58.91	36.71	94.36	35.45	
9223	58.41	34.76	94.36	35.95	
9224	59.55	30.72	94.35	34.8	
9225	58.32	21.58	94.36	36.04	
9226	59.49	16.65	94.36	34.87	
9227	58.54	30.19	94.37	35.83	
9228	60.3	27.2	94.36	34.06	
9229	59.94	33.91	94.36	34.42	
9230	60.47	40.91	94.34	33.87	
9231	60.3	21.44	94.34	34.04	
9232	63.28	27.29	94.34	31.06	
9233	63.93	14.48	94.34	30.41	
9234	63.17	7.95	94.35	31.18	
9235	60.08	19.36	94.35	34.27	
9236	60.08	10.54	94.36	34.28	
9237	56.26	4.99	94.28	38.02	
9238	56.25	7.59	94.28	38.03	
9239	56.34	18.85	94.29	37.95	
9240	57.28	20.17	94.31	37.03	
9241	56.94	6.7	94.41	37.47	
9242	56.59	55.01	94.29	37.7	
9243	58.68	3.6	94.4	35.72	
9244	58.83	35.43	94.33	35.5	
9245	57.82	119.78	94.3	36.48	
9246	58.16	7.42	94.31	36.15	
9247	59.43	29.82	94.32	34.89	
9248	59.61	3.8	94.39	34.78	
9249	59.61	0	94.39	34.78	
9250	60.54	8.36	94.33	33.79	
9251	58.76	7.26	94.31	35.55	
9252	58.7	27.47	94.31	35.61	
9253	59.76	17.91	94.32	34.56	
9254	57.06	11.84	94.31	37.25	
9255	57.07	5.19	94.29	37.22	
9256	57.88	60.63	94.28	36.4	
9257	50.9	0	94.96	44.06	
9258	51.19	20.7	94.96	43.77	
9259	50.84	0	94.97	44.13	
9260	50.84	0	94.96	44.12	
9261	55.81	39.98	94.64	38.83	
9262	52.93	147.57	94.72	41.79	
9263	53.45	0	94.73	41.28	
9264	55.93	8.88	94.5	38.57	
9265	55.89	23.16	94.55	38.66	
9266	56.77	8.47	94.27	37.5	
9267	56.92	90.7	94.27	37.35	
9268	56.85	26.21	94.26	37.41	
9269	57.48	14.05	94.25	36.77	
9270	56.4	83.85	94.25	37.85	
9271	57.68	18.35	94.26	36.58	
9272	58.12	6.29	94.27	36.15	
9273	57.54	34.77	94.25	36.71	
9274	57.3	6.42	94.24	36.94	
9275	57.57	1.14	94.25	36.68	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
9276	57.27	30.96	94.25	36.98	
9277	56.05	20.07	94.24	38.19	
9278	56.09	10.21	94.24	38.15	
9279	56.13	30.33	94.24	38.11	
9280	55.94	51.69	94.24	38.3	
9281	56.07	21.17	94.24	38.17	
9282	56.28	76.26	94.24	37.96	
9283	56.53	36.92	94.24	37.71	
9284	56.83	41.25	94.24	37.41	
9285	56.91	23.09	94.25	37.34	
9286	56.48	14.97	94.25	37.77	
9287	56.67	19.26	94.24	37.57	
9288	57.09	36.82	94.24	37.15	
9289	56.8	14.81	94.24	37.44	
9290	56.74	4.12	94.24	37.5	
9291	56.34	22.51	94.25	37.91	
9292	56.25	8.02	94.25	38	
9293	56.17	14.52	94.26	38.09	
9294	58.16	55.28	94.28	36.12	
9295	58.76	14.51	94.3	35.54	
9296	55.28	9.9	94.64	39.36	
9297	59.06	6.74	94.56	35.5	
9298	56.58	32.56	94.55	37.97	
9299	55.94	617.35	94.5	38.56	
9300	55.86	56.9	94.5	38.64	
9301	55.6	3.02	94.49	38.89	
9302	55.74	8.16	94.48	38.74	
9303	56.15	46.07	94.48	38.33	
9304	55.24	17.51	94.42	39.18	
9305	55.3	21.32	94.42	39.12	
9306	55.36	2.23	94.33	38.97	
9307	55.23	5.43	94.33	39.1	
9308	55.38	7.17	94.38	39	
9309	55.25	7.86	94.35	39.1	
9310	55.34	20.78	94.35	39.01	
9311	55.29	11.26	94.34	39.05	
9312	55.43	3.5	94.34	38.91	
9313	55.69	7.36	94.34	38.65	
9314	55.58	28.7	94.34	38.76	
9315	55.46	5.22	94.33	38.87	
9316	55.74	134.05	94.3	38.56	
9317	56.06	164.13	94.28	38.22	
9318	55.76	137.34	94.3	38.54	
9319	55.52	11.81	94.35	38.83	
9320	56.06	17.3	94.35	38.29	
9321	56.4	6.12	94.36	37.96	
9322	56.9	4.1	94.37	37.47	
9323	55.84	9.2	94.37	38.53	
9324	56.08	5.47	94.35	38.27	
9325	57.13	5.24	94.38	37.25	
9326	56.72	0.74	94.37	37.65	
9327	56.12	82.95	94.44	38.32	
9328	56.4	52.73	94.51	38.11	
9329	56.39	30.77	94.49	38.1	
9330	55.83	22.05	94.44	38.61	
9331	56.4	155.98	94.45	38.05	
9332	56.78	90.46	94.53	37.75	
9333	56.49	32.16	94.45	37.96	
9334	55.76	8.09	94.44	38.68	
9335	56.49	41.24	94.47	37.98	
9336	56.59	16.05	94.44	37.85	
9337	57.05	6.44	94.47	37.42	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
9338	56.72	10.41	94.44	37.72	
9339	58.5	17.72	94.49	35.99	
9340	57.43	23	94.41	36.98	
9341	58.91	20.54	94.55	35.64	
9342	54.13	20.4	94.62	40.49	
9343	55.12	41.42	94.62	39.5	
9344	54.9	9.42	94.6	39.7	
9345	55.2	13.07	94.6	39.4	
9346	54.87	10.02	94.6	39.73	
9347	54.33	9.71	94.59	40.26	
9348	55.25	6.39	94.59	39.34	
9349	54.73	38.56	94.57	39.84	
9350	56.19	100.02	94.56	38.37	
9351	54.56	14.38	94.58	40.02	
9352	55.71	7	94.58	38.87	
9353	58.5	42.88	94.56	36.06	
9354	56.56	35.03	94.56	38	
9355	55.94	10.49	94.57	38.63	
9356	53.94	39.41	94.67	40.73	
9357	54.58	6.65	94.67	40.09	
9358	54.88	50.81	94.64	39.76	
9359	54.18	31.16	94.64	40.46	
9360	53.48	2.72	94.73	41.25	
9361	53.45	38.26	94.72	41.27	
9362	53.16	8.56	94.73	41.57	
9363	52.68	16.15	94.73	42.05	
9364	52.91	16.28	94.73	41.82	
9365	52.22	62.38	94.73	42.51	
9366	54.05	63.75	94.72	40.67	
9367	53.77	16.56	94.72	40.95	
9368	53.65	3.72	94.72	41.07	
9369	52.36	65.86	94.75	42.39	
9370	53.4	87.03	94.72	41.32	
9371	52.75	5.99	94.75	42	
9372	53.1	7.78	94.73	41.63	
9373	52.3	4.92	94.84	42.54	
9374	53.29	4.73	94.72	41.43	
9375	54.05	20.24	94.71	40.66	
9376	54.28	0.6	94.71	40.43	
9377	54.12	6.32	94.69	40.57	
9378	53.73	30.72	94.7	40.97	
9379	53.31	9.9	94.7	41.39	
9380	53.39	36.96	94.69	41.3	
9381	53.47	18.94	94.7	41.23	
9382	53.11	7.82	94.72	41.61	
9383	53.4	41.25	94.71	41.31	
9384	53.1	8.73	94.72	41.62	
9385	53.1	16.79	94.72	41.62	
9386	53.68	5.66	94.73	41.05	
9387	53.68	7.09	94.72	41.04	
9388	53.41	101.4	94.73	41.32	
9389	53.05	20.04	94.72	41.67	
9390	53.09	21.86	94.72	41.63	
9391	53.08	8.27	94.75	41.67	
9392	52.05	0	94.87	42.82	
9393	52.11	3.76	94.87	42.76	
9394	52.61	9.1	94.85	42.24	
9395	52.93	9.94	94.83	41.9	
9396	52.47	42.23	94.86	42.39	
9397	52.08	6.56	94.87	42.79	
9398	52.22	24.47	94.83	42.61	
9399	53.23	14.01	94.82	41.59	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
9400	52.1	124.74	94.83	42.73	
9401	51.9	45.64	94.83	42.93	
9402	51.56	47.07	94.86	43.3	
9403	52.62	68.33	94.8	42.18	
9404	52.59	67.63	94.79	42.2	
9405	52.94	96.95	94.79	41.85	
9406	52.94	41.62	94.78	41.84	
9407	52.9	6.41	94.76	41.86	
9408	52.1	51.26	94.79	42.69	
9409	51.92	283.02	94.78	42.86	
9410	51.62	139.1	94.78	43.16	
9411	51.84	29.78	94.79	42.95	
9412	52.21	21.68	94.79	42.58	
9413	52.68	68.48	94.81	42.13	
9414	51.19	44.88	94.94	43.75	
9415	51.22	34.79	94.86	43.64	
9416	49.67	22.23	94.88	45.21	
9417	51.66	68.15	94.83	43.17	
9418	49.83	9.29	94.83	45	
9419	49.41	66.32	94.82	45.41	
9420	49.83	65.56	94.82	44.99	
9421	51.46	61.7	94.8	43.34	
9422	51.54	91.28	94.8	43.26	
9423	52.09	176.05	94.8	42.71	
9424	52.17	8.28	94.82	42.65	
9425	51.56	18.4	95.13	43.57	
9426	52.85	84	95.13	42.28	
9427	51.25	8.05	95.11	43.86	
9428	51.58	78.67	95.12	43.54	
9429	50.48	83.76	95.12	44.64	
9430	51.13	9.96	95.15	44.02	
9431	48.07	5.02	95.18	47.11	
9432	49.65	4.46	95.15	45.5	
9433	50.8	27.98	95.12	44.32	
9434	50.07	19.11	95.1	45.03	
9435	46.28	16.6	95.1	48.82	
9436	50.24	19.33	95.11	44.87	
9437	50.53	22.44	95.09	44.56	
9438	50.83	38.42	95.09	44.26	
9439	50.8	60.14	95.09	44.29	
9440	49.21	105.83	95.08	45.87	
9441	51.08	22.37	95.08	44	
9442	48.69	7.08	95.06	46.37	
9443	48.42	0	95.04	46.62	
9444	48.42	10.09	94.8	46.38	
9445	48.12	2.19	95.05	46.93	
9446	48.7	6.52	95.06	46.36	
9447	48.64	6.91	94.8	46.16	
9448	48.59	24.75	94.78	46.19	
9449	48.78	47.65	95.06	46.28	
9450	49.47	31.37	94.77	45.3	
9451	48.88	1.55	95.07	46.19	
9452	49.67	1.38	94.76	45.09	
9453	50.17	16.56	94.74	44.57	
9454	49.55	11.72	94.74	45.19	
9455	48.34	56.39	94.73	46.39	
9456	48.34	34.73	94.74	46.4	
9457	49.67	19.5	94.77	45.1	
9458	53.13	5.11	94.74	41.61	
9459	52.82	200.6	94.71	41.89	
9460	53.41	81.04	94.73	41.32	
9461	51.89	97.77	94.73	42.84	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
9462	48.7	171.07	94.97	46.27	
9463	48.95	15.72	95	46.05	
9464	50.64	215.04	94.81	44.17	
9465	48.36	6.72	95.02	46.66	
9466	48.55	35.14	94.86	46.31	
9467	48.91	16.9	94.81	45.9	
9468	53.62	52.84	94.73	41.11	
9469	50.92	24.5	94.81	43.89	
9470	50.22	68.81	94.86	44.64	
9471	50.07	184.56	95	44.93	
9472	46.06	87.35	95.27	49.21	
9473	50.91	0	95.19	44.28	
9474	48.49	18.35	95.25	46.76	
9475	48.8	20.45	95.27	46.47	
9476	48.58	30.82	95.17	46.59	
9477	46.29	10.28	95.24	48.95	
9478	48.5	124.95	95.24	46.74	
9479	47.84	25.3	95.23	47.39	
9480	48.09	34.77	95.02	46.93	
9481	48.46	7.71	94.88	46.42	
9482	47.74	91.89	94.9	47.16	
9483	48.26	66.03	95.04	46.78	
9484	47.34	9.33	94.92	47.58	
9485	47.54	21.52	94.92	47.38	
9486	48.8	0.33	95.19	46.39	
9487	47.34	16.65	94.92	47.58	
9488	50.1	37.48	94.89	44.79	
9489	49.58	6.84	95.13	45.55	
9490	49.73	78.55	95.12	45.39	
9491	49.77	159.07	95.11	45.34	
9492	50.55	0	95.11	44.56	
9493	47.94	74.74	95.08	47.14	
9494	48.12	2.49	95.05	46.93	
9495	48.52	25.01	94.88	46.36	
9496	51.1	13.1	94.86	43.76	
9497	51.18	13.74	94.86	43.68	
9498	50.46	72.02	94.84	44.38	
9499	52.18	57.51	94.87	42.69	
9500	50.9	86.72	94.86	43.96	
9501	50.2	49.12	94.87	44.67	
9502	50.15	14.75	94.87	44.72	
9503	50.07	27.21	94.88	44.81	
9504	50.13	6.56	94.86	44.73	
9505	50.13	23.78	94.86	44.73	
9506	50.23	37.77	94.85	44.62	
9507	50.43	50.18	94.84	44.41	
9508	51.42	37.21	94.85	43.43	
9509	51.42	5.43	94.84	43.42	
9510	50.44	21.14	94.84	44.4	
9511	50.37	48.8	94.84	44.47	
9512	50.68	13.74	94.84	44.16	
9513	50.67	30.46	94.84	44.17	
9514	52.21	49.97	94.84	42.63	
9515	50.91	16.15	94.84	43.93	
9516	45.15	24.31	95.15	50	
9517	45.54	14.66	95.16	49.62	
9518	45.87	85.41	95.14	49.27	
9519	46.32	0	95.16	48.84	
9520	46.13	15.59	95.14	49.01	
9521	46.95	26.29	95.14	48.19	
9522	46.42	16.05	95.14	48.72	
9523	46.2	64.87	95.14	48.94	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
9524	46.2	70.38	95.14	48.94	
9525	45.46	0.67	95.15	49.69	
9526	46.12	43.15	95.14	49.02	
9527	44.75	210.25	95.13	50.38	
9528	46.13	49.1	95.15	49.02	
9529	46.95	72.43	95.14	48.19	
9530	46.32	6.63	95.16	48.84	
9531	45.44	180.73	95.15	49.71	
9532	46.42	21.11	95.24	48.82	
9533	46.39	110.03	95.18	48.79	
9534	45.5	36.65	95.32	49.82	
9535	45.67	14.56	95.22	49.55	
9536	45.9	27.28	95.25	49.35	
9537	46.29	42.32	95.15	48.86	
9538	46.07	28.3	95.18	49.11	
9539	45.81	88.28	95.15	49.34	
9540	47.71	14.75	95.3	47.59	
9541	45.64	11.72	95.25	49.61	
9542	46.12	6.03	94.74	48.62	
9543	53.66	37.58	94.71	41.05	
9544	51.39	8.98	94.73	43.34	
9545	52.2	35.22	94.72	42.52	
9546	45.2	5.79	94.72	49.52	
9547	45.72	5.51	94.72	49	
9548	45.75	125.28	94.72	48.97	
9549	46.93	41.6	94.72	47.79	
9550	45.14	0.46	94.71	49.57	
9551	45.37	42.2	94.71	49.34	
9552	47.12	46.27	94.7	47.58	
9553	49.12	19.35	94.7	45.58	
9554	48.57	38.52	94.7	46.13	
9555	51.85	42.24	94.7	42.85	
9556	52.2	44.06	94.71	42.51	
9557	45.52	5.2	94.7	49.18	
9558	68.4	13.59	94.7	26.3	
9559	53.63	10.2	94.7	41.07	
9560	68.86	9.46	94.7	25.84	
9561	70.53	15.38	94.7	24.17	
9562	70.36	9.75	94.7	24.34	
9563	50.15	62	94.69	44.54	
9564	48.86	21.36	94.69	45.83	
9565	45.32	51.22	94.7	49.38	
9566	51.13	70.26	94.69	43.56	
9567	50.15	48.31	94.7	44.55	
9568	46.66	41.3	94.74	48.08	
9569	50.12	81.45	94.71	44.59	
9570	52.12	37.56	94.71	42.59	
9571	51.84	67.91	94.74	42.9	
9572	43.85	74.16	95.8	51.95	
9573	74.33	10.38	93.02	18.69	
9574	63.94	40.57	92.9	28.96	
9575	57.26	20.43	88.45	31.19	
9576	32.5	36.73	92.92	60.42	
9577	32.69	43.84	92.92	60.23	
9578	34.56	25.54	92.92	58.36	
9579	33.91	54.49	92.93	59.02	
9580	40.66	54.11	91.62	50.96	
9581	62.37	10.14	95.27	32.9	
9582	63.68	0	95.28	31.6	
9583	57.13	33.18	94.49	37.36	
9584	60.63	26.47	98	37.37	
9585	62.37	7.19	99.64	37.27	

2.1 대전광역시 격점 관망해석자료 (2025년)

점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
9586	126.5	18.3	223.19	96.69	
9587	71.25	134.11	108.22	36.97	
9588	59.64	0	122.06	62.42	
9589	163.65	0	181.82	18.17	
9590	81.9	22.82	254.71	172.81	
9591	56.09	0	99.48	43.39	
9592	37.64	27.82	96.11	58.47	
9593	33.31	36.54	96.09	62.78	
9594	44.57	124.42	96.12	51.55	
9595	44.57	2.14	96.12	51.55	
9596	44.57	16.93	96.12	51.55	
9597	48.68	11.86	97.59	48.91	
9598	52.51	9.19	97.62	45.11	
9599	70.38	9.42	99.51	29.13	
9600	71.89	35.6	99.52	27.63	
9601	90.92	10.72	164.31	73.39	
9602	82.29	24.82	164.35	82.06	
9603	64.93	18.83	98.44	33.51	
9604	59.16	62.56	98.54	39.38	
9605	42.08	14.98	97.63	55.55	
9606	41.35	21.69	97.63	56.28	
9607	63.35	85.65	99.61	36.26	
9608	52.94	37.29	94.66	41.72	
9609	53.54	5.44	94.68	41.14	
9610	58.39	49	94.39	36	
9611	58.13	8.43	94.38	36.25	
9612	61.12	8.1	94.39	33.27	
9613	58.48	8.18	94.4	35.92	
9614	72.05	23.14	97.32	25.27	
9615	58.62	0	95.76	37.14	
9616	58.62	44.83	95.75	37.13	
9617	71.48	56.76	94.81	23.33	
9618	79.86	0	200.56	120.7	
9619	91.69	74.55	200.32	108.63	
9620	89.55	37.16	126.9	37.35	
9621	92.25	19.66	126.86	34.61	
9622	89.55	23.68	126.98	37.43	
9623	91.21	28.75	126.91	35.7	
9624	33.8	42.17	92.15	58.35	
9625	33.8	58.39	92.2	58.4	
9626	35.12	27.72	91.74	56.62	
9627	35.83	35.82	92.02	56.19	
9628	58.7	91.25	88.36	29.66	
9629	56.2	103.94	88.44	32.24	
9630	62.38	86.52	88.31	25.93	
9631	58.73	73.56	88.29	29.56	
9632	47.77	21.66	93.6	45.83	
9633	48.61	51.1	93.61	45	
9634	47.35	65.37	93.83	46.48	
9635	48.42	26.98	93.83	45.41	
9636	49.94	5.59	93.99	44.05	
9637	50.25	10.79	93.97	43.72	
9638	45.79	38.19	94.01	48.22	
9639	46.48	15.17	94.5	48.02	
9640	46.22	74.17	94.13	47.91	
9641	50.18	0.2	93.46	43.28	
9642	53.76	9.34	93.46	39.7	
9643	44.56	6.7	95.86	51.3	
9644	44.18	0.29	95.86	51.68	
9645	42.41	0	95.88	53.47	
9646	42.38	118.52	96.36	53.98	
9647	54.34	5.98	92.58	38.24	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	찬류수두 (m)	비고
9648	53.55	0	92.91	39.36	
9649	98.67	42.84	178.63	79.96	
9650	107.73	7.61	178.57	70.84	
9651	60.84	12.03	98.8	37.96	
9652	64.81	52.62	94.63	29.82	
9653	64.81	12.19	94.61	29.8	
9654	79.52	4.64	122.76	43.24	
9655	72.5	53.03	108.2	35.7	
9656	71.6	16	108.38	36.78	
9657	68.47	85.45	85.94	17.47	
9658	63.52	34.52	86.18	22.66	
9659	90.72	184.64	119.14	28.42	
9660	48.73	22.64	100.63	51.9	
9661	45.27	81.38	95.14	49.87	
9662	45.78	222.34	95.13	49.35	
9663	46.88	10.31	94.76	47.88	
9664	87.4	27.58	119.94	32.54	
9665	33.91	25.25	92.07	58.16	
9666	38.76	20.4	92.06	53.3	
9667	33.72	21.03	92.07	58.35	
9668	47.29	2.03	92.06	44.77	
9669	34.11	7.53	92.06	57.95	
9670	34.31	13.76	92.05	57.74	
9671	33.86	0.6	92.06	58.2	
9672	59.26	97.76	88.39	29.13	
9673	60.17	0	88.41	28.24	
9674	67.49	97.76	88.4	20.91	
9675	54.06	16.2	88.19	34.13	
9676	60.88	0	88.39	27.51	
9677	68	146.72	88.32	20.32	
9678	53.68	60.88	88.13	34.45	
9679	49.13	2.23	88.05	38.92	
9680	48.5	617.24	88.01	39.51	
9681	37.92	1195.16	99.34	61.42	
9682	36.41	587.54	99.28	62.87	
9683	69.79	58.7	85.65	15.86	
9684	62.55	11.62	97.67	35.12	
9685	51.94	1198.1	97.68	45.74	
9686	88	33.69	111.82	23.82	
9687	72.5	28.65	85.52	13.02	
9688	67.53	183.18	85.74	18.21	
9689	67.33	0	87.32	19.99	
9690	79	11.62	87.54	8.54	
9691	79.07	0	87.55	8.48	
9692	68.41	198.73	87.67	19.26	
9693	79.07	0	87.54	8.47	
9694	83.05	17.43	87.54	4.49	
9695	67.4	2.51	87.69	20.29	
9696	50.89	0	88.01	37.12	
9697	53.49	16.25	88.19	34.7	
9698	63.38	7.81	88.01	24.63	
9700	71.5	45.88	85.52	14.02	
9701	70	17.2	85.54	15.54	
9702	67.3	81.64	87.31	20.01	
9703	50.92	0.29	88.01	37.09	
9704	33.93	0	99.75	65.82	
9705	34.29	0	99.84	65.55	
9706	37.9	185.36	99.71	61.81	
9707	38.61	25.08	99.75	61.14	
9708	37.57	2.29	99.76	62.19	
9709	37.83	0.15	99.75	61.92	
9710	37.83	0	99.76	61.93	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
9711	37.83	0	99.76	61.93	
9712	42.72	0	95.08	52.36	
9713	42.86	0	95.09	52.23	
9714	42.9	6.13	95.07	52.17	
9715	43.26	17.52	95.06	51.8	
9716	43.36	104.37	94.89	51.53	
9717	44.07	3.89	94.58	50.51	
9718	43.93	67.74	94.53	50.6	
9719	43.22	182.8	94.53	51.31	
9720	43.35	26.62	94.79	51.44	
9721	43.6	54.19	94.58	50.98	
9722	44.08	70.24	94.54	50.46	
9723	43.93	73.97	94.53	50.6	
9724	43.53	66.16	94.53	51	
9725	48.56	4784.77	93.72	45.16	
9726	42.78	10.71	95.84	53.06	
9727	47.6	0.6	93.72	46.12	
9728	42.05	68.93	97.09	55.04	
9729	47.08	127.23	97.05	49.97	
9730	53.2	405.06	91.56	38.36	
9731	43.83	44.36	93.16	49.33	
9732	43.9	50.04	93.13	49.23	
9733	43.12	75.82	93.14	50.02	
9734	43.6	71.4	93.14	49.54	
9735	55.58	1161.88	91.8	36.22	
9736	62.35	0	91.05	28.7	
9737	46.86	0	91.56	44.7	
9738	68.84	36.16	90.81	21.97	
9739	51.76	1841.31	89.91	38.15	
9740	54.85	3.49	89.91	35.06	
9741	58.14	184.55	90.04	31.9	
9742	68.2	27.68	91.07	22.87	
9743	65.53	100.67	91.33	25.8	
9744	68.53	0.12	91.08	22.55	
9745	68.75	0	91.08	22.33	
9746	59.41	5.01	91.33	31.92	
9747	55.08	0	91.74	36.66	
9748	63.1	0	91.33	28.23	
9749	60.85	6.91	91.33	30.48	
9750	57.91	12.77	91.73	33.82	
9751	56.38	10.54	89.55	33.17	
9752	58.74	9.21	91.32	32.58	
9753	54.1	0	91.86	37.76	
9754	51.8	0	92.46	40.66	
9755	54.1	1787.03	91.87	37.77	
9756	51.42	23.02	92.26	40.84	
9757	53.52	0	91.85	38.33	
9758	50.16	15.85	92.25	42.09	
9759	52.32	14.08	89.55	37.23	
9760	66.89	101.72	86.99	20.1	
9761	78.43	478.96	87.45	9.02	
9762	62.3	781.92	87.41	25.11	
9763	54.66	0	88.81	34.15	
9764	60.2	1540.38	87.74	27.54	
9765	75.2	0	87.74	12.54	
9766	54.62	99.12	88.66	34.04	
9767	54.2	16.57	88.78	34.58	
9768	54.17	6.56	88.78	34.61	
9769	55.9	91.8	87.94	32.04	
9770	58.1	105.8	88.23	30.13	
9771	58.21	695.85	88.1	29.89	
9772	58.21	51.88	88.27	30.06	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
9773	58.21	0	88.24	30.03	
9774	58.21	245.79	88.27	30.06	
9775	58.21	0	88.26	30.05	
9776	64.45	395.44	86.85	22.4	
9777	60.42	5.54	88.27	27.85	
9778	54.34	0.47	91.41	37.07	
9779	54.53	35.16	91.41	36.88	
9780	51.28	0.62	91.42	40.14	
9781	53.93	17.78	91.41	37.48	
9782	51.28	17.43	91.3	40.02	
9784	60.57	438.73	87.94	27.37	
9785	56.74	6.34	91.41	34.67	
9786	56.52	2.84	91.41	34.89	
9787	59.68	111.96	91.03	31.35	
9788	52.69	16.68	88.66	35.97	
9789	52.74	0.24	88.63	35.89	
9790	56.1	4.8	88.04	31.94	
9791	50.73	15.85	92.27	41.54	
9792	51.83	20.2	92.26	40.43	
9793	55.5	20.76	91.41	35.91	
9794	52.44	17.96	91.41	38.97	
9795	51.37	3.54	92.15	40.78	
9796	59.63	17.64	92.15	32.52	
9797	56.7	1.61	92.15	35.45	
9798	55.89	0.98	88.04	32.15	
9799	61.35	1.8	92.14	30.79	
9800	51.16	38.14	92.12	40.96	
9801	52.19	4.98	92.14	39.95	
9802	55.11	0.31	88.04	32.93	
9803	60.23	0.94	88.04	27.81	
9804	54.62	1006.47	87.85	33.23	
9805	55.59	1060.9	87.8	32.21	
9806	60.71	2669.1	85.63	24.92	
9807	71.32	3.75	86.1	14.78	
9808	70.69	0	86.11	15.42	
9809	70.69	1067.66	86.11	15.42	
9810	75.32	284.64	86.1	10.78	
9811	63.6	1162.46	85.4	21.8	
9812	73.36	2014.8	84.51	11.15	
9813	63.66	0	86.33	22.67	
9814	65.12	2274.57	80.34	15.22	
9815	78.68	893.69	85.7	7.02	
9816	62.82	335.28	86.38	23.56	
9817	62.58	2414.01	86.48	23.9	
9818	65.1	2.43	85.39	20.29	
9819	66.79	11	85.36	18.57	
9820	62.87	7.95	85.4	22.53	
9821	64.79	23.2	85.37	20.58	
9822	68.29	10.34	85.36	17.07	
9823	68.95	11.08	85.36	16.41	
9824	59.41	3.65	91.17	31.76	
9825	68.52	18.29	85.36	16.84	
9826	45.06	0	91.38	46.32	
9828	52.39	0.31	91.17	38.78	
9829	50.14	8.17	90.88	40.74	
9830	54.21	0.86	90.79	36.58	
9831	55.29	88.94	100.61	45.32	
9832	44.15	33.85	100.68	56.53	
9833	42.75	691.02	100.55	57.8	
9834	43.6	16.6	97.58	53.98	
9835	45.58	1140.23	97.41	51.83	
9836	51.14	4.36	98.92	47.78	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
9837	47.25	44.31	98.81	51.56	
9838	41.89	0	96.59	54.7	
9839	44.7	0	96.77	52.07	
9840	44.7	0	96.78	52.08	
9841	43.24	64.32	97.58	54.34	
9842	46.61	125.46	97.58	50.97	
9843	42.7	0	96.78	54.08	
9844	46.51	18.98	98.84	52.33	
9845	47.19	19.26	98.84	51.65	
9846	48.22	1.1	98.92	50.7	
9847	46.34	0.3	98.85	52.51	
9848	48.22	11.61	98.92	50.7	
9849	45.26	0.94	98.84	53.58	
9850	54.86	0	90.61	35.75	
9851	52.01	1.79	90.36	38.35	
9852	66.39	23.43	90.44	24.05	
9853	62.8	224.68	90.58	27.78	
9854	68.46	71.73	90.52	22.06	
9855	65.48	5	90.36	24.88	
9856	71.62	13.97	90.44	18.82	
9857	63.85	8.2	90.38	26.53	
9858	65.29	16.23	90.44	25.15	
9859	65.23	32.61	90.36	25.13	
9860	50.52	9.76	90.36	39.84	
9861	65.94	2.07	85.39	19.45	
9862	55.57	7.39	90.38	34.81	
9863	64.08	22.49	90.39	26.31	
9864	65.44	43.23	90.33	24.89	
9865	67.26	22.78	85.36	18.1	
9866	56.22	4.23	90.35	34.13	
9867	56.28	8.88	90.35	34.07	
9868	63.83	4.6	85.37	21.54	
9869	62.86	0	85.38	22.52	
9870	71.83	14.78	85.22	13.39	
9871	69.42	731.19	85.22	15.8	
9872	66.78	741.99	85.29	18.51	
9873	63.85	6.49	85.37	21.52	
9874	59.9	0	85.39	25.49	
9875	62.33	0.91	85.37	23.04	
9876	61.2	2.7	85.39	24.19	
9877	61.66	8.59	85.39	23.73	
9878	59.9	3.15	85.39	25.49	
9879	62.1	1.87	85.38	23.28	
9880	64.27	0	85.37	21.1	
9881	61.46	0	85.39	23.93	
9882	62.71	7.38	85.37	22.66	
9883	68.79	0	85.29	16.5	
9884	70.27	20.66	85.24	14.97	
9885	70.25	6.39	85.25	15	
9886	70.15	2.6	85.26	15.11	
9887	69.21	4.76	85.27	16.06	
9888	63.94	0	85.37	21.43	
9889	63.79	139.51	85.37	21.58	
9890	65.07	12.04	85.35	20.28	
9891	64.09	0.26	85.37	21.28	
9892	67.16	11.51	85.29	18.13	
9893	68.28	6.82	85.27	16.99	
9894	69.2	15.19	85.26	16.06	
9895	64.16	0.29	85.37	21.21	
9896	66.78	6.97	85.32	18.54	
9897	56.41	56.31	97.01	40.6	
9898	50.05	2.9	97.05	47	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
9899	53.31	2.67	98.39	45.08	
9900	54.85	0.78	97.05	42.2	
9901	53.12	63.03	97.05	43.93	
9902	53.75	29.56	98.89	45.14	
9903	54.83	19.52	98.83	44	
9904	52.86	5.66	98.87	46.01	
9905	52.88	9.54	98.88	46	
9906	52.9	0	98.88	45.98	
9907	53.55	35.93	98.86	45.31	
9908	53.57	20.18	98.75	45.18	
9909	54.76	2.8	98.8	44.04	
9910	53.71	25.88	98.81	45.1	
9911	54.92	43.93	98.81	43.89	
9912	53.65	32.78	98.83	45.18	
9913	53.6	25.8	98.81	45.21	
9914	53.7	39.46	98.57	44.87	
9915	53.7	1499.94	98.49	44.79	
9916	55.65	65.23	98.47	42.82	
9917	70.1	13.1	98.67	28.57	
9918	62.66	2.08	98.72	36.06	
9919	63.2	1911.64	98.72	35.52	
9920	67.77	11.78	98.72	30.95	
9921	94.64	13.32	98.67	4.03	
9922	76.82	49.56	98.66	21.84	
9923	77.69	39.87	98.66	20.97	
9924	89.81	51.55	98.66	8.85	
9925	88.33	0	98.65	10.32	
9926	85.6	12.04	98.63	13.03	
9927	84.28	13.26	98.54	14.26	
9928	80.49	42.03	98.55	18.06	
9929	78.91	13.33	98.76	19.85	
9930	69.91	19.31	98.71	28.8	
9931	69.91	1010.22	98.71	28.8	
9932	93.31	103.7	98.59	5.28	
9933	63.06	57.47	98.57	35.51	
9934	66.66	151.49	98.57	31.91	
9935	91.16	41.19	98.53	7.37	
9936	72.5	42.39	98.59	26.09	
9937	75.26	36.75	98.67	23.41	
9938	67.32	99.07	98.56	31.24	
9939	70.4	3.87	98.64	28.24	
9940	90.72	71.52	98.5	7.78	
9941	78.78	27.78	98.73	19.95	
9942	78.78	27.81	98.73	19.95	
9943	72.27	31.41	98.55	26.28	
9944	71.69	0	98.68	26.99	
9945	70.12	22.04	98.62	28.5	
9946	71.69	4.27	98.68	26.99	
9947	72.27	50.77	98.6	26.33	
9948	75.26	51.76	98.66	23.4	
9949	74.28	2.76	98.66	24.38	
9950	73.59	54.52	98.61	25.02	
9951	72.28	51.03	98.6	26.32	
9952	77.34	391.6	98.62	21.28	
9953	75.9	38.64	98.6	22.7	
9954	86.55	18.17	98.31	11.76	
9955	76.75	88.01	98.55	21.8	
9956	75.38	0	98.45	23.07	
9957	77.61	35.32	98.36	20.75	
9958	82.4	12.19	98.36	15.96	
9959	57.79	0	98.47	40.68	
9960	59.72	86.86	98.44	38.72	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
9961	57.79	184.52	98.47	40.68	
9962	61.45	8.45	98.22	36.77	
9963	66.26	28.19	98.18	31.92	
9964	59.76	40.88	98.46	38.7	
9965	62.82	222.79	97.85	35.03	
9966	57.84	147.1	97.91	40.07	
9967	57.11	40.32	97.91	40.8	
9968	56.92	7.04	98.41	41.49	
9969	57.91	3.72	98.35	40.44	
9970	58.24	0.11	98.4	40.16	
9971	59.14	19.81	98.29	39.15	
9972	57.05	4.13	98.31	41.26	
9973	77.05	94.1	97.77	20.72	
9974	57.28	3.15	98.2	40.92	
9975	57.44	17.14	98.26	40.82	
9976	56.68	1.56	98.28	41.6	
9977	56.72	15.67	98.28	41.56	
9978	57.06	0.6	98.33	41.27	
9979	57.13	3.66	98.33	41.2	
9980	58.84	5.18	98.35	39.51	
9981	58.16	0.41	98.24	40.08	
9982	56.72	4.12	98.29	41.57	
9983	56.85	5.3	98.31	41.46	
9984	57.19	15.71	98.28	41.09	
9985	57.53	11.87	98.31	40.78	
9986	60.2	8.81	98.27	38.07	
9987	79.65	2.19	98.18	18.53	
9988	58.08	7.75	98.26	40.18	
9989	57.57	1.14	98.26	40.69	
9990	60.2	11.54	98.24	38.04	
9991	63.59	57.76	98.19	34.6	
9992	59.37	1.42	98.23	38.86	
9993	60.45	11.57	98.22	37.77	
9994	62.39	33.5	98.19	35.8	
9995	66.38	0	98.07	31.69	
9996	64.55	1.67	98.18	33.63	
9997	67.34	5.8	98.18	30.84	
9998	65.27	3.5	98.18	32.91	
9999	63.59	19.91	98.19	34.6	
10000	63.5	2.72	98.18	34.68	
10001	64.22	30.23	98.18	33.96	
10002	64.41	23.2	98.18	33.77	
10003	63.81	15.12	98.16	34.35	
10004	62.78	23.2	98.19	35.41	
10005	58.81	12.59	98.29	39.48	
10006	60.45	2.79	98.26	37.81	
10007	59.18	24.8	98.28	39.1	
10008	58.21	53.4	98.28	40.07	
10009	58.75	9.97	98.28	39.53	
10010	61.42	0.33	98.23	36.81	
10011	58.84	2.6	98.27	39.43	
10012	61.06	26.47	98.23	37.17	
10013	61.42	0.88	98.23	36.81	
10014	62.78	48.63	98.19	35.41	
10015	63.73	9	98.81	35.08	
10016	64.33	5.33	98.81	34.48	
10017	64.27	16.31	98.81	34.54	
10018	62.12	8.45	98.82	36.7	
10019	58.43	0.23	98.84	40.41	
10020	66.74	8.93	98.8	32.06	
10021	67.2	9.12	98.78	31.58	
10022	66.82	12.19	98.8	31.98	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
10023	66.08	78.42	98.73	32.65	
10024	70.53	58.98	98.69	28.16	
10025	78.13	28.41	98.66	20.53	
10026	79	7.63	98.66	19.66	
10027	84.94	6.97	98.65	13.71	
10028	77.49	15.05	98.52	21.03	
10029	73.54	17.62	98.67	25.13	
10030	77.62	9.39	98.66	21.04	
10031	73.38	99.17	98.51	25.13	
10032	76.88	42.01	98.51	21.63	
10033	61.08	8.86	98.78	37.7	
10034	65.47	305.45	97.84	32.37	
10035	73.4	0	98.57	25.17	
10036	68.1	61.73	98.74	30.64	
10037	63.84	38.2	98.86	35.02	
10038	59.29	6.99	98.83	39.54	
10039	68.1	17.88	98.8	30.7	
10040	66.94	238.33	98.69	31.75	
10041	65.2	12.55	98.91	33.71	
10042	67.69	4.9	98.96	31.27	
10043	66.66	0	98.97	32.31	
10044	67.71	1.39	98.97	31.26	
10045	68.45	2.12	98.96	30.51	
10046	71.05	7.97	98.96	27.91	
10047	71.05	0	98.95	27.9	
10048	73.36	8.03	98.91	25.55	
10049	72.05	9.91	98.96	26.91	
10050	72.74	206.63	98.22	25.48	
10051	81.1	1598.08	97.38	16.28	
10052	79.5	33.61	98.93	19.43	
10053	78.5	29.67	98.83	20.33	
10054	78.5	82.92	98.83	20.33	
10055	78.5	75.81	98.81	20.31	
10056	88.2	105.35	163.05	74.85	
10057	76.68	113.86	98.88	22.2	
10058	76.68	0	98.91	22.23	
10059	80.91	9.32	98.91	18	
10060	81.49	10.2	166.55	85.06	
10061	74.8	1785.63	98.93	24.13	
10062	71.05	0	98.91	27.86	
10063	77.55	5.73	98.93	21.38	
10064	76.16	8.68	98.93	22.77	
10065	72.05	5.68	98.93	26.88	
10066	71.05	7.37	98.93	27.88	
10067	71.05	33.39	93.89	22.84	
10068	70.86	61.27	98.91	28.05	
10069	73.49	8.81	98.93	25.44	
10070	73.94	21.47	98.93	24.99	
10071	60.36	36.29	94.3	33.94	
10072	64.94	70.19	94.05	29.11	
10073	74.43	9.82	94.25	19.82	
10074	63.78	24.53	94.25	30.47	
10075	60.92	72.68	93.99	33.07	
10076	63.54	6.82	94.25	30.71	
10077	67.11	11.03	94.23	27.12	
10078	66.63	11.92	94.24	27.61	
10079	67.48	38.31	94.23	26.75	
10080	64.46	33.45	94.24	29.78	
10081	64.62	7.44	94.24	29.62	
10082	64.08	5.57	94.25	30.17	
10083	65.11	8.64	94.24	29.13	
10084	73.05	8.98	94.25	21.2	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
10085	73.05	0	94.25	21.2	
10086	63.94	0	94.26	30.32	
10087	71.49	0	94.25	22.76	
10088	71.26	0.96	94.25	22.99	
10089	62.35	74.64	94.14	31.79	
10090	66.42	16.47	93.96	27.54	
10091	70.16	0	94.01	23.85	
10092	59.53	9.71	94.06	34.53	
10093	59.54	26.46	94.11	34.57	
10094	72.02	15.42	94.16	22.14	
10095	67.21	2.3	93.98	26.77	
10096	52.62	0.67	94.26	41.64	
10097	68.8	10.42	94.16	25.36	
10098	68.8	2.56	94.17	25.37	
10099	72.42	7.21	94.16	21.74	
10100	60.82	5.88	94.14	33.32	
10101	68.51	22.92	94.15	25.64	
10102	63.1	36.99	94.18	31.08	
10103	64.88	10.32	94.22	29.34	
10104	69.2	8.62	94.21	25.01	
10105	60.52	34.16	94.21	33.69	
10106	67.88	35.61	94.18	26.3	
10107	66.35	59.43	94.19	27.84	
10108	71.57	31.12	94.16	22.59	
10109	61.84	10.54	94.15	32.31	
10110	63.42	41.9	94.15	30.73	
10111	66.86	58.88	94.17	27.31	
10112	60.49	61.19	94.14	33.65	
10113	69.1	33.12	94.17	25.07	
10114	68.59	42.39	94.18	25.59	
10115	65.33	14.48	94.19	28.86	
10116	60.63	94.42	94.19	33.56	
10117	67.1	54.52	94.25	27.15	
10118	67.1	8.89	94.26	27.16	
10119	65.1	20.06	94.23	29.13	
10120	69.93	7.65	94.21	24.28	
10121	73.7	48.73	94.17	20.47	
10122	66.22	28.85	94.17	27.95	
10123	67.8	5.49	94.18	26.38	
10124	69.55	8.75	94.2	24.65	
10125	69.12	9.75	94.2	25.08	
10126	67.33	22.35	94.22	26.89	
10127	59.06	7.38	94.2	35.14	
10128	53.33	18.51	94.3	40.97	
10129	52.62	583.36	94.21	41.59	
10130	53.65	9.97	94.29	40.64	
10131	55.86	25.21	94.29	38.43	
10132	63.94	11.31	94.28	30.34	
10133	63.94	50.5	94.29	30.35	
10134	64.1	45.77	94.31	30.21	
10135	57.22	18.42	94.31	37.09	
10136	58.21	135	94.06	35.85	
10137	53.73	64.73	94.3	40.57	
10138	57.56	271.31	94.3	36.74	
10139	53.21	12.95	94.3	41.09	
10140	48.87	21.78	100.24	51.37	
10141	48.16	33.76	100.19	52.03	
10142	48.87	0	100.28	51.41	
10143	48.4	24.06	100.09	51.69	
10144	48.44	26.5	100.16	51.72	
10145	49.82	29.9	100.15	50.33	
10146	48.52	39.63	100.13	51.61	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
10147	50.51	10.19	100.15	49.64	
10148	48.52	914.95	100.19	51.67	
10149	48.37	0	100.04	51.67	
10150	48.45	23.57	100.07	51.62	
10151	48.46	47.09	100.08	51.62	
10152	48.56	28.44	99.93	51.37	
10153	48.34	65.1	100.03	51.69	
10154	48.54	25.42	100.02	51.48	
10155	48.57	3386.38	99.92	51.35	
10156	49.68	334.63	100.3	50.62	
10157	48.9	22.05	99.87	50.97	
10158	48.83	76.39	99.56	50.73	
10159	49.34	569.08	99.32	49.98	
10160	48.94	281.15	99.32	50.38	
10161	48.82	1629.28	99.2	50.38	
10162	48.94	7.63	99.32	50.38	
10163	49.41	0	99.29	49.88	
10164	50.32	226.46	99.25	48.93	
10165	49.32	347.32	99.25	49.93	
10166	52.47	7.17	99.2	46.73	
10167	53.39	920.74	99.22	45.83	
10168	51.92	91.1	99.06	47.14	
10169	50.34	0.55	99.25	48.91	
10170	49.67	9.79	99.25	49.58	
10171	48.92	33.04	99.25	50.33	
10172	49.91	24.11	99.23	49.32	
10173	50.11	60.93	99.24	49.13	
10174	50.35	14.92	99.24	48.89	
10175	49.8	59.96	99.23	49.43	
10176	48.85	53.25	99.24	50.39	
10177	48.94	8.75	99.3	50.36	
10178	49.58	14.74	99.41	49.83	
10179	49.53	73.88	99.24	49.71	
10180	50.14	44.18	99.25	49.11	
10181	49.47	2668.18	99.16	49.69	
10182	50.3	46.23	99.25	48.95	
10183	49.72	275.4	99.25	49.53	
10184	50.68	13.27	99.24	48.56	
10185	49.76	39.87	99.33	49.57	
10186	50.73	375.34	99.33	48.6	
10187	49.51	35.63	99.26	49.75	
10188	49.58	30.44	99.37	49.79	
10189	49.52	30.85	99.32	49.8	
10190	49.48	52.81	99.3	49.82	
10191	49.48	10.88	99.3	49.82	
10192	49.56	17.43	99.3	49.74	
10193	50.05	10.35	99.33	49.28	
10194	49.9	30.52	99.34	49.44	
10195	52.85	10.5	99.18	46.33	
10196	50.6	1841.02	98.85	48.25	
10197	50.6	1353.97	98.85	48.25	
10198	50.52	1841.03	99.62	49.1	
10199	50.86	0	98.85	47.99	
10200	50.86	3.8	98.85	47.99	
10201	51.05	883.15	99.51	48.46	
10202	49.11	18.01	98.9	49.79	
10203	49.68	3.02	100.1	50.42	
10204	45.12	8.78	95.03	49.91	
10205	45.45	0	95.17	49.72	
10206	45.91	105.39	94.9	48.99	
10207	44.87	6.35	95.03	50.16	
10208	45.1	27.55	95.07	49.97	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
10209	45.61	4.76	95.55	49.94	
10210	44.83	4.38	95.12	50.29	
10211	45.91	35.93	95.55	49.64	
10212	47.12	42.61	94.75	47.63	
10213	46.38	17.42	94.74	48.36	
10214	46.21	50.85	94.69	48.48	
10215	47.73	24.41	94.69	46.96	
10216	47.12	15.67	94.74	47.62	
10217	47.12	7.28	94.74	47.62	
10218	45.39	79.61	94.65	49.26	
10219	47.75	62.31	94.64	46.89	
10220	50.57	31.78	94.52	43.95	
10221	45.05	22.51	94.63	49.58	
10222	45.05	0.81	94.67	49.62	
10223	44.56	63.91	94.51	49.95	
10224	46.05	166.31	94.2	48.15	
10225	45.2	59.07	94.67	49.47	
10226	45.18	12.66	94.67	49.49	
10227	44.69	22.4	94.66	49.97	
10228	45.21	879.4	93.55	48.34	
10229	47.33	3.45	94.66	47.33	
10230	45.34	34.62	94.65	49.31	
10231	45.05	66.57	94.67	49.62	
10232	47.41	109	94.66	47.25	
10233	47.39	22.71	94.65	47.26	
10234	44.87	9.65	94.66	49.79	
10235	44.87	65.19	94.66	49.79	
10236	49.58	1200.47	92.95	43.37	
10237	53.91	28.91	94.39	40.48	
10238	54.79	133.89	94.39	39.6	
10239	53.28	33.1	93.87	40.59	
10240	47.24	22.29	94.44	47.2	
10241	45.05	14.3	94.63	49.58	
10242	45.05	9.84	94.63	49.58	
10243	45.05	41.88	94.28	49.23	
10244	45.05	851.61	94.24	49.19	
10245	44.82	47.45	94.66	49.84	
10246	61.35	94	93.9	32.55	
10247	58.59	30.89	93.98	35.39	
10248	65.32	1226.33	93.43	28.11	
10249	47.46	49.12	99.89	52.43	
10250	47.9	130.91	99.89	51.99	
10251	47.09	8.83	99.89	52.8	
10252	50.65	137.15	99.9	49.25	
10253	45.44	136.12	99.43	53.99	
10254	46.9	144.05	99.77	52.87	
10255	47.56	12.63	99.95	52.39	
10256	50.76	2.71	99.91	49.15	
10257	51.07	51.63	99.91	48.84	
10258	65.83	36.14	93.93	28.1	
10259	68.58	5.55	94.06	25.48	
10260	65.85	88.64	93.97	28.12	
10261	65.85	23.38	93.95	28.1	
10262	69.45	31.15	93.97	24.52	
10263	68.68	36.39	94.08	25.4	
10264	64.6	28.78	93.98	29.38	
10265	64.13	6.85	93.99	29.86	
10266	62.57	4.38	93.98	31.41	
10267	67.21	27.95	93.98	26.77	
10268	67.77	5.81	93.98	26.21	
10269	65.63	19.58	94.16	28.53	
10270	61.54	155.37	93.97	32.43	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
10271	61.4	48.94	93.99	32.59	
10272	61.44	76.84	93.98	32.54	
10273	62.78	13.97	93.98	31.2	
10274	63.69	34.1	93.97	30.28	
10275	71.37	85.08	93.98	22.61	
10276	69.9	26.87	94.03	24.13	
10277	70.16	29.53	93.99	23.83	
10278	58.52	0	94.39	35.87	
10279	58.52	0	94.39	35.87	
10280	58.52	58.41	87.23	28.71	
10281	58.54	0	94.39	35.85	
10282	56.8	450.79	84.14	27.34	
10283	55.83	18.97	93.8	37.97	
10284	56.21	31.22	94.54	38.33	
10285	56.06	19.91	94.55	38.49	
10286	56.12	6.69	94.53	38.41	
10287	55.8	33.81	94.55	38.75	
10288	55.26	1.06	94.56	39.3	
10289	55.73	5.39	94.6	38.87	
10290	55.44	1.3	94.56	39.12	
10291	55.44	17.58	94.56	39.12	
10292	55.62	25.43	94.56	38.94	
10293	56.05	0.61	94.59	38.54	
10294	56.05	0	94.58	38.53	
10295	56.05	109.9	94.58	38.53	
10296	56.05	6.4	94.55	38.5	
10297	58.63	0	94.4	35.77	
10298	68.89	1.02	94.41	25.52	
10299	62.33	3.33	94.41	32.08	
10300	58.45	0	94.42	35.97	
10301	65.65	0	94.41	28.76	
10302	65.65	0	94.41	28.76	
10303	64.85	18.12	94.41	29.56	
10304	66.3	0.59	94.41	28.11	
10305	66.44	0.65	94.41	27.97	
10306	66.33	4.01	94.41	28.08	
10307	63.77	24.27	94.35	30.58	
10308	65.25	9.13	94.22	28.97	
10309	79.52	3.56	94.27	14.75	
10310	68.14	20.28	94.22	26.08	
10311	66.23	372.21	94.22	27.99	
10312	65.82	0	94.21	28.39	
10313	67.55	55.91	94.22	26.67	
10314	67.46	9.3	94.21	26.75	
10315	65.82	0	94.21	28.39	
10316	67.55	7.1	94.21	26.66	
10317	68.55	0	94.22	25.67	
10318	67.55	0	94.24	26.69	
10319	68.55	26.33	94.22	25.67	
10320	68.55	0	94.22	25.67	
10321	79.52	0	183.8	104.28	
10322	67.46	18.61	94.21	26.75	
10323	61.17	32.06	94.43	33.26	
10324	58.18	51.13	94.43	36.25	
10325	61.24	54.48	94.43	33.19	
10326	63.12	23.75	94.44	31.32	
10327	58.81	34.54	94.45	35.64	
10328	59.43	4.82	94.46	35.03	
10329	59.84	50.18	94.53	34.69	
10330	57.84	64.04	94.47	36.63	
10331	58.61	47.4	94.44	35.83	
10332	62.9	37.61	94.44	31.54	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
10333	59.41	37.54	94.44	35.03	
10334	59.08	33	94.44	35.36	
10335	59.06	4.17	93.51	34.45	
10336	60.4	27.38	93.56	33.16	
10337	59.57	36.71	94.44	34.87	
10338	61.27	56.06	94.44	33.17	
10339	65.12	25.75	94.44	29.32	
10340	61.91	9.23	94.44	32.53	
10341	64.55	72.76	94.73	30.18	
10342	62.9	16.98	94.81	31.91	
10343	63.11	56.89	94.86	31.75	
10344	62.64	95.68	95.14	32.5	
10345	60.3	45.04	94.85	34.55	
10346	62.92	116.17	94.76	31.84	
10347	62.87	66.7	94.75	31.88	
10348	68.55	91.26	94.55	26	
10349	60.38	63.98	94.66	34.28	
10350	64.27	24.93	94.47	30.2	
10351	64.83	867.09	94.45	29.62	
10352	68.44	0	94.33	25.89	
10353	83.71	46.82	144.12	60.41	
10354	69.39	106.17	94.45	25.06	
10355	68.29	0	94.33	26.04	
10356	74.55	8.77	94.33	19.78	
10357	70.55	34	94.33	23.78	
10358	68.29	0	94.33	26.04	
10359	43.15	1276.79	96.8	53.65	
10360	42.27	4.22	100.54	58.27	
10361	42.76	60.09	95.06	52.3	
10362	45.12	54.34	100.54	55.42	
10363	43.39	46.37	98.02	54.63	
10364	47.22	9.34	97.37	50.15	
10365	56.49	11.05	97.7	41.21	
10366	45.9	127.69	97.7	51.8	
10367	53.26	4.77	100.69	47.43	
10368	69.25	19.16	97.74	28.49	
10369	48.92	162.56	98.7	49.78	
10370	60.67	94.63	97.5	36.83	
10371	69.19	8.94	98.18	28.99	
10372	63.34	36.19	97.72	34.38	
10373	33.94	15.05	95.45	61.51	
10374	32.65	37.12	95.45	62.8	
10375	33.84	13.87	95.44	61.6	
10376	33.05	0	95.45	62.4	
10377	33.52	13.74	95.45	61.93	
10378	33.66	2.81	95.45	61.79	
10379	34.13	24.55	95.44	61.31	
10380	69.44	149.88	95.93	26.49	
10381	74.48	18.97	96.04	21.56	
10382	78.86	3.53	96.04	17.18	
10383	49.33	27	95.48	46.15	
10385	67.88	18.83	95.56	27.68	
10387	53.43	0	95.57	42.14	
10388	57.11	0	95.67	38.56	
10389	75	16.35	95.66	20.66	
10390	67.33	0.01	95.79	28.46	
10391	70.48	6.2	95.81	25.33	
10392	74.48	0	96.05	21.57	
10393	66.88	0	95.83	28.95	
10394	75.77	0	96.32	20.55	
10395	84.74	0	96.37	11.63	
10396	80.62	0	96.38	15.76	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
10397	73.8	206.41	96.32	22.52	
10398	75.77	0	96.32	20.55	
10399	61.31	31.72	96.31	35	
10400	65.78	275.56	96.31	30.53	
10401	63.36	1031.61	93.92	30.56	
10402	59.54	39.54	96.32	36.78	
10403	63.45	14.11	100.26	36.81	
10404	64.69	72.37	100	35.31	
10405	60.56	36.06	100.49	39.93	
10406	56.6	18.8	100.7	44.1	
10407	55.91	44.77	100.87	44.96	
10408	65.31	44.27	100.27	34.96	
10409	67.05	40.61	100.09	33.04	
10410	62.58	79.98	100.33	37.75	
10411	62.58	18	100.33	37.75	
10412	64.43	6.65	100.26	35.83	
10413	57.31	58.59	100.7	43.39	
10414	62.87	38.25	100.4	37.53	
10415	67.08	11.82	100.17	33.09	
10416	61.73	85.63	101.39	39.66	
10417	67.12	60.51	100.17	33.05	
10418	67.57	49.25	101.23	33.66	
10419	67.88	18.99	100.17	32.29	
10420	56.78	19.5	101.32	44.54	
10421	58.31	32.76	101.36	43.05	
10422	57.55	10.59	101.4	43.85	
10423	69.37	72.25	101.3	31.93	
10424	62.87	66.8	101.97	39.1	
10425	61.46	34.06	101.46	40	
10426	58.78	17.6	101.46	42.68	
10427	58.37	18.32	101.45	43.08	
10428	58.78	20.76	101.4	42.62	
10429	59.06	19.94	101.46	42.4	
10430	31.26	0.91	99.57	68.31	
10431	53.8	26.69	94.1	40.3	
10432	36.33	2138.18	99.57	63.24	
10433	35.49	56.87	97.24	61.75	
10434	35.37	42.02	96.16	60.79	
10435	35.56	792.96	96.07	60.51	
10436	35.71	1244.21	95.92	60.21	
10437	35.34	1557.11	95.68	60.34	
10438	42.36	4.88	94.35	51.99	
10439	60.5	12.73	94.1	33.6	
10440	61.5	9.9	94.1	32.6	
10441	46.25	266.04	94.35	48.1	
10442	54.4	33.47	94.1	39.7	
10443	53.11	23.62	94.3	41.19	
10444	44.24	57.51	94.31	50.07	
10445	48.23	14.06	94.3	46.07	
10446	45.16	55.58	94.31	49.15	
10447	44.92	62.65	94.3	49.38	
10448	45.72	45.6	94.29	48.57	
10449	44.32	16.16	94.31	49.99	
10450	47.18	29.63	94.3	47.12	
10451	49.41	19.03	94.3	44.89	
10452	51.22	14.21	94.3	43.08	
10453	51.71	41.22	94.3	42.59	
10454	54.77	9.14	94.28	39.51	
10455	47.58	50.42	94.3	46.72	
10456	50.21	30.14	94.3	44.09	
10457	47.73	41.74	94.28	46.55	
10458	53.86	25.56	94.28	40.42	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
10459	48.79	19.37	94.29	45.5	
10460	46.14	44.71	100.13	53.99	
10461	46.85	14.41	100.13	53.28	
10462	46.28	11.98	100.13	53.85	
10463	46.41	16.79	100.14	53.73	
10464	45.44	17.97	100.15	54.71	
10465	45.48	6.77	100.12	54.64	
10466	45.42	22.3	100.11	54.69	
10467	46.28	0	100.28	54	
10468	46.28	2.11	100.19	53.91	
10469	45.12	5.63	100.16	55.04	
10470	44.63	0	100.21	55.58	
10471	44.88	0	100.15	55.27	
10472	46.69	0	100.15	53.46	
10473	45.44	0	100.21	54.77	
10474	46.28	1.79	100.25	53.97	
10475	44.8	25.01	100.15	55.35	
10476	46.58	0.88	96.89	50.31	
10477	46.24	51.96	96.89	50.65	
10478	46.24	0	96.91	50.67	
10479	45.88	1216.78	94.95	49.07	
10480	47.1	50.21	96.27	49.17	
10481	46.58	35.01	96.96	50.38	
10482	46.8	17.43	96.59	49.79	
10483	46.33	25.27	95.96	49.63	
10484	44.05	196.94	95.2	51.15	
10485	45.19	53.43	95.94	50.75	
10486	48.6	7.78	95.76	47.16	
10487	49.12	30.96	95.76	46.64	
10488	48.13	28.2	95.8	47.67	
10489	47.79	20.58	95.93	48.14	
10490	47.53	29.99	95.71	48.18	
10491	47.92	26.84	95.75	47.83	
10492	89.67	37.52	100.45	10.78	
10493	74.78	20.51	100.26	25.48	
10494	70.52	0.24	99.82	29.3	
10495	67.6	47.58	99.82	32.22	
10496	75.34	0	101.65	26.31	
10497	75.34	33.34	100.56	25.22	
10498	75.14	25.53	100.23	25.09	
10499	76.28	60.14	100.24	23.96	
10500	69.92	28.26	99.99	30.07	
10501	79.49	44.77	100.21	20.72	
10502	67.93	34.04	99.83	31.9	
10503	70.74	8.37	99.91	29.17	
10504	67.8	72.42	99.8	32	
10505	81.5	156.04	101.27	19.77	
10506	68.17	75.29	99.8	31.63	
10507	82.9	2287.61	100.3	17.4	
10508	82.5	0	100.38	17.88	
10509	94.55	878.44	99.74	5.19	
10510	72.69	60.56	99.78	27.09	
10511	72.83	56.62	99.8	26.97	
10512	76.21	38.77	99.78	23.57	
10513	69.34	66.68	99.79	30.45	
10514	67.3	0	87.55	20.25	
10515	67.64	58.73	87.69	20.05	
10516	48.78	32.9	92.9	44.12	
10517	49.18	5.02	93.06	43.88	
10518	48.85	171.99	92.96	44.11	
10519	48.68	90.95	93.04	44.36	
10520	47.72	7.81	93.07	45.35	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
10521	47.33	15.68	93.09	45.76	
10522	47.5	21.25	93.21	45.71	
10523	48.33	50.54	93.21	44.88	
10524	48.08	35.35	93.34	45.26	
10525	49.15	96.15	93.53	44.38	
10526	46.38	2.09	95.94	49.56	
10527	47.46	30.03	93.33	45.87	
10528	47.4	42.6	93.52	46.12	
10529	46.63	33.46	95.94	49.31	
10530	45.63	25.54	95.94	50.31	
10531	44.58	23.52	95.88	51.3	
10532	45.27	23.12	95.94	50.67	
10533	45.27	32.68	95.94	50.67	
10534	45.41	35.27	95.94	50.53	
10535	45.47	22.92	95.94	50.47	
10536	44.9	35.75	95.94	51.04	
10537	44.76	28.38	95.94	51.18	
10538	44.7	24.93	95.94	51.24	
10539	45.2	24.75	95.87	50.67	
10540	44.77	20.22	95.87	51.1	
10541	44.29	0	95.79	51.5	
10542	45.1	27.61	95.41	50.31	
10543	44.62	27.66	95.94	51.32	
10544	44.28	22.87	95.87	51.59	
10545	44.27	23	95.81	51.54	
10546	46.31	38.26	95.53	49.22	
10547	44.61	28.65	95.41	50.8	
10548	44.33	35.42	95.53	51.2	
10549	44.4	23.52	95.6	51.2	
10550	45.73	26.82	95.09	49.36	
10551	45.17	27.68	94.15	48.98	
10552	63.63	4.12	90.34	26.71	
10553	60.48	0	85.39	24.91	
10554	52.75	1.14	92.14	39.39	
10555	52.05	22.16	92.15	40.1	
10556	86.43	10.03	104.21	17.78	
10557	83.93	0	104.3	20.37	
10558	83.93	3164.1	103.99	20.06	
10559	97.69	552.95	138.58	40.89	
10560	97.69	0	138.58	40.89	
10561	97.69	7.64	138.56	40.87	
10562	99.05	28.3	138.6	39.55	
10563	79.4	64.71	103.87	24.47	
10564	71.46	0	103.99	32.53	
10565	76.36	426.15	102.06	25.7	
10566	68.39	157.39	102.26	33.87	
10567	69.25	18.24	102.25	33	
10568	71.09	28.59	102.15	31.06	
10569	49.47	55.7	99.25	49.78	
10570	43.93	1474.43	97.37	53.44	
10571	41.33	137.84	94.66	53.33	
10572	44.78	74.01	94.65	49.87	
10573	42.12	42.31	94.66	52.54	
10574	42.92	59.77	94.66	51.74	
10575	71.05	109.45	98.95	27.9	
10576	66.74	1.89	98.81	32.07	
10577	66.05	901.33	98.71	32.66	
10578	52.93	128.52	102.28	49.35	
10579	53.29	0	102.33	49.04	
10580	49.33	27.22	102.27	52.94	
10581	49.89	41.21	102.32	52.43	
10582	50.34	2621.18	101.84	51.5	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
10583	50.28	0	101.12	50.84	
10584	46.93	1342.76	101.5	54.57	
10585	46.26	1573.64	101.18	54.92	
10586	65.23	224.76	87.01	21.78	
10587	59.53	909.92	94.35	34.82	
10588	65.64	18.79	94.29	28.65	
10589	75.17	0	94.3	19.13	
10590	65.23	60.91	94.3	29.07	
10591	64.13	21.34	94.28	30.15	
10592	86.46	0	183.83	97.37	
10593	68.25	1.48	94.29	26.04	
10594	80	0	183.89	103.89	
10595	80	0	94.28	14.28	
10596	73.36	0	98.95	25.59	
10597	51.7	0.31	92.15	40.45	
10598	48.4	366.33	91.05	42.65	
10599	46.86	503.59	91.59	44.73	
10600	61.93	63.06	88.05	26.12	
10601	55.38	20.33	88.13	32.75	
10602	53.2	0	91.56	38.36	
10603	49.81	181.76	90.6	40.79	
10604	61.51	0.53	91.33	29.82	
10605	62.43	4.4	91.33	28.9	
10606	56.6	7.78	98.31	41.71	
10607	67.45	29.12	98.78	31.33	
10608	63.54	8.75	93.98	30.44	
10609	63.69	36.99	93.97	30.28	
10610	71.55	38.74	94.44	22.89	
10611	64.27	24.01	94.47	30.2	
10612	36.6	47.76	95.47	58.87	
10613	33.05	15.15	95.45	62.4	
10614	60.06	19.76	96.29	36.23	
10615	69.43	2024.19	96.31	26.88	
10616	48.27	24.1	94.28	46.01	
10617	46.72	30.25	100.13	53.41	
10618	45.28	38.44	100.16	54.88	
10619	64.16	0	94.29	30.13	
10620	64.16	4.05	94.28	30.12	
10621	65.18	8.54	94.29	29.11	
10622	79.22	3.41	94.28	15.06	
10623	39.95	18.98	92.06	52.11	
10624	78.87	0	98.48	19.61	
10625	58.86	37.42	87.19	28.33	
10626	70.91	17.3	98.49	27.58	
10627	69.91	17.3	93.97	24.06	
10628	70.19	0	85.93	15.74	
10629	71.68	0	98.28	26.6	
10630	42.08	0	99.68	57.6	
10631	119.37	0	252.02	132.65	
10632	49.7	77.11	92.52	42.82	
10634	44.46	0	94.7	50.24	
10635	82.78	0	149.72	66.94	
10636	83.3	0	84.93	1.63	
10637	46.41	0	100.07	53.66	
10638	96.73	0	98.54	1.81	
10639	50.05	0	99.33	49.28	
10641	38.48	28.07	100.58	62.1	
10643	69.41	0	101.11	31.7	
10644	45.9	0	96.52	50.62	
10645	67.43	47.76	96.78	29.35	
10647	90.66	0	99.12	8.46	
10648	46.17	42.62	96.52	50.35	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
10649	59.26	9.84	96.91	37.65	
10650	44.27	18.81	96.83	52.56	
10651	69.47	60.44	141.51	72.04	
10652	48.09	0	95.3	47.21	
10653	75.45	0	97.26	21.81	
10654	58.66	0	94.39	35.73	
10655	75.27	0	97.07	21.8	
10656	68.48	48.27	96.97	28.49	
10657	70.85	0	94.66	23.81	
10658	71.84	0	97.66	25.82	
10659	68.71	0	97.55	28.84	
10660	75.56	0	97.04	21.48	
10661	71.33	0	94.06	22.73	
10662	72.57	32.2	94.21	21.64	
10663	43.86	0	95.51	51.65	
10664	50.2	0	101.22	51.02	
10665	73.57	0	102.4	28.83	
10666	65.23	67.36	101.02	35.79	
10667	87.3	0	135.01	47.71	
10668	71.12	25.45	98.9	27.78	
10669	50.2	0	101.22	51.02	
10670	50.39	0	101.6	51.21	
10671	50.94	429.89	100.94	50	
10672	49.43	0	101.56	52.13	
10673	70.75	0	99.1	28.35	
10674	57.58	0	101.72	44.14	
10675	58.24	494.13	102	43.76	
10676	69.64	0	100.34	30.7	
10677	56.75	0	101.13	44.38	
10678	73.54	0	103.11	29.57	
10679	67.28	0	103.12	35.84	
10680	73.75	0	102.7	28.95	
10681	46.28	0	101.14	54.86	
10682	61.43	85.99	100.63	39.2	
10683	69.85	27.31	100.79	30.94	
10684	68.59	63.37	100.73	32.14	
10685	61.48	26.21	100.64	39.16	
10686	70.75	26.66	100.83	30.08	
10687	88.91	300	99.76	10.85	
10688	89.75	22.99	98.34	8.59	
10689	54.55	728.23	97.12	42.57	
10690	70.59	15.66	98.36	27.77	
10691	68.82	28.81	98.49	29.67	
10692	77.58	0	98.35	20.77	
10693	73.91	0	98.27	24.36	
10694	66.12	0	98.18	32.06	
10695	71.88	0	98.87	26.99	
10696	62.06	0	86.56	24.5	
10697	59.48	0	86.9	27.42	
10698	82.92	26.98	98.48	15.56	
10699	58.88	1053.58	87.19	28.31	
10700	67.26	804.67	85.93	18.67	
10701	64.91	24.3	98.5	33.59	
10702	71.69	0	85.93	14.24	
10703	73.44	15.4	98.28	24.84	
10704	66.43	0	97.63	31.2	
10705	36.91	0	99.57	62.66	
10706	49.87	35.35	98.98	49.11	
10707	86.37	0	252.02	165.65	
10708	42.64	0	96.16	53.52	
10709	42.94	0	96.46	53.52	
10710	44.14	0	95.05	50.91	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
10711	65.24	0	92.38	27.14	
10712	76.9	0	93.46	16.56	
10713	84.71	0	149.68	64.97	
10714	43.83	0	95.04	51.21	
10715	44.9	0	94.6	49.7	
10716	44.1	0	95.05	50.95	
10717	51.29	0	94.01	42.72	
10718	84.71	0	149.68	64.97	
10719	84.71	0	84.96	0.25	
10720	81.87	0	118.98	37.11	
10721	46.76	0	95	48.24	
10722	71.91	217	93.96	22.05	
10723	48.72	0	100	51.28	
10724	45.44	0	95.84	50.4	
10725	42.54	0	100.07	57.53	
10726	45.48	0	94.4	48.92	
10727	55.55	0	94.67	39.12	
10728	91.21	0	98.54	7.33	
10729	45.31	0	95.63	50.32	
10730	50.05	0	99.34	49.29	
10731	48.64	0	94.76	46.12	
10732	58.17	0	98.4	40.23	
10733	56.62	42.31	99.53	42.91	
10734	88.33	0	98.65	10.32	
10735	50.85	0	94.77	43.92	
10736	55.87	0	98.63	42.76	
10737	71.94	28.04	93.96	22.02	
10738	38.24	0	100.57	62.33	
10739	42.46	13.54	96.44	53.98	
10740	69.39	0	101.11	31.72	
10741	70.73	0	101.09	30.36	
10742	72.37	0	100.39	28.02	
10743	70.81	0	101.08	30.27	
10744	30.17	0	95.99	65.82	
10745	44.75	224.19	96.83	52.08	
10746	90.66	0	100.69	10.03	
10747	65.58	15.34	96.81	31.23	
10748	50.69	0	96.83	46.14	
10749	71.15	326.83	101.01	29.86	
10750	68.71	0	97.77	29.06	
10751	75.27	0	97.08	21.81	
10752	72.13	42.68	96.31	24.18	
10754	85.32	0	123.11	37.79	
10755	76.76	0	183.7	106.94	
10756	72.87	0	94.98	22.11	
10757	74.54	0	95	20.46	
10758	76.09	0	94.21	18.12	
10759	72.89	0	97.43	24.54	
10760	60.94	0	96.41	35.47	
10761	72.31	0	93.32	21.01	
10762	72.31	29.49	94.21	21.9	
10763	71.74	0	93.99	22.25	
10764	67.55	0	94.66	27.11	
10765	72.69	24.47	94.21	21.52	
10766	71.56	0	95	23.44	
10767	71.14	0	94.17	23.03	
10768	80.08	0	183.59	103.51	
10769	64.37	0	96.88	32.51	
10770	60.23	0	94.66	34.43	
10771	72.33	27.62	94.21	21.88	
10772	71.05	0	94.66	23.61	
10773	64.74	0	97.85	33.11	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
10774	72.31	0	94.21	21.9	
10775	45.42	318.78	96.73	51.31	
10776	65.41	0	96.98	31.57	
10777	65.43	0	96.93	31.5	
10778	70.94	0	95.73	24.79	
10779	75.27	0	97.07	21.8	
10780	71.44	0	94.8	23.36	
10781	62.52	0	96.55	34.03	
10782	66.76	29.9	96.68	29.92	
10783	72.35	0	94.21	21.86	
10784	71.68	0	94.8	23.12	
10785	73.57	0	102.4	28.83	
10786	131.1	45198.4	141.88	10.78	
10787	83.23	0	123.34	40.11	
10788	83.23	0	123.34	40.11	
10789	66.97	16.03	99.59	32.62	
10790	67.88	102.2	99.59	31.71	
10791	80	0	123.4	43.4	
10792	67.67	0	123.22	55.55	
10793	72.15	0	123.35	51.2	
10794	66.17	0	94.25	28.08	
10795	64.91	0	94.25	29.34	
10798	163.65	0	296.71	133.06	
10799	89.27	0	123.72	34.45	
10800	81.87	0	118.98	37.11	
10801	78.7	0	93.75	15.05	
10802	78.42	20.91	93.74	15.32	
10803	78.42	0	93.76	15.34	
10804	71.71	0	90.56	18.85	
10805	66.82	0	110.68	43.86	
10806	67.42	0	116.64	49.22	
10807	72.31	0	110.7	38.39	
10808	71.76	0	110.62	38.86	
10809	71.57	0	92.37	20.8	
10810	68.37	0	92.36	23.99	
10811	67.73	0	92.37	24.64	
10812	67.26	0	93.27	26.01	
10813	67.18	0	92.42	25.24	
10814	78.33	32.19	99.78	21.45	
10815	78.33	33.22	99.76	21.43	
10816	76.85	30.95	123.33	46.48	
10817	76.85	30.95	123.33	46.48	
10818	78.88	0	123.37	44.49	
10819	80.44	36.11	123.36	42.92	
10820	77.58	0	135.13	57.55	
10821	80.2	0	135.01	54.81	
10822	80.2	0	100.05	19.85	
10823	77.72	0	99.44	21.72	
10824	69.33	0	99.39	30.06	
10825	67.05	0	99.3	32.25	
10826	69.2	0	137.26	68.06	
10827	96.5	0	139.11	42.61	
10828	96.5	0	138.88	42.38	
10829	65.74	0	137.26	71.52	
10830	72.63	0	99.25	26.62	
10831	77.36	0	135.72	58.36	
10832	75.11	0	135.76	60.65	
10833	74.49	0	97.05	22.56	
10834	69.52	0	98.49	28.97	
10835	78.35	0	134.75	56.4	
10836	61.51	0	131.38	69.87	
10837	68.84	0	131.38	62.54	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
10838	63.52	0	94.15	30.63	
10839	63.52	0	94.16	30.64	
10840	63.52	0	94.14	30.62	
10842	68.14	0	131.07	62.93	
10843	68.14	0	93.61	25.47	
10844	68.52	0	132.21	63.69	
10845	70.54	0	93.61	23.07	
10846	69.81	0	93.71	23.9	
10848	70.88	0	93.53	22.65	
10849	70.88	0	93.5	22.62	
10850	71.38	0	93.49	22.11	
10851	69.9	0	133.26	63.36	
10853	61.46	0	111.11	49.65	
10854	66.94	0	111.46	44.52	
10855	76.05	0	94.15	18.1	
10856	66.38	0	111.1	44.72	
10857	64.13	0	111.16	47.03	
10858	64.13	0	111.14	47.01	
10859	64.48	0	94.14	29.66	
10860	66.26	0	111.16	44.9	
10861	69.27	0	94.08	24.81	
10862	69.42	0	94.08	24.66	
10863	62.78	0	111.12	48.34	
10864	62.29	0	94.15	31.86	
10865	69.36	0	94.26	24.9	
10866	67.79	0	111.41	43.62	
10867	70.91	0	111.41	40.5	
10868	66.94	0	94.27	27.33	
10869	64.47	0	94.26	29.79	
10870	66.17	0	94.24	28.07	
10871	69.3	0	167.44	98.14	
10872	63.45	0	168.71	105.26	
10873	63.45	0	94.29	30.84	
10874	85.52	0	111.85	26.33	
10875	72.44	0	94.29	21.85	
10876	80.24	0	166.71	86.47	
10879	77.55	0	166.71	89.16	
10881	81.49	0	98.91	17.42	
10882	66.5	0	94.24	27.74	
10883	71.87	0	100.94	29.07	
10884	69.2	0	94.23	25.03	
10885	67.81	0	94.24	26.43	
10886	63.78	0	100.95	37.17	
10887	64.6	0	101.05	36.45	
10888	79.1	0	98.83	19.73	
10889	91.48	52.89	162.68	71.2	
10890	76.37	0	98.59	22.22	
10891	75.09	52.07	162.81	87.72	
10892	83.58	0	162.89	79.31	
10893	83.4	0	162.91	79.51	
10894	85.9	26.2	98.96	13.06	
10895	77.06	0	98.81	21.75	
10896	76.68	0	163.05	86.37	
10897	76.68	0	166.54	89.86	
10898	90	0	163.17	73.17	
10899	90	0	166.71	76.71	
10900	67.28	0	85.32	18.04	
10901	59.64	0	86.29	26.65	
10902	59.64	0	86.9	27.26	
10903	60.4	0	94.44	34.04	
10904	59.04	0	94.44	35.4	
10905	65.74	0	93.36	27.62	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
10906	64.86	0	92.39	27.53	
10907	74.53	0	94.36	19.83	
10908	62.6	0	92.3	29.7	
10909	74.33	0	94.31	19.98	
10910	65.5	0	94.36	28.86	
10911	64.36	0	92.28	27.92	
10912	66.32	0	92.28	25.96	
10913	106.11	0	298.65	192.54	
10914	92.72	0	108.3	15.58	
10915	70.86	0	93.43	22.57	
10916	69.9	0	193.42	123.52	
10917	77.21	0	87.41	10.2	
10918	77.21	0	87.01	9.8	
10919	75.8	0	146.95	71.15	
10920	75.41	0	138.31	62.9	
10921	80	0	95.64	15.64	
10922	86.14	0	96.21	10.07	
10923	73.49	0	96.21	22.72	
10924	71.74	0	96.21	24.47	
10925	74.42	0	99.38	24.96	
10926	74.64	0	138.29	63.65	
10927	74.15	0	138.35	64.2	
10928	80.89	0	138.37	57.48	
10929	86.42	0	100.22	13.8	
10930	88.06	0	100.14	12.08	
10931	75.41	0	138.49	63.08	
10932	80.44	0	136.19	55.75	
10933	72.61	0	91.44	18.83	
10934	111.07	0	164.24	53.17	
10935	94.84	0	176.9	82.06	
10936	85.7	0	110.23	24.53	
10937	79.44	0	95.62	16.18	
10938	72.6	0	110.23	37.63	
10939	81.49	0	95.7	14.21	
10940	76.19	0	139.69	63.5	
10941	73.21	18.05	96.01	22.8	
10942	74.3	0	96.49	22.19	
10943	75.55	0	141.53	65.98	
10944	78.38	0	140.5	62.12	
10945	73.21	0	95.69	22.48	
10946	73.72	0	95.71	21.99	
10947	81.49	0	96.24	14.75	
10948	81.49	0	143.79	62.3	
10950	74.86	0	96.68	21.82	
10951	73.94	20.03	139.41	65.47	
10952	69.43	0	96.93	27.5	
10953	77.4	0	139.36	61.96	
10956	74.06	0	97.41	23.35	
10957	70.29	0	91.44	21.15	
10958	88.48	0	164.86	76.38	
10959	84.48	0	141.74	57.26	
10960	77.2	0	139.44	62.24	
10961	77.2	0	141.74	64.54	
10962	85.15	34.06	100.14	14.99	
10963	82.26	0	100.33	18.07	
10964	76.38	0	117.37	40.99	
10965	79.54	0	100.35	20.81	
10966	87.54	0	118.15	30.61	
10967	87.54	0	164.19	76.65	
10968	91.25	0	164.19	72.94	
10969	84.63	0	100.37	15.74	
10970	82.06	0	118.44	36.38	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
10971	79.28	0	118.34	39.06	
10972	82.78	0	126.99	44.21	
10973	82.48	0	99.64	17.16	
10974	82.48	0	126.99	44.51	
10975	84.05	0	118.2	34.15	
10976	84.05	0	118.2	34.15	
10977	78.57	0	100.37	21.8	
10978	78.57	0	100.73	22.16	
10979	75.82	0	99.92	24.1	
10980	60.15	0	94.26	34.11	
10981	65.72	0	98.51	32.79	
10982	65.72	0	98.58	32.86	
10983	71.68	0	92.38	20.7	
10984	78.55	0	119.04	40.49	
10985	67.3	0	97.62	30.32	
10986	68.07	0	97.58	29.51	
10987	70.44	0	97.55	27.11	
10988	78.61	0	119.13	40.52	
10989	76.8	0	97.87	21.07	
10990	75.27	0	97.86	22.59	
10991	68.58	0	98.54	29.96	
10992	76.5	0	119.14	42.64	
10993	76.5	0	119.14	42.64	
10994	82.3	0	96.22	13.92	
10995	77.46	0	96.22	18.76	
10996	70.18	0	119.14	48.96	
10997	81.8	0	119.14	37.34	
10998	89.9	0	99.28	9.38	
10999	86.45	150.66	103.94	17.49	
11000	86.43	0	104.21	17.78	
11001	67.88	0	96.8	28.92	
11002	64.08	0	96.8	32.72	
11003	70.35	0	96.52	26.17	
11004	71.09	0	119.99	48.9	
11005	74.6	0	119.99	45.39	
11006	78.69	0	97.89	19.2	
11007	73.23	0	98.8	25.57	
11008	73.23	0	98.8	25.57	
11009	72.88	0	120.09	47.21	
11010	69.48	0	96.91	27.43	
11011	66.18	0	120.08	53.9	
11012	34.8	0	145.42	110.62	
11013	72.68	0	95.56	22.88	
11014	74.35	0	95.56	21.21	
11015	72.68	0	126.73	54.05	
11016	76.24	0	183.74	107.5	
11017	77.57	0	94.21	16.64	
11018	77.57	0	123.72	46.15	
11019	98.67	0	123.72	25.05	
11020	98.67	0	127.15	28.48	
11021	107.73	0	127.15	19.42	
11022	107.73	0	129.36	21.63	
11023	107.73	0	127.16	19.43	
11024	107.41	0	127.66	20.25	
11025	107.41	0	127.67	20.26	
11026	112.86	0	127.64	14.78	
11027	79.86	0	94.21	14.35	
11028	67.67	0	94.22	26.55	
11029	67.67	0	183.74	116.07	
11030	99.3	0	238.67	139.37	
11031	99.3	0	108.72	9.42	
11032	210	0	403.66	193.66	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
11033	210	0	295.34	85.34	
11034	153.7	0	297.77	144.07	
11035	153.7	0	221.24	67.54	
11036	153	0	381.86	228.86	
11037	153	0	223.19	70.19	
11038	140.5	0	381.86	241.36	
11039	97.5	0	184.55	87.05	
11040	88	0	168.82	80.82	
11041	74.32	0	138.82	64.5	
11042	79.36	0	102.4	23.04	
11043	77	0	138.97	61.97	
11044	77	0	102.27	25.27	
11045	79.22	0	103.99	24.77	
11046	79.22	0	138.5	59.28	
11047	95.62	0	138.5	42.88	
11048	86.68	0	102.16	15.48	
11049	89.3	0	224.93	135.63	
11050	90.8	0	129.05	38.25	
11051	79.07	0	130.07	51	
11053	65.94	0	95.44	29.5	
11054	67.1	0	94.46	27.36	
11055	63.13	0	94.33	31.2	
11056	64.2	0	95.64	31.44	
11057	72.09	0	95.34	23.25	
11058	63.18	0	94.76	31.58	
11059	62.14	0	94.31	32.17	
11060	72.05	0	96.1	24.05	
11061	65.13	0	96.1	30.97	
11062	63.19	0	96.04	32.85	
11063	62.14	0	94.17	32.03	
11064	77.67	0	200.56	122.89	
11065	106.11	0	193.37	87.26	
11066	80	0	157.63	77.63	
11067	85	0	119.29	34.29	
11068	72.36	0	186.7	114.34	
11069	72.36	0	93.4	21.04	
11070	159.73	0	375.65	215.92	
11071	159.73	0	296.98	137.25	
11072	141	0	297	156	
11073	141	0	250.15	109.15	
11074	66.34	0	166.97	100.63	
11075	86.37	0	252.02	165.65	
11076	64.12	0	94.29	30.17	
11077	142.5	0	158.37	15.87	
11078	142.5	0	198.51	56.01	
11080	62	0	198.33	136.33	
11081	62	0	95.32	33.32	
11082	47.69	0	129.59	81.9	
11083	67.26	0	91.93	24.67	
11084	67.26	0	184.17	116.91	
11085	85	0	90.33	5.33	
11086	85	0	155.81	70.81	
11087	59.48	0	204.81	145.33	
11088	85	0	169.49	84.49	
11089	85	0	229.51	144.51	
11090	69.28	0	91.34	22.06	
11091	69.28	0	181.76	112.48	
11092	69.28	0	91.07	21.79	
11093	93.27	0	152.75	59.48	
11094	63.53	0	165.3	101.77	
11095	85.21	0	110.23	25.02	
11096	81.35	0	116	34.65	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
11097	75.43	0	110.23	34.8	
11099	68.9	0	95.61	26.71	
11100	71.47	0	95.73	24.26	
11102	71.47	0	181.56	110.09	
11103	71.47	0	95.74	24.27	
11104	72.68	0	98.98	26.3	
11105	72.68	0	93.78	21.1	
11106	72.68	0	164.44	91.76	
11107	72.68	0	93.84	21.16	
11108	76.1	0	145.29	69.19	
11109	83.1	0	94.01	10.91	
11110	75.1	0	92.92	17.82	
11111	75.1	0	109.77	34.67	
11112	68.43	0	181.09	112.66	
11113	68.43	0	93.57	25.14	
11114	68.43	0	195.03	126.6	
11115	68.43	0	93.57	25.14	
11116	68.43	0	93.57	25.14	
11117	79.12	0	93.97	14.85	
11118	80.85	0	93.98	13.13	
11119	62.5	0	203.99	141.49	
11120	62.5	0	94.13	31.63	
11121	80.1	0	201.75	121.65	
11122	80.1	0	98.58	18.48	
11123	66.38	0	182.93	116.55	
11124	66.38	0	98.06	31.68	
11125	66.38	0	177.82	111.44	
11126	66.38	0	98.07	31.69	
11127	75.54	0	98.19	22.65	
11128	71.45	0	124.74	53.29	
11129	71.45	0	124.75	53.3	
11130	71.45	0	98.19	26.74	
11131	94.63	0	336.21	241.58	
11132	94.63	0	250.15	155.52	
11133	76.1	0	203.24	127.14	
11134	76.1	0	92.25	16.15	
11135	73.91	0	159.64	85.73	
11136	75.34	0	167.3	91.96	
11137	69.8	0	90.56	20.76	
11138	69.8	0	132.54	62.74	
11139	78.43	0	158.18	79.75	
11140	78.43	0	87.98	9.55	
11141	84.79	0	208.37	123.58	
11143	70.75	0	139.69	68.94	
11144	69.2	0	99.31	30.11	
11145	75.64	0	138.82	63.18	
11146	79.24	0	93.76	14.52	
11147	79.24	0	118.98	39.74	
11154	86.55	0	98.31	11.76	
11155	86.55	0	98.3	11.75	
11156	92.31	0	168.59	76.28	
11157	92.31	0	142.41	50.1	
11158	76.12	0	95.75	19.63	
11159	76.12	0	140.38	64.26	
11160	69.47	0	96.97	27.5	
11161	69.47	0	140.08	70.61	
11162	78.5	0	97.38	18.88	
11163	78.5	0	136.17	57.67	
11164	92.17	80.84	117.35	25.18	
11165	92.17	0	164.3	72.13	
11166	70.39	0	119.99	49.6	
11167	81.55	0	138.35	56.8	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
11170	66.38	0	94.11	27.73	
11172	80.89	0	93.77	12.88	
11173	76.9	0	118.95	42.05	
11175	81.55	0	138.35	56.8	
11177	70.55	0	93.98	23.43	
11179	80.89	0	119.03	38.14	
11180	76.9	0	93.46	16.56	
11182	74.05	0	250.66	176.61	
11183	67.1	8.66	86.27	19.17	
11184	59.76	49.1	88.44	28.68	
11185	42.88	10.54	95.88	53	
11186	68.67	0	98.55	29.88	
11187	49.79	44	89.44	39.65	
11188	102.25	46.82	144.57	42.32	
11189	85	0	96.37	11.37	
11190	85	0	96.37	11.37	
11191	50.78	27.14	95.02	44.24	
11192	73.53	0	88.27	14.74	
11193	82.78	0	84.91	2.13	
11194	88.9	0	98.65	9.75	
11195	88.1	0	98.81	10.71	
11196	89.55	0	96.8	7.25	
9	61.9	0	94.14	32.24	
47	79.86	0	166.71	86.85	
136	85.26	0	86.29	1.03	
138	71.16	0	86.29	15.13	
169	62.96	0	86.56	23.6	
199	66.18	0	96.91	30.73	
209	94.63	0	336.21	241.58	
603	74.7	0	119.58	44.88	
649	87.71	0	135.12	47.41	
1213	87.71	0	135.07	47.36	
1287	74.04	0	99.66	25.62	
1508	88.32	0	164.28	75.96	
1792	87.62	347.92	117.32	29.7	
3120	87.23	0	117.35	30.12	
3198	78.26	0	168.77	90.51	
3406	63.64	0	96.21	32.57	
3510	71.05	0	97.4	26.35	
3513	80.44	0	136.12	55.68	
3791	81.49	0	96.24	14.75	
4142	81.49	0	154.96	73.47	
4771	79.52	0	94.27	14.75	
5486	111.4	0	127.66	16.26	
5551	73.2	0	92.23	19.03	
5552	73.2	0	92.23	19.03	
5634	78.33	24.14	100.21	21.88	
5581	72.75	0	111.14	38.39	
672	71.35	0	94.4	23.05	
5864	71.47	0	202.23	130.76	
5391	88	0	100.03	12.03	
5392	70.51	0	98.09	27.58	
5976	83.39	0	119.13	35.74	
6003	75.12	0	97.55	22.43	
6552	75.12	0	119.06	43.94	
8962	71.81	0	97.58	25.77	
9040	71.81	0	119.04	47.23	
9783	70.12	0	97.62	27.5	
9827	70.12	0	119.04	48.92	
10384	81.3	0	119.14	37.84	
10386	82.42	5.46	85.83	3.41	
10633	82.38	0	85.55	3.17	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
10640	80.45	0	85.55	5.1	
10646	77.9	0	85.56	7.66	
10753	59.84	0	86.92	27.08	
11052	66.34	0	166.97	100.63	
11098	80.23	0	122.52	42.29	
11079	78.43	0	158.18	79.75	
11101	68.94	109.03	100.26	31.32	
11142	73.54	0	138.82	65.28	
11174	73.44	0	138.82	65.38	
11198	79.22	0	97.38	18.16	
11199	73.57	0	136.12	62.55	
11200	85.12	0	137.45	52.33	
11201	97.69	0	104.61	6.92	
11202	79.39	0	102.7	23.31	
11203	69.28	0	97.44	28.16	
1396	84.25	0	119.96	35.71	
11204	82.54	0	119.96	37.42	
11205	92.14	0	100.37	8.23	
11206	84.1	0	101.33	17.23	
11207	60.84	0	119.99	59.15	
11208	48.5	0	91.81	43.31	
11209	54.4	1801.8	92.42	38.02	
11210	51.5	1801.8	92.72	41.22	
11211	51.5	1801.8	86.72	35.22	
11212	38.1	1801.8	91.45	53.35	
11213	36.1	1801.8	91.18	55.08	
11214	31.26	0	99.57	68.31	
11215	60.53	0	95.45	34.92	
11216	75.77	0	96.32	20.55	
11217	36.91	0	100.83	63.92	
11218	42.92	0	99.68	56.76	
11219	42.54	0	95.63	53.09	
11220	45.05	0	94.67	49.62	
11221	47.12	0	94.74	47.62	
11222	45.45	0	95.17	49.72	
11223	47.48	0	95.19	47.71	
11224	50.91	0	95.19	44.28	
11225	48.12	0	95.05	46.93	
11226	48.52	0	94.88	46.36	
11227	52.9	0	94.76	41.86	
11228	55.55	0	94.67	39.12	
11229	56.51	0	94.47	37.96	
11230	59.47	0	94.33	34.86	
11231	65.72	0	93.93	28.21	
11232	70.69	0	93.43	22.74	
11233	72.34	0	93.92	21.58	
11234	74.3	0	92.23	17.93	
9699	85	0	96.37	11.37	
10642	37.5	0	94.1	56.6	
11235	38.1	0	92.54	54.44	
11236	106.82	0	151.42	44.6	
11238	69.46	0	115.99	46.53	
11239	69.46	0	95.84	26.38	
11240	77.4	0	95.79	18.39	
11241	75.65	0	95.78	20.13	
11242	77.56	0	154.96	77.4	
11243	66.66	0	96.12	29.46	
11244	66.66	0	165.25	98.59	
11245	69.46	0	95.79	26.33	
11246	100.47	0	156.79	56.32	
11247	85.32	0	123.11	37.79	
11249	71.79	0	95.56	23.77	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
11250	97.32	0	123.11	25.79	
11251	85.32	0	123.11	37.79	
11252	86.64	0	94.05	27.41	
11253	65.93	0	116.89	50.96	
11254	73.5	0	109.76	36.26	
11255	73.63	0	93.55	19.92	
11256	68.31	0	131.66	63.35	
11258	72.09	0	131.4	59.31	
11259	62.29	0	94.08	31.79	
11260	146.44	0	208.02	61.58	
11261	71.49	0	94.29	22.8	
11262	76.16	0	166.71	90.55	
11263	76.16	0	98.91	22.75	
11264	76.16	0	93.89	17.73	
11265	76.16	0	166.71	90.55	
11266	94.5	0	131.67	37.17	
4528	46.41	0	94.4	47.99	
10796	44.63	0	94.4	49.77	
10797	47.9	0	94.76	46.86	
10841	48.06	0	94.33	46.27	
10847	56.62	0	94.31	37.69	
10852	61.27	0	93.96	32.69	
10877	80.24	0	94.46	14.22	
10878	69.3	0	98.91	29.61	
10880	69.3	0	98.96	29.66	
10949	48.23	0	87.32	39.09	
10954	37.9	0	97.53	59.63	
11148	40.24	0	100.12	59.88	
11149	135	166.24	183.95	48.95	
11150	140	4638.34	147.41	7.41	
11151	125.3	5536.12	131.63	6.33	
11152	150.9	920.3	203.06	52.16	
11153	126	383.55	166.62	40.62	
11168	145	3167.94	152.06	7.06	
11169	126.5	2790.62	165.88	39.38	
11171	167.4	1298.7	200.97	33.57	
11176	172.7	1819.62	207.89	35.19	
11178	115	1562.38	201.32	86.32	
11181	106	248.77	157.61	51.61	
11248	137	2544.53	178.09	41.09	
11267	121.6	4082.55	144.6	23	
11268	148.8	4368.27	160.89	12.09	
11269	134.3	8596.79	154.68	20.38	
11270	115	441.35	199.31	84.31	
11271	120	245.02	181.31	61.31	
11272	152	7249.33	164.02	12.02	
11273	125	10359.26	151.35	26.35	
11274	101.3	256.68	155.81	54.51	
11275	114	1822.86	177.78	63.78	
11276	294.8	222.32	402.93	108.13	
11277	165	24.14	336.18	171.18	
11278	203.8	292.41	214.36	10.56	
11280	110	0	181.87	71.87	
11281	117.76	0	181.82	64.06	
11282	165	757.57	196.99	31.99	
11283	80.58	0	96.21	15.63	
10955	72.1	1374.38	92.23	20.13	
11197	67.27	0	92.21	24.94	
11279	91.5	2746.9	96.29	4.79	
11288	66.7	2746.9	86.76	20.06	
11297	85	4903.62	95.07	10.07	
11306	36.42	0	80.35	43.93	

2.1 대전광역시 격점 관망해석자료 (2025년)

절점번호	지반고 (m)	절점유량 시간최대(CMD)	동수두 (m)	잔류수두 (m)	비고
11309	54.7	1639.3	78.66	23.96	
11311	36.29	0	80.34	44.05	
11312	36.42	0	80.35	43.93	
11284	90	7818.2	110.55	20.55	
11296	70	5761.6	85.35	15.35	
11298	57	5730.4	91.28	34.28	
11299	98	3952	123.66	25.66	
11300	34	0	90.38	56.38	
11301	65	4009.2	98.64	33.64	
11302	34	0	130.7	96.7	
11303	34	0	110.67	76.67	
11304	35	361.4	90.59	55.59	
11305	69.34	0	113.94	44.6	
11307	80	1727.7	92.28	12.28	
11308	75	865.8	93	18	
11313	75	1168.7	92.8	17.8	
11237	83	1558.7	116.31	33.31	
11257	78	5151.9	92.18	14.18	
11285	95	12613.9	113.24	18.24	
11286	65.46	0	84.29	18.83	
11287	80	3117.4	91.26	11.26	
11290	70	3801.2	118.15	48.15	
11291	34	3018.6	88.5	54.5	
11292	95	1688.7	128.99	33.99	
11293	70	30810	88	18	
11294	96	605.8	108.28	12.28	
11314	46	0	100.53	54.53	
11315	34	0	100.26	66.26	
11316	32	0	100.23	68.23	
11317	34	0	100.19	66.19	
11318	40	0	100.13	60.13	
11295	53.49	0	111.83	58.34	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
1	2	66.63	300	100	2,371.50	0.39	0.95	
2	6	0.4	200	100	0.00	0	0	
3	7	101.8	80	100	0.00	0	0	
4	8	287.84	400	100	0.00	0	0	
5	9	85.41	400	100	3,108.79	0.29	0.39	
6	10	871.74	200	100	0.00	0	0	
7	12	189.65	80	100	219.35	0.51	7.25	
8	13	68.33	200	100	0.01	0	0	
9	15	51.94	150	100	0.00	0	0	
10	17	89.29	200	100	421.58	0.16	0.28	
11	19	17.26	100	100	54.53	0.08	0.19	
12	21	2.91	200	100	1,078.12	0.4	1.6	
13	23	209.41	150	100	0.00	0	0	
14	24	249.11	150	100	0.00	0	0	
15	25	97.89	150	100	0.00	0	0	
16	26	5.92	150	100	357.10	0.23	0.84	
17	27	465.56	300	100	0.00	0	0	
18	28	2.13	150	100	0.00	0	0	
19	29	170.61	150	100	0.00	0	0	
20	30	25.45	150	100	347.92	0.23	0.8	
21	31	88.06	150	100	80.83	0.05	0.05	
22	32	184.85	250	100	633.09	0.15	0.2	
23	33	26.41	200	100	823.01	0.3	0.97	
24	35	108.07	400	100	2,371.49	0.22	0.23	
25	38	1.09	300	100	3,149.56	0.52	1.61	
26	39	273.77	150	100	0.00	0	0	
27	40	37.15	250	100	162.03	0.04	0.02	
28	41	2.11	500	100	3,707.96	0.22	0.18	
29	44	2.5	200	100	0.01	0	0	
30	47	0.12	400	100	2,549.89	0.23	0.31	
31	53	168.04	150	100	490.50	0.32	1.51	
32	54	180.91	200	100	815.05	0.3	0.95	
33	55	37.39	150	100	434.69	0.28	1.2	
34	56	582.61	100	100	50.62	0.07	0.16	
35	57	291.87	100	100	88.70	0.13	0.46	
36	58	89.53	150	100	15.37	0.01	0	
37	59	81.72	300	100	3,401.46	0.56	1.86	
38	60	83.34	100	100	47.99	0.07	0.15	
39	61	79.29	150	100	135.57	0.09	0.14	
40	62	137.17	150	100	208.76	0.14	0.31	
41	63	247.02	150	100	255.54	0.17	0.45	
42	64	799.85	150	100	100.04	0.07	0.08	
43	65	68.76	100	100	410.88	0.61	7.82	
44	66	201.86	1100	100	121,569.90	1.48	2.5	
45	67	218.17	100	100	92.08	0.14	0.48	
46	68	1.07	200	100	1,229.47	0.45	2.03	
47	69	12.21	400	100	816.61	0.08	0.03	
48	70	19.28	100	100	58.34	0.09	0.21	
49	71	82.13	1500	100	116.34	0	0	
50	72	574.76	1000	100	7,510.97	0.11	0.02	
51	73	51.39	150	100	183.50	0.12	0.24	
52	74	175.8	500	100	17,273.75	1.02	3.13	
53	75	377.85	350	100	1,441.28	0.17	0.18	
54	76	238.06	350	100	381.78	0.05	0.02	
55	77	349.19	350	100	323.44	0.04	0.01	
56	78	30.76	200	100	14.69	0.01	0	
57	79	141.8	80	100	18.81	0.04	0.08	
58	80	355.89	100	100	1.96	0	0	
59	81	526.59	350	100	0.00	0	0	
60	82	1.28	200	100	0.00	0	0	
61	83	13.84	200	100	282.89	0.1	0.13	
62	84	54.76	300	100	0.00	0	0	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
63	85	349.64	400	100	3.723.30	0.34	0.54	
64	86	51.91	200	100	321.58	0.12	0.17	
65	87	226.46	200	100	183.94	0.07	0.06	
66	88	261.8	200	100	119.60	0.04	0.03	
67	89	132.26	80	100	24.14	0.06	0.12	
68	90	181.85	400	100	0.00	0	0	
69	91	58.97	900	100	11.582.36	0.21	0.09	
70	92	2395.16	900	100	32.509.79	0.59	0.58	
71	93	261.19	600	100	15.608.01	0.64	1.07	
72	94	360.01	200	100	2.014.80	0.74	5.08	
73	95	115.5	600	100	9.254.53	0.38	0.41	
74	96	863.58	600	100	7.239.74	0.3	0.26	
75	97	22.24	500	100	894.59	0.05	0.01	
76	98	586.51	1000	100	47.074.57	0.69	0.68	
77	99	820.7271	500	100	6.086.30	0.36	0.45	
78	100	1021.9	300	100	930.87	0.15	0.17	
79	101	528.83	150	100	1.80	0	0	
80	102	4038.96	200	100	396.84	0.15	0.25	
81	103	148.52	150	100	570.13	0.37	1.99	
82	104	42.16	400	100	14.666.22	1.35	6.85	
83	105	341.3	500	100	15.187.88	0.9	2.47	
84	106	297.66	1350	100	128.308.30	1.04	1.02	
85	107	21.2	200	100	91.06	0.03	0.02	
86	108	85.05	150	100	391.20	0.26	0.99	
87	109	78.24	150	100	23.54	0.02	0.01	
88	110	23.59	600	100	17.954.34	0.73	1.38	
89	111	712.17	200	100	766.98	0.28	0.85	
90	112	409.59	100	100	6.08	0.01	0	
91	113	79.91	100	100	13.13	0.02	0.01	
92	114	1245.82	700	100	24.088.89	0.72	1.13	
93	115	179.04	100	100	56.31	0.08	0.2	
94	116	23.46	1100	100	98.055.46	1.19	1.68	
95	117	10.47	1500	100	23.350.03	0.15	0.03	
96	118	77.93	150	100	1.870.25	1.22	17.96	
97	119	10.78	150	100	1.935.90	1.27	19.15	
98	120	39.51	200	100	451.62	0.17	0.32	
99	121	67.28	100	100	80.05	0.12	0.38	
100	122	134.32	100	100	113.52	0.17	0.72	
101	123	22.78	1500	100	121.429.70	0.8	0.55	
102	124	62.37	100	100	226.07	0.33	2.59	
103	125	192.85	100	100	113.63	0.17	0.72	
104	126	70.25	350	100	219.57	0.03	0.01	
105	127	145.12	100	100	10.17	0.01	0.01	
106	128	49.23	100	100	70.82	0.1	0.3	
107	129	30.44	100	100	217.57	0.32	2.41	
108	130	54.77	200	100	1.243.81	0.46	2.08	
109	131	91.59	100	100	109.95	0.16	0.68	
110	132	68.68	100	100	36.94	0.05	0.09	
111	133	85.25	100	100	70.87	0.1	0.3	
112	134	42.09	100	100	72.71	0.11	0.32	
113	135	73.76	100	100	69.27	0.1	0.29	
114	136	46.33	350	100	2.316.08	0.28	0.43	
115	137	85.35	100	100	224.77	0.33	2.56	
116	138	12.06	100	100	219.84	0.32	2.46	
117	139	68.39	300	100	3.474.46	0.57	1.93	
118	140	33.32	100	100	242.84	0.36	2.95	
119	141	37.17	500	100	14.998.07	0.88	2.41	
120	142	97.31	80	100	335.29	0.77	15.91	
121	143	93.27	80	100	63.38	0.15	0.73	
122	144	32.63	100	100	31.34	0.05	0.07	
123	145	170.72	100	100	130.44	0.19	0.93	
124	146	39.16	80	100	5.18	0.01	0.01	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
125	147	121.42	350	100	11.846.94	1.43	8.85	
126	148	135.76	350	100	2.328.60	0.28	0.43	
127	149	243.35	200	100	1.115.79	0.41	1.7	
128	150	41.54	100	100	59.02	0.09	0.21	
129	151	71.51	80	100	58.72	0.14	0.63	
130	152	43.97	100	100	204.44	0.3	2.15	
131	153	83.07	100	100	88.46	0.13	0.45	
132	154	60.78	150	100	1.322.28	0.87	9.45	
133	155	100.18	100	100	467.03	0.69	9.91	
134	156	78.6	100	100	552.87	0.81	13.55	
135	157	158.5	100	100	163.02	0.24	1.41	
136	158	119.09	80	100	123.81	0.29	2.51	
137	159	3.43	80	100	29.24	0.07	0.17	
138	160	120.62	350	100	2.911.21	0.35	0.66	
139	161	148.23	80	100	94.54	0.22	1.53	
140	162	103.24	350	100	4.576.32	0.55	1.52	
141	163	137.48	100	100	127.29	0.19	0.89	
142	164	112.54	100	100	132.57	0.2	0.96	
143	165	115.31	100	100	209.99	0.31	2.26	
144	166	61.02	100	100	122.68	0.18	0.83	
145	167	59.41	80	100	17.64	0.04	0.07	
146	168	62.53	100	100	34.84	0.05	0.08	
147	169	84.68	150	100	176.71	0.12	0.23	
148	170	86.74	150	100	171.55	0.11	0.22	
149	171	59.01	80	100	35.74	0.08	0.25	
150	172	34.35	150	100	199.47	0.13	0.28	
151	173	135.04	100	100	107.75	0.16	0.66	
152	174	79.73	80	100	60.54	0.14	0.67	
153	175	124.73	100	100	100.45	0.15	0.58	
154	176	185.11	150	100	221.25	0.14	0.34	
155	177	131.14	200	100	983.35	0.36	1.35	
156	178	42.93	80	100	200.49	0.46	6.14	
157	179	62.27	150	100	1.066.96	0.7	6.35	
158	180	39.55	80	100	83.92	0.19	1.22	
159	181	91.57	80	100	50.26	0.12	0.47	
160	182	89.23	400	100	10.195.79	0.94	3.5	
161	183	127.6	100	100	101.20	0.15	0.58	
162	184	60.76	100	100	1.18	0	0	
163	185	167.86	400	100	10.148.15	0.93	3.47	
164	186	161.12	100	100	159.77	0.24	1.36	
165	187	127.44	100	100	145.22	0.21	1.14	
166	188	64.37	100	100	110.47	0.16	0.69	
167	189	69.96	100	100	135.29	0.2	1	
168	190	65.37	100	100	86.99	0.13	0.44	
169	191	90.25	80	100	153.52	0.35	3.75	
170	192	66.37	400	100	11.192.28	1.03	4.16	
171	193	67.77	100	100	146.57	0.22	1.16	
172	194	76.17	100	100	172.23	0.25	1.56	
173	195	45.27	100	100	314.76	0.46	4.77	
174	196	88.05	100	100	290.46	0.43	4.11	
175	197	10.71	150	100	1.840.77	1.21	17.44	
176	198	419.12	300	100	1.013.10	0.17	0.2	
177	199	68	400	100	12.074.95	1.11	4.78	
178	200	330.82	100	100	184.30	0.27	1.77	
179	201	91.5	80	100	193.34	0.45	5.74	
180	202	122.57	80	100	165.11	0.38	4.28	
181	203	75.09	400	100	12.777.01	1.18	5.31	
182	204	277.02	800	100	34.206.79	0.79	1.12	
183	205	158.17	150	100	366.58	0.24	0.88	
184	206	64.49	100	100	214.14	0.32	2.34	
185	207	172.55	150	100	705.63	0.46	2.95	
186	208	62.24	80	100	35.00	0.08	0.24	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
187	209	69.42	400	100	4.914.60	0.45	0.9	
188	210	246.23	200	100	188.45	0.07	0.06	
189	211	140.48	150	100	666.64	0.44	2.66	
190	212	174.59	100	100	218.56	0.32	2.43	
191	213	64.56	100	100	221.86	0.33	2.5	
192	214	167.6	150	100	73.65	0.05	0.04	
193	215	132.31	400	100	6.423.03	0.59	1.49	
194	216	105.04	350	100	2.736.60	0.33	0.59	
195	217	5.32	400	100	5.343.04	0.49	1.06	
196	218	69.82	100	100	346.24	0.51	5.7	
197	219	69.02	100	100	200.18	0.29	2.06	
198	220	268.92	1000	100	78.082.88	1.15	1.75	
199	221	124.25	100	100	49.34	0.07	0.15	
200	222	71.17	300	100	1.998.59	0.33	0.69	
201	223	131.19	100	100	27.61	0.04	0.05	
202	224	69.54	100	100	63.05	0.09	0.24	
203	225	20.02	300	100	128.81	0.02	0	
204	226	6.24	300	100	1.041.80	0.17	0.21	
205	227	150	250	100	1.897.20	0.45	1.53	
206	228	122.42	80	100	81.46	0.19	1.16	
207	229	170.55	150	100	415.59	0.27	1.11	
208	230	68.04	100	100	21.49	0.03	0.03	
209	231	89.24	100	100	264.33	0.39	3.45	
210	232	98.78	150	100	429.75	0.28	1.18	
211	233	155.17	200	100	330.62	0.12	0.18	
212	234	111.35	300	100	1.216.07	0.2	0.28	
213	235	219.03	100	100	35.63	0.05	0.08	
214	236	86.83	100	100	1.75	0	0	
215	237	99.48	300	100	1.609.87	0.26	0.47	
216	238	108.39	300	100	2.229.01	0.36	0.85	
217	239	229.95	100	100	12.34	0.02	0.01	
218	240	141.18	200	100	888.95	0.33	1.12	
219	241	131.65	100	100	87.96	0.13	0.45	
220	242	380.35	800	100	33.475.29	0.77	1.08	
221	243	76.16	300	100	2.749.68	0.45	1.25	
222	244	118.63	250	100	2.182.27	0.51	1.99	
223	245	2.63	300	100	3.823.92	0.63	2.31	
224	246	97.87	150	100	110.14	0.07	0.09	
225	247	68.35	300	100	654.53	0.11	0.09	
226	248	72.41	300	100	575.98	0.09	0.07	
227	249	171.51	100	100	71.52	0.11	0.31	
228	250	133.89	150	100	186.30	0.12	0.25	
229	251	74.99	300	100	709.65	0.12	0.1	
230	252	15.32	150	100	3.45	0	0	
231	253	172.73	100	100	107.99	0.16	0.66	
232	254	13.9	100	100	92.50	0.14	0.49	
233	255	92.56	250	100	479.13	0.11	0.12	
234	256	65.14	100	100	120.15	0.18	0.8	
235	257	172.64	150	100	414.84	0.27	1.1	
236	258	142.2	100	100	69.38	0.1	0.29	
237	259	55.45	150	100	86.06	0.06	0.06	
238	260	67.65	300	100	796.37	0.13	0.13	
239	261	134.65	100	100	78.23	0.12	0.36	
240	262	64.62	150	100	103.96	0.07	0.08	
241	263	64.8	150	100	46.20	0.03	0.02	
242	264	160.16	150	100	250.47	0.16	0.43	
243	265	98.03	100	100	5.60	0.01	0	
244	266	152.69	100	100	40.41	0.06	0.11	
245	267	117.74	100	100	22.10	0.03	0.03	
246	268	59.79	150	100	359.00	0.24	0.84	
247	269	30.23	150	100	346.92	0.23	0.79	
248	270	84.43	100	100	118.32	0.17	0.78	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
249	271	51.91	100	100	111.49	0.16	0.7	
250	272	81.45	100	100	15.91	0.02	0.02	
251	273	64.5	250	100	1,178.10	0.28	0.63	
252	274	63.64	250	100	686.31	0.16	0.23	
253	275	92.74	150	100	686.74	0.45	2.81	
254	276	73.56	150	100	207.29	0.14	0.31	
255	277	65.99	150	100	17.76	0.01	0	
256	278	100.67	100	100	244.43	0.36	2.99	
257	279	145.04	80	100	66.71	0.15	0.8	
258	280	167.38	150	100	296.18	0.19	0.59	
259	281	89.71	100	100	123.23	0.18	0.84	
260	282	252.2	100	100	151.82	0.22	1.24	
261	283	110.36	100	100	113.74	0.17	0.72	
262	284	109.36	250	100	1,272.61	0.3	0.73	
263	285	352.39	100	100	126.79	0.19	0.89	
264	286	173.66	100	100	45.01	0.07	0.13	
265	287	146.15	100	100	37.14	0.05	0.09	
266	288	62.92	100	100	47.81	0.07	0.15	
267	289	63.25	100	100	35.20	0.05	0.08	
268	290	114.18	100	100	205.02	0.3	2.16	
269	291	83.12	150	100	419.33	0.27	1.13	
270	292	270.59	250	100	1,404.15	0.33	0.88	
271	293	8.29	600	100	989.42	0.04	0.01	
272	294	211.58	600	100	19,669.76	0.81	1.64	
273	295	184.71	250	100	1,269.60	0.3	0.73	
274	296	33.38	250	100	4,119.79	0.97	6.44	
275	297	188.93	250	100	1,885.01	0.44	1.51	
276	298	41.91	100	100	5.08	0.01	0	
277	299	141.98	100	100	95.53	0.14	0.52	
278	300	139.77	100	100	96.35	0.14	0.53	
279	301	76.64	100	100	7.36	0.01	0	
280	302	163.75	150	100	344.89	0.23	0.78	
281	303	301.33	300	100	1,726.89	0.28	0.53	
282	304	79.35	150	100	840.61	0.55	4.09	
283	305	63.72	150	100	323.27	0.21	0.7	
284	306	78.03	150	100	381.23	0.25	0.94	
285	307	160.4	150	100	187.61	0.12	0.25	
286	308	93.7	150	100	413.71	0.27	1.1	
287	309	32.07	150	100	567.98	0.37	1.98	
288	310	78.13	100	100	26.17	0.04	0.05	
289	311	106.34	400	100	4,079.68	0.38	0.64	
290	312	44.61	100	100	52.56	0.08	0.17	
291	313	43.96	400	100	4,564.07	0.42	0.79	
292	314	43.83	100	100	110.89	0.16	0.69	
293	315	36.13	100	100	128.96	0.19	0.91	
294	316	482.66	1100	100	97,191.31	1.18	1.65	
295	317	67.59	100	100	19.18	0.03	0.03	
296	318	93.61	80	100	14.13	0.03	0.05	
297	319	81.9	100	100	71.76	0.11	0.31	
298	320	68.87	200	100	2,016.45	0.74	5.09	
299	321	206.5	200	100	350.25	0.13	0.2	
300	322	198.41	100	100	98.62	0.15	0.56	
301	323	67.14	150	100	605.49	0.4	2.22	
302	324	158.43	80	100	24.16	0.06	0.12	
303	325	144.86	200	100	791.85	0.29	0.9	
304	326	162.14	80	100	4.31	0.01	0	
305	327	83.43	150	100	187.78	0.12	0.25	
306	328	81.5	100	100	80.62	0.12	0.38	
307	329	105.71	80	100	126.19	0.29	2.6	
308	330	267.21	100	100	61.44	0.09	0.23	
309	331	493.74	1000	100	79,256.87	1.17	1.8	
310	332	170.09	100	100	24.42	0.04	0.04	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
311	333	95.47	100	100	7.85	0.01	0.01	
312	334	79.65	1000	100	43,154.84	0.64	0.58	
313	335	136.16	250	100	1,148.58	0.27	0.6	
314	336	7.91	250	100	1,148.58	0.27	0.61	
315	337	128.17	150	100	263.23	0.17	0.48	
316	338	540.42	250	100	947.63	0.22	0.42	
317	339	1.16	150	100	947.64	0.62	5.1	
318	340	5.9	150	100	144.41	0.09	0.16	
319	341	97.87	150	100	144.41	0.09	0.16	
320	342	102.22	100	100	90.44	0.13	0.47	
321	343	5.62	250	100	121.27	0.03	0.01	
322	344	78.75	100	100	156.07	0.23	1.3	
323	345	31.8	300	100	4,912.54	0.8	3.67	
324	346	69.91	300	100	679.63	0.11	0.09	
325	347	64.47	150	100	448.51	0.29	1.28	
326	348	99.04	100	100	112.47	0.17	0.71	
327	349	129.43	80	100	62.43	0.14	0.71	
328	350	74.3	100	100	165.55	0.24	1.45	
329	351	78.19	100	100	151.30	0.22	1.23	
330	352	115.03	100	100	142.85	0.21	1.11	
331	353	220.51	150	100	267.06	0.17	0.49	
332	354	248.2	100	100	136.13	0.2	1	
333	355	47.77	150	100	694.41	0.45	2.87	
334	356	365.83	700	100	33,228.26	1	2.04	
335	357	64.97	700	100	30,551.93	0.92	1.75	
336	358	60.8	100	100	0.24	0	0	
337	359	46.13	100	100	211.21	0.31	2.28	
338	360	59.98	100	100	150.61	0.22	1.22	
339	361	14.33	100	100	344.80	0.51	5.65	
340	362	38.62	100	100	368.36	0.54	6.39	
341	363	173.36	80	100	102.52	0.24	1.77	
342	364	49.3	150	100	254.77	0.17	0.45	
343	365	36.5	150	100	320.78	0.21	0.69	
344	366	266.48	80	100	16.10	0.04	0.06	
345	367	255.18	150	100	36.11	0.02	0.01	
346	368	52.8	150	100	155.25	0.1	0.18	
347	369	7.89	200	100	1,828.54	0.67	4.24	
348	370	140.46	400	100	5,968.92	0.55	1.3	
349	371	65.75	400	100	6,890.22	0.63	1.69	
350	372	80.23	200	100	1,005.18	0.37	1.4	
351	373	70.79	150	100	346.92	0.23	0.79	
352	374	56.11	150	100	119.58	0.08	0.11	
353	375	77.89	100	100	77.21	0.11	0.35	
354	376	39.93	200	100	123.98	0.05	0.03	
355	377	207.08	150	100	369.95	0.24	0.89	
356	378	33.52	100	100	49.37	0.07	0.15	
357	379	74.06	100	100	19.95	0.03	0.03	
358	380	102.62	100	100	43.42	0.06	0.12	
359	381	53.99	100	100	119.05	0.18	0.79	
360	382	170.7	100	100	1.74	0	0	
361	383	188.32	100	100	60.68	0.09	0.23	
362	384	196.63	200	100	586.20	0.22	0.52	
363	385	58.32	100	100	4.95	0.01	0	
364	386	141.34	100	100	135.57	0.2	1	
365	387	140.67	100	100	71.03	0.1	0.3	
366	388	61.38	150	100	287.87	0.19	0.56	
367	389	148.42	150	100	457.55	0.3	1.32	
368	390	157.04	80	100	82.24	0.19	1.18	
369	391	139.75	400	100	6,037.79	0.56	1.32	
370	392	65.72	200	100	435.98	0.16	0.3	
371	393	88.24	150	100	161.67	0.11	0.19	
372	394	109.45	150	100	236.83	0.16	0.39	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
373	395	157.77	150	100	248.46	0.16	0.43	
374	396	148.15	400	100	5,830.18	0.54	1.24	
375	397	69.48	100	100	105.95	0.16	0.64	
376	398	138.19	150	100	360.80	0.24	0.85	
377	399	153.01	150	100	20.02	0.01	0	
378	400	65.31	150	100	197.35	0.13	0.28	
379	401	66.27	150	100	111.39	0.07	0.1	
380	402	13.97	150	100	231.45	0.15	0.37	
381	403	141.54	150	100	240.09	0.16	0.4	
382	404	143.95	150	100	442.45	0.29	1.24	
383	405	149.96	100	100	23.85	0.04	0.04	
384	406	124.69	200	100	339.46	0.13	0.19	
385	407	68.6	250	100	1,295.48	0.31	0.76	
386	408	148.29	150	100	484.17	0.32	1.47	
387	409	46.92	100	100	144.98	0.21	1.14	
388	410	150.01	150	100	223.52	0.15	0.35	
389	411	91.82	250	100	877.32	0.21	0.37	
390	412	84.28	150	100	240.65	0.16	0.4	
391	413	11.68	100	100	88.17	0.13	0.45	
392	414	83.62	150	100	345.59	0.23	0.79	
393	415	148.83	100	100	127.42	0.19	0.89	
394	416	55.78	100	100	268.19	0.4	3.55	
395	417	67.87	100	100	43.87	0.06	0.12	
396	418	373.4	100	100	101.74	0.15	0.59	
397	419	141.85	150	100	116.87	0.08	0.11	
398	420	61.98	100	100	82.83	0.12	0.4	
399	421	286.23	100	100	55.69	0.08	0.19	
400	422	443.33	100	100	207.24	0.31	2.2	
401	423	53.48	700	100	28,052.17	0.84	1.49	
402	424	57.58	150	100	260.43	0.17	0.47	
403	425	4.91	200	100	1,153.17	0.42	1.81	
404	426	30.19	150	100	336.15	0.22	0.75	
405	427	184.45	100	100	80.13	0.12	0.38	
406	428	136.19	100	100	99.76	0.15	0.57	
407	429	135.33	150	100	250.15	0.16	0.43	
408	430	136.87	100	100	79.16	0.12	0.37	
409	431	318.77	100	100	84.94	0.13	0.42	
410	432	3.12	150	100	27.34	0.02	0.01	
411	433	84.38	400	100	5,564.89	0.51	1.14	
412	434	131.72	150	100	463.31	0.3	1.36	
413	435	13.56	200	100	1,632.09	0.6	3.44	
414	436	128.26	200	100	305.86	0.11	0.15	
415	437	4.59	150	100	508.67	0.33	1.61	
416	438	152.79	150	100	170.89	0.11	0.21	
417	439	2.71	150	100	455.02	0.3	1.31	
418	440	141.56	150	100	337.22	0.22	0.75	
419	441	137.98	150	100	327.72	0.21	0.71	
420	442	286.64	100	100	75.94	0.11	0.34	
421	443	153.28	100	100	106.47	0.16	0.64	
422	444	134.51	100	100	15.66	0.02	0.02	
423	445	154.45	100	100	53.57	0.08	0.18	
424	446	67.47	80	100	33.35	0.08	0.22	
425	447	213.85	80	100	22.01	0.05	0.1	
426	448	74.09	80	100	19.10	0.04	0.08	
427	449	117.66	80	100	26.44	0.06	0.14	
428	450	131.3	100	100	62.81	0.09	0.24	
429	451	173.94	80	100	6.16	0.01	0.01	
430	452	64.63	150	100	109.03	0.07	0.09	
431	453	168.9	80	100	2.24	0.01	0	
432	454	141.43	100	100	27.71	0.04	0.05	
433	455	92.47	100	100	2.86	0	0	
434	456	54.76	100	100	108.76	0.16	0.67	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
435	457	109.06	100	100	61.18	0.09	0.23	
436	458	74.28	200	100	355.54	0.13	0.2	
437	459	89.32	150	100	308.08	0.2	0.64	
438	460	143.92	150	100	141.93	0.09	0.15	
439	461	105.92	100	100	3.53	0.01	0	
440	462	58.18	80	100	72.71	0.17	0.94	
441	463	142.69	100	100	35.13	0.05	0.08	
442	464	128.58	100	100	0.63	0	0	
443	465	68.45	100	100	18.44	0.03	0.03	
444	466	172.85	100	100	67.91	0.1	0.28	
445	467	143.14	300	100	1,033.03	0.17	0.2	
446	468	118.51	100	100	40.92	0.06	0.11	
447	469	65.77	150	100	203.04	0.13	0.29	
448	470	66.31	150	100	108.51	0.07	0.09	
449	471	63.88	80	100	29.48	0.07	0.18	
450	472	61.27	80	100	0.37	0	0	
451	473	121.89	80	100	1.24	0	0	
452	474	57.46	150	100	60.15	0.04	0.03	
453	475	122.28	150	100	56.52	0.04	0.03	
454	476	64.84	150	100	126.02	0.08	0.12	
455	477	83.71	100	100	37.68	0.06	0.09	
456	478	90.37	100	100	13.64	0.02	0.01	
457	479	97.76	100	100	10.65	0.02	0.01	
458	480	215.91	150	100	80.29	0.05	0.05	
459	481	64.72	150	100	28.32	0.02	0.01	
460	482	54.45	150	100	51.17	0.03	0.02	
461	483	51.54	100	100	19.95	0.03	0.03	
462	484	74.29	100	100	19.70	0.03	0.03	
463	485	56.31	150	100	134.04	0.09	0.14	
464	486	25.03	100	100	19.38	0.03	0.03	
465	487	42.62	100	100	6.82	0.01	0	
466	488	130.02	100	100	1.57	0	0	
467	489	153.68	80	100	8.43	0.02	0.02	
468	490	104.01	100	100	171.38	0.25	1.55	
469	491	108.23	200	100	765.23	0.28	0.85	
470	492	34.35	600	100	1,834.26	0.08	0.02	
471	493	61.13	400	100	1,920.78	0.18	0.16	
472	494	131.66	150	100	418.15	0.27	1.12	
473	495	80.53	400	100	3,942.11	0.36	0.6	
474	496	75.53	150	100	307.43	0.2	0.63	
475	497	8.44	150	100	286.08	0.19	0.56	
476	498	119.69	100	100	24.38	0.04	0.04	
477	499	70.74	150	100	196.46	0.13	0.28	
478	500	63.75	100	100	61.18	0.09	0.23	
479	501	153.16	100	100	66.42	0.1	0.27	
480	502	10.9	80	100	267.71	0.62	10.49	
481	503	79.49	80	100	38.11	0.09	0.28	
482	504	91.03	100	100	127.07	0.19	0.89	
483	505	101.62	200	100	853.86	0.31	1.04	
484	506	132.43	100	100	39.83	0.06	0.1	
485	507	85.56	100	100	27.52	0.04	0.05	
486	508	111.11	150	100	226.99	0.15	0.36	
487	509	297.89	100	100	95.91	0.14	0.53	
488	510	91.01	200	100	673.81	0.25	0.67	
489	511	97.29	100	100	113.50	0.17	0.72	
490	512	79.65	100	100	38.21	0.06	0.1	
491	513	36.12	100	100	55.76	0.08	0.19	
492	514	66.48	80	100	21.63	0.05	0.1	
493	515	245.67	100	100	51.45	0.08	0.16	
494	516	31.7	80	100	14.49	0.03	0.05	
495	517	123.06	100	100	63.69	0.09	0.25	
496	518	73.58	150	100	64.29	0.04	0.04	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
497	519	175.46	200	100	299.99	0.11	0.15	
498	520	115.2	150	100	0.00	0	0	
499	521	68	150	100	289.26	0.19	0.57	
500	522	8.98	300	100	2,675.14	0.44	1.19	
501	523	58.49	150	100	237.03	0.16	0.39	
502	524	276.61	100	100	100.36	0.15	0.57	
503	525	109.61	200	100	2,185.71	0.81	5.9	
504	526	30.02	80	100	31.61	0.07	0.2	
505	527	126.49	300	100	344.53	0.06	0.03	
506	528	65.55	200	100	562.36	0.21	0.48	
507	529	73.24	150	100	321.93	0.21	0.69	
508	530	73.74	150	100	256.20	0.17	0.45	
509	531	423.57	400	100	3,540.89	0.33	0.49	
510	532	9.05	150	100	414.24	0.27	1.1	
511	533	65.21	200	100	343.69	0.13	0.19	
512	534	135.89	150	100	260.17	0.17	0.47	
513	535	142.28	200	100	190.46	0.07	0.06	
514	536	71.82	100	100	185.21	0.27	1.79	
515	537	49.59	150	100	175.49	0.11	0.22	
516	538	175.95	400	100	4,155.69	0.38	0.66	
517	539	187.25	100	100	52.71	0.08	0.17	
518	540	96.48	100	100	50.05	0.07	0.16	
519	541	150.48	100	100	39.37	0.06	0.1	
520	542	6.97	200	100	1,645.93	0.61	3.49	
521	543	140.45	100	100	29.77	0.04	0.06	
522	544	57.59	100	100	399.17	0.59	7.41	
523	545	139.51	100	100	108.26	0.16	0.66	
524	546	111.15	100	100	486.04	0.72	10.67	
525	547	33.62	100	100	255.41	0.38	3.24	
526	548	32.79	100	100	224.76	0.33	2.56	
527	549	111.82	100	100	72.63	0.11	0.32	
528	550	63.84	100	100	117.17	0.17	0.77	
529	551	140.66	100	100	76.48	0.11	0.35	
530	552	130.64	100	100	36.38	0.05	0.09	
531	553	130.64	100	100	65.67	0.1	0.26	
532	554	539.62	200	100	510.73	0.19	0.4	
533	555	88.28	100	100	72.11	0.11	0.31	
534	556	54.87	150	100	95.63	0.06	0.07	
535	557	202.83	1500	100	171,586.00	1.12	1.04	
536	558	557.74	200	100	2,317.97	0.85	6.58	
537	559	536.16	350	100	8,559.21	1.03	4.85	
538	560	99.3	1350	100	82,276.61	0.67	0.45	
539	561	474.82	200	100	497.74	0.18	0.38	
540	562	153.79	400	100	4,143.82	0.38	0.66	
541	563	2675.52	1000	100	58,658.02	0.86	1.03	
542	564	65.66	1500	100	17,223.68	0.11	0.01	
543	565	720.44	200	100	506.77	0.19	0.39	
544	566	187.89	900	100	45,657.16	0.83	1.08	
545	567	600.67	900	100	44,667.74	0.81	1.04	
546	568	33.64	800	100	33,841.45	0.78	1.1	
547	569	363.53	800	100	33,656.28	0.77	1.09	
548	570	416.5	800	100	38,242.30	0.88	1.38	
549	571	289.31	800	100	35,243.97	0.81	1.19	
550	572	104.42	800	100	30,096.28	0.69	0.89	
551	573	73.43	80	100	3.85	0.01	0	
552	574	48.64	80	100	3.90	0.01	0	
553	575	74.24	80	100	135.30	0.31	2.96	
554	576	114.16	80	100	300.74	0.69	13.01	
555	577	118.21	80	100	7.76	0.02	0.01	
556	578	85.72	80	100	37.29	0.09	0.27	
557	579	112.08	80	100	27.00	0.06	0.15	
558	580	63.54	80	100	266.57	0.61	10.4	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
559	581	76.31	80	100	13.24	0.03	0.04	
560	582	91.38	80	100	14.86	0.03	0.05	
561	583	84.41	80	100	60.15	0.14	0.66	
562	584	43.19	80	100	11.91	0.03	0.03	
563	585	49.49	80	100	54.77	0.13	0.56	
564	586	71.91	80	100	18.43	0.04	0.07	
565	587	33.68	80	100	3.68	0.01	0	
566	588	27.4	80	100	45.67	0.11	0.4	
567	589	176.29	80	100	67.98	0.16	0.83	
568	590	167.66	80	100	14.97	0.03	0.05	
569	591	155.92	80	100	53.70	0.12	0.54	
570	592	157.46	80	100	78.66	0.18	1.09	
571	593	261.14	80	100	16.06	0.04	0.06	
572	594	100.71	80	100	77.13	0.18	1.05	
573	595	122.88	80	100	25.15	0.06	0.13	
574	596	121.08	80	100	25.35	0.06	0.13	
575	597	197.49	80	100	5.87	0.01	0.01	
576	598	187.33	80	100	83.35	0.19	1.21	
577	599	313.48	80	100	10.79	0.02	0.03	
578	600	322.11	80	100	5.22	0.01	0.01	
579	601	58.95	80	100	45.84	0.11	0.4	
580	602	67.87	80	100	95.29	0.22	1.55	
581	603	114.96	80	100	97.06	0.22	1.6	
582	604	122.86	80	100	80.19	0.18	1.12	
583	605	118.74	80	100	21.15	0.05	0.1	
584	606	127.46	80	100	20.36	0.05	0.09	
585	607	82.87	80	100	10.59	0.02	0.03	
586	608	87.3	80	100	195.19	0.45	5.84	
587	609	181.29	80	100	84.38	0.19	1.24	
588	610	216.55	80	100	51.43	0.12	0.49	
589	611	139.65	80	100	7.77	0.02	0.01	
590	612	36.95	80	100	15.58	0.04	0.05	
591	613	36.36	80	100	13.36	0.03	0.04	
592	614	54.45	80	100	60.11	0.14	0.66	
593	615	37.63	80	100	48.83	0.11	0.45	
594	616	151.05	80	100	39.33	0.09	0.3	
595	617	90.54	80	100	51.84	0.12	0.5	
596	618	68.28	80	100	45.00	0.1	0.39	
597	619	175.23	80	100	60.20	0.14	0.66	
598	620	102.83	80	100	44.34	0.1	0.38	
599	621	73.02	80	100	10.99	0.03	0.03	
600	622	26.81	80	100	88.94	0.2	1.36	
601	623	37.46	80	100	159.79	0.37	4.03	
602	624	37.04	80	100	110.78	0.26	2.05	
603	625	77.06	80	100	26.10	0.06	0.14	
604	626	88.69	80	100	52.35	0.12	0.51	
605	627	121.5	80	100	53.66	0.12	0.53	
606	628	159.78	80	100	78.50	0.18	1.08	
607	629	63.43	80	100	62.15	0.14	0.7	
608	630	87.52	80	100	137.67	0.32	3.06	
609	631	86.79	80	100	35.29	0.08	0.25	
610	632	100.57	80	100	2.82	0.01	0	
611	633	156.44	80	100	21.51	0.05	0.1	
612	634	66.12	80	100	3.20	0.01	0	
613	635	86.54	80	100	17.99	0.04	0.07	
614	636	179.49	80	100	5.69	0.01	0.01	
615	637	91.68	80	100	129.98	0.3	2.75	
616	638	162.13	80	100	67.26	0.15	0.81	
617	639	69.91	80	100	103.42	0.24	1.8	
618	640	133.58	80	100	94.91	0.22	1.54	
619	641	87.06	80	100	142.02	0.33	3.24	
620	642	80.34	80	100	52.38	0.12	0.51	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
621	643	72.97	80	100	107.50	0.25	1.94	
622	644	50.15	80	100	97.26	0.22	1.61	
623	645	62.52	80	100	25.58	0.06	0.14	
624	646	127.36	80	100	89.84	0.21	1.39	
625	647	27.28	80	100	170.12	0.39	4.53	
626	648	163.88	80	100	98.62	0.23	1.65	
627	649	80.46	80	100	42.02	0.1	0.34	
628	650	170.05	80	100	67.54	0.16	0.82	
629	651	90.88	80	100	63.02	0.15	0.72	
630	652	166.32	80	100	84.16	0.19	1.23	
631	653	35.02	80	100	19.57	0.05	0.08	
632	654	39.89	80	100	30.70	0.07	0.19	
633	655	67.86	80	100	15.80	0.04	0.06	
634	656	91.55	80	100	99.16	0.23	1.67	
635	657	58.95	80	100	46.65	0.11	0.41	
636	658	161.36	80	100	38.03	0.09	0.28	
637	659	78.82	80	100	59.96	0.14	0.66	
638	660	85.92	80	100	40.91	0.09	0.32	
639	661	121.48	80	100	41.80	0.1	0.34	
640	662	131.41	80	100	23.06	0.05	0.11	
641	663	68.48	80	100	90.93	0.21	1.42	
642	664	45.72	150	100	463.51	0.3	1.36	
643	665	167.24	80	100	5.77	0.01	0.01	
644	666	288.97	80	100	37.24	0.09	0.27	
645	667	117.66	80	100	59.33	0.14	0.64	
646	668	146.66	80	100	99.65	0.23	1.68	
647	669	145.1	80	100	18.48	0.04	0.07	
648	670	149.17	80	100	150.39	0.35	3.6	
649	671	119.38	80	100	27.88	0.06	0.14	
650	672	443.78	700	100	24,462.93	0.74	1.16	
651	673	691.9	700	100	28,723.38	0.86	1.56	
652	674	35.47	700	100	32,844.71	0.99	2	
653	675	150.9	700	100	33,349.53	1	2.06	
654	676	98.75	600	100	13,020.14	0.53	0.76	
655	677	153.4	600	100	13,874.00	0.57	0.86	
656	678	187.73	600	100	18,680.34	0.76	1.49	
657	679	345.08	600	100	14,570.40	0.6	0.94	
658	680	270.89	600	100	17,536.64	0.72	1.32	
659	681	61.36	600	100	18,689.81	0.77	1.49	
660	682	398.67	600	100	18,713.02	0.77	1.49	
661	683	445.84	600	100	13,681.12	0.56	0.84	
662	684	130.82	600	100	14,234.59	0.58	0.9	
663	685	293.85	600	100	15,605.38	0.64	1.07	
664	686	17.2	600	100	18,344.67	0.75	1.44	
665	687	548.51	600	100	2,446.09	0.1	0.03	
666	688	401.78	600	100	15,898.58	0.65	1.1	
667	689	124.98	600	100	12,527.75	0.51	0.71	
668	690	161.44	600	100	2,746.10	0.11	0.04	
669	691	116.23	600	100	1,442.46	0.06	0.01	
670	692	117.47	600	100	3,073.82	0.13	0.05	
671	693	129.3	600	100	3,098.19	0.13	0.05	
672	694	133.98	500	100	3,959.27	0.23	0.2	
673	695	35.72	500	100	18,946.99	1.12	3.71	
674	696	72.68	400	100	3,258.28	0.3	0.42	
675	697	41.24	400	100	4,528.43	0.42	0.78	
676	698	68.4	400	100	2,884.47	0.27	0.34	
677	699	154.99	400	100	2,375.80	0.22	0.24	
678	700	275.99	400	100	6,617.25	0.61	1.57	
679	701	7.98	400	100	2,254.18	0.21	0.21	
680	702	196.13	400	100	5,592.23	0.52	1.15	
681	703	77.32	400	100	5,071.73	0.47	0.96	
682	704	123.43	400	100	4,210.55	0.39	0.68	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
683	705	124.5	400	100	7.942.25	0.73	2.2	
684	706	29.15	400	100	8.109.21	0.75	2.29	
685	707	60.44	400	100	7.262.95	0.67	1.87	
686	708	139.54	400	100	3.850.35	0.35	0.58	
687	709	69.52	400	100	6.550.72	0.6	1.54	
688	710	74.77	400	100	6.775.43	0.62	1.64	
689	711	216.93	400	100	6.328.92	0.58	1.45	
690	712	4.65	400	100	1.603.92	0.15	0.11	
691	713	123.56	400	100	6.066.98	0.56	1.34	
692	714	13.01	400	100	5.685.76	0.52	1.18	
693	715	63.01	400	100	4.574.38	0.42	0.79	
694	716	70.43	400	100	3.818.88	0.35	0.57	
695	717	66.99	400	100	4.139.46	0.38	0.66	
696	718	137.31	400	100	4.641.34	0.43	0.81	
697	719	16.92	400	100	9.315.38	0.86	2.96	
698	720	69.25	400	100	10.907.94	1	3.96	
699	721	89.82	400	100	10.609.07	0.98	3.76	
700	722	136.1	400	100	5.506.86	0.51	1.12	
701	723	312.97	350	100	4.487.10	0.54	1.47	
702	724	92.8	350	100	2.035.16	0.24	0.34	
703	725	170.21	350	100	1.700.74	0.2	0.24	
704	726	128.26	350	100	63.72	0.01	0	
705	727	136.87	350	100	169.77	0.02	0	
706	728	91.56	350	100	17.181.32	2.07	17.61	
707	729	103.25	350	100	3.378.59	0.41	0.87	
708	730	144.01	350	100	4.147.30	0.5	1.27	
709	731	4.14	300	100	401.21	0.07	0.04	
710	732	218.05	300	100	1.834.53	0.3	0.59	
711	733	58.59	300	100	226.09	0.04	0.01	
712	734	97.22	300	100	3.167.94	0.52	1.63	
713	735	236.61	300	100	2.064.52	0.34	0.74	
714	736	117.58	300	100	559.12	0.09	0.07	
715	737	65.15	300	100	439.35	0.07	0.04	
716	738	66.32	300	100	544.51	0.09	0.06	
717	739	156.75	300	100	1.333.57	0.22	0.33	
718	740	66.84	300	100	1.247.11	0.2	0.29	
719	741	156.45	300	100	1.884.83	0.31	0.62	
720	742	199.14	300	100	535.58	0.09	0.06	
721	743	16.1	300	100	1.301.64	0.21	0.31	
722	744	52.34	300	100	1.893.86	0.31	0.63	
723	745	157.34	300	100	2.112.96	0.35	0.77	
724	746	89.4	300	100	2.700.65	0.44	1.21	
725	747	79.25	300	100	3.153.68	0.52	1.62	
726	748	72.46	300	100	3.296.53	0.54	1.75	
727	749	118.02	300	100	2.290.26	0.38	0.89	
728	750	9.72	300	100	494.65	0.08	0.05	
729	751	6.61	300	100	422.12	0.07	0.04	
730	752	95.32	300	100	4.357.90	0.71	2.94	
731	753	202.4	300	100	3.024.92	0.5	1.5	
732	754	97.71	300	100	3.528.44	0.58	1.99	
733	755	83.19	300	100	4.068.74	0.67	2.59	
734	756	113.08	300	100	852.52	0.14	0.14	
735	757	61.13	300	100	817.27	0.13	0.13	
736	758	58.65	300	100	857.83	0.14	0.14	
737	759	190.85	300	100	1.535.12	0.25	0.43	
738	760	296.31	300	100	117.13	0.02	0	
739	761	157.96	300	100	2.383.61	0.39	0.96	
740	762	48.53	300	100	1.983.22	0.32	0.68	
741	763	122.18	300	100	1.825.33	0.3	0.59	
742	764	163.42	300	100	1.420.39	0.23	0.37	
743	765	56.86	300	100	1.926.47	0.32	0.65	
744	766	11.53	300	100	1.181.80	0.19	0.26	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
745	767	134.7	250	100	617.72	0.15	0.19	
746	768	23.97	250	100	955.75	0.23	0.43	
747	769	46.19	250	100	2,206.02	0.52	2.03	
748	770	71.48	250	100	2,645.56	0.62	2.84	
749	771	225.49	250	100	3,167.94	0.75	3.96	
750	772	66.27	250	100	2,828.79	0.67	3.21	
751	773	159.65	250	100	2,167.59	0.51	1.96	
752	774	188.12	250	100	2,452.95	0.58	2.47	
753	775	173.21	250	100	2,785.09	0.66	3.12	
754	776	66.27	250	100	1,358.53	0.32	0.83	
755	777	26.7	250	100	439.25	0.1	0.1	
756	778	77.74	250	100	412.47	0.1	0.09	
757	779	56.48	250	100	1,880.71	0.44	1.51	
758	780	67.33	250	100	1,637.14	0.39	1.17	
759	781	147.1	250	100	984.81	0.23	0.45	
760	782	88.61	250	100	994.88	0.23	0.46	
761	783	190.46	250	100	569.51	0.13	0.16	
762	784	192.37	250	100	270.81	0.06	0.04	
763	785	167.68	250	100	1,370.32	0.32	0.84	
764	786	100.14	250	100	676.37	0.16	0.23	
765	787	72.49	250	100	918.27	0.22	0.4	
766	788	29.39	250	100	1,264.57	0.3	0.72	
767	789	143.29	250	100	324.89	0.08	0.06	
768	790	112.36	250	100	1,468.07	0.35	0.95	
769	791	64.93	250	100	2,139.04	0.5	1.91	
770	792	121.09	250	100	2,287.01	0.54	2.17	
771	793	144.01	250	100	0.00	0	0	
772	794	121.72	250	100	64.54	0.02	0	
773	795	213.59	200	100	2,340.94	0.86	6.71	
774	796	83.65	200	100	457.79	0.17	0.33	
775	797	80.95	200	100	559.13	0.21	0.47	
776	798	146.22	200	100	909.04	0.33	1.16	
777	799	3.3	200	100	261.50	0.1	0.12	
778	800	134	200	100	1,231.70	0.45	2.04	
779	801	59.72	200	100	543.70	0.2	0.45	
780	802	67.69	200	100	177.91	0.07	0.06	
781	803	58.28	200	100	72.24	0.03	0.01	
782	804	129.96	200	100	1,307.34	0.48	2.28	
783	805	128.14	200	100	373.20	0.14	0.22	
784	806	99.03	200	100	262.92	0.1	0.12	
785	807	645.61	200	100	3,167.94	1.17	11.74	
786	808	72.06	200	100	258.17	0.1	0.11	
787	809	119.75	200	100	207.31	0.08	0.08	
788	810	73.21	200	100	661.96	0.24	0.65	
789	811	118.42	200	100	270.15	0.1	0.12	
790	812	80.03	200	100	624.68	0.23	0.58	
791	813	87.05	200	100	260.89	0.1	0.12	
792	814	116.12	200	100	616.68	0.23	0.57	
793	815	78.35	200	100	276.88	0.1	0.13	
794	816	106.7	200	100	934.00	0.34	1.22	
795	817	140.42	200	100	525.55	0.19	0.42	
796	818	53.82	200	100	353.10	0.13	0.2	
797	819	80.97	200	100	154.99	0.06	0.04	
798	820	35.98	200	100	389.76	0.14	0.24	
799	821	147.96	200	100	926.44	0.34	1.2	
800	822	74.78	200	100	293.66	0.11	0.14	
801	823	82.74	200	100	244.95	0.09	0.1	
802	824	62.65	200	100	1,320.78	0.49	2.32	
803	825	36.01	200	100	1,320.02	0.49	2.32	
804	826	30.5	200	100	1,265.05	0.47	2.14	
805	827	69.49	200	100	1,459.99	0.54	2.8	
806	828	75.62	200	100	840.23	0.31	1.01	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
807	829	87.37	200	100	131.14	0.05	0.03	
808	830	101.43	200	100	483.62	0.18	0.36	
809	831	15.43	200	100	494.65	0.18	0.38	
810	832	59.52	200	100	236.17	0.09	0.1	
811	833	40.69	200	100	101.11	0.04	0.02	
812	834	97.72	200	100	0.00	0	0	
813	835	36.63	200	100	11.21	0	0	
814	836	36.16	200	100	418.43	0.15	0.28	
815	837	79.53	200	100	1,590.30	0.59	3.28	
816	838	70.68	200	100	1,178.21	0.43	1.88	
817	839	54.62	200	100	1,330.37	0.49	2.35	
818	840	65.07	200	100	1,349.22	0.5	2.42	
819	841	33.58	200	100	1,332.71	0.49	2.36	
820	842	37.98	200	100	1,279.86	0.47	2.19	
821	843	41.22	200	100	1,313.33	0.48	2.3	
822	844	32.44	200	100	1,555.45	0.57	3.14	
823	845	176.47	200	100	1,175.35	0.43	1.87	
824	846	172.42	200	100	985.93	0.36	1.35	
825	847	77.58	200	100	221.13	0.08	0.08	
826	848	148.96	200	100	607.37	0.22	0.55	
827	849	74.4	200	100	59.49	0.02	0.01	
828	850	45.72	200	100	11.42	0	0	
829	851	130.24	200	100	102.09	0.04	0.02	
830	852	81.39	200	100	147.27	0.05	0.04	
831	853	57.02	200	100	322.26	0.12	0.17	
832	854	209.47	200	100	0.00	0	0	
833	855	15.77	200	100	462.58	0.17	0.33	
834	856	377.94	200	100	41.21	0.02	0	
835	857	103.55	200	100	634.99	0.23	0.6	
836	858	49.75	200	100	182.35	0.07	0.06	
837	859	136.76	200	100	149.82	0.06	0.04	
838	860	394.64	200	100	923.67	0.34	1.2	
839	861	60.6	200	100	1,627.60	0.6	3.42	
840	862	14.63	200	100	1,207.08	0.44	1.97	
841	863	80.16	200	100	1,347.52	0.5	2.41	
842	864	89.91	200	100	1,311.08	0.48	2.29	
843	865	106.86	200	100	1,264.64	0.47	2.14	
844	866	125.44	200	100	232.84	0.09	0.09	
845	867	38.55	200	100	438.93	0.16	0.3	
846	868	56.98	200	100	198.61	0.07	0.07	
847	869	145.58	200	100	891.59	0.33	1.12	
848	870	157.26	200	100	830.90	0.31	0.98	
849	871	96.8	200	100	578.30	0.21	0.5	
850	872	65.96	200	100	613.37	0.23	0.56	
851	873	113.91	200	100	81.09	0.03	0.01	
852	874	80.18	200	100	486.23	0.18	0.37	
853	875	88.61	200	100	199.80	0.07	0.07	
854	876	333.12	200	100	224.68	0.08	0.09	
855	877	237.51	200	100	1,673.21	0.62	3.6	
856	878	493.58	200	100	156.04	0.06	0.04	
857	879	73.48	200	100	148.34	0.05	0.04	
858	880	123.58	200	100	1,270.10	0.47	2.16	
859	881	218.84	1500	100	18,940.70	0.12	0.02	
860	882	68.42	150	100	191.06	0.13	0.26	
861	883	78.82	150	100	476.37	0.31	1.43	
862	884	178.02	150	100	511.35	0.33	1.63	
863	885	158.65	150	100	320.66	0.21	0.69	
864	886	25.62	150	100	163.80	0.11	0.2	
865	887	15.31	150	100	185.17	0.12	0.25	
866	888	51.74	150	100	501.03	0.33	1.57	
867	889	76.59	150	100	677.51	0.44	2.74	
868	890	130.04	150	100	417.14	0.27	1.12	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
869	891	25.68	150	100	225.23	0.15	0.36	
870	892	140.1	150	100	152.44	0.1	0.17	
871	893	61.38	150	100	79.91	0.05	0.05	
872	894	272.89	150	100	329.54	0.22	0.72	
873	895	98.94	150	100	172.28	0.11	0.22	
874	896	61.05	150	100	504.43	0.33	1.59	
875	897	122.2	150	100	398.52	0.26	1.03	
876	898	135.82	150	100	238.92	0.16	0.4	
877	899	72.16	150	100	420.22	0.28	1.13	
878	900	141.19	150	100	36.85	0.02	0.01	
879	901	63.76	150	100	247.99	0.16	0.43	
880	902	63.46	150	100	180.10	0.12	0.24	
881	903	296.39	150	100	121.68	0.08	0.11	
882	904	9.89	150	100	492.39	0.32	1.52	
883	905	176.6	150	100	315.22	0.21	0.66	
884	906	134.9	150	100	334.95	0.22	0.74	
885	907	81.84	150	100	137.69	0.09	0.14	
886	908	120.64	150	100	306.54	0.2	0.63	
887	909	73.39	150	100	487.83	0.32	1.49	
888	910	136.26	150	100	749.60	0.49	3.3	
889	911	87.32	150	100	230.88	0.15	0.37	
890	912	49.68	150	100	96.96	0.06	0.07	
891	913	67.27	150	100	127.68	0.08	0.12	
892	914	91.59	150	100	403.04	0.26	1.05	
893	915	59.57	150	100	6.36	0	0	
894	916	62.23	150	100	301.99	0.2	0.61	
895	917	70.42	150	100	395.04	0.26	1.01	
896	918	75.23	150	100	315.97	0.21	0.67	
897	919	43.26	150	100	395.99	0.26	1.01	
898	920	91.01	150	100	475.10	0.31	1.42	
899	921	154.74	150	100	333.07	0.22	0.74	
900	922	153.63	150	100	179.38	0.12	0.23	
901	923	176.04	150	100	345.15	0.23	0.79	
902	924	91.44	150	100	871.20	0.57	4.36	
903	925	28.02	150	100	520.87	0.34	1.68	
904	926	270.51	150	100	445.09	0.29	1.26	
905	927	110.75	150	100	145.41	0.1	0.16	
906	928	143.73	150	100	211.85	0.14	0.32	
907	929	79.21	150	100	230.36	0.15	0.37	
908	930	74.21	150	100	36.38	0.02	0.01	
909	931	65.67	150	100	202.31	0.13	0.29	
910	932	50.44	150	100	70.20	0.05	0.04	
911	933	12.65	150	100	643.05	0.42	2.49	
912	934	70.12	150	100	21.32	0.01	0	
913	935	74.91	150	100	67.64	0.04	0.04	
914	936	114.7	150	100	318.61	0.21	0.68	
915	937	95.62	150	100	49.74	0.03	0.02	
916	938	139.68	150	100	146.00	0.1	0.16	
917	939	113.52	150	100	304.92	0.2	0.62	
918	940	75.63	150	100	380.06	0.25	0.94	
919	941	58.9	150	100	496.62	0.33	1.54	
920	942	62.94	150	100	112.07	0.07	0.1	
921	943	73.88	150	100	360.52	0.24	0.85	
922	944	121.58	150	100	333.46	0.22	0.74	
923	945	73.8	150	100	118.45	0.08	0.11	
924	946	132.95	150	100	245.48	0.16	0.42	
925	947	98.23	150	100	166.72	0.11	0.2	
926	948	131.67	150	100	555.32	0.36	1.9	
927	949	63.34	150	100	578.35	0.38	2.04	
928	950	244.27	150	100	288.87	0.19	0.57	
929	951	205	150	100	354.64	0.23	0.83	
930	952	63.15	150	100	23.57	0.02	0.01	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
931	953	60.51	150	100	117.10	0.08	0.11	
932	954	62.36	150	100	291.60	0.19	0.58	
933	955	56.78	150	100	602.12	0.39	2.2	
934	956	59.91	150	100	287.36	0.19	0.56	
935	957	61.5	150	100	298.94	0.2	0.6	
936	958	49.9	150	100	3.46	0	0	
937	959	142.52	150	100	19.37	0.01	0	
938	960	152.56	150	100	290.82	0.19	0.57	
939	961	127.81	150	100	285.65	0.19	0.55	
940	962	170.32	150	100	382.52	0.25	0.95	
941	963	65.21	150	100	450.44	0.3	1.29	
942	964	60.76	150	100	125.68	0.08	0.12	
943	965	81.6	150	100	68.02	0.04	0.04	
944	966	72.93	150	100	81.35	0.05	0.05	
945	967	41.43	150	100	106.55	0.07	0.09	
946	968	16.68	150	100	848.40	0.56	4.16	
947	969	224.66	150	100	129.91	0.09	0.13	
948	970	28.6	150	100	44.33	0.03	0.02	
949	971	103.5	150	100	173.97	0.11	0.22	
950	972	61.73	150	100	206.86	0.14	0.3	
951	973	94.6	150	100	462.18	0.3	1.35	
952	974	189.5	150	100	111.12	0.07	0.1	
953	975	102.15	150	100	403.59	0.26	1.05	
954	976	50.62	150	100	751.35	0.49	3.32	
955	977	87.33	150	100	32.43	0.02	0.01	
956	978	76.33	150	100	323.79	0.21	0.7	
957	979	79.25	150	100	314.86	0.21	0.66	
958	980	68.9	150	100	448.31	0.29	1.28	
959	981	150.46	150	100	379.40	0.25	0.94	
960	982	83.5	150	100	251.77	0.16	0.44	
961	983	72.97	150	100	172.02	0.11	0.22	
962	984	66.55	150	100	213.80	0.14	0.32	
963	985	151.68	150	100	169.48	0.11	0.21	
964	986	108.79	150	100	231.07	0.15	0.37	
965	987	81.89	150	100	217.84	0.14	0.34	
966	988	71.56	150	100	24.14	0.02	0.01	
967	989	75.1	150	100	15.49	0.01	0	
968	990	144.75	150	100	450.31	0.29	1.29	
969	991	38.7	150	100	109.03	0.07	0.09	
970	992	253.08	150	100	31.05	0.02	0.01	
971	993	159.22	150	100	128.19	0.08	0.13	
972	994	54.09	150	100	328.52	0.22	0.72	
973	995	76.86	150	100	297.78	0.2	0.6	
974	996	68.87	150	100	362.84	0.24	0.86	
975	997	109.38	150	100	21.55	0.01	0	
976	998	87.64	150	100	464.24	0.3	1.36	
977	999	50.64	150	100	102.53	0.07	0.08	
978	1000	50.66	150	100	193.91	0.13	0.27	
979	1001	135.46	150	100	17.25	0.01	0	
980	1002	73.9	150	100	881.72	0.58	4.46	
981	1003	214.95	150	100	381.61	0.25	0.95	
982	1004	92.83	150	100	144.42	0.09	0.16	
983	1005	103.47	150	100	416.85	0.27	1.11	
984	1006	57.82	150	100	132.14	0.09	0.13	
985	1007	122.63	150	100	176.38	0.12	0.23	
986	1008	66.29	150	100	416.96	0.27	1.12	
987	1009	377.18	150	100	680.64	0.45	2.76	
988	1010	71.56	150	100	1,584.27	1.04	13.21	
989	1011	129.25	150	100	356.13	0.23	0.83	
990	1012	70.45	150	100	426.15	0.28	1.16	
991	1013	242.19	150	100	441.22	0.29	1.24	
992	1014	37.72	150	100	204.00	0.13	0.3	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
993	1015	35.57	150	100	243.48	0.16	0.41	
994	1016	83.31	150	100	317.10	0.21	0.67	
995	1017	61.65	150	100	222.49	0.15	0.35	
996	1018	165.03	150	100	150.26	0.1	0.17	
997	1019	26.84	150	100	284.30	0.19	0.55	
998	1020	46.58	150	100	47.41	0.03	0.02	
999	1021	103.79	150	100	15.26	0.01	0	
1000	1022	28.36	150	100	174.09	0.11	0.22	
1001	1023	76.53	150	100	195.09	0.13	0.27	
1002	1024	68.95	150	100	107.25	0.07	0.09	
1003	1025	65.67	150	100	785.93	0.51	3.61	
1004	1026	12.77	150	100	506.10	0.33	1.6	
1005	1027	178.04	150	100	133.78	0.09	0.14	
1006	1028	110.2	150	100	154.50	0.1	0.18	
1007	1029	208.09	150	100	96.24	0.06	0.07	
1008	1030	336.24	150	100	362.97	0.24	0.86	
1009	1031	89.05	150	100	217.11	0.14	0.33	
1010	1032	17.31	150	100	349.47	0.23	0.8	
1011	1033	55.33	150	100	317.98	0.21	0.67	
1012	1034	218.13	150	100	407.48	0.27	1.07	
1013	1035	86.45	150	100	329.89	0.22	0.72	
1014	1036	64.49	150	100	373.75	0.24	0.91	
1015	1037	69.66	150	100	256.18	0.17	0.45	
1016	1038	38.12	150	100	282.01	0.18	0.54	
1017	1039	144.26	150	100	325.60	0.21	0.71	
1018	1040	92.08	150	100	25.39	0.02	0.01	
1019	1041	39.17	150	100	337.20	0.22	0.75	
1020	1042	147.08	150	100	544.96	0.36	1.83	
1021	1043	182.33	150	100	278.47	0.18	0.53	
1022	1044	120.95	150	100	352.89	0.23	0.82	
1023	1045	72.42	150	100	105.41	0.07	0.09	
1024	1046	177.43	150	100	94.71	0.06	0.07	
1025	1047	149.92	150	100	59.18	0.04	0.03	
1026	1048	178.65	150	100	232.71	0.15	0.37	
1027	1049	35.01	150	100	21.26	0.01	0	
1028	1050	67.53	150	100	165.92	0.11	0.2	
1029	1051	66.44	150	100	104.63	0.07	0.09	
1030	1052	133.85	150	100	208.26	0.14	0.31	
1031	1053	59.96	150	100	2.02	0	0	
1032	1054	171.21	150	100	165.52	0.11	0.2	
1033	1055	113.74	150	100	119.74	0.08	0.11	
1034	1056	73.03	150	100	51.54	0.03	0.02	
1035	1057	172.37	150	100	210.69	0.14	0.31	
1036	1058	172.68	150	100	323.83	0.21	0.7	
1037	1059	80.91	150	100	521.38	0.34	1.69	
1038	1060	87.38	150	100	570.39	0.37	1.99	
1039	1061	83.14	150	100	678.01	0.44	2.74	
1040	1062	154.66	150	100	366.66	0.24	0.88	
1041	1063	55.01	150	100	30.47	0.02	0.01	
1042	1064	65.47	150	100	396.33	0.26	1.01	
1043	1065	80.6	150	100	531.66	0.35	1.75	
1044	1066	77.26	150	100	592.90	0.39	2.14	
1045	1067	87.7	150	100	246.31	0.16	0.42	
1046	1068	89.14	150	100	1,169.38	0.77	7.53	
1047	1069	89.21	150	100	669.84	0.44	2.68	
1048	1070	23.25	150	100	555.13	0.36	1.89	
1049	1071	67.36	150	100	170.94	0.11	0.21	
1050	1072	94.45	150	100	125.73	0.08	0.12	
1051	1073	170.23	150	100	291.32	0.19	0.57	
1052	1074	134.97	150	100	1,107.26	0.73	6.8	
1053	1075	78.45	150	100	339.09	0.22	0.76	
1054	1076	52.78	150	100	184.66	0.12	0.25	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
1055	1077	73.98	150	100	369.62	0.24	0.89	
1056	1078	135.19	150	100	773.07	0.51	3.5	
1057	1079	138.3	150	100	808.67	0.53	3.8	
1058	1080	64.11	150	100	648.97	0.43	2.53	
1059	1081	70.6	150	100	200.12	0.13	0.29	
1060	1082	77.46	150	100	223.73	0.15	0.35	
1061	1083	78.9	150	100	340.97	0.22	0.77	
1062	1084	91.26	150	100	400.47	0.26	1.03	
1063	1085	61.67	150	100	775.43	0.51	3.52	
1064	1086	90.84	150	100	554.45	0.36	1.89	
1065	1087	89.62	150	100	538.74	0.35	1.79	
1066	1088	92.18	150	100	86.99	0.06	0.06	
1067	1089	19.7	150	100	197.58	0.13	0.28	
1068	1090	73.12	150	100	225.96	0.15	0.36	
1069	1091	40.98	150	100	105.56	0.07	0.09	
1070	1092	123.05	150	100	387.91	0.25	0.98	
1071	1093	52.78	150	100	331.47	0.22	0.73	
1072	1094	150.73	150	100	475.86	0.31	1.42	
1073	1095	61.86	150	100	256.02	0.17	0.45	
1074	1096	92.9	150	100	29.84	0.02	0.01	
1075	1097	128.66	150	100	182.97	0.12	0.24	
1076	1098	19.76	150	100	600.28	0.39	2.19	
1077	1099	114.43	150	100	460.40	0.3	1.34	
1078	1100	86.13	150	100	350.89	0.23	0.81	
1079	1101	86.33	150	100	317.79	0.21	0.67	
1080	1102	241.07	150	100	671.21	0.44	2.69	
1081	1103	90.82	150	100	264.96	0.17	0.48	
1082	1104	72.23	150	100	108.52	0.07	0.09	
1083	1105	59.45	150	100	194.05	0.13	0.27	
1084	1106	99.01	150	100	148.53	0.1	0.16	
1085	1107	72.99	150	100	135.28	0.09	0.14	
1086	1108	117.8	150	100	40.12	0.03	0.01	
1087	1109	45.9	150	100	226.64	0.15	0.36	
1088	1110	131.9	150	100	469.54	0.31	1.39	
1089	1111	70.71	150	100	284.68	0.19	0.55	
1090	1112	64.16	150	100	255.02	0.17	0.45	
1091	1113	73.04	150	100	333.30	0.22	0.74	
1092	1114	140.73	150	100	42.98	0.03	0.02	
1093	1115	13	150	100	697.32	0.46	2.89	
1094	1116	112.27	150	100	252.85	0.17	0.44	
1095	1117	74.95	150	100	93.43	0.06	0.07	
1096	1118	125.24	150	100	369.57	0.24	0.89	
1097	1119	126.12	150	100	356.05	0.23	0.83	
1098	1120	146.93	150	100	74.03	0.05	0.05	
1099	1121	65.79	150	100	272.79	0.18	0.51	
1100	1122	102.16	150	100	254.30	0.17	0.45	
1101	1123	22.52	150	100	296.85	0.19	0.59	
1102	1124	59.7	150	100	357.80	0.23	0.84	
1103	1125	69.25	150	100	326.24	0.21	0.71	
1104	1126	124.15	150	100	726.16	0.48	3.12	
1105	1127	214.11	150	100	231.50	0.15	0.38	
1106	1128	198.24	150	100	384.30	0.25	0.96	
1107	1129	76.44	150	100	434.80	0.28	1.2	
1108	1130	931.33	150	100	3.65	0	0	
1109	1131	148.69	150	100	289.70	0.19	0.57	
1110	1132	124.35	150	100	383.55	0.25	0.96	
1111	1133	65.15	150	100	315.03	0.21	0.66	
1112	1134	184.8	150	100	909.19	0.6	4.72	
1113	1135	160.98	150	100	483.60	0.32	1.47	
1114	1136	81.32	150	100	914.05	0.6	4.77	
1115	1137	14.9	150	100	114.68	0.08	0.1	
1116	1138	208.36	150	100	98.28	0.06	0.08	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
1117	1139	100.49	150	100	103.60	0.07	0.08	
1118	1140	313.31	150	100	19.03	0.01	0	
1119	1141	136.08	150	100	109.87	0.07	0.09	
1120	1142	245.57	150	100	258.60	0.17	0.46	
1121	1143	202.19	150	100	259.55	0.17	0.46	
1122	1144	507.7	1100	100	99,207.76	1.21	1.71	
1123	1145	401.82	1100	100	82,532.89	1.01	1.22	
1124	1146	19.81	1100	100	117,828.20	1.44	2.35	
1125	1147	403	1100	100	85,195.03	1.04	1.29	
1126	1148	1396.6	1100	100	95,698.63	1.17	1.6	
1127	1149	223.56	1000	100	79,256.87	1.17	1.8	
1128	1150	255.57	1000	100	77,169.89	1.14	1.71	
1129	1151	23.53	1000	100	81,906.80	1.21	1.91	
1130	1152	138.44	1000	100	44,758.77	0.66	0.62	
1131	1153	221.47	100	100	27.22	0.04	0.05	
1132	1154	50.84	100	100	271.50	0.4	3.63	
1133	1155	471.54	100	100	64.71	0.1	0.25	
1134	1156	218.66	100	100	33.08	0.05	0.07	
1135	1157	301.92	100	100	144.59	0.21	1.13	
1136	1158	131.05	100	100	52.44	0.08	0.17	
1137	1159	231.45	100	100	132.00	0.19	0.95	
1138	1160	78.76	100	100	237.66	0.35	2.84	
1139	1161	189.48	100	100	21.49	0.03	0.03	
1140	1162	74.9	100	100	53.19	0.08	0.18	
1141	1163	157.15	100	100	80.09	0.12	0.38	
1142	1164	74.12	100	100	78.74	0.12	0.37	
1143	1165	45.57	100	100	139.38	0.21	1.06	
1144	1166	240.62	100	100	156.81	0.23	1.31	
1145	1167	65.43	100	100	177.74	0.26	1.66	
1146	1168	62.96	100	100	136.80	0.2	1.02	
1147	1169	56.81	100	100	189.74	0.28	1.87	
1148	1170	211.95	100	100	153.03	0.23	1.26	
1149	1171	63.79	100	100	31.61	0.05	0.07	
1150	1172	454.5	100	100	514.32	0.76	11.85	
1151	1173	50.43	100	100	95.67	0.14	0.53	
1152	1174	85.24	100	100	37.31	0.05	0.09	
1153	1175	106.76	100	100	83.86	0.12	0.41	
1154	1176	145.7	100	100	152.78	0.23	1.25	
1155	1177	4.69	100	100	373.81	0.55	6.56	
1156	1178	380.76	100	100	180.52	0.27	1.7	
1157	1179	172.57	100	100	79.97	0.12	0.38	
1158	1180	104.33	100	100	38.40	0.06	0.1	
1159	1181	135.23	100	100	213.08	0.31	2.32	
1160	1182	123.61	100	100	32.76	0.05	0.07	
1161	1183	146.42	100	100	56.14	0.08	0.2	
1162	1184	163.94	100	100	65.98	0.1	0.26	
1163	1185	57.98	100	100	343.90	0.51	5.62	
1164	1186	67.11	100	100	78.66	0.12	0.37	
1165	1187	147.77	100	100	56.85	0.08	0.2	
1166	1188	143.7	100	100	65.53	0.1	0.26	
1167	1189	144.19	100	100	13.45	0.02	0.01	
1168	1190	147.36	100	100	71.11	0.1	0.3	
1169	1191	10.24	100	100	183.23	0.27	1.75	
1170	1192	79.88	100	100	85.29	0.13	0.43	
1171	1193	70.28	100	100	77.42	0.11	0.36	
1172	1194	123.31	100	100	3.35	0	0	
1173	1195	39.85	100	100	146.89	0.22	1.16	
1174	1196	222.6	100	100	129.62	0.19	0.92	
1175	1197	77.68	100	100	198.44	0.29	2.03	
1176	1198	64.06	100	100	256.80	0.38	3.27	
1177	1199	54.34	100	100	2.46	0	0	
1178	1200	97.55	100	100	37.06	0.05	0.09	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
1179	1201	102.34	100	100	72.20	0.11	0.31	
1180	1202	29.28	100	100	279.39	0.41	3.83	
1181	1203	78	100	100	296.21	0.44	4.27	
1182	1204	75.47	100	100	96.44	0.14	0.53	
1183	1205	139.17	100	100	92.60	0.14	0.5	
1184	1206	82.01	100	100	65.58	0.1	0.26	
1185	1207	101.23	100	100	28.58	0.04	0	
1186	1208	33.45	100	100	63.19	0.09	0.22	
1187	1209	138	100	100	41.25	0.06	0.11	
1188	1210	104.86	100	100	184.62	0.27	1.78	
1189	1211	285.67	100	100	9.47	0.01	0.01	
1190	1212	59.04	100	100	7.79	0.01	0.01	
1191	1213	154.28	100	100	48.09	0.07	0.15	
1192	1214	31.17	100	100	79.12	0.12	0.37	
1193	1215	33.19	100	100	74.31	0.11	0.33	
1194	1216	130.52	100	100	14.03	0.02	0.02	
1195	1217	141.11	100	100	13.50	0.02	0.01	
1196	1218	36.18	100	100	133.87	0.2	0.98	
1197	1219	138.18	100	100	70.06	0.1	0.3	
1198	1220	130.28	100	100	49.75	0.07	0.16	
1199	1221	60.49	100	100	49.87	0.07	0.16	
1200	1222	59.68	100	100	42.44	0.06	0.12	
1201	1223	41.97	100	100	57.11	0.08	0.2	
1202	1224	27.93	100	100	16.37	0.02	0.02	
1203	1225	115.04	100	100	35.58	0.05	0.08	
1204	1226	172.01	100	100	23.84	0.04	0.04	
1205	1227	58.05	100	100	157.81	0.23	1.33	
1206	1228	119.87	100	100	27.90	0.04	0.05	
1207	1229	31.37	100	100	24.27	0.04	0.04	
1208	1230	26.71	100	100	55.70	0.08	0.19	
1209	1231	61.76	100	100	125.51	0.18	0.87	
1210	1232	73.08	100	100	203.65	0.3	2.13	
1211	1233	133.57	100	100	72.30	0.11	0.31	
1212	1234	53.82	100	100	88.81	0.13	0.46	
1213	1235	97.53	100	100	25.88	0.04	0.05	
1214	1236	98.18	100	100	29.08	0.04	0.06	
1215	1237	104.17	100	100	5.68	0.01	0	
1216	1238	64.79	100	100	7.26	0.01	0	
1217	1239	43.78	100	100	34.40	0.05	0.08	
1218	1240	179.83	100	100	40.77	0.06	0.11	
1219	1241	55.87	100	100	94.38	0.14	0.51	
1220	1242	154.85	100	100	84.21	0.12	0.42	
1221	1243	73.31	100	100	80.20	0.12	0.38	
1222	1244	65.67	100	100	31.26	0.05	0.07	
1223	1245	132.92	100	100	74.31	0.11	0.33	
1224	1246	122.77	100	100	71.96	0.11	0.31	
1225	1247	59.03	100	100	161.21	0.24	1.38	
1226	1248	126.55	100	100	89.25	0.13	0.46	
1227	1249	74.57	100	100	173.52	0.26	1.58	
1228	1250	194.33	100	100	120.61	0.18	0.81	
1229	1251	198.2	100	100	187.30	0.28	1.83	
1230	1252	160.06	100	100	86.66	0.13	0.44	
1231	1253	247.53	100	100	122.69	0.18	0.83	
1232	1254	57	100	100	257.61	0.38	3.29	
1233	1255	77.95	100	100	39.87	0.06	0.1	
1234	1256	63.11	100	100	117.76	0.17	0.77	
1235	1257	180.06	100	100	141.56	0.21	1.09	
1236	1258	57.31	100	100	9.02	0.01	0.01	
1237	1259	101.76	100	100	102.25	0.15	0.59	
1238	1260	71.17	100	100	5.65	0.01	0	
1239	1261	53	100	100	250.94	0.37	3.14	
1240	1262	86.04	100	100	128.12	0.19	0.9	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
1241	1263	72.92	100	100	44.03	0.06	0.13	
1242	1264	92.54	100	100	118.59	0.17	0.78	
1243	1265	116.2	100	100	132.77	0.2	0.97	
1244	1266	125.73	100	100	199.51	0.29	2.05	
1245	1267	97.82	100	100	94.15	0.14	0.51	
1246	1268	170.16	100	100	164.06	0.24	1.43	
1247	1269	59.76	100	100	45.94	0.07	0.14	
1248	1270	204.6	100	100	179.89	0.27	1.69	
1249	1271	170.94	100	100	121.60	0.18	0.82	
1250	1272	283.5	100	100	130.09	0.19	0.93	
1251	1273	63.21	100	100	8.96	0.01	0.01	
1252	1274	141.86	100	100	118.26	0.17	0.78	
1253	1275	59.09	100	100	214.96	0.32	2.36	
1254	1276	58.44	100	100	134.80	0.2	0.99	
1255	1277	53.04	100	100	144.10	0.21	1.12	
1256	1278	62.74	100	100	68.74	0.1	0.29	
1257	1279	76.63	100	100	6.05	0.01	0	
1258	1280	85.85	100	100	38.19	0.06	0.1	
1259	1281	91.27	100	100	23.94	0.04	0.01	
1260	1282	52.15	100	100	34.13	0.05	0.08	
1261	1283	35.63	100	100	39.43	0.06	0.1	
1262	1284	122.69	100	100	65.61	0.1	0.26	
1263	1285	146.21	100	100	159.38	0.23	1.35	
1264	1286	142.31	100	100	137.25	0.2	1.03	
1265	1287	158.68	100	100	147.08	0.22	1.17	
1266	1288	146.84	100	100	165.90	0.24	1.46	
1267	1289	177.5	100	100	95.47	0.14	0.52	
1268	1290	169.08	100	100	175.84	0.26	1.62	
1269	1291	108.59	100	100	75.74	0.11	0.34	
1270	1292	34.36	100	100	60.72	0.09	0.23	
1271	1293	223.36	100	100	126.61	0.19	0.88	
1272	1294	85.18	100	100	168.01	0.25	1.49	
1273	1295	42.93	100	100	107.18	0.16	0.65	
1274	1296	73.24	100	100	134.90	0.2	0.99	
1275	1297	133.66	100	100	81.30	0.12	0.39	
1276	1298	97.99	100	100	227.69	0.34	2.62	
1277	1299	72.81	100	100	246.19	0.36	3.03	
1278	1300	143.84	100	100	311.28	0.46	4.68	
1279	1301	164.5	100	100	131.48	0.19	0.95	
1280	1302	44.2	100	100	52.52	0.08	0.17	
1281	1303	40.32	100	100	65.50	0.1	0.26	
1282	1304	191.81	100	100	168.43	0.25	1.5	
1283	1305	84.84	100	100	118.02	0.17	0.78	
1284	1306	105.19	100	100	17.01	0.03	0.02	
1285	1307	55.43	100	100	48.68	0.07	0.15	
1286	1308	130.67	100	100	67.25	0.1	0.27	
1287	1309	45.83	100	100	388.02	0.57	7.03	
1288	1310	101.51	100	100	57.83	0.09	0.21	
1289	1311	86.33	100	100	30.65	0.05	0.06	
1290	1312	70.16	100	100	60.76	0.09	0.23	
1291	1313	68.53	100	100	70.88	0.1	0.3	
1292	1314	108.8	100	100	56.46	0.08	0.2	
1293	1315	178.99	100	100	81.52	0.12	0.39	
1294	1316	97.25	100	100	0.08	0	0	
1295	1317	156.02	100	100	35.89	0.05	0.09	
1296	1318	33.25	100	100	37.20	0.05	0.09	
1297	1319	67.66	100	100	64.86	0.1	0.26	
1298	1320	124.99	100	100	45.95	0.07	0.14	
1299	1321	134.21	100	100	15.61	0.02	0.02	
1300	1322	79.22	100	100	187.66	0.28	1.83	
1301	1323	67.47	100	100	55.05	0.08	0.19	
1302	1324	37.63	100	100	127.34	0.19	0.89	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
1303	1325	69.72	100	100	108.41	0.16	0.66	
1304	1326	83.72	100	100	180.19	0.27	1.7	
1305	1327	132.28	100	100	116.79	0.17	0.76	
1306	1328	69.78	100	100	212.62	0.31	2.31	
1307	1329	158.69	100	100	20.04	0.03	0.03	
1308	1330	76.71	100	100	101.05	0.15	0.58	
1309	1331	71.28	100	100	236.08	0.35	2.8	
1310	1332	73.2	100	100	208.24	0.31	2.22	
1311	1333	87.45	100	100	100.70	0.15	0.58	
1312	1334	14.13	100	100	118.81	0.18	0.79	
1313	1335	12.96	100	100	169.50	0.25	1.52	
1314	1336	93.54	100	100	101.41	0.15	0.59	
1315	1337	65.73	100	100	59.31	0.09	0.22	
1316	1338	196.96	100	100	22.57	0.03	0.04	
1317	1339	198.71	100	100	23.28	0.03	0.04	
1318	1340	154.69	100	100	24.72	0.04	0.04	
1319	1341	95.17	100	100	0.00	0	0	
1320	1342	177.36	100	100	5.62	0.01	0	
1321	1343	76.87	100	100	137.90	0.2	1.04	
1322	1344	2.52	100	100	0.00	0	0	
1323	1345	53.86	100	100	109.02	0.16	0.67	
1324	1346	93.01	100	100	189.14	0.28	1.86	
1325	1347	30.95	100	100	53.78	0.08	0.18	
1326	1348	45.94	100	100	37.05	0.05	0.09	
1327	1349	101.73	100	100	141.61	0.21	1.09	
1328	1350	110.65	100	100	109.58	0.16	0.68	
1329	1351	120.24	100	100	71.36	0.11	0.31	
1330	1352	65.85	100	100	167.11	0.25	1.48	
1331	1353	75.39	100	100	19.34	0.03	0.03	
1332	1354	38.63	100	100	197.42	0.29	2.01	
1333	1355	87.54	100	100	3.05	0	0	
1334	1356	70.15	100	100	304.63	0.45	4.49	
1335	1357	107.75	100	100	131.07	0.19	0.94	
1336	1358	32.57	100	100	156.91	0.23	1.32	
1337	1359	29.45	100	100	188.26	0.28	1.84	
1338	1360	86.38	100	100	17.60	0.03	0.02	
1339	1361	80.61	100	100	18.32	0.03	0.02	
1340	1362	27.93	100	100	213.43	0.31	2.32	
1341	1363	134.7	100	100	62.91	0.09	0.24	
1342	1364	31.33	100	100	93.44	0.14	0.5	
1343	1365	68.03	100	100	24.12	0.04	0.04	
1344	1366	68.4	100	100	198.82	0.29	2.04	
1345	1367	35.56	100	100	195.75	0.29	1.98	
1346	1368	136.23	100	100	66.19	0.1	0.27	
1347	1369	129.38	100	100	199.32	0.29	2.05	
1348	1370	238.67	100	100	113.49	0.17	0.72	
1349	1371	209.57	100	100	25.28	0.04	0.04	
1350	1372	77.3	100	100	163.40	0.24	1.42	
1351	1373	124.09	100	100	488.59	0.72	10.78	
1352	1374	134.51	100	100	280.13	0.41	3.85	
1353	1375	250.98	100	100	95.14	0.14	0.52	
1354	1376	82.39	100	100	42.29	0.06	0.12	
1355	1377	120.44	100	100	44.86	0.07	0.13	
1356	1378	88.73	100	100	75.66	0.11	0.34	
1357	1379	104.92	100	100	152.40	0.22	1.25	
1358	1380	35.54	100	100	44.58	0.07	0.13	
1359	1381	69.34	100	100	89.58	0.13	0.47	
1360	1382	79.15	100	100	45.17	0.07	0.13	
1361	1383	37.75	100	100	131.43	0.19	0.95	
1362	1384	230.97	100	100	31.37	0.05	0.07	
1363	1385	66.69	100	100	31.84	0.05	0.07	
1364	1386	89.03	100	100	21.28	0.03	0.03	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
1365	1387	72.26	100	100	58.55	0.09	0.21	
1366	1388	75.41	100	100	29.05	0.04	0.06	
1367	1389	124.23	100	100	20.86	0.03	0.03	
1368	1390	71.09	100	100	11.68	0.02	0.01	
1369	1391	160.03	100	100	5.32	0.01	0	
1370	1392	49.75	100	100	18.28	0.03	0.02	
1371	1393	72.69	100	100	18.48	0.03	0.03	
1372	1394	56.06	100	100	10.88	0.02	0.01	
1373	1395	44.15	100	100	5.89	0.01	0	
1374	1396	119.88	100	100	14.16	0.02	0.02	
1375	1397	296.52	100	100	99.74	0.15	0.57	
1376	1398	74.12	100	100	0.30	0	0	
1377	1399	89.58	100	100	37.24	0.05	0.09	
1378	1400	190.66	100	100	9.89	0.01	0.01	
1379	1401	222.33	100	100	47.81	0.07	0.15	
1380	1402	113.28	100	100	152.97	0.23	1.25	
1381	1403	151.28	100	100	96.53	0.14	0.53	
1382	1404	113.22	100	100	249.70	0.37	3.11	
1383	1405	48.44	100	100	31.95	0.05	0.07	
1384	1406	75.82	100	100	94.14	0.14	0.51	
1385	1407	15.73	100	100	60.20	0.09	0.22	
1386	1408	141.86	100	100	74.45	0.11	0.33	
1387	1409	150.38	100	100	170.72	0.25	1.54	
1388	1410	198.99	100	100	187.07	0.28	1.82	
1389	1411	81.57	100	100	71.94	0.11	0.31	
1390	1412	91.16	100	100	35.23	0.05	0.08	
1391	1413	143.61	100	100	141.13	0.21	1.08	
1392	1414	91.49	100	100	47.72	0.07	0.14	
1393	1415	136.33	100	100	121.53	0.18	0.82	
1394	1416	50.04	100	100	33.35	0.05	0.07	
1395	1417	375.45	100	100	181.89	0.27	1.73	
1396	1418	92.35	100	100	48.28	0.07	0.15	
1397	1419	448.44	100	100	124.60	0.18	0.86	
1398	1420	88.85	100	100	51.50	0.08	0.17	
1399	1421	148.72	100	100	109.80	0.16	0.68	
1400	1422	237.09	100	100	166.15	0.24	1.46	
1401	1423	148.91	100	100	18.47	0.03	0.02	
1402	1424	68.01	100	100	314.85	0.46	4.78	
1403	1425	113.84	100	100	163.28	0.24	1.42	
1404	1426	63.57	100	100	163.73	0.24	1.42	
1405	1427	248.5	100	100	81.28	0.12	0.39	
1406	1428	75.33	100	100	81.32	0.12	0.39	
1407	1429	84.05	100	100	7.84	0.01	0.01	
1408	1430	136.67	100	100	79.90	0.12	0.38	
1409	1431	64.63	100	100	30.39	0.04	0.06	
1410	1432	34.51	100	100	45.79	0.07	0.13	
1411	1433	172.12	100	100	67.95	0.1	0.28	
1412	1434	67.67	100	100	2.64	0	0	
1413	1435	68.39	100	100	144.94	0.21	1.14	
1414	1436	133.72	100	100	245.24	0.36	3.01	
1415	1437	91.49	100	100	2.93	0	0	
1416	1438	31.67	100	100	29.11	0.04	0.06	
1417	1439	173.87	100	100	119.15	0.18	0.79	
1418	1440	88.31	100	100	194.13	0.29	1.95	
1419	1441	60.77	100	100	156.20	0.23	1.3	
1420	1442	57.04	100	100	157.79	0.23	1.33	
1421	1443	66.53	100	100	196.01	0.29	1.99	
1422	1444	226.62	100	100	4.30	0.01	0	
1423	1445	162.37	100	100	144.27	0.21	1.13	
1424	1446	161.76	100	100	10.75	0.02	0.01	
1425	1447	79.11	100	100	84.17	0.12	0.41	
1426	1448	140.12	100	100	279.00	0.41	3.82	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
1427	1449	102.79	100	100	142.42	0.21	1.1	
1428	1450	96.03	100	100	114.75	0.17	0.74	
1429	1451	91.57	100	100	328.49	0.48	5.17	
1430	1452	68.03	100	100	172.97	0.25	1.58	
1431	1453	66.45	100	100	15.25	0.02	0.02	
1432	1454	15.09	100	100	670.08	0.99	19.35	
1433	1455	64.49	100	100	280.93	0.41	3.87	
1434	1456	172.76	100	100	131.64	0.19	0.95	
1435	1457	70.7	100	100	172.29	0.25	1.56	
1436	1458	81.7	100	100	143.63	0.21	1.12	
1437	1459	232.02	100	100	122.66	0.18	0.83	
1438	1460	170.2	100	100	211.33	0.31	2.28	
1439	1461	67.51	100	100	96.90	0.14	0.54	
1440	1462	173.64	100	100	188.54	0.28	1.85	
1441	1463	166.33	100	100	214.63	0.32	2.35	
1442	1464	170.28	100	100	187.83	0.28	1.84	
1443	1465	334.61	100	100	174.86	0.26	1.61	
1444	1466	72.52	100	100	64.88	0.1	0.26	
1445	1467	70.52	100	100	25.62	0.04	0.05	
1446	1468	102.93	100	100	183.97	0.27	1.77	
1447	1469	31.3	100	100	156.00	0.23	1.3	
1448	1470	53.77	100	100	295.40	0.44	4.24	
1449	1471	86.95	100	100	260.24	0.38	3.36	
1450	1472	122.29	100	100	101.93	0.15	0.59	
1451	1473	42.87	100	100	135.32	0.2	1	
1452	1474	75.62	100	100	3.87	0.01	0	
1453	1475	127.39	100	100	190.68	0.28	1.89	
1454	1476	144.12	100	100	137.55	0.2	1.03	
1455	1477	83.16	100	100	64.62	0.1	0.25	
1456	1478	60.68	100	100	232.95	0.34	2.73	
1457	1479	15.74	100	100	469.79	0.69	10.02	
1458	1480	144.31	100	100	182.42	0.27	1.74	
1459	1481	59.8	100	100	411.19	0.61	7.83	
1460	1482	83.14	100	100	36.64	0.05	0.09	
1461	1483	76.08	100	100	79.28	0.12	0.37	
1462	1484	37.04	100	100	202.21	0.3	2.1	
1463	1485	57.87	100	100	159.12	0.23	1.35	
1464	1486	151.99	100	100	189.37	0.28	1.86	
1465	1487	74.83	100	100	24.82	0.04	0.04	
1466	1488	58.93	100	100	131.30	0.19	0.95	
1467	1489	87.68	100	100	16.15	0.02	0.02	
1468	1490	62.29	100	100	201.77	0.3	2.1	
1469	1491	60.63	100	100	174.77	0.26	1.61	
1470	1492	92.02	100	100	108.91	0.16	0.67	
1471	1493	122.75	100	100	52.72	0.08	0.17	
1472	1494	66.88	100	100	120.63	0.18	0.81	
1473	1495	158.47	100	100	299.43	0.44	4.35	
1474	1496	66.24	150	100	85.82	0.06	0.06	
1475	1497	34.8	100	100	76.18	0.11	0.34	
1476	1498	123.83	100	100	176.70	0.26	1.64	
1477	1499	12.4	100	100	473.77	0.7	10.18	
1478	1500	180.87	100	100	162.50	0.24	1.4	
1479	1501	45.28	100	100	84.44	0.12	0.42	
1480	1502	153.76	100	100	46.69	0.07	0.14	
1481	1503	286.78	100	100	82.51	0.12	0.4	
1482	1504	56.73	100	100	418.50	0.62	8.09	
1483	1505	80.1	100	100	319.22	0.47	4.9	
1484	1506	56.55	100	100	1.64	0	0	
1485	1507	90.76	100	100	77.31	0.11	0.35	
1486	1508	86.69	100	100	16.88	0.02	0.02	
1487	1509	51.48	100	100	165.10	0.24	1.44	
1488	1510	28.03	100	100	212.34	0.31	2.3	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
1489	1511	139.18	100	100	177.23	0.26	1.65	
1490	1512	108.18	100	100	92.48	0.14	0.49	
1491	1513	63.59	100	100	92.35	0.14	0.49	
1492	1514	73.54	100	100	22.99	0.03	0.04	
1493	1515	74.67	100	100	8.61	0.01	0.01	
1494	1516	94.76	100	100	16.58	0.02	0.02	
1495	1517	31.23	100	100	68.03	0.1	0.28	
1496	1518	61.42	100	100	8.31	0.01	0.01	
1497	1519	132.39	100	100	58.96	0.09	0.21	
1498	1520	65.66	100	100	93.21	0.14	0.5	
1499	1521	156.94	100	100	151.03	0.22	1.23	
1500	1522	69.42	100	100	48.95	0.07	0.15	
1501	1523	83.92	100	100	104.20	0.15	0.62	
1502	1524	61.79	100	100	116.12	0.17	0.75	
1503	1525	257.87	100	100	5.25	0.01	0	
1504	1526	137.31	100	100	122.58	0.18	0.83	
1505	1527	290.65	100	100	159.43	0.23	1.35	
1506	1528	111.23	100	100	154.58	0.23	1.28	
1507	1529	32.24	100	100	130.14	0.19	0.93	
1508	1530	24.83	100	100	190.55	0.28	1.88	
1509	1531	52.09	100	100	143.30	0.21	1.11	
1510	1532	63.19	100	100	56.42	0.08	0.2	
1511	1533	53.12	100	100	179.78	0.26	1.69	
1512	1534	159.67	100	100	152.73	0.23	1.25	
1513	1535	66.19	100	100	37.04	0.05	0.09	
1514	1536	115.17	100	100	115.67	0.17	0.75	
1515	1537	137.91	100	100	86.06	0.13	0.43	
1516	1538	56.76	100	100	6.95	0.01	0	
1517	1539	58.08	100	100	103.75	0.15	0.61	
1518	1540	57.75	100	100	47.23	0.07	0.14	
1519	1541	81.53	100	100	31.98	0.05	0.07	
1520	1542	75.45	100	100	227.29	0.33	2.61	
1521	1543	125	100	100	115.38	0.17	0.74	
1522	1544	73.11	100	100	138.77	0.2	1.05	
1523	1545	58.19	100	100	48.73	0.07	0.15	
1524	1546	33.77	100	100	219.20	0.32	2.44	
1525	1547	70.94	100	100	169.01	0.25	1.51	
1526	1548	105.25	100	100	70.79	0.1	0.3	
1527	1549	70.59	100	100	41.26	0.06	0.11	
1528	1550	90.71	100	100	153.64	0.23	1.26	
1529	1551	57.05	100	100	188.25	0.28	1.84	
1530	1552	77.06	100	100	105.88	0.16	0.63	
1531	1553	52.09	100	100	79.81	0.12	0.38	
1532	1554	134.52	100	100	65.57	0.1	0.26	
1533	1555	305.74	100	100	14.71	0.02	0.02	
1534	1556	66.73	100	100	37.88	0.06	0.09	
1535	1557	83.54	100	100	20.01	0.03	0.03	
1536	1558	65.89	100	100	116.52	0.17	0.76	
1537	1559	69.77	100	100	74.90	0.11	0.33	
1538	1560	90.29	100	100	2.35	0	0	
1539	1561	123.12	100	100	64.47	0.1	0.25	
1540	1562	82.99	100	100	19.53	0.03	0.03	
1541	1563	86.54	100	100	4.89	0.01	0	
1542	1564	84.33	100	100	157.47	0.23	1.32	
1543	1565	64.96	100	100	17.47	0.03	0.02	
1544	1566	150.07	100	100	95.59	0.14	0.53	
1545	1567	69.44	100	100	134.07	0.2	0.98	
1546	1568	157.56	100	100	33.21	0.05	0.07	
1547	1569	341.04	100	100	145.49	0.21	1.14	
1548	1570	184.88	100	100	433.41	0.64	8.63	
1549	1571	153.69	100	100	79.89	0.12	0.38	
1550	1572	250.37	100	100	142.99	0.21	1.11	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
1551	1573	80.49	100	100	161.72	0.24	1.39	
1552	1574	90.09	100	100	397.23	0.59	7.35	
1553	1575	101.78	100	100	435.87	0.64	8.72	
1554	1576	128.04	100	100	218.04	0.32	2.42	
1555	1577	211.02	100	100	46.27	0.07	0.14	
1556	1578	173.01	100	100	125.53	0.18	0.87	
1557	1579	111.39	100	100	69.38	0.1	0.29	
1558	1580	94.4	100	100	3.03	0	0	
1559	1581	149.68	100	100	53.52	0.08	0.18	
1560	1582	72.48	100	100	153.03	0.23	1.26	
1561	1583	121.34	100	100	14.27	0.02	0.02	
1562	1584	71.84	100	100	30.27	0.04	0.06	
1563	1585	89.04	100	100	23.08	0.03	0.04	
1564	1586	52.93	100	100	20.00	0.03	0.03	
1565	1587	53.59	100	100	21.10	0.03	0.03	
1566	1588	137.14	100	100	129.33	0.19	0.92	
1567	1589	93.6	100	100	65.76	0.1	0.26	
1568	1590	108.88	100	100	15.58	0.02	0.02	
1569	1591	216.27	100	100	142.52	0.21	1.1	
1570	1592	128.28	100	100	254.61	0.38	3.22	
1571	1593	75.93	100	100	226.66	0.33	2.6	
1572	1594	308.3	100	100	67.05	0.1	0.27	
1573	1595	349.49	100	100	129.00	0.19	0.92	
1574	1596	133.82	100	100	49.98	0.07	0.16	
1575	1597	102.03	100	100	11.29	0.02	0.01	
1576	1598	89.15	100	100	90.47	0.13	0.47	
1577	1599	34.78	100	100	111.62	0.16	0.7	
1578	1600	40.63	100	100	143.62	0.21	1.12	
1579	1601	42.62	100	100	36.67	0.05	0.09	
1580	1602	35.41	100	100	13.26	0.02	0.01	
1581	1603	41.91	100	100	13.15	0.02	0.01	
1582	1604	33.82	100	100	15.45	0.02	0.02	
1583	1605	31.77	100	100	1.34	0	0	
1584	1606	38.69	100	100	75.25	0.11	0.34	
1585	1607	41	100	100	92.33	0.14	0.49	
1586	1608	40.88	100	100	60.05	0.09	0.22	
1587	1609	37.97	100	100	126.54	0.19	0.88	
1588	1610	41	100	100	76.35	0.11	0.35	
1589	1611	38.73	100	100	87.70	0.13	0.45	
1590	1612	41.69	100	100	11.69	0.02	0.01	
1591	1613	38.57	100	100	11.32	0.02	0.01	
1592	1614	40.95	100	100	10.00	0.01	0.01	
1593	1615	145.26	100	100	4.78	0.01	0	
1594	1616	37.88	100	100	15.72	0.02	0.02	
1595	1617	42	100	100	8.42	0.01	0.01	
1596	1618	42.01	100	100	26.16	0.04	0.05	
1597	1619	132.35	100	100	12.95	0.02	0.01	
1598	1620	33.96	100	100	8.37	0.01	0.01	
1599	1621	34.01	100	100	7.52	0.01	0	
1600	1622	37	100	100	62.73	0.09	0.24	
1601	1623	41.74	100	100	37.64	0.06	0.09	
1602	1624	40.7	100	100	33.07	0.05	0.07	
1603	1625	59.98	100	100	25.63	0.04	0.05	
1604	1626	41	150	100	345.76	0.23	0.79	
1605	1627	36.01	150	100	72.55	0.05	0.04	
1606	1628	26.75	200	100	126.78	0.05	0.03	
1607	1629	54.47	200	100	1,636.32	0.6	3.45	
1608	1630	36.55	300	100	685.88	0.11	0.1	
1609	1631	36.96	300	100	423.85	0.07	0.04	
1610	1632	132.6	300	100	630.22	0.1	0.08	
1611	1633	21.46	600	100	3,723.29	0.15	0.07	
1612	1634	22.51	600	100	37,005.54	1.51	5.28	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
1613	1635	45.5	80	100	0.00	0	0	
1614	1636	32.78	80	100	3.26	0.01	0	
1615	1637	20.15	150	100	205.68	0.13	0.3	
1616	1638	73.27	100	100	35.50	0.05	0.08	
1617	1639	42.5	200	100	518.95	0.19	0.41	
1618	1640	57.18	200	100	264.18	0.1	0.12	
1619	1641	62.91	100	100	87.61	0.13	0.45	
1620	1642	44.84	100	100	12.01	0.02	0.01	
1621	1643	44.52	100	100	69.60	0.1	0.29	
1622	1644	66.93	100	100	99.18	0.15	0.56	
1623	1645	48.33	100	100	90.82	0.13	0.48	
1624	1646	38.69	100	100	104.80	0.15	0.62	
1625	1647	71.87	100	100	126.35	0.19	0.88	
1626	1648	81.27	100	100	94.65	0.14	0.52	
1627	1649	56.61	150	100	20.18	0.01	0	
1628	1650	29.26	150	100	359.76	0.24	0.85	
1629	1651	70.23	150	100	298.94	0.2	0.6	
1630	1652	81.1	150	100	275.79	0.18	0.52	
1631	1653	111.61	100	100	74.35	0.11	0.33	
1632	1654	46.08	100	100	99.69	0.15	0.57	
1633	1655	26.01	100	100	170.56	0.25	1.53	
1634	1656	160.66	100	100	103.72	0.15	0.61	
1635	1657	40.18	100	100	101.80	0.15	0.59	
1636	1658	73.83	150	100	794.97	0.52	3.68	
1637	1659	166.43	150	100	426.06	0.28	1.16	
1638	1660	51.58	100	100	6.72	0.01	0	
1639	1661	39.68	100	100	2.06	0	0	
1640	1662	98.98	100	100	20.78	0.03	0.03	
1641	1663	107.34	100	100	80.80	0.12	0.38	
1642	1664	71.35	100	100	141.66	0.21	1.09	
1643	1665	84.47	500	100	8,720.24	0.51	0.88	
1644	1666	196.7	500	100	7,712.46	0.45	0.7	
1645	1667	71.2	200	100	527.44	0.19	0.42	
1646	1668	67.02	200	100	903.72	0.33	1.15	
1647	1669	144.59	200	100	1,128.08	0.42	1.73	
1648	1670	92.69	500	100	8,120.92	0.48	0.77	
1649	1671	118.67	500	100	5,704.58	0.34	0.4	
1650	1672	26.51	100	100	200.85	0.3	2.08	
1651	1673	40.18	100	100	6.34	0.01	0	
1652	1674	66.14	100	100	157.79	0.23	1.33	
1653	1675	152.52	100	100	151.47	0.22	1.23	
1654	1676	131.39	500	100	3,496.62	0.21	0.16	
1655	1677	76.01	100	100	15.23	0.02	0.02	
1656	1678	99.31	100	100	7.86	0.01	0.01	
1657	1679	31.5	100	100	292.57	0.43	4.17	
1658	1680	37.02	200	100	232.10	0.09	0.09	
1659	1681	119.55	150	100	135.47	0.09	0.14	
1660	1682	129.16	300	100	353.09	0.06	0.03	
1661	1683	73.03	200	100	484.24	0.18	0.36	
1662	1684	152.93	200	100	417.10	0.15	0.27	
1663	1685	453.49	200	100	1,069.00	0.39	1.57	
1664	1686	151.22	100	100	9.61	0.01	0.01	
1665	1687	117.07	100	100	47.68	0.07	0.14	
1666	1688	35.38	150	100	73.17	0.05	0.04	
1667	1689	114.18	100	100	98.81	0.15	0.56	
1668	1690	18.84	100	100	4.17	0.01	0	
1669	1691	52.72	80	100	19.44	0.04	0.08	
1670	1692	111.09	80	100	28.75	0.07	0.17	
1671	1693	56.84	100	100	333.65	0.49	5.32	
1672	1694	25.84	100	100	50.24	0.07	0.16	
1673	1695	437	150	100	5.54	0	0	
1674	1696	67.31	100	100	40.85	0.06	0.11	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
1675	1697	67.79	150	100	178.42	0.12	0.23	
1676	1698	69.85	150	100	99.88	0.07	0.08	
1677	1699	31.34	250	100	211.67	0.05	0.03	
1678	1700	125.8	100	100	55.37	0.08	0.19	
1679	1701	66.02	200	100	19.56	0.01	0	
1680	1702	291.11	80	100	21.51	0.05	0.1	
1681	1703	35.47	150	100	119.64	0.08	0.11	
1682	1704	111.76	150	100	15.48	0.01	0	
1683	1705	188.2	150	100	40.99	0.03	0.02	
1684	1706	23.26	200	100	222.84	0.08	0.09	
1685	1707	61.55	100	100	285.34	0.42	3.98	
1686	1708	61.99	150	100	2,669.10	1.75	34.71	
1687	1709	93.77	250	100	3,068.10	0.72	3.73	
1688	1710	339.11	80	100	46.65	0.11	0.41	
1689	1711	249.06	150	100	0.36	0	0	
1690	1712	3.56	200	100	2,984.52	1.1	10.51	
1691	1713	63.22	200	100	1,938.41	0.71	4.73	
1692	1714	119.1	100	100	42.60	0.06	0.03	
1693	1715	64.71	100	100	182.11	0.27	1.73	
1694	1716	143.69	100	100	193.97	0.29	1.95	
1695	1717	64.58	100	100	21.77	0.03	0.03	
1696	1718	60.84	100	100	194.80	0.29	1.96	
1697	1719	134.79	100	100	156.10	0.23	1.3	
1698	1720	58.72	100	100	172.96	0.25	1.58	
1699	1721	132.92	100	100	90.27	0.13	0.47	
1700	1722	135.58	100	100	67.77	0.1	0.28	
1701	1723	78.32	100	100	98.86	0.15	0.56	
1702	1724	121.95	100	100	76.32	0.11	0.35	
1703	1725	63.57	100	100	63.31	0.09	0.24	
1704	1726	176.1	300	100	2,135.66	0.35	0.78	
1705	1727	54.24	150	100	166.74	0.11	0.2	
1706	1728	12.61	150	100	419.55	0.27	1.13	
1707	1729	18.32	200	100	530.35	0.2	0.43	
1708	1730	37.98	150	100	357.34	0.23	0.84	
1709	1731	159.57	600	100	37,107.47	1.52	5.31	
1710	1732	182.98	600	100	23,025.79	0.94	2.19	
1711	1733	157.5	200	100	800.62	0.29	0.92	
1712	1734	1137.18	1000	100	70,281.46	1.04	1.44	
1713	1735	15.12	500	100	10,882.14	0.64	1.33	
1714	1736	15.13	600	100	17,124.79	0.7	1.27	
1715	1737	265.13	600	100	15,124.43	0.62	1.01	
1716	1738	5.3	600	100	3,723.29	0.15	0.08	
1717	1739	273.16	600	100	17,124.79	0.7	1.27	
1718	1740	18.38	300	100	0.00	0	0	
1719	1741	390.99	300	100	2,274.40	0.37	0.88	
1720	1742	519.6	150	100	2,265.05	1.48	25.61	
1721	1743	138.77	100	100	53.03	0.08	0.18	
1722	1744	600.85	200	100	893.69	0.33	1.13	
1723	1745	234.04	600	100	7,639.73	0.31	0.28	
1724	1746	288.45	100	100	22.99	0.03	0.04	
1725	1747	29.39	100	100	30.41	0.04	0.06	
1726	1748	72.64	100	100	85.72	0.13	0.43	
1727	1749	205.59	150	100	157.85	0.1	0.18	
1728	1750	27.57	100	100	43.62	0.06	0.12	
1729	1751	119.57	100	100	47.34	0.07	0.14	
1730	1752	71.59	150	100	184.65	0.12	0.25	
1731	1753	10.28	150	100	157.85	0.1	0.18	
1732	1754	130.29	600	100	3,734.26	0.15	0.08	
1733	1755	24.36	600	100	31,710.55	1.3	3.97	
1734	1756	44.64	200	100	0.00	0	0	
1735	1757	157.39	80	100	69.62	0.16	0.87	
1736	1758	111.98	100	100	24.97	0.04	0.04	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
1737	1759	62.05	150	100	71.89	0.05	0.04	
1738	1760	152.49	100	100	109.45	0.16	0.67	
1739	1761	114.06	100	100	52.33	0.08	0.17	
1740	1762	34.91	100	100	37.29	0.05	0.09	
1741	1763	262.92	80	100	218.01	0.5	7.17	
1742	1764	159.64	100	100	510.22	0.75	11.68	
1743	1765	208.28	500	100	3,294.17	0.19	0.15	
1744	1766	395.37	250	100	513.27	0.12	0.14	
1745	1767	183.79	400	100	2,778.99	0.26	0.31	
1746	1768	166.03	200	100	472.27	0.17	0.35	
1747	1769	141.97	400	100	2,062.44	0.19	0.18	
1748	1770	60.04	100	100	29.78	0.04	0.06	
1749	1771	50.03	100	100	9.12	0.01	0.01	
1750	1772	39.92	100	100	44.98	0.07	0.13	
1751	1773	32.31	100	100	23.13	0.03	0.04	
1752	1774	32.14	100	100	25.95	0.04	0.05	
1753	1775	180.13	100	100	8.45	0.01	0.01	
1754	1776	161.16	100	100	0.26	0	0	
1755	1777	120.64	100	100	0.60	0	0	
1756	1778	100.13	100	100	4.88	0.01	0	
1757	1779	32.81	100	100	14.04	0.02	0.02	
1758	1780	31.74	100	100	19.91	0.03	0.03	
1759	1781	49.13	100	100	5.87	0.01	0	
1760	1782	38.44	100	100	85.33	0.13	0.43	
1761	1783	148.38	400	100	1,831.61	0.17	0.15	
1762	1784	37.63	150	100	194.68	0.13	0.27	
1763	1785	165.49	150	100	107.28	0.07	0.09	
1764	1786	97.1	150	100	54.11	0.04	0.03	
1765	1787	38.8	150	100	80.30	0.05	0.05	
1766	1788	23	150	100	430.76	0.28	1.18	
1767	1789	31	150	100	245.99	0.16	0.42	
1768	1790	40.99	100	100	67.54	0.1	0.28	
1769	1791	115.77	100	100	35.99	0.05	0.09	
1770	1792	115.77	100	100	21.90	0.03	0.03	
1771	1793	138	100	100	62.10	0.09	0.24	
1772	1794	138	100	100	81.23	0.12	0.39	
1773	1795	117.77	100	100	8.56	0.01	0.01	
1774	1796	32.04	100	100	73.28	0.11	0.32	
1775	1797	148	150	100	177.13	0.12	0.23	
1776	1798	34	100	100	62.82	0.09	0.24	
1777	1799	167.57	150	100	157.86	0.1	0.18	
1778	1800	34	100	100	90.11	0.13	0.47	
1779	1801	167.57	100	100	62.88	0.09	0.24	
1780	1802	40.66	100	100	26.84	0.04	0.05	
1781	1803	38.37	150	100	16.77	0.01	0	
1782	1804	47.67	100	100	48.01	0.07	0.15	
1783	1805	49.02	100	100	8.47	0.01	0.01	
1784	1806	28.01	100	100	3.61	0.01	0	
1785	1807	34.36	100	100	23.38	0.03	0.04	
1786	1808	130.95	100	100	20.16	0.03	0.03	
1787	1809	131.58	100	100	14.56	0.02	0.02	
1788	1810	132.73	100	100	11.63	0.02	0.01	
1789	1811	133.23	100	100	11.85	0.02	0.01	
1790	1812	36.01	100	100	34.72	0.05	0.08	
1791	1813	96.33	100	100	4.39	0.01	0	
1792	1814	145.89	100	100	31.63	0.05	0.07	
1793	1815	106.14	100	100	35.93	0.05	0.09	
1794	1816	83.8	100	100	29.95	0.04	0.06	
1795	1817	38.32	100	100	22.74	0.03	0.04	
1796	1818	40.13	100	100	79.34	0.12	0.37	
1797	1819	44.3	100	100	29.59	0.04	0.06	
1798	1820	126.44	100	100	75.20	0.11	0.34	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
1799	1821	98.52	100	100	31.52	0.05	0.07	
1800	1822	116.25	100	100	43.48	0.06	0.12	
1801	1823	133.75	150	100	48.87	0.03	0.02	
1802	1824	128.08	100	100	59.21	0.09	0.22	
1803	1825	17.97	100	100	183.61	0.27	1.76	
1804	1826	23.18	300	100	811.91	0.13	0.13	
1805	1827	97.87	200	100	133.52	0.05	0.03	
1806	1828	146.76	200	100	162.36	0.06	0.05	
1807	1829	23.17	200	100	853.30	0.31	1.03	
1808	1830	115.98	200	100	548.11	0.2	0.46	
1809	1831	126.5	200	100	445.60	0.16	0.31	
1810	1832	18	100	100	57.89	0.09	0.21	
1811	1833	39.98	100	100	44.19	0.07	0.13	
1812	1834	14.66	100	100	191.31	0.28	1.9	
1813	1835	21.58	100	100	2.56	0	0	
1814	1836	49	100	100	4.73	0.01	0	
1815	1837	28	100	100	11.04	0.02	0.01	
1816	1838	34.3	100	100	3.68	0.01	0	
1817	1839	41.07	200	100	409.43	0.15	0.27	
1818	1840	37.21	100	100	30.02	0.04	0.06	
1819	1841	36.27	100	100	16.61	0.02	0.02	
1820	1842	37	200	100	97.29	0.04	0.02	
1821	1843	34	200	100	153.43	0.06	0.04	
1822	1844	44	200	100	281.55	0.1	0.13	
1823	1845	130.1	150	100	293.47	0.19	0.58	
1824	1846	105.32	150	100	23.61	0.02	0.01	
1825	1847	36.3	150	100	51.96	0.03	0.02	
1826	1848	96.3	150	100	16.79	0.01	0	
1827	1849	52.7	150	100	19.08	0.01	0	
1828	1850	41.94	100	100	2.27	0	0	
1829	1851	36.21	150	100	14.33	0.01	0	
1830	1852	78.09	100	100	1.97	0	0	
1831	1853	99.27	100	100	40.81	0.06	0.11	
1832	1854	120.44	100	100	47.78	0.07	0.15	
1833	1855	101.67	100	100	24.40	0.04	0.04	
1834	1856	69.65	100	100	8.56	0.01	0.01	
1835	1857	55.45	100	100	36.67	0.05	0.09	
1836	1858	54.79	100	100	133.26	0.2	0.97	
1837	1859	214.2	150	100	25.60	0.02	0.01	
1838	1860	112	100	100	8.24	0.01	0	
1839	1861	180.9	100	100	7.88	0.01	0	
1840	1862	44.91	100	100	18.21	0.03	0.02	
1841	1863	75.65	100	100	14.17	0.02	0.02	
1842	1864	46.28	100	100	7.32	0.01	0	
1843	1865	26.74	100	100	6.34	0.01	0	
1844	1866	70.09	100	100	4.99	0.01	0	
1845	1867	32.24	150	100	48.45	0.03	0.02	
1846	1868	26.27	100	100	18.77	0.03	0.03	
1847	1869	63.75	100	100	1.57	0	0	
1848	1870	26.79	80	100	3.99	0.01	0	
1849	1871	36.67	100	100	7.59	0.01	0	
1850	1872	139.95	150	100	27.52	0.02	0.01	
1851	1873	37.64	150	100	30.85	0.02	0.01	
1852	1874	42.81	80	100	2.36	0.01	0	
1853	1875	167.91	150	100	10.45	0.01	0	
1854	1876	29.22	150	100	5.68	0	0	
1855	1877	238.54	80	100	1.25	0	0	
1856	16682	188.75	80	100	1.25	0	0	
1857	1878	1660.46	200	100	203.19	0.07	0.07	
1858	1879	46.11	150	100	51.10	0.03	0.02	
1859	1880	906.56	200	100	166.91	0.06	0.05	
1860	1881	171.36	150	100	0.00	0	0	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
1861	1882	407.72	100	100	85.67	0.13	0.43	
1862	1883	676.74	200	100	178.70	0.07	0.06	
1863	1884	1445.72	200	100	150.47	0.06	0.04	
1864	1885	683.59	100	100	75.77	0.11	0.34	
1865	1886	112.1	80	100	4.71	0.01	0.01	
1866	1887	110.91	80	100	5.10	0.01	0.01	
1867	1888	45.12	80	100	0.29	0	0	
1868	1889	175.57	80	100	1.18	0	0	
1869	1890	105.04	80	100	1.46	0	0	
1870	1891	98.57	80	100	7.62	0.02	0.01	
1871	1892	43.3	80	100	3.49	0.01	0	
1872	1893	116.06	80	100	3.32	0.01	0	
1873	1894	146.32	80	100	4.87	0.01	0.01	
1874	1895	173.29	80	100	0.89	0	0	
1875	1896	139.51	80	100	6.28	0.01	0.01	
1876	1897	84.44	80	100	5.08	0.01	0.01	
1877	1898	138.15	80	100	4.94	0.01	0.01	
1878	1899	38.89	80	100	22.95	0.05	0.11	
1879	1900	24.65	80	100	3.43	0.01	0	
1880	1901	385.1	80	100	0.94	0	0	
1881	1902	60.93	80	100	23.95	0.06	0.12	
1882	1903	140.47	80	100	121.51	0.28	2.43	
1883	1904	130.45	80	100	257.56	0.59	9.76	
1884	1905	30.39	80	100	165.40	0.38	4.3	
1885	1906	88.37	80	100	11.99	0.03	0.03	
1886	1907	120.63	80	100	48.42	0.11	0.44	
1887	1908	92.63	80	100	34.12	0.08	0.23	
1888	1909	180.31	80	100	15.10	0.03	0.05	
1889	1910	199.04	80	100	51.89	0.12	0.5	
1890	1911	141.46	80	100	25.67	0.06	0.14	
1891	1912	32.7	80	100	20.55	0.05	0.09	
1892	1913	21.13	80	100	69.34	0.16	0.86	
1893	1914	30.4	80	100	41.58	0.1	0.33	
1894	1915	21.61	80	100	24.59	0.06	0.13	
1895	1916	189.35	80	100	0.98	0	0	
1896	1917	31.59	80	100	0.38	0	0	
1897	1918	23.77	80	100	11.63	0.03	0.03	
1898	1919	196.83	80	100	0.31	0	0	
1899	1920	197.39	100	100	50.60	0.07	0.16	
1900	1921	87.26	80	100	165.28	0.38	4.29	
1901	1922	133.03	80	100	13.85	0.03	0.04	
1902	1923	272.45	80	100	2.27	0.01	0	
1903	1924	383.37	100	100	111.96	0.16	0.7	
1904	1925	267.07	80	100	2.48	0.01	0	
1905	1926	514.2	80	100	2.49	0.01	0	
1906	1927	76.43	80	100	231.23	0.53	8	
1907	1928	119.37	80	100	56.52	0.13	0.59	
1908	1929	378.07	600	100	4.184.88	0.17	0.09	
1909	1930	390.23	600	100	7.662.71	0.31	0.29	
1910	1931	331.03	600	100	37.234.82	1.52	5.34	
1911	1932	380.69	600	100	13.931.96	0.57	0.86	
1912	1933	37.49	600	100	7.624.33	0.31	0.28	
1913	1934	144.8	600	100	45.642.50	1.87	7.79	
1914	1935	48.35	600	100	24.086.22	0.99	2.38	
1915	1936	257.9	600	100	42.506.63	1.74	6.83	
1916	1937	263.84	600	100	17.789.06	0.73	1.36	
1917	1938	105.78	600	100	36.830.06	1.51	5.23	
1918	1939	59.02	600	100	3.857.11	0.16	0.08	
1919	1940	90.45	600	100	45.519.49	1.86	7.75	
1920	1941	503.99	600	100	36.876.14	1.51	5.25	
1921	1942	41.42	600	100	12.280.23	0.5	0.68	
1922	1943	20.98	600	100	2.000.35	0.08	0.02	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
1923	1944	126.78	600	100	19.939.65	0.82	1.68	
1924	1945	112.76	600	100	19.932.62	0.82	1.68	
1925	1946	75.74	600	100	17.284.43	0.71	1.29	
1926	1947	91.64	600	100	13.435.13	0.55	0.81	
1927	1948	207.11	600	100	4.157.90	0.17	0.09	
1928	1949	436.85	600	100	3.506.61	0.14	0.07	
1929	1950	202.86	600	100	10.483.50	0.43	0.51	
1930	1951	321.38	600	100	16.569.57	0.68	1.19	
1931	1952	159.08	600	100	16.215.43	0.66	1.15	
1932	1953	422.64	500	100	2.133.33	0.13	0.07	
1933	1954	267.42	500	100	5.844.57	0.34	0.42	
1934	1955	406.53	500	100	3.654.54	0.22	0.18	
1935	1956	262.42	500	100	1.235.15	0.07	0.02	
1936	1957	283.69	500	100	923.45	0.05	0.01	
1937	1958	179.17	500	100	8.881.79	0.52	0.91	
1938	1959	176.82	350	100	3.689.66	0.44	1.02	
1939	1960	95.54	400	100	5.702.45	0.53	1.19	
1940	1961	56.19	400	100	5.643.76	0.52	1.17	
1941	1962	341.62	400	100	3.776.27	0.35	0.56	
1942	1963	336.69	400	100	1.053.96	0.1	0.05	
1943	1964	78.81	400	100	181.83	0.02	0	
1944	1965	14.74	400	100	0.00	0	0	
1945	1966	47.78	350	100	5.220.28	0.63	1.94	
1946	1967	209.01	350	100	4.847.44	0.58	1.69	
1947	1968	302.48	300	100	0.00	0	0	
1948	1969	108.17	300	100	39.61	0.01	0	
1949	1970	77.82	300	100	1.233.90	0.2	0.28	
1950	1971	124.61	300	100	3.808.24	0.62	2.29	
1951	1972	26.17	300	100	2.274.40	0.37	0.88	
1952	1973	88.34	300	100	3.750.42	0.61	2.23	
1953	1974	56.95	300	100	4.078.35	0.67	2.6	
1954	1975	205.98	300	100	1.511.72	0.25	0.41	
1955	1976	301.54	300	100	155.29	0.03	0.01	
1956	1978	175.86	300	100	71.83	0.01	0	
1957	1979	137.79	300	100	40.23	0.01	0	
1958	1980	573.27	300	100	0.00	0	0	
1959	1981	108.91	300	100	422.45	0.07	0.04	
1960	1982	74.17	300	100	504.58	0.08	0.05	
1961	1983	218.59	250	100	682.33	0.16	0.23	
1962	1984	103.61	250	100	834.17	0.2	0.33	
1963	1985	361.22	250	100	1.553.44	0.37	1.06	
1964	16695	282.34	250	100	1.547.91	0.36	1.05	
1965	1986	27.12	250	100	169.43	0.04	0.02	
1966	1987	73.49	250	100	711.00	0.17	0.25	
1967	1988	202.04	250	100	363.84	0.09	0.07	
1968	1989	579.58	250	100	399.09	0.09	0.09	
1969	1990	36.04	250	100	2.898.87	0.68	3.36	
1970	1991	45.41	250	100	223.61	0.05	0.03	
1971	1992	24.06	250	100	2.356.59	0.56	2.29	
1972	1993	216.37	200	100	35.28	0.01	0	
1973	1994	157.57	200	100	320.80	0.12	0.17	
1974	1995	213.45	200	100	111.50	0.04	0.02	
1975	1996	554.79	200	100	71.08	0.03	0.01	
1976	1997	1150.38	150	100	18.57	0.01	0	
1977	1998	72.18	200	100	5.56	0	0	
1978	1999	69.72	200	100	242.85	0.09	0.1	
1979	2000	123.15	200	100	216.62	0.08	0.08	
1980	2001	192.16	200	100	122.85	0.05	0.03	
1981	2002	382.16	200	100	760.58	0.28	0.84	
1982	2003	57.76	200	100	216.42	0.08	0.08	
1983	2004	221.72	200	100	768.14	0.28	0.85	
1984	2005	211.32	200	100	759.96	0.28	0.83	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
1985	2006	175.78	200	100	1,029.94	0.38	1.47	
1986	2007	119.01	200	100	644.42	0.24	0.61	
1987	2008	124.42	200	100	914.76	0.34	1.18	
1988	2009	199.31	200	100	0.00	0	0	
1989	2010	213.91	200	100	410.20	0.15	0.27	
1990	2011	42.69	200	100	1,072.91	0.4	1.58	
1991	2012	70.75	200	100	1,274.76	0.47	2.18	
1992	2013	46.35	200	100	1,714.01	0.63	3.76	
1993	2014	155.68	200	100	1,035.00	0.38	1.48	
1994	2015	36.26	200	100	123.02	0.05	0.03	
1995	2016	113.59	200	100	57.09	0.02	0.01	
1996	2017	283.58	200	100	629.88	0.23	0.59	
1997	2018	33.8	200	100	1,039.12	0.38	1.49	
1998	2019	91.22	200	100	145.68	0.05	0.04	
1999	2020	46.69	200	100	78.49	0.03	0.01	
2000	2021	34.19	200	100	1,085.10	0.4	1.61	
2001	2022	114.58	200	100	435.15	0.16	0.3	
2002	2023	54.45	200	100	399.42	0.15	0.25	
2003	2024	41.49	200	100	825.95	0.3	0.97	
2004	2025	46.93	200	100	176.03	0.06	0.06	
2005	2026	49	200	100	346.23	0.13	0.19	
2006	2027	158.28	200	100	896.60	0.33	1.13	
2007	2028	435.51	200	100	537.62	0.2	0.44	
2008	2029	945.94	200	100	245.41	0.09	0.1	
2009	2030	554.84	200	100	239.61	0.09	0.1	
2010	2031	128.98	200	100	312.37	0.12	0.16	
2011	2032	289.22	200	100	221.16	0.08	0.08	
2012	2033	226.6	200	100	143.71	0.05	0.04	
2013	2034	1069.1	200	100	62.60	0.02	0.01	
2014	2035	699.8	200	100	116.78	0.04	0.03	
2015	2036	784.19	200	100	656.30	0.24	0.64	
2016	2037	3165.24	200	100	208.26	0.08	0.08	
2017	2038	356.28	200	100	42.21	0.02	0	
2018	2039	797.1	200	100	392.66	0.14	0.25	
2019	2040	262.5	200	100	11.44	0	0	
2020	16683	253.55	200	100	2.78	0	0	
2021	2041	139.72	200	100	327.45	0.12	0.18	
2022	2042	116	200	100	137.95	0.05	0.04	
2023	2043	538.18	200	100	927.80	0.34	1.21	
2024	2044	191.49	200	100	694.58	0.26	0.71	
2025	2045	5.21	200	100	714.87	0.26	0.74	
2026	2046	316.26	150	100	20.76	0.01	0	
2027	2047	280.3	150	100	39.93	0.03	0.01	
2028	2048	84.49	150	100	0.47	0	0	
2029	2049	183.51	150	100	3.95	0	0	
2030	2050	23.09	150	100	117.47	0.08	0.11	
2031	2051	196.69	150	100	33.64	0.02	0.01	
2032	2052	106.74	150	100	214.90	0.14	0.33	
2033	2053	113.29	150	100	25.45	0.02	0.01	
2034	2054	49	150	100	32.38	0.02	0.01	
2035	2055	8.51	150	100	5.23	0	0	
2036	2056	42.62	150	100	98.19	0.06	0.08	
2037	2057	28.73	150	100	14.20	0.01	0	
2038	2058	118.91	150	100	302.90	0.2	0.62	
2039	2059	41.71	150	100	27.84	0.02	0.01	
2040	2060	186.64	150	100	0.00	0	0	
2041	2061	59.37	150	100	706.97	0.46	2.96	
2042	2062	47.38	150	100	590.55	0.39	2.12	
2043	2063	26.68	150	100	443.23	0.29	1.25	
2044	2064	587.19	150	100	2.90	0	0	
2045	2065	211.57	150	100	408.37	0.27	1.07	
2046	2066	56.94	150	100	65.45	0.04	0.04	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
2047	2067	105.52	150	100	104.76	0.07	0.09	
2048	2068	96.31	150	100	11.86	0.01	0	
2049	2069	61.42	150	100	2.84	0	0	
2050	2070	123.34	150	100	173.51	0.11	0.22	
2051	2071	134.12	150	100	52.79	0.03	0.02	
2052	2072	129.08	200	100	2,537.05	0.93	7.78	
2053	2073	33.84	200	100	2,560.68	0.94	7.92	
2054	2074	111.33	150	100	266.77	0.17	0.49	
2055	2075	119.46	150	100	152.47	0.1	0.17	
2056	2076	69.04	150	100	192.37	0.13	0.27	
2057	2077	72.94	150	100	200.54	0.13	0.29	
2058	2078	36.74	150	100	586.98	0.38	2.1	
2059	2079	54.97	150	100	368.44	0.24	0.89	
2060	2080	34.21	150	100	7.76	0.01	0	
2061	2081	33.63	150	100	26.86	0.02	0.01	
2062	2082	183.78	150	100	201.17	0.13	0.29	
2063	2083	37.3	150	100	398.89	0.26	1.03	
2064	2084	40.98	150	100	352.49	0.23	0.82	
2065	2085	28.64	150	100	62.65	0.04	0.03	
2066	2086	273.65	150	100	37.42	0.02	0.01	
2067	2087	198.49	150	100	68.42	0.04	0.04	
2068	2088	38.92	150	100	101.59	0.07	0.08	
2069	2089	150.01	150	100	170.60	0.11	0.21	
2070	2090	170.72	150	100	713.58	0.47	3.02	
2071	2091	104.43	150	100	662.98	0.43	2.63	
2072	2092	90.83	150	100	31.72	0.02	0.01	
2073	2093	605.83	150	100	6.83	0	0	
2074	2094	109.73	150	100	40.89	0.03	0.02	
2075	2095	52.61	150	100	201.05	0.13	0.29	
2076	2096	29.24	150	100	221.75	0.15	0.35	
2077	2097	175.87	150	100	44.75	0.03	0.02	
2078	2098	57.5	150	100	956.49	0.63	5.19	
2079	2099	107.49	150	100	720.12	0.47	3.07	
2080	2100	42.87	150	100	620.37	0.41	2.33	
2081	2101	33.25	1000	100	70,938.00	1.05	1.46	
2082	2102	571.44	1000	100	59,399.32	0.88	1.05	
2083	2103	304.75	1000	100	50,679.09	0.75	0.79	
2084	2104	246.27	1000	100	46,955.79	0.69	0.68	
2085	2105	136.5	100	100	0.30	0	0	
2086	2106	1408.71	100	100	21.37	0.03	0.03	
2087	2107	96.79	100	100	38.39	0.06	0.1	
2088	2108	99.3	100	100	7.07	0.01	0	
2089	2109	47.88	100	100	15.32	0.02	0.02	
2090	2110	37.98	100	100	50.67	0.07	0.16	
2091	2111	92.02	100	100	16.70	0.02	0.02	
2092	2112	91.16	100	100	2.93	0	0	
2093	2113	61.36	100	100	2.24	0	0	
2094	2114	111.92	100	100	21.92	0.03	0.03	
2095	2115	43	100	100	75.45	0.11	0.34	
2096	2116	40.7	100	100	61.18	0.09	0.23	
2097	2117	80.12	100	100	17.36	0.03	0.02	
2098	2118	34.82	100	100	12.46	0.02	0.01	
2099	2119	139.58	100	100	9.06	0.01	0.01	
2100	2120	41.7	100	100	4.24	0.01	0	
2101	2121	100.15	100	100	9.21	0.01	0.01	
2102	2122	47.02	100	100	5.25	0.01	0	
2103	2123	126.77	100	100	10.04	0.01	0.01	
2104	2124	87.02	100	100	8.58	0.01	0.01	
2105	2125	88.44	100	100	8.22	0.01	0.01	
2106	2126	41.24	100	100	12.33	0.02	0.01	
2107	2127	52.79	100	100	16.59	0.02	0.02	
2108	2128	972.66	100	100	9.36	0.01	0.01	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
2109	2129	22.96	100	100	32.53	0.05	0.07	
2110	2130	105.34	100	100	18.59	0.03	0.03	
2111	2131	41.68	100	100	27.47	0.04	0.05	
2112	2132	76.08	100	100	0.23	0	0	
2113	2133	229.47	100	100	38.14	0.06	0.1	
2114	2134	222.5	100	100	91.30	0.13	0.48	
2115	2135	349.09	100	100	7.78	0.01	0.01	
2116	2136	35.94	100	100	71.31	0.11	0.31	
2117	2137	29.98	100	100	11.63	0.02	0.01	
2118	2138	111.31	100	100	24.51	0.04	0.04	
2119	2139	32.86	100	100	26.56	0.04	0.05	
2120	2140	357.97	100	100	16.17	0.02	0.02	
2121	2141	624.93	100	100	4.33	0.01	0	
2122	2142	52.81	100	100	0.00	0	0	
2123	2143	41.53	100	100	32.91	0.05	0.07	
2124	2144	59.24	100	100	23.13	0.03	0.04	
2125	2145	103.49	100	100	23.98	0.04	0.04	
2126	2146	97.68	100	100	28.93	0.04	0.06	
2127	2147	132.73	100	100	190.24	0.28	1.88	
2128	2148	86.28	100	100	61.72	0.09	0.23	
2129	2149	79.93	100	100	184.07	0.27	1.77	
2130	2150	46.49	100	100	23.39	0.03	0.04	
2131	2151	112.32	100	100	7.63	0.01	0	
2132	2152	59.28	100	100	10.56	0.02	0.01	
2133	2153	60.21	100	100	97.73	0.14	0.55	
2134	2154	56.66	100	100	178.99	0.26	1.68	
2135	2155	60.01	100	100	52.55	0.08	0.17	
2136	2156	152.81	100	100	137.23	0.2	1.03	
2137	2157	128.71	100	100	51.98	0.08	0.17	
2138	2158	48.6	100	100	407.67	0.6	7.71	
2139	2159	53.95	100	100	383.43	0.57	6.88	
2140	2160	33.72	100	100	435.06	0.64	8.69	
2141	2161	156.38	100	100	150.15	0.22	1.21	
2142	2162	163.64	100	100	143.10	0.21	1.08	
2143	2163	133.76	100	100	150.79	0.22	1.22	
2144	2164	210.4	100	100	79.81	0.12	0.38	
2145	2165	36.96	100	100	439.58	0.65	8.86	
2146	2166	209.85	100	100	97.12	0.14	0.54	
2147	2167	38.38	100	100	623.45	0.92	16.93	
2148	2168	47.44	100	100	202.83	0.3	2.12	
2149	2169	133.95	100	100	38.72	0.06	0.1	
2150	2170	55.64	100	100	286.47	0.42	4	
2151	2171	86.63	100	100	75.97	0.11	0.34	
2152	2172	183.48	100	100	17.30	0.03	0.02	
2153	2173	69.48	100	100	173.26	0.26	1.58	
2154	2174	30.4	100	100	131.73	0.19	0.95	
2155	2175	90.83	100	100	96.49	0.14	0.53	
2156	2176	57.01	100	100	95.81	0.14	0.53	
2157	2177	62.69	100	100	68.99	0.1	0.29	
2158	2178	104.82	100	100	60.42	0.09	0.22	
2159	2179	78.42	100	100	2.81	0	0	
2160	2180	39.88	100	100	14.64	0.02	0.02	
2161	2181	51.98	100	100	2.80	0	0	
2162	2182	83.16	100	100	9.54	0.01	0.01	
2163	2183	28.07	100	100	44.34	0.07	0.13	
2164	2184	150.54	100	100	395.44	0.58	7.28	
2165	2185	78.69	100	100	16.56	0.02	0.02	
2166	2186	556.8	100	100	0.00	0	0	
2167	2187	31.14	100	100	54.19	0.08	0.18	
2168	2188	89.93	100	100	33.57	0.05	0.08	
2169	2189	39.91	100	100	48.90	0.07	0.15	
2170	2190	49.17	100	100	46.19	0.07	0.14	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
2171	2191	74.76	100	100	65.11	0.1	0.26	
2172	2192	44.11	100	100	2.09	0	0	
2173	2193	325.27	100	100	16.00	0.02	0.02	
2174	2194	191.28	100	100	26.87	0.04	0.05	
2175	2195	39.14	100	100	169.33	0.25	1.51	
2176	2196	86.37	100	100	73.24	0.11	0.32	
2177	2197	68.75	100	100	7.70	0.01	0.01	
2178	2198	51.86	100	100	9.79	0.01	0.01	
2179	2199	34.42	100	100	7.74	0.01	0	
2180	2200	57.94	100	100	27.04	0.04	0.05	
2181	2201	92.67	100	100	3.67	0.01	0	
2182	2202	26.37	100	100	5.63	0.01	0	
2183	2203	25.43	100	100	48.33	0.07	0.15	
2184	2204	74.3	100	100	113.38	0.17	0.72	
2185	2205	44.11	100	100	118.08	0.17	0.78	
2186	2206	34.64	100	100	158.50	0.23	1.34	
2187	2207	37.35	100	100	34.08	0.05	0.08	
2188	2208	36.76	100	100	136.83	0.2	1.02	
2189	2209	189.5	100	100	58.34	0.09	0.21	
2190	2210	69.14	100	100	54.64	0.08	0.19	
2191	2211	47.29	100	100	62.43	0.09	0.24	
2192	2212	85.63	100	100	93.55	0.14	0.5	
2193	2213	684.41	100	100	0.94	0	0	
2194	2214	90.12	100	100	187.14	0.28	1.82	
2195	2215	140.36	100	100	34.52	0.05	0.08	
2196	2216	73.5	100	100	36.23	0.05	0.09	
2197	2217	33.32	100	100	29.19	0.04	0.06	
2198	2218	394.16	100	100	5.47	0.01	0	
2199	2219	932.71	100	100	1.68	0	0	
2200	2220	359.76	100	100	0.00	0	0	
2201	2221	439.7	100	100	4.88	0.01	0	
2202	2222	27.15	100	100	23.71	0.03	0.04	
2203	2223	182.51	100	100	205.88	0.3	2.17	
2204	2224	103.1	100	100	150.79	0.22	1.22	
2205	2225	189.64	100	100	91.78	0.14	0.49	
2206	2226	111.49	100	100	4.91	0.01	0	
2207	2227	97.92	100	100	281.99	0.42	3.89	
2208	2228	58.9	100	100	560.77	0.83	13.91	
2209	2229	73.91	100	100	14.67	0.02	0.02	
2210	2230	84.7	100	100	35.83	0.05	0.09	
2211	2231	177.29	100	100	12.29	0.02	0.01	
2212	2232	702.5	100	100	3.76	0.01	0	
2213	2233	222.17	100	100	45.91	0.07	0.14	
2214	2234	969.28	100	100	28.86	0.04	0.06	
2215	2235	111.34	100	100	37.92	0.06	0.09	
2216	2236	128.5	100	100	4.08	0.01	0	
2217	2237	90.1	100	100	40.33	0.06	0.11	
2218	2238	100.91	100	100	35.73	0.05	0.08	
2219	2239	79.55	100	100	254.24	0.37	3.21	
2220	2240	76.58	100	100	105.19	0.16	0.63	
2221	2241	101.35	100	100	83.88	0.12	0.41	
2222	2242	86.8	100	100	112.83	0.17	0.71	
2223	2243	118.45	100	100	102.00	0.15	0.59	
2224	2244	120.99	100	100	35.89	0.05	0.09	
2225	2245	56.11	100	100	7.00	0.01	0	
2226	2246	100.57	100	100	85.75	0.13	0.43	
2227	2247	761.77	200	100	2.23	0	0	
2228	2248	35.19	100	100	38.77	0.06	0.1	
2229	2249	1191.18	100	100	1.56	0	0	
2230	2250	200.41	100	100	113.94	0.17	0.73	
2231	2251	35.4	100	100	279.56	0.41	3.83	
2232	2252	19.36	100	100	18.99	0.03	0.03	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
2233	2253	19.54	100	100	28.60	0.04	0.06	
2234	2254	8.99	150	100	54.26	0.04	0.02	
2235	2255	5.54	200	100	920.74	0.34	1.19	
2236	2256	19.07	400	100	4,244.46	0.39	0.69	
2237	2257	3.9	400	100	4,107.58	0.38	0.65	
2238	2258	33.49	80	100	80.55	0.19	1.13	
2239	2259	26.81	300	100	1,143.02	0.19	0.25	
2240	2260	18.45	350	100	4,779.55	0.57	1.65	
2241	2261	256.26	500	100	7,326.06	0.43	0.64	
2242	2262	59.83	80	100	188.84	0.43	5.5	
2243	2263	80.38	80	100	73.01	0.17	0.95	
2244	2264	117.95	80	100	86.50	0.2	1.29	
2245	2265	63.33	80	100	139.74	0.32	3.15	
2246	2266	141.63	100	100	97.42	0.14	0.54	
2247	2267	38.81	100	100	45.90	0.07	0.13	
2248	2268	43.3	100	100	33.59	0.05	0.08	
2249	2269	59.44	100	100	50.64	0.07	0.16	
2250	2270	97.21	100	100	34.55	0.05	0.08	
2251	2271	131.05	100	100	156.83	0.23	1.31	
2252	2272	34.68	100	100	74.30	0.11	0.33	
2253	2273	265.88	150	100	371.18	0.24	0.9	
2254	2274	36.17	80	100	180.53	0.42	5.06	
2255	2275	113.62	80	100	60.88	0.14	0.68	
2256	2276	108.96	80	100	63.21	0.15	0.72	
2257	2277	45.07	100	100	349.81	0.52	5.8	
2258	2278	33.41	100	100	465.16	0.69	9.84	
2259	2279	215.15	80	100	185.14	0.43	5.3	
2260	2280	33.44	100	100	579.65	0.85	14.79	
2261	2281	39.54	100	100	266.62	0.39	3.51	
2262	2282	23.77	100	100	659.02	0.97	18.76	
2263	2283	34.46	80	100	78.42	0.18	1.08	
2264	2284	39.43	80	100	99.13	0.23	1.67	
2265	2285	93.13	100	100	178.16	0.26	1.66	
2266	2286	198.18	700	100	31,303.66	0.94	1.83	
2267	2287	32.35	350	100	4,993.26	0.6	1.79	
2268	2288	193.5	100	100	366.01	0.54	6.31	
2269	2289	77.09	150	100	1,235.21	0.81	8.33	
2270	2290	58.94	150	100	1,174.30	0.77	7.59	
2271	2291	15.34	100	100	517.20	0.76	11.98	
2272	2292	134.24	80	100	151.82	0.35	3.67	
2273	2293	201.02	200	100	637.44	0.23	0.6	
2274	2294	42.65	100	100	206.36	0.3	2.18	
2275	2295	43.89	100	100	60.16	0.09	0.22	
2276	2296	140.07	100	100	204.01	0.3	2.14	
2277	2297	55.78	100	100	60.40	0.09	0.22	
2278	2298	159.22	100	100	230.28	0.34	2.68	
2279	2299	175.3	100	100	114.96	0.17	0.74	
2280	2300	35.19	100	100	121.03	0.18	0.81	
2281	2301	99.12	100	100	284.48	0.42	3.96	
2282	2302	99.63	100	100	246.60	0.36	3.04	
2283	2303	103.88	100	100	366.81	0.54	6.34	
2284	2304	98.59	100	100	137.01	0.2	1.02	
2285	2305	141.37	150	100	707.77	0.46	2.97	
2286	2306	121.55	100	100	163.31	0.24	1.42	
2287	2307	89.73	100	100	138.33	0.2	1.04	
2288	2308	36.26	100	100	241.03	0.36	2.91	
2289	2309	104.99	100	100	59.16	0.09	0.22	
2290	2310	109.53	100	100	72.58	0.11	0.32	
2291	2311	68.08	100	100	21.13	0.03	0.03	
2292	2312	66.09	150	100	596.56	0.39	2.16	
2293	2313	31.07	100	100	129.94	0.19	0.93	
2294	2314	158	150	100	46.48	0.03	0.02	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
2295	2315	86.82	150	100	1.352.52	0.89	9.86	
2296	2316	22.99	600	100	8.281.96	0.34	0.33	
2297	2317	11.08	100	100	205.70	0.3	2.17	
2298	2318	315.34	500	100	6.499.22	0.38	0.51	
2299	2319	234.62	500	100	5.425.51	0.32	0.37	
2300	2320	206.56	300	100	1.329.14	0.22	0.33	
2301	2321	553.79	300	100	1.599.37	0.26	0.46	
2302	2322	81.8	200	100	290.88	0.11	0.14	
2303	2323	37.02	200	100	1.125.86	0.41	1.73	
2304	2324	225.3	400	100	6.771.42	0.62	1.64	
2305	2325	933.91	300	100	1.614.69	0.26	0.47	
2306	2326	187.7	600	100	13.078.41	0.54	0.77	
2307	2327	317.03	300	100	1.694.71	0.28	0.51	
2308	2328	131.06	100	100	30.72	0.05	0.06	
2309	2329	117.93	100	100	14.65	0.02	0.01	
2310	2330	30.06	200	100	263.15	0.1	0.12	
2311	2331	98.16	100	100	85.66	0.13	0.43	
2312	2332	97.58	100	100	7.51	0.01	0	
2313	2333	97.76	100	100	3.32	0	0	
2314	2334	98.2	100	100	16.61	0.02	0.02	
2315	2335	38.2	100	100	114.60	0.17	0.73	
2316	2336	40.04	100	100	93.63	0.14	0.51	
2317	2337	41.94	100	100	42.36	0.06	0.12	
2318	2338	26.64	100	100	163.42	0.24	1.42	
2319	2339	36.57	100	100	6.42	0.01	0	
2320	2340	127.27	150	100	22.77	0.01	0.01	
2321	2341	21.27	200	100	196.37	0.07	0.07	
2322	2342	333.91	150	100	69.20	0.05	0.04	
2323	2343	120.84	200	100	2.182.99	0.8	5.89	
2324	2344	130.58	250	100	2.876.86	0.68	3.31	
2325	2345	131.02	250	100	2.244.87	0.53	2.09	
2326	2346	22.15	200	100	89.89	0.03	0.02	
2327	2347	74.08	150	100	0.37	0	0	
2328	2348	335.89	300	100	2.019.68	0.33	0.71	
2329	2349	135.88	200	100	952.79	0.35	1.27	
2330	2350	135.01	150	100	382.25	0.25	0.95	
2331	2351	37.47	100	100	127.67	0.19	0.9	
2332	2352	39.03	100	100	44.52	0.07	0.13	
2333	2353	43.16	200	100	532.72	0.2	0.43	
2334	2354	42.32	80	100	279.37	0.64	11.35	
2335	2355	185.1	80	100	68.84	0.16	0.85	
2336	2356	83.31	150	100	0.00	0	0	
2337	2357	33.57	150	100	507.78	0.33	1.61	
2338	2358	32.65	300	100	1.245.77	0.2	0.29	
2339	2359	35.18	300	100	2.002.13	0.33	0.7	
2340	2360	12.89	300	100	2.285.11	0.37	0.89	
2341	2361	156.02	100	100	34.35	0.05	0.08	
2342	2362	28.7	150	100	67.41	0.04	0.04	
2343	2363	39.52	1500	100	2.181.18	0.01	0	
2344	2364	92.71	1500	100	476.64	0	0	
2345	2365	135.32	1500	100	2.285.11	0.01	0	
2346	2366	35.1	100	100	208.13	0.31	2.22	
2347	2367	40.89	100	100	73.90	0.11	0.33	
2348	2368	191.93	200	100	259.46	0.1	0.11	
2349	2369	12.68	200	100	0.00	0	0	
2350	2370	65.72	100	100	478.19	0.7	10.36	
2351	2371	140.39	80	100	176.08	0.41	4.83	
2352	2372	26.02	100	100	575.89	0.85	14.61	
2353	2373	145.56	100	100	240.07	0.35	2.89	
2354	2374	36.78	200	100	2.91	0	0	
2355	2375	70.31	350	100	4.381.78	0.53	1.4	
2356	2376	39.17	350	100	4.672.16	0.56	1.58	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
2357	2377	171.91	1100	100	120.983.70	1.47	2.47	
2358	2378	77.11	300	100	206.38	0.03	0.01	
2359	2379	72.5	80	100	55.72	0.13	0.57	
2360	2380	161.2	150	100	521.45	0.34	1.69	
2361	2381	116.27	80	100	93.83	0.22	1.5	
2362	2382	74.47	150	100	93.39	0.06	0.07	
2363	2383	70.32	150	100	267.46	0.18	0.49	
2364	2384	136.45	100	100	125.24	0.18	0.87	
2365	2385	118.25	150	100	635.65	0.42	2.43	
2366	2386	185.74	100	100	183.39	0.27	1.76	
2367	2387	134.86	150	100	251.42	0.16	0.44	
2368	2388	210.21	100	100	23.87	0.04	0.04	
2369	2389	82.27	100	100	134.77	0.2	0.99	
2370	2390	74.04	100	100	222.37	0.33	2.51	
2371	2391	79.39	250	100	613.20	0.14	0.19	
2372	2392	288.73	250	100	404.29	0.1	0.09	
2373	2393	431.65	250	100	435.14	0.1	0.1	
2374	2394	343.3	100	100	110.66	0.16	0.69	
2375	2395	75.73	150	100	271.32	0.18	0.5	
2376	2396	18.58	150	100	162.30	0.11	0.19	
2377	2397	27.78	150	100	547.25	0.36	1.84	
2378	2398	138.83	150	100	670.37	0.44	2.69	
2379	2399	187.89	100	100	78.31	0.12	0.36	
2380	2400	116.61	100	100	166.08	0.24	1.46	
2381	2401	72.09	200	100	900.86	0.33	1.14	
2382	2402	112.87	200	100	1,175.32	0.43	1.87	
2383	2403	278.48	250	100	1,357.12	0.32	0.82	
2384	2404	151.46	250	100	29.55	0.01	0	
2385	2405	74.53	150	100	492.67	0.32	1.52	
2386	2406	147.16	200	100	4,626.04	1.7	23.67	
2387	2407	292.75	1350	100	131,537.20	1.06	1.06	
2388	2408	62.46	250	100	385.98	0.09	0.08	
2389	2409	120.82	250	100	27.98	0.01	0	
2390	2410	316.02	1500	100	180,409.50	1.18	1.14	
2391	2411	74.09	1800	100	180,611.50	0.82	0.47	
2392	2412	93.53	80	100	7.38	0.02	0.01	
2393	2413	680.17	1100	100	172,016.00	2.09	4.75	
2394	2414	65.75	150	100	312.89	0.2	0.66	
2395	2415	166.58	80	100	16.45	0.04	0.06	
2396	2416	133.2	1100	100	170,461.50	2.08	4.67	
2397	2417	354.78	200	100	64.32	0.02	0.01	
2398	2418	119.27	150	100	0.94	0	0	
2399	2419	68.62	100	100	39.18	0.06	0.1	
2400	2420	398.24	2400	100	484,313.20	1.24	0.72	
2401	2422	191.16	100	100	88.85	0.13	0.46	
2402	2423	147.03	300	100	919.33	0.15	0.16	
2403	2424	68.81	80	100	668.95	1.54	57.18	
2404	2425	104.25	80	100	0.85	0	0	
2405	2426	80.68	80	100	120.77	0.28	2.4	
2406	2427	101.25	150	100	1,059.93	0.69	6.28	
2407	2428	202.4	80	100	48.71	0.11	0.45	
2408	2429	219.28	80	100	48.76	0.11	0.45	
2409	2430	211.08	80	100	50.03	0.12	0.47	
2410	2431	54.81	150	100	2,391.29	1.57	28.32	
2411	2432	146.7	80	100	91.65	0.21	1.44	
2412	2433	66.24	80	100	200.06	0.46	6.12	
2413	2434	65.6	150	100	1,285.90	0.84	8.98	
2414	2435	187.7	80	100	114.91	0.26	2.19	
2415	2436	254.08	80	100	57.38	0.13	0.61	
2416	2437	52.51	80	100	45.41	0.1	0.39	
2417	2438	55.83	80	100	107.52	0.25	1.94	
2418	2439	37.74	80	100	95.87	0.22	1.57	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
2419	2440	91.14	80	100	8.11	0.02	0.02	
2420	2441	33.02	80	100	64.95	0.15	0.76	
2421	2442	61.9	80	100	2.35	0.01	0	
2422	2443	41.07	80	100	144.76	0.33	3.36	
2423	2444	47.78	80	100	108.29	0.25	1.96	
2424	2445	38	80	100	50.85	0.12	0.48	
2425	2446	58.77	80	100	22.22	0.05	0.1	
2426	2447	65.49	80	100	111.68	0.26	2.08	
2427	2448	144.75	80	100	82.46	0.19	1.18	
2428	2449	34.78	80	100	94.30	0.22	1.52	
2429	2450	38.2	80	100	28.09	0.06	0.16	
2430	2451	110.19	80	100	13.19	0.03	0.04	
2431	2452	35.03	80	100	58.55	0.13	0.63	
2432	2453	56.6	80	100	66.37	0.15	0.79	
2433	2454	39.64	80	100	2.57	0.01	0	
2434	2455	67.04	80	100	55.63	0.13	0.57	
2435	2456	40.6	80	100	13.73	0.03	0.04	
2436	2457	108.78	80	100	11.21	0.03	0.03	
2437	2458	106.11	80	100	57.14	0.13	0.6	
2438	2459	97.49	80	100	56.70	0.13	0.59	
2439	2460	47.12	80	100	34.95	0.08	0.24	
2440	2461	137.65	80	100	53.64	0.12	0.53	
2441	2462	124.79	80	100	355.82	0.82	17.76	
2442	2463	193.7	80	100	4.99	0.01	0.01	
2443	2464	72.86	80	100	12.69	0.03	0.04	
2444	2465	72.24	80	100	58.53	0.13	0.63	
2445	2466	69.63	80	100	53.14	0.12	0.53	
2446	2467	153.1	80	100	76.66	0.18	1.03	
2447	2468	106.63	80	100	30.82	0.07	0.19	
2448	2469	963.3	700	100	63.759.98	1.92	6.83	
2449	16696	325.98	700	100	62.518.89	1.88	6.58	
2450	2470	105.62	600	100	36.791.94	1.51	5.22	
2451	2471	144.03	600	100	37.462.34	1.53	5.4	
2452	2472	108.78	600	100	39.193.74	1.6	5.87	
2453	2473	685.25	400	100	0.00	0	0	
2454	2474	99.19	400	100	7.183.78	0.66	1.83	
2455	2475	83.28	350	100	3.831.63	0.46	1.09	
2456	2476	104.95	350	100	5.281.44	0.64	1.98	
2457	2477	56.2	350	100	2.796.07	0.34	0.61	
2458	2478	303.53	350	100	3.066.73	0.37	0.72	
2459	2479	52.05	350	100	2.749.82	0.33	0.59	
2460	2480	206.45	350	100	5.062.15	0.61	1.83	
2461	2481	9.5	350	100	5.175.67	0.62	1.91	
2462	2482	38.63	350	100	3.764.98	0.45	1.06	
2463	2483	87.45	300	100	1.455.93	0.24	0.39	
2464	2484	28.92	300	100	135.32	0.02	0	
2465	2485	96.74	300	100	25.86	0	0	
2466	2486	103.08	300	100	2.808.72	0.46	1.3	
2467	2487	33.3	300	100	2.002.13	0.33	0.7	
2468	2488	34.28	300	100	1.499.60	0.25	0.41	
2469	2489	48.96	300	100	2.174.88	0.36	0.81	
2470	2490	30.98	300	100	1.028.44	0.17	0.2	
2471	2491	27.32	300	100	768.62	0.13	0.12	
2472	2492	38.17	300	100	1.242.01	0.2	0.29	
2473	2493	36.55	300	100	1.354.32	0.22	0.34	
2474	2494	40.41	300	100	1.089.26	0.18	0.23	
2475	2495	180.59	250	100	583.29	0.14	0.17	
2476	2496	65.4	250	100	27.98	0.01	0	
2477	2497	242.39	250	100	552.08	0.13	0.16	
2478	2498	91.25	250	100	38.59	0.01	0	
2479	2499	38.34	250	100	309.78	0.07	0.05	
2480	2500	33.96	250	100	203.82	0.05	0.02	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
2481	2501	59.64	250	100	237.81	0.06	0.03	
2482	2502	58.81	250	100	722.10	0.17	0.26	
2483	2503	174.39	2400	100	312.181.70	0.8	0.32	
2484	2504	97.88	200	100	718.50	0.26	0.75	
2485	2505	116.09	250	100	5.963.94	1.41	12.78	
2486	2506	70.85	200	100	83.48	0.03	0.01	
2487	2507	86.49	200	100	107.02	0.04	0.02	
2488	2508	32.33	200	100	55.01	0.02	0.01	
2489	2509	29.55	200	100	450.31	0.17	0.32	
2490	2510	39.75	200	100	263.62	0.1	0.12	
2491	2511	97.01	200	100	502.53	0.19	0.39	
2492	2512	56.03	200	100	105.95	0.04	0.02	
2493	2513	36.05	200	100	69.78	0.03	0.01	
2494	2514	275.69	200	100	1.653.65	0.61	3.52	
2495	2515	160.89	200	100	1.110.77	0.41	1.69	
2496	2516	107.19	200	100	289.41	0.11	0.14	
2497	2517	113.52	200	100	278.96	0.1	0.13	
2498	2518	130.33	200	100	950.01	0.35	1.26	
2499	2519	175.7	200	100	691.02	0.25	0.7	
2500	2520	254.44	200	100	813.82	0.3	0.95	
2501	2521	18.39	200	100	127.07	0.05	0.03	
2502	2522	77.62	200	100	2.130.70	0.78	5.63	
2503	2523	45.97	1800	100	312.161.90	1.42	1.3	
2504	2524	324.8	1500	100	171.596.00	1.12	1.04	
2505	2525	58.98	1500	100	17.223.68	0.11	0.01	
2506	2526	162.98	1500	100	116.34	0	0	
2507	2527	140.98	1500	100	177.587.60	1.16	1.11	
2508	2528	6.19	150	100	3.228.81	2.11	49.39	
2509	2529	77.51	150	100	287.19	0.19	0.56	
2510	2530	111.17	150	100	429.54	0.28	1.18	
2511	2531	73.73	150	100	605.44	0.4	2.22	
2512	2532	70.2	150	100	664.69	0.44	2.64	
2513	2533	15.43	150	100	366.37	0.24	0.88	
2514	2534	75.08	150	100	424.95	0.28	1.15	
2515	2535	129.16	150	100	735.90	0.48	3.19	
2516	2536	259.91	150	100	59.77	0.04	0.03	
2517	2537	87.76	150	100	212.99	0.14	0.32	
2518	2538	118.35	150	100	70.86	0.05	0.04	
2519	2539	116.81	150	100	104.35	0.07	0.09	
2520	2540	36.88	150	100	1.488.60	0.97	11.77	
2521	2541	57.89	150	100	828.73	0.54	3.98	
2522	2542	74.47	150	100	733.69	0.48	3.18	
2523	2543	93.4	150	100	23.71	0.02	0.01	
2524	2544	39.3	150	100	185.56	0.12	0.25	
2525	2545	70.33	150	100	1.243.48	0.81	8.44	
2526	2546	71.63	150	100	130.96	0.09	0.13	
2527	2547	78.64	150	100	542.54	0.36	1.82	
2528	2548	113.66	150	100	647.14	0.42	2.52	
2529	2549	27.7	150	100	1.152.37	0.75	7.33	
2530	2550	38.31	150	100	1.442.95	0.95	11.11	
2531	2551	19.51	200	100	3.414.47	1.26	13.49	
2532	2552	148.46	150	100	1.637.01	1.07	14.04	
2533	2553	37.16	150	100	444.14	0.29	1.25	
2534	2554	72.62	150	100	536.01	0.35	1.78	
2535	2555	79.81	150	100	895.34	0.59	4.59	
2536	2556	79.32	150	100	1.057.24	0.69	6.25	
2537	2557	53.04	150	100	1.023.27	0.67	5.88	
2538	2558	116.8	150	100	984.96	0.65	5.48	
2539	2559	96.3	150	100	209.77	0.14	0.31	
2540	2560	143.09	150	100	663.14	0.43	2.63	
2541	2561	98.2	150	100	137.75	0.09	0.14	
2542	2562	144.76	150	100	649.02	0.43	2.53	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
2543	2563	82.07	150	100	34.92	0.02	0.01	
2544	2564	193.67	150	100	379.76	0.25	0.94	
2545	2565	64.5	150	100	296.12	0.19	0.59	
2546	2566	65.32	150	100	74.73	0.05	0.05	
2547	2567	57.72	150	100	516.86	0.34	1.66	
2548	2568	136.65	150	100	119.69	0.08	0.11	
2549	2569	59.3	150	100	153.91	0.1	0.18	
2550	2570	54.09	150	100	69.77	0.05	0.04	
2551	2571	459.24	1350	100	131,537.20	1.06	1.06	
2552	2572	107.63	1100	100	119,631.20	1.46	2.42	
2553	2573	154.78	1100	100	122,179.20	1.49	2.52	
2554	2574	203.63	1100	100	118,966.80	1.45	2.4	
2555	2575	114.97	1100	100	118,530.00	1.44	2.38	
2556	2576	157.32	1100	100	117,909.90	1.44	2.36	
2557	2577	226.89	1100	100	171,275.30	2.09	4.71	
2558	2578	164.66	1000	100	62,518.89	0.92	1.16	
2559	2579	211	100	100	16.60	0.02	0.02	
2560	2580	229.62	100	100	18.98	0.03	0.03	
2561	2581	267.79	100	100	275.31	0.41	3.73	
2562	2582	167.94	100	100	188.76	0.28	1.85	
2563	2583	311.02	100	100	111.59	0.16	0.7	
2564	2584	29.46	100	100	503.02	0.74	11.37	
2565	2585	98.61	100	100	128.80	0.19	0.91	
2566	2586	87.11	100	100	63.72	0.09	0.25	
2567	2587	68.93	100	100	55.28	0.08	0.19	
2568	2588	64.07	100	100	261.32	0.39	3.38	
2569	2589	118.45	100	100	83.56	0.12	0.41	
2570	2590	90.83	100	100	47.99	0.07	0.15	
2571	2591	60.74	100	100	176.77	0.26	1.64	
2572	2592	140.35	100	100	88.94	0.13	0.46	
2573	2593	195.01	100	100	24.03	0.04	0.04	
2574	2594	73.86	100	100	61.47	0.09	0.23	
2575	2595	61.03	100	100	262.66	0.39	3.41	
2576	2596	59.66	100	100	417.35	0.62	8.05	
2577	2597	45.68	100	100	178.53	0.26	1.67	
2578	2598	142.71	100	100	295.13	0.43	4.24	
2579	2599	200.86	150	100	1,140.23	0.75	7.18	
2580	2600	312.93	100	100	44.31	0.07	0.13	
2581	2601	87.78	100	100	0.00	0	0	
2582	2602	118.88	100	100	2.99	0	0	
2583	2603	146.13	100	100	31.83	0.05	0.07	
2584	2604	121.25	100	100	4.36	0.01	0	
2585	2605	31.61	100	100	17.60	0.03	0.02	
2586	2606	34.61	100	100	27.64	0.04	0.05	
2587	2607	113.39	100	100	332.17	0.49	5.27	
2588	2608	79.09	100	100	746.98	1.1	23.66	
2589	2609	109.79	100	100	19.17	0.03	0.03	
2590	2610	79.63	100	100	0.00	0	0	
2591	2611	41.06	100	100	36.17	0.05	0.09	
2592	2612	79.92	100	100	79.32	0.12	0.37	
2593	2613	151	100	100	652.04	0.96	18.39	
2594	2614	178.08	100	100	396.42	0.58	7.32	
2595	2615	149.36	100	100	645.16	0.95	18.03	
2596	2616	74.14	100	100	3.77	0.01	0	
2597	2617	93.5	100	100	113.66	0.17	0.72	
2598	2618	123.17	100	100	54.14	0.08	0.18	
2599	2619	32.36	100	100	294.10	0.43	4.21	
2600	2620	194.65	100	100	339.11	0.5	5.48	
2601	2621	125.51	100	100	292.55	0.43	4.17	
2602	2622	228.62	100	100	92.14	0.14	0.49	
2603	2623	48.5	100	100	189.26	0.28	1.86	
2604	2624	55.94	100	100	225.83	0.33	2.58	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
2605	2625	152.78	100	100	170.71	0.25	1.54	
2606	2626	169.53	100	100	125.05	0.18	0.86	
2607	2627	130.14	100	100	164.91	0.24	1.44	
2608	2628	149.36	100	100	105.44	0.16	0.63	
2609	2629	206.68	100	100	122.07	0.18	0.83	
2610	2630	128.05	100	100	121.80	0.18	0.82	
2611	2631	15.71	100	100	509.50	0.75	11.65	
2612	2632	35.19	100	100	173.70	0.26	1.59	
2613	2633	126.42	100	100	177.74	0.26	1.66	
2614	2634	76.78	100	100	302.66	0.45	4.44	
2615	2635	83.14	100	100	36.18	0.05	0.09	
2616	2636	148.39	100	100	651.15	0.96	18.35	
2617	2637	136.71	100	100	106.48	0.16	0.64	
2618	2638	178.65	100	100	73.86	0.11	0.33	
2619	2639	115.95	100	100	36.14	0.05	0.09	
2620	2640	13.8	150	100	835.68	0.55	4.04	
2621	2641	6.62	150	100	330.29	0.22	0.73	
2622	2642	279.67	150	100	161.64	0.11	0.19	
2623	2643	69.01	150	100	170.12	0.11	0.21	
2624	2644	3.96	300	100	2,800.90	0.46	1.3	
2625	2645	78.13	300	100	1,804.95	0.3	0.57	
2626	2646	2.83	150	100	522.88	0.34	1.7	
2627	2647	233.71	400	100	2,708.49	0.25	0.3	
2628	2648	248.25	80	100	76.13	0.18	1.02	
2629	2649	193.71	150	100	50.58	0.03	0.02	
2630	2650	52.49	200	100	3,005.78	1.11	10.65	
2631	2651	469.65	300	100	1,698.56	0.28	0.51	
2632	2652	33.05	150	100	327.06	0.21	0.71	
2633	2653	35.74	150	100	514.11	0.34	1.64	
2634	2654	81.87	150	100	318.76	0.21	0.68	
2635	2655	43.6	100	100	97.80	0.14	0.55	
2636	2656	1.22	150	100	82.03	0.05	0.05	
2637	2657	480.22	400	100	1,959.14	0.18	0.16	
2638	2658	93.43	150	100	62.53	0.04	0.03	
2639	2659	7.29	300	100	2,967.33	0.49	1.44	
2640	2660	84.29	80	100	162.24	0.37	4.15	
2641	2661	13.42	300	100	2,892.12	0.47	1.38	
2642	2662	16.76	300	100	3,287.07	0.54	1.74	
2643	2663	1.6	300	100	5,139.74	0.84	3.99	
2644	2664	279	400	100	4,010.57	0.37	0.62	
2645	2665	1.65	150	100	1,702.28	1.11	15.09	
2646	2666	125.25	100	100	130.79	0.19	0.94	
2647	2667	153.82	80	100	39.03	0.09	0.3	
2648	2668	4.61	150	100	461.58	0.3	1.35	
2649	2669	105.67	80	100	97.46	0.22	1.61	
2650	2670	74.97	80	100	121.32	0.28	2.42	
2651	2671	10.44	100	100	619.95	0.91	16.75	
2652	2672	6.78	100	100	1,633.38	2.41	100.75	
2653	2673	4.9	250	100	113.09	0.03	0.01	
2654	2674	7.25	150	100	867.33	0.57	4.33	
2655	2675	3.64	100	100	1,697.89	2.5	108.24	
2656	2676	43.47	500	100	6,726.25	0.4	0.55	
2657	2677	27.24	500	100	22,515.88	1.33	5.11	
2658	2678	85.55	100	100	205.28	0.3	2.16	
2659	2679	59.03	100	100	97.21	0.14	0.54	
2660	2680	100.87	100	100	16.05	0.02	0.02	
2661	2681	14.77	1350	100	72,438.29	0.59	0.35	
2662	2682	5	350	100	3,472.01	0.42	0.91	
2663	2683	14.43	350	100	201.05	0.02	0.01	
2664	2684	4.32	350	100	4,090.10	0.49	1.23	
2665	2685	6.82	350	100	417.03	0.05	0.02	
2666	2686	41.54	100	100	31.84	0.05	0.07	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
2667	2687	123.29	150	100	40.04	0.03	0.01	
2668	2688	10.01	250	100	48.15	0.01	0	
2669	2689	143.66	150	100	6.40	0	0	
2670	2690	5.13	150	100	479.50	0.31	1.45	
2671	2691	85.06	100	100	16.60	0.02	0.02	
2672	2692	4.6	200	100	1.165.62	0.43	1.84	
2673	2693	2.38	250	100	3.207.14	0.76	4.05	
2674	2694	320.85	900	100	753.77	0.01	0	
2675	2695	64.05	800	100	8.541.17	0.2	0.09	
2676	2696	214.79	800	100	4.319.52	0.1	0.02	
2677	2697	127.8	800	100	5.654.79	0.13	0.04	
2678	2698	84.25	80	100	8.27	0.02	0.02	
2679	2699	56.8	80	100	29.13	0.07	0.17	
2680	2700	32.94	80	100	10.17	0.02	0.02	
2681	2701	205.9	80	100	19.21	0.04	0.08	
2682	2702	82.04	80	100	209.04	0.48	6.63	
2683	2703	114.94	80	100	5.46	0.01	0.01	
2684	2704	28.27	80	100	25.35	0.06	0.13	
2685	2705	54.13	80	100	22.56	0.05	0.11	
2686	2706	78.53	80	100	90.87	0.21	1.42	
2687	2707	57.91	80	100	236.20	0.54	8.32	
2688	2708	120.16	80	100	55.19	0.13	0.56	
2689	2709	119.01	80	100	82.58	0.19	1.19	
2690	2710	57.85	80	100	15.51	0.04	0.05	
2691	2711	58	80	100	13.83	0.03	0.04	
2692	2712	27.81	80	100	181.27	0.42	5.09	
2693	2713	134.67	80	100	83.60	0.19	1.21	
2694	2714	34.86	80	100	92.80	0.21	1.47	
2695	2715	33.18	80	100	59.71	0.14	0.65	
2696	2716	40.34	80	100	202.67	0.47	6.26	
2697	2717	28.78	80	100	63.15	0.15	0.72	
2698	2718	102.27	80	100	113.15	0.26	2.13	
2699	2719	103.15	80	100	47.16	0.11	0.42	
2700	2720	146.26	80	100	41.14	0.09	0.33	
2701	2721	108.12	80	100	92.06	0.21	1.45	
2702	2722	117.38	80	100	85.47	0.2	1.27	
2703	2723	96.41	80	100	46.88	0.11	0.42	
2704	2724	36.41	80	100	77.28	0.18	1.05	
2705	2725	42.48	80	100	90.61	0.21	1.41	
2706	2726	128.25	80	100	88.72	0.2	1.36	
2707	2727	37.4	80	100	81.92	0.19	1.17	
2708	2728	38.58	80	100	347.75	0.8	17.02	
2709	2729	35.79	80	100	232.62	0.54	8.09	
2710	2730	43.24	80	100	351.42	0.81	17.36	
2711	2731	126.85	80	100	15.70	0.04	0.05	
2712	2732	141.46	80	100	37.76	0.09	0.28	
2713	2733	41.19	80	100	22.23	0.05	0.1	
2714	2734	39.61	80	100	75.79	0.17	1.01	
2715	2735	125.63	80	100	79.63	0.18	1.11	
2716	2736	247.88	100	100	67.05	0.1	0.27	
2717	2737	131.92	80	100	62.73	0.14	0.71	
2718	2738	115.6	80	100	82.86	0.19	1.2	
2719	2739	68.4	80	100	41.94	0.1	0.34	
2720	2740	195.15	80	100	2.33	0.01	0	
2721	2741	108.5	80	100	108.67	0.25	1.97	
2722	2742	53.6	80	100	18.83	0.04	0.08	
2723	2743	37.17	80	100	51.28	0.12	0.49	
2724	2744	107.47	100	100	23.82	0.04	0.04	
2725	2745	101.38	80	100	45.38	0.1	0.39	
2726	2746	91.05	80	100	208.34	0.48	6.59	
2727	2747	145.85	80	100	1.54	0	0	
2728	2748	188.81	80	100	75.48	0.17	1.01	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
2729	2749	98.71	80	100	48.75	0.11	0.45	
2730	2750	123.05	80	100	7.92	0.02	0.02	
2731	2751	186.37	80	100	11.87	0.03	0.03	
2732	2752	120.31	80	100	23.15	0.05	0.09	
2733	2753	136.55	80	100	21.17	0.05	0.1	
2734	2754	152.75	150	100	48.43	0.03	0.02	
2735	2755	121.98	80	100	1.50	0	0	
2736	2756	53.96	700	100	26.775.72	0.81	1.37	
2737	2757	140.26	700	100	28.947.35	0.87	1.58	
2738	2758	64.36	700	100	27.024.20	0.81	1.39	
2739	2759	44.48	700	100	28.731.25	0.86	1.56	
2740	2760	229.09	700	100	5.573.84	0.17	0.07	
2741	2761	107.08	600	100	7.482.12	0.31	0.27	
2742	2762	114.39	600	100	13.606.67	0.56	0.83	
2743	2763	115.17	600	100	31.331.90	1.28	3.88	
2744	2764	43.26	600	100	6.256.20	0.26	0.2	
2745	2765	63.71	600	100	1.605.94	0.07	0.02	
2746	2766	205.49	600	100	1.307.52	0.05	0.01	
2747	2767	243.6	600	100	4.244.78	0.17	0.1	
2748	2768	148.39	600	100	0.00	0	0	
2749	2769	108.51	600	100	204.94	0.01	0	
2750	2770	126.71	600	100	574.54	0.02	0	
2751	2771	59.09	600	100	1.740.15	0.07	0.02	
2752	2772	84.72	600	100	85.71	0	0	
2753	2773	477.52	600	100	8.871.43	0.36	0.37	
2754	2774	868.64	500	100	1.570.60	0.09	0.04	
2755	2775	240.73	500	100	15.281.15	0.9	2.49	
2756	2776	168.37	500	100	15.496.88	0.91	2.56	
2757	2777	643.56	500	100	4.175.50	0.25	0.23	
2758	2778	312.53	500	100	8.973.57	0.53	0.93	
2759	2779	1413.72	500	100	740.01	0.04	0.01	
2760	2780	402.47	500	100	7.677.94	0.45	0.7	
2761	2781	225.92	500	100	16.238.77	0.96	2.79	
2762	2782	202.44	500	100	11.001.73	0.65	1.36	
2763	2783	63.3	500	100	10.478.85	0.62	1.24	
2764	2784	9.95	500	100	6.757.20	0.4	0.55	
2765	2785	42.01	500	100	15.442.68	0.91	2.54	
2766	2786	139.55	500	100	15.724.85	0.93	2.63	
2767	2787	212.47	500	100	16.864.66	0.99	2.99	
2768	2788	188.28	500	100	6.178.32	0.36	0.47	
2769	2789	217.73	400	100	3.179.13	0.29	0.4	
2770	2790	66.64	400	100	1.392.84	0.13	0.09	
2771	2791	60.4	400	100	1.282.12	0.12	0.07	
2772	2792	68.57	400	100	475.55	0.04	0.01	
2773	2793	237.72	400	100	6.505.68	0.6	1.52	
2774	2794	67.22	400	100	3.626.29	0.33	0.52	
2775	2795	151.15	400	100	3.192.38	0.29	0.41	
2776	2796	278.63	400	100	1.825.63	0.17	0.14	
2777	2797	484.4	300	100	1.550.47	0.25	0.43	
2778	2798	81.47	400	100	1.759.63	0.16	0.14	
2779	2799	131.87	400	100	1.434.81	0.13	0.09	
2780	2800	113.2	400	100	1.588.20	0.15	0.11	
2781	2801	207.9	400	100	1.538.05	0.14	0.11	
2782	2802	79.5	400	100	1.515.10	0.14	0.1	
2783	2803	146.37	400	100	3.682.90	0.34	0.53	
2784	2804	104.56	400	100	3.396.83	0.31	0.46	
2785	2805	142.68	400	100	2.010.40	0.19	0.17	
2786	2806	5.92	400	100	1.633.38	0.15	0.12	
2787	2807	128.32	400	100	1.459.46	0.13	0.1	
2788	2808	21.52	400	100	4.171.59	0.38	0.67	
2789	2809	155.49	400	100	6.607.99	0.61	1.57	
2790	2810	131.43	400	100	4.897.32	0.45	0.9	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
2791	2811	932.9	400	100	0.00	0	0	
2792	2812	49.69	400	100	431.58	0.04	0.01	
2793	2813	221.71	400	100	3.557.54	0.33	0.5	
2794	2814	285.4	400	100	2.304.66	0.21	0.22	
2795	2815	143.29	400	100	3.725.93	0.34	0.54	
2796	2816	53.07	400	100	3.286.86	0.3	0.43	
2797	2817	822.27	400	100	705.58	0.06	0.02	
2798	2818	36.15	400	100	4.107.58	0.38	0.65	
2799	2819	20.98	400	100	4.051.20	0.37	0.63	
2800	2820	340.6	400	100	1.959.05	0.18	0.16	
2801	2821	25.22	400	100	286.30	0.03	0	
2802	2822	20.99	400	100	5.031.16	0.46	0.94	
2803	2823	29.17	400	100	2.279.69	0.21	0.22	
2804	2824	63.36	400	100	2.883.15	0.27	0.34	
2805	2825	122.6	400	100	2.128.05	0.2	0.19	
2806	2826	486.21	400	100	3.683.87	0.34	0.53	
2807	2827	278.3	400	100	1.618.74	0.15	0.12	
2808	2828	477.91	400	100	3.065.90	0.28	0.38	
2809	2829	128.51	400	100	4.556.88	0.42	0.79	
2810	2830	126.73	400	100	4.692.31	0.43	0.83	
2811	2831	25.44	400	100	5.747.16	0.53	1.21	
2812	2832	81.24	400	100	5.492.46	0.51	1.11	
2813	2833	260.38	400	100	5.008.92	0.46	0.94	
2814	2834	42.46	350	100	1.775.44	0.21	0.26	
2815	2835	43.74	400	100	2.999.40	0.28	0.36	
2816	2836	125.57	350	100	2.145.94	0.26	0.37	
2817	2837	76.51	350	100	365.03	0.04	0.01	
2818	2838	99.47	350	100	3.673.06	0.44	1.01	
2819	2839	91.37	350	100	2.705.40	0.33	0.57	
2820	2840	77.4	350	100	2.513.51	0.3	0.5	
2821	2841	68.39	350	100	2.351.23	0.28	0.44	
2822	2842	45.57	350	100	631.95	0.08	0.04	
2823	2843	25.48	350	100	7.003.73	0.84	3.34	
2824	2844	439.78	300	100	1.716.94	0.28	0.52	
2825	2845	313.86	300	100	5.127.90	0.84	3.98	
2826	2846	436.42	300	100	274.18	0.04	0.02	
2827	2847	349.27	300	100	3.068.15	0.5	1.54	
2828	2848	134.37	300	100	3.048.14	0.5	1.52	
2829	2849	30.74	300	100	3.305.30	0.54	1.76	
2830	2850	109.63	300	100	2.701.65	0.44	1.21	
2831	2851	42.69	300	100	2.683.04	0.44	1.2	
2832	2852	24.98	300	100	1.174.36	0.19	0.26	
2833	2853	15.16	300	100	684.28	0.11	0.1	
2834	2854	36.16	300	100	1.910.19	0.31	0.64	
2835	2855	166.61	300	100	448.29	0.07	0.04	
2836	2856	319.85	150	100	116.21	0.08	0.1	
2837	2857	626.26	300	100	4.755.73	0.78	3.46	
2838	2858	967.29	300	100	3.821.12	0.63	2.31	
2839	2859	181.98	300	100	1.277.34	0.21	0.3	
2840	2860	20.33	300	100	2.000.46	0.33	0.7	
2841	2861	219.49	300	100	1.871.10	0.31	0.61	
2842	2862	249.96	300	100	2.514.71	0.41	1.06	
2843	2863	123.15	300	100	1.014.26	0.17	0.2	
2844	2864	35.93	300	100	2.215.24	0.36	0.84	
2845	2865	111.54	300	100	2.215.24	0.36	0.84	
2846	2866	160.32	300	100	2.215.24	0.36	0.84	
2847	2867	496.47	300	100	1.316.65	0.22	0.32	
2848	2868	402.7	300	100	629.13	0.1	0.08	
2849	2869	501.11	300	100	348.53	0.06	0.03	
2850	2870	268.79	300	100	2.310.46	0.38	0.91	
2851	2871	64.83	300	100	1.393.55	0.23	0.36	
2852	2872	268.51	300	100	1.860.80	0.3	0.61	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
2853	2873	146.62	300	100	869.64	0.14	0.15	
2854	2874	171.18	300	100	3,936.24	0.64	2.44	
2855	2875	96.41	300	100	253.78	0.04	0.02	
2856	2876	472.54	300	100	1,383.92	0.23	0.35	
2857	2877	134.22	300	100	1,712.84	0.28	0.52	
2858	2878	277.39	300	100	521.70	0.09	0.06	
2859	2879	43.19	300	100	579.52	0.09	0.07	
2860	2880	274.92	300	100	2,004.96	0.33	0.7	
2861	2881	99.11	300	100	3,993.40	0.65	2.5	
2862	2882	192.89	300	100	413.76	0.07	0.04	
2863	2883	285.57	300	100	519.44	0.09	0.06	
2864	2884	432.79	300	100	1,196.83	0.2	0.27	
2865	2885	57.48	300	100	1,359.66	0.22	0.34	
2866	2886	138.43	300	100	1,277.63	0.21	0.3	
2867	2887	333.26	300	100	187.36	0.03	0.01	
2868	2888	482.07	300	100	2,043.98	0.33	0.72	
2869	2889	176.13	300	100	1,526.14	0.25	0.42	
2870	2890	238.96	300	100	649.41	0.11	0.09	
2871	2891	434.25	300	100	1,315.95	0.22	0.32	
2872	2892	281.26	300	100	1,264.24	0.21	0.3	
2873	2893	124.3	400	100	1,576.55	0.15	0.11	
2874	2894	250.04	300	100	2,171.78	0.36	0.81	
2875	2895	219.79	300	100	1,340.47	0.22	0.33	
2876	2896	369.05	300	100	254.03	0.04	0.02	
2877	2897	69.9	300	100	2,950.82	0.48	1.43	
2878	2898	144.28	300	100	793.82	0.13	0.13	
2879	2899	296.31	300	100	2,623.38	0.43	1.15	
2880	2900	71.77	300	100	4,094.53	0.67	2.62	
2881	2901	86.3	300	100	2,569.73	0.42	1.11	
2882	2902	228.98	300	100	2,594.40	0.42	1.13	
2883	2903	68.93	300	100	2,601.50	0.43	1.13	
2884	2904	209.26	300	100	1,923.57	0.31	0.65	
2885	2905	38.08	300	100	262.63	0.04	0.02	
2886	2906	98.1	300	100	1,860.40	0.3	0.61	
2887	2907	104.02	300	100	891.06	0.15	0.16	
2888	2908	112.47	300	100	3,801.74	0.62	2.28	
2889	2909	91.23	300	100	6,261.73	1.03	5.75	
2890	2910	95.27	300	100	5,372.93	0.88	4.33	
2891	2911	133.9	300	100	3,454.80	0.57	1.91	
2892	2912	119.09	300	100	3,383.14	0.55	1.84	
2893	2913	106.35	300	100	1,200.18	0.2	0.27	
2894	2914	31.24	300	100	4,524.45	0.74	3.15	
2895	2915	199.21	300	100	1,221.48	0.2	0.28	
2896	2916	101.53	300	100	1,402.31	0.23	0.36	
2897	2917	11.37	250	100	832.45	0.2	0.33	
2898	2918	113.72	250	100	262.22	0.06	0.04	
2899	2919	84.36	250	100	65.91	0.02	0	
2900	2920	28.58	250	100	35.07	0.01	0	
2901	2921	95.84	250	100	2,461.52	0.58	2.48	
2902	2922	114.23	250	100	946.98	0.22	0.42	
2903	2923	70.95	250	100	3,063.32	0.72	3.72	
2904	2924	112.33	250	100	1,625.86	0.38	1.15	
2905	2925	80.9	250	100	277.32	0.07	0.04	
2906	2926	89.94	250	100	353.65	0.08	0.07	
2907	2927	105.87	250	100	222.20	0.05	0.03	
2908	2928	113.14	250	100	2.16	0	0	
2909	2929	59.01	250	100	19.22	0	0	
2910	2930	146.8	250	100	158.82	0.04	0.02	
2911	2931	78.46	250	100	307.21	0.07	0.05	
2912	2932	78.24	250	100	373.68	0.09	0.08	
2913	2933	115.34	350	100	151.13	0.02	0	
2914	2934	124.23	250	100	187.15	0.04	0.02	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
2915	2935	98.49	250	100	44.90	0.01	0	
2916	2936	90.52	250	100	94.52	0.02	0.01	
2917	2937	56.16	250	100	194.95	0.05	0.02	
2918	2938	55.01	250	100	135.12	0.03	0.01	
2919	2939	46.56	250	100	242.81	0.06	0.03	
2920	2940	47.51	250	100	331.56	0.08	0.06	
2921	2941	183.89	250	100	312.89	0.07	0.05	
2922	2942	14.66	250	100	3,436.94	0.81	4.61	
2923	2943	11.23	250	100	2,834.59	0.67	3.22	
2924	2944	112.85	250	100	372.55	0.09	0.08	
2925	2945	119.23	250	100	528.39	0.12	0.14	
2926	2946	125.06	250	100	1,036.93	0.24	0.5	
2927	2947	137.96	250	100	894.53	0.21	0.38	
2928	2948	114.73	250	100	592.43	0.14	0.18	
2929	2949	139.87	250	100	811.01	0.19	0.32	
2930	2950	66.6	250	100	39.34	0.01	0	
2931	2951	147.66	250	100	522.74	0.12	0.14	
2932	2952	101.52	250	100	182.42	0.04	0.02	
2933	2953	233.1	250	100	1,805.21	0.43	1.4	
2934	2954	16.85	250	100	495.04	0.12	0.13	
2935	2955	52.37	250	100	512.08	0.12	0.14	
2936	2956	363.72	200	100	249.24	0.09	0.11	
2937	2957	299.14	200	100	1,118.92	0.41	1.71	
2938	2958	88.11	200	100	233.73	0.09	0.09	
2939	2959	73.36	200	100	76.51	0.03	0.01	
2940	2960	133.35	200	100	189.92	0.07	0.06	
2941	2961	88.48	200	100	1,072.75	0.4	1.58	
2942	2962	71.26	200	100	712.01	0.26	0.74	
2943	2963	205.22	200	100	1,215.03	0.45	1.99	
2944	2964	473.95	200	100	150.14	0.06	0.04	
2945	2965	99.85	200	100	827.64	0.3	0.98	
2946	2966	35.07	200	100	1,188.10	0.44	1.91	
2947	2967	121.17	200	100	1,971.61	0.73	4.88	
2948	2968	36.98	200	100	2,107.90	0.78	5.52	
2949	2969	113.47	200	100	405.06	0.15	0.26	
2950	2970	39.83	200	100	410.58	0.15	0.27	
2951	2971	36.43	200	100	302.21	0.11	0.15	
2952	2972	97.96	200	100	538.96	0.2	0.44	
2953	2973	137.93	200	100	132.33	0.05	0.03	
2954	2974	35.72	200	100	2,499.61	0.92	7.57	
2955	2975	228.88	200	100	2,773.29	1.02	9.18	
2956	2976	98.25	200	100	3,482.91	1.28	13.99	
2957	2977	52.01	200	100	2,714.02	1	8.82	
2958	2978	257.97	200	100	528.40	0.19	0.43	
2959	2979	261.55	200	100	2,058.99	0.76	5.29	
2960	2980	82.36	200	100	1,181.00	0.44	1.89	
2961	2981	269.91	200	100	352.37	0.13	0.2	
2962	2982	225.82	200	100	214.55	0.08	0.08	
2963	2983	107.47	200	100	2,514.51	0.93	7.65	
2964	2984	101.38	200	100	2,194.44	0.81	5.95	
2965	2985	92.28	200	100	368.10	0.14	0.22	
2966	2986	364.25	200	100	76.65	0.03	0.01	
2967	2987	275.71	200	100	952.93	0.35	1.27	
2968	2988	39.06	200	100	107.38	0.04	0.02	
2969	2989	72.6	200	100	448.01	0.17	0.31	
2970	2990	91.61	200	100	1,237.57	0.46	2.06	
2971	2991	46.87	200	100	125.06	0.05	0.03	
2972	2992	37.99	200	100	86.80	0.03	0.02	
2973	2993	69.91	200	100	228.71	0.08	0.09	
2974	2994	25.46	200	100	818.47	0.3	0.96	
2975	2995	294.19	200	100	447.14	0.16	0.31	
2976	2996	56.2	200	100	608.32	0.22	0.55	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
2977	2997	424.36	200	100	388.11	0.14	0.24	
2978	2998	150.81	200	100	741.99	0.27	0.8	
2979	2999	195.71	200	100	322.20	0.12	0.17	
2980	3000	165.81	200	100	706.06	0.26	0.73	
2981	3001	33.79	200	100	1,490.77	0.55	2.91	
2982	3002	61.82	150	100	183.08	0.12	0.24	
2983	3003	56.88	150	100	236.77	0.16	0.39	
2984	3004	123.31	150	100	167.86	0.11	0.21	
2985	3005	205.67	150	100	84.83	0.06	0.06	
2986	3006	124.47	150	100	3.95	0	0	
2987	3007	380.63	150	100	318.50	0.21	0.68	
2988	3008	28.34	150	100	482.09	0.32	1.46	
2989	3009	155.92	150	100	612.85	0.4	2.28	
2990	3010	35.4	150	100	41.70	0.03	0.02	
2991	3011	61.12	150	100	802.17	0.53	3.75	
2992	3012	333.91	150	100	182.57	0.12	0.24	
2993	3013	537.82	150	100	49.37	0.03	0.02	
2994	3014	256.24	150	100	52.80	0.03	0.02	
2995	3015	159.91	150	100	535.51	0.35	1.77	
2996	3016	37.62	150	100	299.60	0.2	0.6	
2997	3017	37.52	150	100	201.42	0.13	0.29	
2998	3018	39.51	150	100	107.50	0.07	0.09	
2999	3019	41.45	150	100	140.59	0.09	0.15	
3000	3020	35.35	150	100	65.65	0.04	0.04	
3001	3021	285.43	150	100	364.21	0.24	0.87	
3002	3022	58.36	150	100	819.66	0.54	3.9	
3003	3023	271.94	150	100	167.61	0.11	0.2	
3004	3024	112.82	150	100	139.42	0.09	0.15	
3005	3025	54.41	150	100	244.68	0.16	0.42	
3006	3026	103.11	150	100	141.69	0.09	0.15	
3007	3027	172.23	150	100	569.99	0.37	1.99	
3008	3028	31.6	150	100	347.55	0.23	0.8	
3009	3029	380.47	150	100	128.94	0.08	0.13	
3010	3030	111.3	150	100	554.26	0.36	1.89	
3011	3031	157.62	150	100	72.99	0.05	0.04	
3012	3032	60.17	150	100	556.64	0.36	1.9	
3013	3033	109.99	150	100	315.93	0.21	0.67	
3014	3034	19.94	150	100	31.61	0.02	0.01	
3015	3035	218.6	150	100	277.49	0.18	0.52	
3016	3036	91.69	150	100	589.58	0.39	2.12	
3017	3037	62.23	150	100	895.71	0.59	4.59	
3018	3038	18.58	150	100	215.88	0.14	0.33	
3019	3039	101.25	150	100	580.31	0.38	2.06	
3020	3040	154.33	150	100	152.01	0.1	0.17	
3021	3041	157.93	150	100	60.48	0.04	0.03	
3022	3042	55.3	150	100	462.74	0.3	1.35	
3023	3043	139.85	150	100	491.89	0.32	1.51	
3024	3044	131.62	150	100	185.85	0.12	0.25	
3025	3045	302.14	150	100	336.22	0.22	0.75	
3026	3046	115.43	150	100	626.70	0.41	2.37	
3027	3047	39.17	150	100	425.39	0.28	1.16	
3028	3048	473.41	150	100	113.25	0.07	0.1	
3029	3049	101.4	150	100	276.52	0.18	0.52	
3030	3050	193.09	150	100	405.60	0.27	1.06	
3031	3051	247.92	150	100	721.78	0.47	3.08	
3032	3052	192.73	150	100	116.86	0.08	0.11	
3033	3053	103.96	150	100	1,047.60	0.69	6.14	
3034	3054	103.73	150	100	991.63	0.65	5.55	
3035	3055	90.05	150	100	224.39	0.15	0.35	
3036	3056	192.12	150	100	51.84	0.03	0.02	
3037	3057	70.26	150	100	105.51	0.07	0.09	
3038	3058	123.46	150	100	118.59	0.08	0.11	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
3039	3059	42.35	150	100	323.06	0.21	0.7	
3040	3060	10.42	150	100	530.77	0.35	1.74	
3041	3061	177.38	150	100	291.86	0.19	0.58	
3042	3062	50.43	150	100	187.93	0.12	0.25	
3043	3063	374.41	150	100	8.72	0.01	0	
3044	3064	58.06	150	100	218.90	0.14	0.34	
3045	3065	42.74	150	100	299.80	0.2	0.61	
3046	3066	43.45	150	100	193.48	0.13	0.27	
3047	3067	81.5	150	100	199.51	0.13	0.28	
3048	3068	299.36	150	100	214.83	0.14	0.33	
3049	3069	78.86	150	100	176.47	0.12	0.23	
3050	3070	614.25	150	100	286.00	0.19	0.55	
3051	3071	249.28	150	100	69.84	0.05	0.04	
3052	3072	123.69	150	100	545.87	0.36	1.84	
3053	3073	20.6	150	100	551.43	0.36	1.87	
3054	3074	41.88	150	100	352.57	0.23	0.82	
3055	3075	45.33	150	100	148.57	0.1	0.16	
3056	3076	242.74	150	100	577.93	0.38	2.04	
3057	3077	29.87	150	100	635.34	0.42	2.43	
3058	3078	10.63	150	100	816.67	0.53	3.87	
3059	3079	100.99	150	100	752.14	0.49	3.32	
3060	3080	109.18	150	100	202.68	0.13	0.29	
3061	3081	69.71	150	100	703.87	0.46	2.94	
3062	3082	136.72	150	100	652.73	0.43	2.56	
3063	3083	65.87	150	100	700.32	0.46	2.91	
3064	3084	105.69	150	100	244.46	0.16	0.41	
3065	3085	176.98	150	100	228.28	0.15	0.37	
3066	3086	95.73	150	100	1,350.06	0.88	9.82	
3067	3087	122.66	150	100	984.23	0.64	5.47	
3068	3088	275.56	150	100	343.74	0.23	0.78	
3069	3089	139.59	150	100	280.99	0.18	0.54	
3070	3090	97.41	150	100	268.66	0.18	0.49	
3071	3091	97.67	150	100	386.66	0.25	0.97	
3072	3092	63.91	150	100	440.38	0.29	1.23	
3073	3093	71.21	150	100	429.20	0.28	1.18	
3074	3094	202	150	100	462.78	0.3	1.35	
3075	3095	73.25	150	100	608.68	0.4	2.25	
3076	3096	121.74	150	100	363.91	0.24	0.87	
3077	3097	70.85	150	100	314.84	0.21	0.66	
3078	3098	163.73	150	100	86.53	0.06	0.06	
3079	3099	63.29	150	100	40.17	0.03	0.01	
3080	3100	32.1	150	100	536.27	0.35	1.78	
3081	3101	157.47	150	100	406.87	0.27	1.07	
3082	3102	68.04	150	100	303.17	0.2	0.62	
3083	3103	163.73	150	100	145.60	0.1	0.16	
3084	3104	57.81	150	100	290.16	0.19	0.57	
3085	3105	420.61	150	100	201.94	0.13	0.29	
3086	3106	144.65	150	100	264.08	0.17	0.48	
3087	3107	67.77	150	100	202.57	0.13	0.29	
3088	3108	409.65	150	100	349.45	0.23	0.8	
3089	3109	144.77	150	100	98.22	0.06	0.08	
3090	3110	342.77	150	100	58.44	0.04	0.03	
3091	3111	67.48	150	100	109.54	0.07	0.09	
3092	3112	207.55	150	100	194.64	0.13	0.27	
3093	3113	69.88	150	100	93.50	0.06	0.07	
3094	3114	68.48	150	100	181.84	0.12	0.24	
3095	3115	235.69	150	100	222.46	0.15	0.35	
3096	3116	67.68	150	100	422.46	0.28	1.14	
3097	3117	76.08	150	100	187.10	0.12	0.25	
3098	3118	585.85	150	100	141.69	0.09	0.15	
3099	3119	712.77	150	100	122.83	0.08	0.12	
3100	3120	135.34	150	100	208.81	0.14	0.31	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
3101	3121	152.56	150	100	189.97	0.12	0.26	
3102	3122	159.76	150	100	531.17	0.35	1.75	
3103	3123	66.62	150	100	84.05	0.06	0.06	
3104	3124	546.25	150	100	158.89	0.1	0.19	
3105	3125	75.65	150	100	594.96	0.39	2.15	
3106	3126	93.92	150	100	78.71	0.05	0.05	
3107	3127	63.79	150	100	135.71	0.09	0.14	
3108	3128	82.21	150	100	84.76	0.06	0.06	
3109	3129	21.1	150	100	69.33	0.05	0.04	
3110	3130	45.7	150	100	98.02	0.06	0.08	
3111	3131	71.92	150	100	67.68	0.04	0.04	
3112	3132	62.9	150	100	11.50	0.01	0	
3113	3133	27.03	150	100	57.95	0.04	0.03	
3114	3134	30.63	150	100	34.31	0.02	0.01	
3115	3135	52.93	150	100	31.62	0.02	0.01	
3116	3136	48.36	150	100	0.25	0	0	
3117	3137	55.64	150	100	8.37	0.01	0	
3118	3138	132.46	200	100	579.16	0.21	0.5	
3119	3139	112.53	150	100	83.32	0.05	0.06	
3120	3140	118.91	150	100	480.54	0.31	1.45	
3121	3141	84.42	150	100	577.40	0.38	2.04	
3122	3142	122.85	150	100	140.57	0.09	0.15	
3123	3143	194.74	150	100	200.01	0.13	0.29	
3124	3144	61.68	150	100	305.33	0.2	0.63	
3125	3145	71.2	150	100	138.29	0.09	0.14	
3126	3146	124.66	150	100	138.07	0.09	0.14	
3127	3147	130.99	150	100	333.46	0.22	0.74	
3128	3148	36.03	150	100	241.48	0.16	0.41	
3129	3149	15.29	150	100	247.00	0.16	0.42	
3130	3150	66.19	150	100	135.75	0.09	0.14	
3131	3151	68.88	150	100	32.94	0.02	0.01	
3132	3152	70.35	150	100	101.76	0.07	0.08	
3133	3153	82.56	150	100	100.01	0.07	0.08	
3134	3154	55.39	150	100	71.76	0.05	0.04	
3135	3155	59.95	150	100	110.54	0.07	0.1	
3136	3156	60.75	150	100	135.32	0.09	0.14	
3137	3157	37.5	150	100	202.21	0.13	0.29	
3138	3158	29.97	150	100	249.02	0.16	0.43	
3139	3159	24.56	150	100	1,809.27	1.18	16.9	
3140	3160	60.02	150	100	572.78	0.38	2.01	
3141	3161	131.71	150	100	31.89	0.02	0.01	
3142	3162	126.37	150	100	110.78	0.07	0.1	
3143	3163	54.19	150	100	337.84	0.22	0.76	
3144	3164	54.64	150	100	115.70	0.08	0.1	
3145	3165	61.43	150	100	74.61	0.05	0.05	
3146	3166	71.54	150	100	185.67	0.12	0.25	
3147	3167	72.26	150	100	195.22	0.13	0.27	
3148	3168	81.99	150	100	44.19	0.03	0.02	
3149	3169	63.87	150	100	380.89	0.25	0.94	
3150	3170	66.72	150	100	292.03	0.19	0.58	
3151	3171	135.15	150	100	14.09	0.01	0	
3152	3172	66.59	150	100	366.76	0.24	0.88	
3153	3173	134.91	150	100	531.38	0.35	1.75	
3154	3174	55.3	150	100	494.83	0.32	1.53	
3155	3175	116.18	150	100	353.80	0.23	0.82	
3156	3176	57.57	150	100	872.66	0.57	4.38	
3157	3177	113.01	150	100	265.96	0.17	0.48	
3158	3178	4.2	150	100	27.14	0.02	0.01	
3159	3179	49.61	150	100	547.54	0.36	1.85	
3160	3180	66.38	150	100	167.46	0.11	0.21	
3161	3181	62.68	150	100	519.82	0.34	1.68	
3162	3182	65.86	150	100	182.76	0.12	0.24	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
3163	3183	51.88	150	100	73.74	0.05	0.05	
3164	3184	96.62	150	100	19.59	0.01	0	
3165	3185	52.54	150	100	268.80	0.18	0.49	
3166	3186	57.73	150	100	230.54	0.15	0.37	
3167	3187	169.65	150	100	288.05	0.19	0.56	
3168	3188	27.59	150	100	164.28	0.11	0.2	
3169	3189	74.95	150	100	308.19	0.2	0.64	
3170	3190	102.3	150	100	260.81	0.17	0.47	
3171	3191	51.86	150	100	294.27	0.19	0.58	
3172	3192	92.32	100	100	3.27	0	0	
3173	3193	58.74	150	100	180.34	0.12	0.24	
3174	3194	103.13	150	100	127.80	0.08	0.12	
3175	3195	22.06	150	100	221.01	0.14	0.34	
3176	3196	87.45	150	100	301.58	0.2	0.61	
3177	3197	55.59	150	100	390.71	0.26	0.99	
3178	3198	158.99	150	100	395.53	0.26	1.01	
3179	3199	38.23	150	100	445.65	0.29	1.26	
3180	3200	57.72	150	100	15.16	0.01	0	
3181	3201	57.09	150	100	116.28	0.08	0.1	
3182	3202	239.55	150	100	27.12	0.02	0.01	
3183	3203	57.54	150	100	73.84	0.05	0.05	
3184	3204	365.07	150	100	161.25	0.11	0.19	
3185	3205	264.86	150	100	28.88	0.02	0.01	
3186	3206	324.59	150	100	70.66	0.05	0.04	
3187	3207	138.55	150	100	195.17	0.13	0.27	
3188	3208	67.95	150	100	99.83	0.07	0.08	
3189	3209	188.54	150	100	242.76	0.16	0.41	
3190	3210	22.61	150	100	181.75	0.12	0.24	
3191	3211	62.99	150	100	236.21	0.15	0.39	
3192	3212	48.24	150	100	433.56	0.28	1.2	
3193	3213	27.86	150	100	301.23	0.2	0.61	
3194	3214	46.26	150	100	276.28	0.18	0.52	
3195	3215	63.61	150	100	353.79	0.23	0.82	
3196	3216	45.98	150	100	350.16	0.23	0.81	
3197	3217	48.22	150	100	66.57	0.04	0.04	
3198	3218	64.11	150	100	154.47	0.1	0.18	
3199	3219	108.5	150	100	313.06	0.21	0.66	
3200	3220	33.03	150	100	507.83	0.33	1.61	
3201	3221	97.4	150	100	554.12	0.36	1.89	
3202	3222	53.44	150	100	133.55	0.09	0.14	
3203	3223	80.81	150	100	303.95	0.2	0.62	
3204	3224	123.77	150	100	7.18	0	0	
3205	3225	89.98	150	100	203.71	0.13	0.3	
3206	3226	83.49	150	100	404.57	0.26	1.05	
3207	3227	67.44	150	100	376.02	0.25	0.92	
3208	3228	68.34	150	100	208.34	0.14	0.31	
3209	3229	38.18	150	100	940.77	0.62	5.03	
3210	3230	83.89	150	100	935.12	0.61	4.98	
3211	3231	214.71	150	100	242.16	0.16	0.41	
3212	3232	85	150	100	464.73	0.3	1.36	
3213	3233	77.69	150	100	23.39	0.02	0.01	
3214	3234	195.16	150	100	172.45	0.11	0.22	
3215	3235	207.43	150	100	111.38	0.07	0.1	
3216	3236	71.01	150	100	934.52	0.61	4.97	
3217	3237	172.97	150	100	270.72	0.18	0.5	
3218	3238	45.52	150	100	340.09	0.22	0.76	
3219	3239	424.48	150	100	172.92	0.11	0.22	
3220	3240	35.44	150	100	14.23	0.01	0	
3221	3241	100.45	150	100	466.08	0.31	1.37	
3222	3242	68.99	150	100	569.21	0.37	1.98	
3223	3243	146.73	150	100	420.62	0.28	1.13	
3224	3244	209.57	100	100	49.21	0.07	0.15	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
3225	3245	44.54	150	100	39.09	0.03	0.01	
3226	3246	43.45	150	100	452.41	0.3	1.3	
3227	3247	44.41	150	100	159.11	0.1	0.19	
3228	3248	41.71	150	100	282.30	0.18	0.54	
3229	3249	107.95	150	100	333.11	0.22	0.74	
3230	3250	86.8	150	100	76.10	0.05	0.05	
3231	3251	142.15	150	100	137.48	0.09	0.14	
3232	3252	28.13	150	100	48.67	0.03	0.02	
3233	3253	211.16	150	100	998.45	0.65	5.62	
3234	3254	77.52	150	100	469.34	0.31	1.39	
3235	3255	87.39	150	100	44.16	0.03	0.02	
3236	3256	70.28	150	100	56.35	0.04	0.03	
3237	3257	121.8	150	100	38.91	0.03	0.01	
3238	3258	109.29	150	100	85.33	0.06	0.06	
3239	3259	128.1	150	100	245.96	0.16	0.42	
3240	3260	63.57	150	100	591.10	0.39	2.13	
3241	3261	264.64	150	100	12.54	0.01	0	
3242	3262	202.33	150	100	164.77	0.11	0.2	
3243	3263	306.74	150	100	1,215.04	0.8	8.08	
3244	3264	128.76	150	100	131.94	0.09	0.13	
3245	3265	65.74	150	100	136.17	0.09	0.14	
3246	3266	124.29	150	100	157.38	0.1	0.18	
3247	3267	723.07	1350	100	70,698.13	0.57	0.34	
3248	3268	499.4	1350	100	66,608.04	0.54	0.3	
3249	3269	172.83	1350	100	75,645.43	0.61	0.38	
3250	3270	714.55	1350	100	44,092.15	0.36	0.14	
3251	3271	29.22	1100	100	7,193.01	0.09	0.01	
3252	3272	1820.24	1100	100	9,692.16	0.12	0.02	
3253	3273	679.08	1100	100	6,018.65	0.07	0.01	
3254	3274	34.35	100	100	37.90	0.06	0.09	
3255	3275	33.9	100	100	59.61	0.09	0.22	
3256	3276	53.14	100	100	68.78	0.1	0.29	
3257	3277	75.25	100	100	141.25	0.21	1.08	
3258	3278	92.18	100	100	284.98	0.42	3.97	
3259	3279	207.99	150	100	982.26	0.64	5.45	
3260	3280	51.87	100	100	18.49	0.03	0.03	
3261	3281	60.44	100	100	246.81	0.36	3.04	
3262	3282	62.49	100	100	387.99	0.57	7.03	
3263	3283	78.31	100	100	54.68	0.08	0.19	
3264	3284	121.22	100	100	230.99	0.34	2.69	
3265	3285	58.98	100	100	447.52	0.66	9.16	
3266	3286	43.21	100	100	343.64	0.51	5.62	
3267	3287	52.01	100	100	120.72	0.18	0.81	
3268	3288	113.47	100	100	227.21	0.33	2.61	
3269	3289	325.12	100	100	108.57	0.16	0.66	
3270	3290	56.28	100	100	48.33	0.07	0.15	
3271	3291	63.15	100	100	182.86	0.27	1.75	
3272	3292	42.66	100	100	33.66	0.05	0.08	
3273	3293	196.68	100	100	165.86	0.24	1.46	
3274	3294	38.02	100	100	331.37	0.49	5.25	
3275	3295	50.67	100	100	227.61	0.34	2.62	
3276	3296	43.73	100	100	220.32	0.32	2.47	
3277	3297	250.53	100	100	124.98	0.18	0.86	
3278	3298	178.54	100	100	105.51	0.16	0.63	
3279	3299	36.11	100	100	246.05	0.36	3.03	
3280	3300	73.26	100	100	293.44	0.43	4.19	
3281	3301	139.66	100	100	161.48	0.24	1.39	
3282	3302	40.05	100	100	183.30	0.27	1.75	
3283	3303	96.19	100	100	90.55	0.13	0.47	
3284	3304	170.62	100	100	33.77	0.05	0.08	
3285	3305	153.09	100	100	33.63	0.05	0.08	
3286	3306	37.3	100	100	239.43	0.35	2.88	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
3287	3307	39.76	100	100	208.17	0.31	2.22	
3288	3308	97.5	100	100	26.54	0.04	0.05	
3289	3309	98.71	100	100	7.80	0.01	0.01	
3290	3310	39.87	100	100	221.27	0.33	2.49	
3291	3311	130.07	100	100	32.06	0.05	0.07	
3292	3312	51.53	100	100	62.41	0.09	0.24	
3293	3313	38.31	100	100	67.52	0.1	0.28	
3294	3314	97.66	100	100	39.49	0.06	0.1	
3295	3315	78.05	100	100	15.39	0.02	0.02	
3296	3316	36.31	100	100	25.17	0.04	0.04	
3297	3317	38.76	100	100	41.44	0.06	0.11	
3298	3318	37.6	100	100	114.29	0.17	0.73	
3299	3319	98.11	100	100	33.95	0.05	0.08	
3300	3320	98	100	100	65.34	0.1	0.26	
3301	3321	85.38	100	100	28.64	0.04	0.06	
3302	3322	126.65	100	100	60.81	0.09	0.23	
3303	3323	52.07	100	100	3.59	0.01	0	
3304	3324	115.95	100	100	18.81	0.03	0.03	
3305	3325	83.88	100	100	11.09	0.02	0.01	
3306	3326	127.45	150	100	2,058.99	1.35	21.47	
3307	3327	69.3	100	100	453.94	0.67	9.4	
3308	3328	65.37	100	100	530.88	0.78	12.57	
3309	3329	110.04	100	100	123.67	0.18	0.85	
3310	3330	92.59	100	100	201.76	0.3	2.09	
3311	3331	36.01	100	100	425.91	0.63	8.36	
3312	3332	96.79	100	100	82.96	0.12	0.4	
3313	3333	65.48	100	100	569.48	0.84	14.31	
3314	3334	41.2	100	100	307.53	0.45	4.57	
3315	3335	60.03	100	100	123.23	0.18	0.84	
3316	3336	43.09	100	100	194.98	0.29	1.97	
3317	3337	35.34	100	100	383.04	0.56	6.87	
3318	3338	27.5	100	100	670.40	0.99	19.36	
3319	3339	123.01	100	100	224.56	0.33	2.55	
3320	3340	34.62	100	100	328.11	0.48	5.16	
3321	3341	60.72	100	100	624.10	0.92	16.96	
3322	3342	51.15	100	100	251.22	0.37	3.14	
3323	3343	114.62	100	100	118.99	0.18	0.79	
3324	3344	114.39	100	100	100.59	0.15	0.58	
3325	3345	103.33	100	100	105.42	0.16	0.63	
3326	3346	189.25	100	100	161.69	0.24	1.39	
3327	3347	109.99	100	100	421.36	0.62	8.19	
3328	3348	104.14	100	100	371.29	0.55	6.48	
3329	3349	102.54	100	100	612.22	0.9	16.37	
3330	3350	35.58	100	100	541.31	0.8	13.03	
3331	3351	44.09	100	100	631.72	0.93	17.35	
3332	3352	41.65	100	100	74.26	0.11	0.33	
3333	3353	35.81	100	100	376.05	0.55	6.64	
3334	3354	64.16	100	100	558.73	0.82	13.82	
3335	3355	155.88	100	100	77.01	0.11	0.35	
3336	3356	104.81	100	100	344.78	0.51	5.65	
3337	3357	43.03	100	100	230.80	0.34	2.69	
3338	3358	42.41	100	100	139.23	0.21	1.05	
3339	3359	97.53	100	100	180.56	0.27	1.71	
3340	3360	202.23	100	100	101.68	0.15	0.59	
3341	3361	68.65	100	100	304.52	0.45	4.49	
3342	3362	36.43	100	100	76.50	0.11	0.35	
3343	3363	86.58	100	100	116.63	0.17	0.76	
3344	3364	91.7	100	100	57.08	0.08	0.2	
3345	3365	36.93	100	100	269.74	0.4	3.59	
3346	3366	52.1	100	100	46.61	0.07	0.14	
3347	3367	44.98	100	100	104.93	0.15	0.62	
3348	3368	149.69	100	100	188.11	0.28	1.84	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
3349	3369	29.82	100	100	104.13	0.15	0.62	
3350	3370	92.4	100	100	168.29	0.25	1.5	
3351	3371	68.21	100	100	9.47	0.01	0.01	
3352	3372	68.31	100	100	377.70	0.56	6.69	
3353	3373	124.27	100	100	234.99	0.35	2.78	
3354	3374	23.01	100	100	664.44	0.98	19.05	
3355	3375	78.85	100	100	108.45	0.16	0.66	
3356	3376	91.04	100	100	28.60	0.04	0.06	
3357	3377	51.03	100	100	29.80	0.04	0.06	
3358	3378	36.15	100	100	20.70	0.03	0.03	
3359	3379	37.98	100	100	401.09	0.59	7.48	
3360	3380	40.12	100	100	274.76	0.4	3.71	
3361	3381	38.79	100	100	161.05	0.24	1.38	
3362	3382	37.67	100	100	73.77	0.11	0.32	
3363	3383	38.7	100	100	10.89	0.02	0.01	
3364	3384	37.54	100	100	66.19	0.1	0.27	
3365	3385	38.94	100	100	124.46	0.18	0.86	
3366	3386	39.58	100	100	216.88	0.32	2.39	
3367	3387	284.06	100	100	51.37	0.08	0.17	
3368	3388	221.57	100	100	119.85	0.18	0.8	
3369	3389	142.21	100	100	77.42	0.11	0.36	
3370	3390	124.76	100	100	83.19	0.12	0.41	
3371	3391	149.25	100	100	55.10	0.08	0.19	
3372	3392	75.99	100	100	101.00	0.15	0.58	
3373	3393	86.36	100	100	5.23	0.01	0	
3374	3394	156.61	100	100	93.17	0.14	0.5	
3375	3395	66.91	100	100	66.07	0.1	0.26	
3376	3396	91.08	100	100	105.36	0.16	0.63	
3377	3397	293.36	100	100	62.39	0.09	0.24	
3378	3398	282.97	100	100	11.21	0.02	0.01	
3379	3399	40.54	100	100	295.68	0.44	4.25	
3380	3400	28.22	100	100	257.12	0.38	3.28	
3381	3401	40.22	100	100	266.20	0.39	3.5	
3382	3402	90.11	100	100	152.46	0.22	1.25	
3383	3403	32.24	100	100	189.87	0.28	1.87	
3384	3404	28.12	100	100	220.51	0.32	2.47	
3385	3405	43.34	100	100	139.20	0.21	1.05	
3386	3406	71.82	100	100	134.44	0.2	0.99	
3387	3407	72.08	100	100	68.29	0.1	0.28	
3388	3408	43.87	100	100	61.45	0.09	0.23	
3389	3409	95.21	100	100	2.17	0	0	
3390	3410	144.59	100	100	20.52	0.03	0.03	
3391	3411	143.37	100	100	234.92	0.35	2.78	
3392	3412	101.87	100	100	152.20	0.22	1.24	
3393	3413	104.66	100	100	60.53	0.09	0.23	
3394	3414	112.11	100	100	20.75	0.03	0.03	
3395	3415	10.06	100	100	95.18	0.14	0.52	
3396	3416	117.91	100	100	16.47	0.02	0.02	
3397	3417	138.22	100	100	146.11	0.22	1.15	
3398	3418	135.53	100	100	171.90	0.25	1.56	
3399	3419	117.17	100	100	41.80	0.06	0.11	
3400	3420	137.82	100	100	104.23	0.15	0.62	
3401	3421	55.26	100	100	287.22	0.42	4.03	
3402	3422	114.68	100	100	24.59	0.04	0.04	
3403	3423	119.24	100	100	9.71	0.01	0.01	
3404	3424	55.09	100	100	97.74	0.14	0.55	
3405	3425	91.98	100	100	56.55	0.08	0.2	
3406	3426	59.29	100	100	121.60	0.18	0.82	
3407	3427	47.76	100	100	37.81	0.06	0.09	
3408	3428	94.03	100	100	35.35	0.05	0.08	
3409	3429	13.07	100	100	500.88	0.74	11.29	
3410	3430	69.75	100	100	83.88	0.12	0.41	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
3411	3431	80.42	100	100	32.05	0.05	0.07	
3412	3432	106.24	100	100	71.74	0.11	0.31	
3413	3433	63	100	100	57.72	0.09	0.21	
3414	3434	62.73	100	100	104.57	0.15	0.62	
3415	3435	141.8	100	100	31.72	0.05	0.07	
3416	3436	84.19	100	100	9.38	0.01	0.01	
3417	3437	56.81	100	100	54.47	0.08	0.19	
3418	3438	46.95	100	100	149.25	0.22	1.2	
3419	3439	32.54	100	100	35.07	0.05	0.08	
3420	3440	71.36	100	100	33.46	0.05	0.08	
3421	3441	83.01	100	100	4.80	0.01	0	
3422	3442	73.83	100	100	35.13	0.05	0.08	
3423	3443	56.85	100	100	15.61	0.02	0.02	
3424	3444	40.02	100	100	21.08	0.03	0.03	
3425	3445	113.09	100	100	23.41	0.03	0.04	
3426	3446	56.71	100	100	27.08	0.04	0.05	
3427	3447	115.56	100	100	18.08	0.03	0.02	
3428	3448	61.68	100	100	123.55	0.18	0.84	
3429	3449	135.56	100	100	149.20	0.22	1.2	
3430	3450	92.58	200	100	334.06	0.12	0.18	
3431	3451	79.21	100	100	69.71	0.1	0.29	
3432	3452	125.96	100	100	45.81	0.07	0.13	
3433	3453	57.34	100	100	49.04	0.07	0.15	
3434	3454	137.71	100	100	127.66	0.19	0.9	
3435	3455	75.46	100	100	315.40	0.46	4.79	
3436	3456	135.65	100	100	90.75	0.13	0.48	
3437	3457	69.08	100	100	247.61	0.36	3.06	
3438	3458	114.96	100	100	196.65	0.29	2	
3439	3459	5.31	100	100	585.76	0.86	15.08	
3440	3460	78.13	100	100	425.95	0.63	8.36	
3441	3461	207.61	100	100	313.90	0.46	4.75	
3442	3462	72.13	100	100	135.80	0.2	1.01	
3443	3463	98.07	100	100	264.27	0.39	3.45	
3444	3464	11.33	100	100	740.69	1.09	23.29	
3445	3465	24.59	100	100	618.56	0.91	16.68	
3446	3466	224.96	100	100	195.89	0.29	1.98	
3447	3467	115.83	100	100	10.00	0.01	0.01	
3448	3468	86.62	100	100	201.05	0.3	2.08	
3449	3469	69	100	100	186.76	0.28	1.82	
3450	3470	49.48	100	100	102.72	0.15	0.6	
3451	3471	68.13	100	100	55.24	0.08	0.19	
3452	3472	37.35	100	100	212.55	0.31	2.31	
3453	3473	94.09	100	100	160.59	0.24	1.37	
3454	3474	112.71	100	100	5.96	0.01	0	
3455	3475	88.01	100	100	142.10	0.21	1.09	
3456	3476	52.28	100	100	37.19	0.05	0.09	
3457	3477	138.51	100	100	22.26	0.03	0.04	
3458	3478	81.76	100	100	62.63	0.09	0.24	
3459	3479	99.43	100	100	32.46	0.05	0.07	
3460	3480	111.07	100	100	42.08	0.06	0.11	
3461	3481	115.34	100	100	10.80	0.02	0.01	
3462	3482	171.63	100	100	21.24	0.03	0.03	
3463	3483	103.98	100	100	38.40	0.06	0.1	
3464	3484	86.42	100	100	27.89	0.04	0.05	
3465	3485	125.31	100	100	17.26	0.03	0.02	
3466	3486	57.21	100	100	42.12	0.06	0.12	
3467	3487	138.68	100	100	80.87	0.12	0.39	
3468	3488	131.55	100	100	8.13	0.01	0.01	
3469	3489	77.19	100	100	189.76	0.28	1.87	
3470	3490	87.18	100	100	89.86	0.13	0.47	
3471	3491	89.72	100	100	129.47	0.19	0.92	
3472	3492	90.28	100	100	57.11	0.08	0.2	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
3473	3493	71.95	100	100	203.83	0.3	2.13	
3474	3494	125.05	100	100	100.13	0.15	0.57	
3475	3495	150.63	100	100	143.67	0.21	1.12	
3476	3496	65.65	100	100	61.47	0.09	0.23	
3477	3497	76.01	100	100	243.23	0.36	2.96	
3478	3498	66.02	100	100	177.94	0.26	1.66	
3479	3499	175.31	100	100	254.15	0.37	3.21	
3480	3500	25.72	100	100	337.79	0.5	5.44	
3481	3501	35.69	100	100	547.93	0.81	13.33	
3482	3502	67.82	100	100	283.25	0.42	3.93	
3483	3503	217.86	100	100	157.75	0.23	1.33	
3484	3504	147.91	100	100	49.56	0.07	0.16	
3485	3505	43.68	100	100	265.52	0.39	3.48	
3486	3506	144.1	100	100	344.35	0.51	5.64	
3487	3507	37.95	100	100	25.46	0.04	0.05	
3488	3508	175.1	100	100	264.36	0.39	3.46	
3489	3509	68.41	100	100	128.43	0.19	0.91	
3490	3510	38.61	100	100	348.59	0.51	5.77	
3491	3511	30.11	100	100	378.71	0.56	6.72	
3492	3512	147.83	100	100	54.52	0.08	0.19	
3493	3513	114.12	100	100	224.31	0.33	2.55	
3494	3514	69.07	100	100	57.46	0.08	0.2	
3495	3515	213	100	100	222.36	0.33	2.51	
3496	3516	67.16	100	100	73.49	0.11	0.32	
3497	3517	96.65	100	100	235.20	0.35	2.78	
3498	3518	43.82	100	100	87.30	0.13	0.44	
3499	3519	148.57	100	100	20.82	0.03	0.03	
3500	3520	113.08	100	100	215.70	0.32	2.37	
3501	3521	42.91	100	100	55.46	0.08	0.19	
3502	3522	70.44	100	100	134.27	0.2	0.99	
3503	3523	138.16	100	100	167.16	0.25	1.48	
3504	3524	39.79	100	100	114.82	0.17	0.74	
3505	3525	60.29	100	100	141.34	0.21	1.08	
3506	3526	25.18	100	100	169.02	0.25	1.51	
3507	3527	37.7	100	100	336.32	0.5	5.4	
3508	3528	61.98	100	100	242.69	0.36	2.95	
3509	3529	76.36	100	100	59.56	0.09	0.22	
3510	3530	76.44	100	100	40.34	0.06	0.11	
3511	3531	71.04	100	100	142.34	0.21	1.1	
3512	3532	42.5	100	100	169.71	0.25	1.52	
3513	3533	79.53	100	100	78.64	0.12	0.37	
3514	3534	132.47	100	100	186.61	0.27	1.81	
3515	3535	43.01	100	100	34.70	0.05	0.08	
3516	3536	62.28	100	100	5.36	0.01	0	
3517	3537	124.23	100	100	42.04	0.06	0.11	
3518	3538	207.1	100	100	199.54	0.29	2.05	
3519	3539	292.47	100	100	41.11	0.06	0.11	
3520	3540	139.59	100	100	57.43	0.08	0.2	
3521	3541	118.54	100	100	17.95	0.03	0.02	
3522	3542	73.23	100	100	61.36	0.09	0.23	
3523	3543	33.6	100	100	40.06	0.06	0.1	
3524	3544	134.67	100	100	35.87	0.05	0.09	
3525	3545	40.99	100	100	102.40	0.15	0.6	
3526	3546	42.79	100	100	100.02	0.15	0.57	
3527	3547	20.53	100	100	110.91	0.16	0.69	
3528	3548	118.06	100	100	54.12	0.08	0.18	
3529	3549	43.54	100	100	154.44	0.23	1.28	
3530	3550	61.12	100	100	140.12	0.21	1.07	
3531	3551	301.29	100	100	40.28	0.06	0.11	
3532	3552	166.56	100	100	64.02	0.09	0.25	
3533	3553	175.17	100	100	100.94	0.15	0.58	
3534	3554	92.74	100	100	182.42	0.27	1.74	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
3535	3555	137.07	100	100	295.99	0.44	4.26	
3536	3556	191.66	100	100	38.83	0.06	0.1	
3537	3557	47.22	100	100	273.33	0.4	3.68	
3538	3558	127.93	100	100	28.26	0.04	0.05	
3539	3559	37.52	100	100	107.40	0.16	0.65	
3540	3560	44.65	100	100	11.74	0.02	0.01	
3541	3561	137.75	100	100	23.13	0.03	0.04	
3542	3562	55.33	100	100	80.37	0.12	0.38	
3543	3563	134.57	100	100	48.08	0.07	0.15	
3544	3564	58.69	100	100	471.84	0.7	10.1	
3545	3565	342.6	1100	100	117,752.20	1.43	2.35	
3546	3566	300.96	200	100	439.45	0.16	0.3	
3547	3567	867.11	900	100	39,223.77	0.71	0.82	
3548	3568	210.23	400	100	3,230.70	0.3	0.42	
3549	3569	605.05	200	100	119.05	0.04	0.03	
3550	3570	387.83	200	100	120.75	0.04	0.03	
3551	3571	623.46	80	100	1.41	0	0	
3552	3573	101.88	500	100	5,536.12	0.33	0.38	
3553	3574	940.84	150	100	166.24	0.11	0.2	
3554	3575	478.45	600	100	14,764.19	0.6	0.96	
3555	3576	22.24	500	100	894.59	0.05	0.01	
3556	3577	352.04	600	100	2,870.77	0.12	0.05	
3557	3578	204.28	600	100	334.07	0.01	0	
3558	3579	117.59	100	100	165.95	0.24	1.46	
3559	3580	63.6	150	100	4.64	0	0	
3560	3581	360.59	500	100	932.68	0.05	0.01	
3561	3582	462.6	1000	100	45,199.19	0.67	0.64	
3562	3583	293.67	300	100	932.67	0.15	0.17	
3563	3584	781.2	200	100	222.91	0.08	0.09	
3564	3585	2289.94	1000	100	89,978.75	1.33	2.27	
3565	3586	366.06	1100	100	7,877.29	0.1	0.02	
3566	3587	133.94	100	100	57.73	0.09	0.21	
3567	3588	127.08	100	100	4.50	0.01	0	
3568	3589	38.84	100	100	13.64	0.02	0.01	
3569	3590	49.97	100	100	38.70	0.06	0.1	
3570	3591	563.18	100	100	129.98	0.19	0.93	
3571	3592	48.34	150	100	245.38	0.16	0.42	
3572	3593	293.9	300	100	847.53	0.14	0.14	
3573	3594	4.69	300	100	930.87	0.15	0.17	
3574	3595	253.55	500	100	1,500.78	0.09	0.03	
3575	3596	296.55	600	100	4,382.90	0.18	0.1	
3576	3597	609.95	200	100	995.39	0.37	1.38	
3577	3598	100.78	200	100	2,721.59	1	8.86	
3578	3599	3.15	100	100	230.50	0.34	2.68	
3579	3600	2062.12	200	100	14.13	0.01	0	
3580	3601	4.33	150	100	488.80	0.32	1.5	
3581	3602	66.95	400	100	4,840.28	0.45	0.88	
3582	3603	27.58	400	100	4,734.48	0.44	0.84	
3583	3604	363.14	80	100	77.11	0.18	1.05	
3584	3605	67.95	100	100	20.89	0.03	0.03	
3585	3606	66.12	100	100	65.27	0.1	0.26	
3586	3607	202.8	100	100	23.73	0.03	0.04	
3587	3608	236.77	100	100	12.20	0.02	0.01	
3588	3609	184.56	100	100	17.87	0.03	0.02	
3589	3610	60.32	100	100	23.64	0.03	0.04	
3590	3611	150.82	100	100	21.00	0.03	0.03	
3591	3612	54.42	80	100	11.97	0.03	0.03	
3592	3613	30.8	80	100	14.37	0.03	0.05	
3593	3614	94.79	80	100	1.07	0	0	
3594	3615	226.48	100	100	213.21	0.31	2.32	
3595	3616	259.03	100	100	291.68	0.43	4.15	
3596	3617	230.89	100	100	177.62	0.26	1.65	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
3597	3618	37.12	100	100	1.03	0	0	
3598	3619	200.64	100	100	34.95	0.05	0.08	
3599	3620	282.4	100	100	73.78	0.11	0.33	
3600	3621	29.19	100	100	10.80	0.02	0.01	
3601	3622	107.87	100	100	7.37	0.01	0	
3602	3623	142.36	100	100	44.77	0.07	0.13	
3603	3624	70.67	100	100	12.16	0.02	0.01	
3604	3625	36.73	100	100	42.77	0.06	0.12	
3605	3626	159.83	100	100	4.01	0.01	0	
3606	3627	69.14	100	100	0.44	0	0	
3607	3628	62.14	100	100	7.30	0.01	0	
3608	3629	121.07	100	100	73.14	0.11	0.32	
3609	3630	45.94	100	100	173.71	0.26	1.59	
3610	3631	265.03	100	100	97.73	0.14	0.55	
3611	3632	157.61	100	100	16.17	0.02	0.02	
3612	3633	40.1	150	100	236.77	0.16	0.39	
3613	3634	79.87	150	100	367.28	0.24	0.88	
3614	3635	384.11	150	100	347.03	0.23	0.79	
3615	3636	63.66	200	100	1,054.65	0.39	1.53	
3616	3637	95.68	200	100	1,230.47	0.45	2.04	
3617	3638	9.4	200	100	0.00	0	0	
3618	3639	107.44	200	100	1,329.33	0.49	2.35	
3619	3640	78.55	200	100	2,992.81	1.1	10.57	
3620	3641	80.47	200	100	741.46	0.27	0.8	
3621	3642	269.19	200	100	829.87	0.31	0.98	
3622	3643	208.75	200	100	102.70	0.04	0.02	
3623	3644	115.56	200	100	715.44	0.26	0.75	
3624	3645	95.04	200	100	754.44	0.28	0.82	
3625	3646	227.15	300	100	4,422.41	0.72	3.02	
3626	3647	67.84	300	100	6,782.67	1.11	6.67	
3627	3648	32.94	300	100	3,823.55	0.63	2.31	
3628	3649	233.27	300	100	2,228.60	0.36	0.85	
3629	3650	89.8	300	100	2,160.77	0.35	0.8	
3630	3651	99.38	300	100	235.72	0.04	0.01	
3631	3652	127.14	300	100	1,489.56	0.24	0.4	
3632	3653	242.34	300	100	745.43	0.12	0.11	
3633	3654	551.46	400	100	2,982.11	0.27	0.36	
3634	3655	339.34	600	100	10,301.03	0.42	0.49	
3635	3656	361.74	100	100	156.66	0.23	1.31	
3636	3657	29.89	100	100	44.75	0.07	0.13	
3637	3658	40.06	100	100	168.70	0.25	1.5	
3638	3659	14.49	100	100	4.66	0.01	0	
3639	3660	38.09	100	100	102.18	0.15	0.59	
3640	3661	37.89	100	100	145.04	0.21	1.14	
3641	3662	95.74	100	100	71.37	0.11	0.31	
3642	3663	92.53	100	100	32.68	0.05	0.07	
3643	3664	40.11	100	100	24.59	0.04	0.04	
3644	3665	112.49	100	100	8.56	0.01	0.01	
3645	3666	33.16	100	100	38.54	0.06	0.1	
3646	3667	126	100	100	29.28	0.04	0.06	
3647	3668	134.81	100	100	27.73	0.04	0.05	
3648	3669	112.27	100	100	19.37	0.03	0.03	
3649	3670	113.53	100	100	22.52	0.03	0.04	
3650	3671	32.42	100	100	50.88	0.07	0.16	
3651	3672	20.2	100	100	16.99	0.03	0.02	
3652	3673	119.69	100	100	34.49	0.05	0.08	
3653	3674	37.26	100	100	64.66	0.1	0.25	
3654	3675	119.97	100	100	97.76	0.14	0.55	
3655	3676	77.2	100	100	126.26	0.19	0.88	
3656	3677	150.66	100	100	30.08	0.04	0.06	
3657	3678	117.53	100	100	25.75	0.04	0.05	
3658	3679	13.47	100	100	368.91	0.54	6.41	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
3659	3680	110.01	150	100	234.64	0.15	0.38	
3660	3681	145.12	150	100	119.87	0.08	0.11	
3661	3682	33.35	150	100	75.60	0.05	0.05	
3662	3683	15.88	150	100	41.49	0.03	0.02	
3663	3684	211.57	200	100	20.33	0.01	0	
3664	3685	756.83	200	100	333.60	0.12	0.18	
3665	3686	75.47	200	100	182.63	0.07	0.06	
3666	3687	14.34	200	100	276.17	0.1	0.13	
3667	3688	442.78	200	100	202.03	0.07	0.07	
3668	3689	366.09	200	100	906.77	0.33	1.16	
3669	3690	69.49	200	100	251.03	0.09	0.11	
3670	3691	119.63	200	100	432.35	0.16	0.29	
3671	3692	214.51	200	100	300.55	0.11	0.15	
3672	3693	125.27	200	100	491.52	0.18	0.37	
3673	3694	128.22	250	100	1,064.27	0.25	0.53	
3674	3695	228.11	300	100	2,178.85	0.36	0.81	
3675	3696	592.2	300	100	1,497.14	0.25	0.41	
3676	3697	300.38	300	100	2,074.35	0.34	0.74	
3677	3698	440.58	300	100	1,476.19	0.24	0.4	
3678	3699	70.36	300	100	1,038.56	0.17	0.21	
3679	3700	200.23	300	100	211.86	0.03	0.01	
3680	3701	150.16	300	100	1,801.80	0.3	0.57	
3681	3702	119.19	400	100	5,226.45	0.48	1.01	
3682	3703	14.77	400	100	2,222.98	0.2	0.21	
3683	3704	18.55	400	100	3,843.03	0.35	0.57	
3684	3705	17.49	500	100	6,026.48	0.36	0.45	
3685	3706	1218.34	600	100	5,601.96	0.23	0.16	
3686	3707	32.62	80	100	62.75	0.14	0.71	
3687	3708	31.26	80	100	48.40	0.11	0.44	
3688	3709	7.44	80	100	139.02	0.32	3.12	
3689	3710	37.5	80	100	26.96	0.06	0.15	
3690	3711	34.23	80	100	12.22	0.03	0.03	
3691	3712	36.07	80	100	39.44	0.09	0.3	
3692	3713	169.96	80	100	10.90	0.03	0.03	
3693	3714	214.9	100	100	25.17	0.04	0.04	
3694	3715	65.08	100	100	25.30	0.04	0.04	
3695	3716	14.6	100	100	177.10	0.26	1.65	
3696	3717	50.12	100	100	17.59	0.03	0.02	
3697	3718	602.72	100	100	86.78	0.13	0.44	
3698	3719	327.87	150	100	369.67	0.24	0.89	
3699	3720	182.99	150	100	101.72	0.07	0.08	
3700	3721	94.56	200	100	345.01	0.13	0.19	
3701	3722	97.41	200	100	742.14	0.27	0.8	
3702	3723	1146.54	200	100	506.71	0.19	0.39	
3703	3724	160.98	250	100	1,334.86	0.31	0.8	
3704	3725	533.28	250	100	2,218.98	0.52	2.05	
3705	3726	9.18	250	100	4,638.33	1.09	8.02	
3706	3727	959.55	250	100	1,286.85	0.3	0.75	
3707	3728	143.93	250	100	3,303.47	0.78	4.28	
3708	3729	289.26	300	100	781.92	0.13	0.12	
3709	3730	279.53	350	100	0.00	0	0	
3710	3731	57.12	80	100	131.74	0.3	2.82	
3711	3732	89.46	80	100	36.60	0.08	0.26	
3712	3733	69.02	80	100	31.35	0.07	0.2	
3713	3734	45.68	100	100	58.72	0.09	0.21	
3714	3735	207.79	200	100	0.00	0	0	
3715	3736	1.14	200	100	1,030.45	0.38	1.46	
3716	3737	71.94	200	100	2.29	0	0	
3717	3738	237.07	200	100	341.72	0.13	0.19	
3718	3739	60.15	200	100	128.97	0.05	0.03	
3719	3740	523.18	300	100	69.93	0.01	0	
3720	3741	61.33	300	100	3,100.47	0.51	1.57	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
3721	3742	2.69	300	100	3,339.65	0.55	1.79	
3722	3743	290.21	300	100	597.47	0.1	0.07	
3723	3744	157.04	300	100	7,439.83	1.22	7.92	
3724	3745	758.48	400	100	3,548.10	0.33	0.49	
3725	3746	210.07	400	100	95.43	0.01	0	
3726	3747	8.14	400	100	2,115.04	0.19	0.19	
3727	3748	8.9	400	100	5,431.42	0.5	1.09	
3728	3749	54.38	80	100	27.78	0.06	0.16	
3729	3750	77.55	80	100	57.11	0.13	0.6	
3730	3751	118.77	80	100	37.22	0.09	0.27	
3731	3752	155.23	80	100	20.77	0.05	0.09	
3732	3753	260.81	80	100	64.21	0.15	0.75	
3733	3754	35.77	80	100	478.91	1.1	30.8	
3734	3755	154.67	80	100	87.18	0.2	1.31	
3735	3756	40.41	80	100	80.37	0.19	1.13	
3736	3757	113.36	80	100	52.29	0.12	0.51	
3737	3758	116.64	80	100	38.57	0.09	0.29	
3738	3759	40.98	80	100	47.56	0.11	0.43	
3739	3760	155.96	80	100	102.37	0.24	1.77	
3740	3761	38.49	80	100	12.67	0.03	0.04	
3741	3762	1.44	150	100	1,927.80	1.26	19	
3742	3763	340.86	100	100	333.60	0.49	5.32	
3743	3764	156.42	100	100	23.27	0.03	0.04	
3744	3765	374.63	150	100	426.51	0.28	1.16	
3745	3766	140	150	100	40.12	0.03	0.01	
3746	3767	112.23	150	100	164.58	0.11	0.2	
3747	3768	32.3	150	100	820.29	0.54	3.9	
3748	3769	32.48	150	100	55.72	0.04	0.03	
3749	3770	185.65	150	100	368.98	0.24	0.89	
3750	3771	12.6	150	100	105.14	0.07	0.09	
3751	3772	31.92	150	100	119.76	0.08	0.11	
3752	3773	74.29	150	100	163.77	0.11	0.2	
3753	3774	272.17	200	100	154.53	0.06	0.04	
3754	3775	786.55	300	100	588.12	0.1	0.07	
3755	3776	160.44	300	100	1,292.56	0.21	0.31	
3756	3777	200.98	300	100	2,455.34	0.4	1.02	
3757	3778	185.78	300	100	985.16	0.16	0.19	
3758	3779	39.84	300	100	5,607.28	0.92	4.69	
3759	3780	53.18	350	100	237.54	0.03	0.01	
3760	3781	31.89	350	100	1,215.87	0.15	0.13	
3761	3782	20.23	350	100	1,647.93	0.2	0.23	
3762	3783	84.14	350	100	21.17	0	0	
3763	3784	10.32	400	100	7,219.43	0.66	1.84	
3764	3785	348.89	100	100	12.05	0.02	0.01	
3765	3786	36.49	100	100	130.91	0.19	0.94	
3766	3787	33.68	100	100	0.12	0	0	
3767	3788	139.85	100	100	27.68	0.04	0.05	
3768	3789	125.2	100	100	71.72	0.11	0.31	
3769	3790	73.95	100	100	583.27	0.86	14.96	
3770	3791	115.63	100	100	105.43	0.16	0.63	
3771	3792	124.74	100	100	350.29	0.52	5.82	
3772	3793	164.51	100	100	238.78	0.35	2.86	
3773	3794	64.75	100	100	657.32	0.97	18.67	
3774	3795	116.45	100	100	119.83	0.18	0.8	
3775	3796	76.62	100	100	468.19	0.69	9.96	
3776	3797	51.68	100	100	94.88	0.14	0.52	
3777	3798	259.11	100	100	23.23	0.03	0.04	
3778	3799	136.76	100	100	14.88	0.02	0.01	
3779	3800	136.89	100	100	10.11	0.01	0.01	
3780	3801	168.66	100	100	14.86	0.02	0.02	
3781	3802	168.67	100	100	15.27	0.02	0.02	
3782	3803	50.17	100	100	5.29	0.01	0	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
3783	3804	50.28	100	100	18.79	0.03	0.03	
3784	3805	23.85	100	100	195.45	0.29	1.98	
3785	3806	44.87	100	100	91.33	0.13	0.48	
3786	3807	160.53	100	100	29.24	0.04	0.06	
3787	3808	39.44	100	100	54.64	0.08	0.19	
3788	3809	50.11	100	100	65.19	0.1	0.26	
3789	3810	44.05	100	100	18.56	0.03	0.03	
3790	3811	105.26	100	100	12.33	0.02	0.01	
3791	3812	38.1	100	100	21.16	0.03	0.03	
3792	3813	12.81	100	100	123.24	0.18	0.84	
3793	3814	42.92	100	100	113.22	0.17	0.72	
3794	3815	114.52	100	100	79.50	0.12	0.37	
3795	3816	162.87	100	100	55.89	0.08	0.19	
3796	3817	179.84	100	100	38.91	0.06	0.1	
3797	3818	91.91	100	100	46.03	0.07	0.14	
3798	3819	148.09	100	100	34.22	0.05	0.08	
3799	3820	99.59	100	100	133.62	0.2	0.98	
3800	3821	50.24	100	100	50.61	0.07	0.16	
3801	3822	123.78	100	100	20.59	0.03	0.03	
3802	3823	150.16	100	100	39.14	0.06	0.1	
3803	3824	45.82	100	100	65.48	0.1	0.26	
3804	3825	214.98	100	100	43.24	0.06	0.12	
3805	3826	134.21	100	100	9.30	0.01	0.01	
3806	3827	42.86	100	100	20.27	0.03	0.03	
3807	3828	51.48	100	100	58.58	0.09	0.21	
3808	3829	106.45	100	100	594.44	0.88	15.5	
3809	3830	112.8	100	100	236.03	0.35	2.8	
3810	3831	36.83	100	100	35.28	0.05	0.08	
3811	3832	97.08	100	100	17.10	0.03	0.02	
3812	3833	30.64	100	100	375.32	0.55	6.61	
3813	3834	333.74	100	100	46.56	0.07	0.14	
3814	3835	137.36	100	100	117.87	0.17	0.77	
3815	3836	94.96	100	100	400.19	0.59	7.45	
3816	3837	295.79	100	100	54.65	0.08	0.19	
3817	3838	191.44	100	100	1.80	0	0	
3818	3839	39.12	100	100	21.13	0.03	0.03	
3819	3840	16.7	100	100	320.12	0.47	4.93	
3820	3841	149.95	100	100	95.03	0.14	0.52	
3821	3842	37.14	100	100	30.60	0.05	0.06	
3822	3843	38.1	100	100	63.43	0.09	0.25	
3823	3844	36.28	100	100	76.28	0.11	0.35	
3824	3845	32.92	100	100	1.88	0	0	
3825	3846	188.61	100	100	96.18	0.14	0.53	
3826	3847	48.97	100	100	230.67	0.34	2.68	
3827	3848	144.16	100	100	132.00	0.19	0.95	
3828	3849	150.42	100	100	3.42	0.01	0	
3829	3850	122.92	100	100	31.97	0.05	0.07	
3830	3851	34.68	100	100	115.85	0.17	0.75	
3831	3852	37.67	100	100	104.44	0.15	0.62	
3832	3853	41.33	100	100	65.12	0.1	0.26	
3833	3854	38.75	100	100	204.12	0.3	2.14	
3834	3855	9.33	100	100	282.23	0.42	3.9	
3835	3856	61.36	100	100	115.57	0.17	0.75	
3836	3857	36.88	100	100	330.76	0.49	5.23	
3837	3858	68.88	100	100	111.38	0.16	0.7	
3838	3859	186.46	100	100	68.38	0.1	0.28	
3839	3860	175	100	100	67.13	0.1	0.27	
3840	3861	120.47	100	100	0.60	0	0	
3841	3862	137.07	100	100	26.38	0.04	0.05	
3842	3863	168.55	100	100	39.43	0.06	0.1	
3843	3864	61.22	100	100	81.96	0.12	0.4	
3844	3865	82.95	100	100	552.30	0.81	13.52	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
3845	3866	113.28	100	100	340.66	0.5	5.53	
3846	3867	18.57	100	100	325.96	0.48	5.09	
3847	3868	65.55	100	100	14.07	0.02	0.02	
3848	3869	136.08	100	100	21.31	0.03	0.03	
3849	3870	10.09	100	100	20.98	0.03	0.03	
3850	3871	48.33	100	100	56.73	0.08	0.2	
3851	3872	154.19	100	100	17.67	0.03	0.02	
3852	3873	227.73	100	100	6.56	0.01	0	
3853	3874	146.24	100	100	99.07	0.15	0.56	
3854	3875	77.04	100	100	11.95	0.02	0.01	
3855	3876	126.51	100	100	22.91	0.03	0.04	
3856	3877	150.9	100	100	51.48	0.08	0.17	
3857	3878	54.79	100	100	5.07	0.01	0	
3858	3879	41.72	100	100	21.04	0.03	0.03	
3859	3880	23.36	100	100	121.22	0.18	0.82	
3860	3881	126.75	100	100	5.39	0.01	0	
3861	3882	119.82	100	100	248.86	0.37	3.09	
3862	3883	31.87	100	100	353.37	0.52	5.91	
3863	3884	81.55	100	100	10.41	0.02	0.01	
3864	3885	110.61	100	100	0.63	0	0	
3865	3886	82.39	100	100	202.98	0.3	2.12	
3866	3887	32.9	100	100	275.08	0.41	3.72	
3867	3888	192.69	100	100	40.11	0.06	0.11	
3868	3889	18.49	100	100	59.07	0.09	0.22	
3869	3890	15.38	100	100	87.26	0.13	0.44	
3870	3891	10.82	100	100	44.40	0.07	0.13	
3871	3892	31.75	100	100	89.81	0.13	0.47	
3872	3893	144.84	100	100	20.12	0.03	0.03	
3873	3894	173.79	100	100	21.93	0.03	0.03	
3874	3895	95.19	100	100	46.59	0.07	0.14	
3875	3896	19.54	100	100	266.20	0.39	3.5	
3876	3897	750.01	1000	100	27,459.85	0.4	0.25	
3877	3898	1513.57	1100	100	76,726.13	0.93	1.06	
3878	3899	235.42	1100	100	80,663.49	0.98	1.17	
3879	3900	83.9	1100	100	0.00	0	0	
3880	3901	261.03	1100	100	80,663.50	0.98	1.17	
3881	3902	7.15	1100	100	83,040.69	1.01	1.23	
3882	3903	248.24	1100	100	83,040.69	1.01	1.23	
3883	3904	92.57	150	100	329.14	0.22	0.72	
3884	3905	89.58	150	100	332.75	0.22	0.73	
3885	3906	27.91	150	100	815.84	0.53	3.87	
3886	3907	43.88	150	100	507.88	0.33	1.61	
3887	3908	47.11	150	100	100.89	0.07	0.08	
3888	3909	25.65	150	100	805.23	0.53	3.77	
3889	3910	68.86	150	100	536.39	0.35	1.78	
3890	3911	92.94	150	100	38.26	0.03	0.01	
3891	3912	51.34	150	100	211.82	0.14	0.32	
3892	3913	93.36	150	100	174.09	0.11	0.22	
3893	3914	174.99	150	100	550.53	0.36	1.87	
3894	3915	63.23	150	100	725.66	0.48	3.11	
3895	3916	19.36	150	100	358.99	0.24	0.84	
3896	3917	19.49	150	100	137.61	0.09	0.14	
3897	3918	15.72	150	100	399.26	0.26	1.03	
3898	3919	51.8	150	100	68.51	0.04	0.04	
3899	3920	3.17	150	100	342.55	0.22	0.77	
3900	3921	46.7	150	100	693.98	0.45	2.86	
3901	3922	118.64	150	100	33.29	0.02	0.01	
3902	3923	12.91	150	100	409.47	0.27	1.08	
3903	3924	265.41	150	100	60.82	0.04	0.03	
3904	3925	78.52	150	100	258.01	0.17	0.46	
3905	3926	15.29	150	100	576.42	0.38	2.03	
3906	3927	183.17	150	100	176.76	0.12	0.23	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
3907	3928	30.35	150	100	343.44	0.22	0.78	
3908	3929	2.96	150	100	190.10	0.12	0.26	
3909	3930	103.4	150	100	31.78	0.02	0.01	
3910	3931	76.02	150	100	424.53	0.28	1.15	
3911	3932	467.61	150	100	28.60	0.02	0.01	
3912	3933	138.08	150	100	362.74	0.24	0.86	
3913	3934	39.53	150	100	88.56	0.06	0.06	
3914	3935	14.9	150	100	894.05	0.59	4.58	
3915	3936	360.66	150	100	73.40	0.05	0.04	
3916	3937	622.6	150	100	326.47	0.21	0.71	
3917	3938	52.08	200	100	934.33	0.34	1.22	
3918	3939	3.26	200	100	1,776.79	0.65	4.02	
3919	3940	157.17	200	100	106.77	0.04	0.02	
3920	3941	36.96	200	100	892.05	0.33	1.12	
3921	3942	50.36	200	100	162.33	0.06	0.05	
3922	3943	46.64	200	100	117.48	0.04	0.03	
3923	3944	51.05	200	100	74.01	0.03	0.01	
3924	3945	38.35	200	100	212.75	0.08	0.08	
3925	3946	37.77	200	100	55.67	0.02	0.01	
3926	3947	32.38	200	100	1,084.61	0.4	1.61	
3927	3948	59.83	200	100	361.86	0.13	0.21	
3928	3949	19.34	200	100	345.31	0.13	0.19	
3929	3950	95.63	200	100	295.05	0.11	0.14	
3930	3951	110.33	200	100	184.84	0.07	0.06	
3931	3952	40.87	200	100	193.79	0.07	0.07	
3932	3953	450.77	200	100	517.02	0.19	0.41	
3933	3954	50.5	200	100	1,760.38	0.65	3.95	
3934	3955	41.75	200	100	961.10	0.35	1.29	
3935	3956	312.96	200	100	864.55	0.32	1.06	
3936	3957	97.23	200	100	561.63	0.21	0.48	
3937	3958	39.73	200	100	375.39	0.14	0.23	
3938	3959	151.82	200	100	1,899.95	0.7	4.56	
3939	3960	40.23	200	100	1,518.61	0.56	3.01	
3940	3961	16.4	200	100	320.48	0.12	0.17	
3941	3962	51.71	200	100	677.40	0.25	0.67	
3942	3963	87.36	200	100	672.75	0.25	0.67	
3943	3964	130.41	200	100	1,019.85	0.38	1.44	
3944	3965	8.38	200	100	297.08	0.11	0.15	
3945	3966	9.36	200	100	352.35	0.13	0.2	
3946	3967	146.03	200	100	619.61	0.23	0.57	
3947	3968	166.86	200	100	141.64	0.05	0.04	
3948	3969	6.87	200	100	181.86	0.07	0.06	
3949	3970	110.62	200	100	172.54	0.06	0.05	
3950	3971	45.31	200	100	342.91	0.13	0.19	
3951	3972	12.49	200	100	262.21	0.1	0.12	
3952	3973	40.95	200	100	527.69	0.19	0.42	
3953	3974	333.94	200	100	105.80	0.04	0.02	
3954	3975	681.08	250	100	959.59	0.23	0.43	
3955	3976	245.48	300	100	792.45	0.13	0.13	
3956	3977	2.35	300	100	3,682.95	0.6	2.15	
3957	3978	308	300	100	3,761.34	0.62	2.24	
3958	3979	20.83	300	100	831.32	0.14	0.14	
3959	3980	52.46	300	100	2,252.36	0.37	0.87	
3960	3981	17.45	300	100	1,602.81	0.26	0.46	
3961	3982	164.33	300	100	1,535.08	0.25	0.43	
3962	3983	180.66	300	100	1,112.14	0.18	0.23	
3963	3984	2.97	300	100	2,244.30	0.37	0.86	
3964	3985	16.03	300	100	2,499.19	0.41	1.05	
3965	3986	17.32	300	100	1,187.12	0.19	0.26	
3966	3987	518.1	300	100	2,369.99	0.39	0.95	
3967	3988	102.23	400	100	1,022.40	0.09	0.05	
3968	3989	99.38	400	100	813.54	0.07	0.03	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
3969	3990	157.54	400	100	1.103.72	0.1	0.06	
3970	3991	10.11	400	100	1.206.12	0.11	0.07	
3971	3992	10.43	400	100	1.079.48	0.1	0.05	
3972	3993	113.76	400	100	122.77	0.01	0	
3973	3994	163.71	400	100	97.76	0.01	0	
3974	3995	87.72	400	100	5.072.42	0.47	0.96	
3975	3996	8.44	400	100	173.05	0.02	0	
3976	3997	14.58	400	100	4.326.38	0.4	0.71	
3977	3998	191.32	400	100	5.040.56	0.46	0.95	
3978	3999	59.72	400	100	6.556.01	0.6	1.54	
3979	4000	1236.27	400	100	1.899.95	0.17	0.16	
3980	4001	49.47	400	100	1.524.18	0.14	0.1	
3981	4002	56.37	500	100	1.774.68	0.1	0.05	
3982	4003	11.64	500	100	1.830.73	0.11	0.05	
3983	4004	135.05	500	100	1.895.03	0.11	0.05	
3984	4005	56.73	500	100	2.392.71	0.14	0.08	
3985	4006	170.59	500	100	2.265.00	0.13	0.07	
3986	4007	143.14	500	100	1.679.50	0.1	0.04	
3987	4008	102.79	500	100	2.367.02	0.14	0.08	
3988	4009	116.53	600	100	1.206.12	0.05	0.01	
3989	4010	10.26	600	100	14.258.74	0.58	0.9	
3990	4011	15.7	600	100	18.106.68	0.74	1.41	
3991	4012	4.52	600	100	2.731.00	0.11	0.04	
3992	4013	1045.43	600	100	15.136.66	0.62	1.01	
3993	4014	5.23	700	100	3.937.36	0.12	0.04	
3994	4015	64.57	80	100	149.55	0.34	3.57	
3995	4016	80.02	80	100	116.73	0.27	2.25	
3996	4017	93.42	80	100	127.67	0.29	2.66	
3997	4018	79.97	80	100	449.18	1.03	27.35	
3998	4019	125.37	80	100	39.25	0.09	0.3	
3999	4020	106.03	80	100	10.40	0.02	0.03	
4000	4021	48.36	80	100	136.23	0.31	3	
4001	4022	46.6	80	100	128.40	0.3	2.69	
4002	4023	138.31	80	100	55.04	0.13	0.56	
4003	4024	202.15	80	100	42.68	0.1	0.35	
4004	4025	85.43	80	100	96.47	0.22	1.58	
4005	4026	114.22	80	100	70.56	0.16	0.89	
4006	4027	41	80	100	84.26	0.19	1.23	
4007	4028	41.43	80	100	129.18	0.3	2.72	
4008	4029	228.1	80	100	177.68	0.41	4.91	
4009	4030	117.13	80	100	199.62	0.46	6.09	
4010	4031	234.03	80	100	15.85	0.04	0.06	
4011	4032	115.92	100	100	98.06	0.14	0.55	
4012	4033	271.98	100	100	94.22	0.14	0.51	
4013	4034	48.97	100	100	119.17	0.18	0.79	
4014	4035	201.29	100	100	33.95	0.05	0.08	
4015	4036	115.87	100	100	3.43	0.01	0	
4016	4037	116.01	100	100	36.67	0.05	0.09	
4017	4038	144.04	100	100	107.23	0.16	0.65	
4018	4039	131.61	100	100	56.84	0.08	0.2	
4019	4040	106.71	100	100	54.13	0.08	0.18	
4020	4041	66.37	100	100	71.01	0.1	0.3	
4021	4042	100.33	100	100	81.87	0.12	0.39	
4022	4043	111.41	100	100	43.94	0.06	0.12	
4023	4044	139.53	100	100	43.41	0.06	0.12	
4024	4045	260.68	100	100	34.49	0.05	0.08	
4025	4046	223.96	100	100	29.15	0.04	0.06	
4026	4047	47.8	100	100	186.11	0.27	1.8	
4027	4048	8.17	100	100	189.43	0.28	1.86	
4028	4049	58.53	100	100	0.81	0	0	
4029	4050	35.57	100	100	35.22	0.05	0.08	
4030	4051	20.17	100	100	20.57	0.03	0.03	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
4031	4052	23.44	100	100	4.80	0.01	0	
4032	4053	42.61	80	100	12.61	0.03	0.04	
4033	4054	39.47	100	100	12.26	0.02	0.01	
4034	4055	101.53	100	100	4.93	0.01	0	
4035	4056	36.06	100	100	304.00	0.45	4.48	
4036	4057	134.56	100	100	4.20	0.01	0	
4037	4058	70.58	100	100	7.24	0.01	0	
4038	4059	172.76	100	100	228.34	0.34	2.63	
4039	4060	35.22	100	100	54.93	0.08	0.19	
4040	4061	366.15	100	100	66.43	0.1	0.27	
4041	4062	149.75	100	100	79.94	0.12	0.38	
4042	4063	88.51	100	100	21.26	0.03	0.03	
4043	4064	10.35	100	100	174.59	0.26	1.6	
4044	4065	40.14	100	100	33.84	0.05	0.08	
4045	4066	3.13	100	100	3.56	0.01	0	
4046	4067	1979.45	100	100	21.50	0.03	0.03	
4047	4068	717.91	1100	100	11,899.99	0.14	0.03	
4048	4069	100.04	150	100	380.36	0.25	0.94	
4049	4070	163	150	100	101.31	0.07	0.08	
4050	4071	117.27	150	100	447.91	0.29	1.27	
4051	4072	50.99	150	100	40.75	0.03	0.01	
4052	4073	69.78	150	100	216.27	0.14	0.33	
4053	4074	31.85	150	100	419.94	0.28	1.13	
4054	4075	77.95	150	100	204.84	0.13	0.3	
4055	4076	146.14	150	100	35.45	0.02	0.01	
4056	4077	18.71	150	100	234.24	0.15	0.38	
4057	4078	91.94	150	100	285.56	0.19	0.55	
4058	4079	59.65	150	100	429.00	0.28	1.18	
4059	4080	30.2	150	100	61.20	0.04	0.03	
4060	4081	121.58	150	100	245.91	0.16	0.42	
4061	4082	12.11	150	100	697.13	0.46	2.89	
4062	4083	89.61	150	100	131.65	0.09	0.13	
4063	4084	217.16	150	100	258.57	0.17	0.46	
4064	4085	95.84	150	100	257.61	0.17	0.46	
4065	4086	69.47	150	100	297.95	0.2	0.6	
4066	4087	91.01	150	100	130.65	0.09	0.13	
4067	4088	46.97	150	100	446.21	0.29	1.26	
4068	4089	54.65	150	100	196.76	0.13	0.28	
4069	4090	91.02	150	100	409.61	0.27	1.08	
4070	4091	11.94	150	100	149.05	0.1	0.17	
4071	4092	18.15	150	100	102.54	0.07	0.08	
4072	4093	172.04	150	100	45.11	0.03	0.02	
4073	4094	147.38	150	100	419.96	0.28	1.13	
4074	4095	142.33	150	100	38.09	0.02	0.01	
4075	4096	63.82	150	100	44.86	0.03	0.02	
4076	4097	146.88	150	100	390.42	0.26	0.99	
4077	4098	26.82	150	100	70.29	0.05	0.04	
4078	4099	22.74	150	100	637.33	0.42	2.45	
4079	4100	158.69	150	100	211.84	0.14	0.32	
4080	4101	135	150	100	116.10	0.08	0.1	
4081	4102	11.48	150	100	109.54	0.07	0.09	
4082	4103	38.44	150	100	209.90	0.14	0.31	
4083	4104	11.04	150	100	92.04	0.06	0.07	
4084	4105	7.76	150	100	286.16	0.19	0.55	
4085	4106	15.4	150	100	40.53	0.03	0.01	
4086	4107	220.76	150	100	41.99	0.03	0.02	
4087	4108	54.96	200	100	415.88	0.15	0.27	
4088	4109	115.41	200	100	291.12	0.11	0.14	
4089	4110	146.66	200	100	884.75	0.33	1.11	
4090	4111	78.88	200	100	276.72	0.1	0.13	
4091	4112	658.43	200	100	0.29	0	0	
4092	4113	16.58	200	100	1,401.53	0.52	2.59	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
4093	4114	118.75	200	100	731.93	0.27	0.78	
4094	4115	95.21	200	100	0.00	0	0	
4095	4116	272.89	200	100	260.21	0.1	0.11	
4096	4118	28.88	200	100	205.06	0.08	0.07	
4097	4119	40.48	200	100	158.18	0.06	0.05	
4098	4120	74.37	200	100	55.88	0.02	0.01	
4099	4121	181.71	200	100	107.58	0.04	0.02	
4100	4122	9.23	200	100	123.88	0.05	0.03	
4101	4123	107.38	200	100	90.10	0.03	0.02	
4102	4124	0.54	200	100	36.17	0.01	0	
4103	4125	40.94	200	100	142.10	0.05	0.04	
4104	4126	56.65	200	100	152.50	0.06	0.04	
4105	4127	95.39	200	100	386.33	0.14	0.24	
4106	4128	11.05	200	100	730.09	0.27	0.78	
4107	4129	19.99	200	100	475.10	0.18	0.35	
4108	4130	150.2	200	100	425.72	0.16	0.29	
4109	4131	40.03	200	100	535.49	0.2	0.44	
4110	4132	293.89	200	100	277.58	0.1	0.13	
4111	4133	60.51	200	100	489.93	0.18	0.37	
4112	4134	56.78	200	100	428.08	0.16	0.29	
4113	4135	55.06	200	100	684.34	0.25	0.69	
4114	4136	81.02	200	100	30.89	0.01	0	
4115	4137	134.22	200	100	6.39	0	0	
4116	4138	4.79	300	100	522.33	0.09	0.06	
4117	4139	300.44	300	100	1,412.71	0.23	0.37	
4118	4140	28.83	300	100	1,063.81	0.17	0.22	
4119	4141	11.46	300	100	898.32	0.15	0.16	
4120	4142	36.87	300	100	2,273.34	0.37	0.88	
4121	4143	74.12	300	100	1,861.85	0.3	0.61	
4122	4144	86.36	300	100	738.64	0.12	0.11	
4123	4145	206.54	300	100	554.75	0.09	0.06	
4124	4146	27.76	300	100	1,020.07	0.17	0.2	
4125	4147	11.7	300	100	3,522.52	0.58	1.98	
4126	4148	11.28	300	100	445.59	0.07	0.04	
4127	4149	208.12	300	100	418.70	0.07	0.04	
4128	4150	174.44	300	100	2,126.15	0.35	0.78	
4129	4151	10.33	350	100	733.00	0.09	0.05	
4130	4152	254.19	350	100	1,342.23	0.16	0.16	
4131	4153	358.54	400	100	4,051.77	0.37	0.63	
4132	4154	85.54	400	100	4,242.90	0.39	0.69	
4133	4155	539.39	400	100	4,048.21	0.37	0.63	
4134	4157	4.84	400	100	1,551.62	0.14	0.11	
4135	4158	7.64	400	100	791.13	0.07	0.03	
4136	4159	17.21	400	100	5,741.18	0.53	1.21	
4137	4160	4.56	400	100	325.91	0.03	0.01	
4138	4161	148.98	400	100	2,726.08	0.25	0.3	
4139	4162	311.09	400	100	3,271.84	0.3	0.43	
4140	4163	105.45	500	100	5,536.12	0.33	0.38	
4141	4164	10.19	500	100	1,586.74	0.09	0.04	
4142	4165	150.83	500	100	5,681.07	0.33	0.4	
4143	4166	78.77	150	100	387.22	0.25	0.97	
4144	4167	79.15	80	100	5.78	0.01	0.01	
4145	4168	94.07	80	100	55.94	0.13	0.58	
4146	4169	80.62	80	100	59.96	0.14	0.66	
4147	4170	464.22	80	100	24.93	0.06	0.13	
4148	4171	122.33	80	100	14.09	0.03	0.04	
4149	4172	105.41	80	100	6.27	0.01	0.01	
4150	4173	49.2	80	100	0.92	0	0	
4151	4174	36.4	80	100	52.71	0.12	0.52	
4152	4175	147.02	80	100	22.57	0.05	0.11	
4153	4176	25.32	80	100	77.00	0.18	1.04	
4154	4177	27.81	80	100	37.51	0.09	0.28	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
4155	4178	102.85	80	100	3.14	0.01	0	
4156	4179	186.92	80	100	3.84	0.01	0	
4157	4180	102.81	80	100	9.37	0.02	0.02	
4158	4181	78.88	80	100	4.07	0.01	0	
4159	4182	20.76	80	100	2.26	0.01	0	
4160	4183	102.93	80	100	5.00	0.01	0.01	
4161	4184	143.37	80	100	8.39	0.02	0.02	
4162	4185	156.9	80	100	7.56	0.02	0.01	
4163	4186	83.03	80	100	7.93	0.02	0.02	
4164	4187	268.14	300	100	1,042.22	0.17	0.21	
4165	4188	256.34	300	100	734.56	0.12	0.11	
4166	4189	36.61	80	100	15.62	0.04	0.05	
4167	4190	74.11	200	100	95.69	0.04	0.02	
4168	4191	27.79	150	100	706.16	0.46	2.96	
4169	4192	212.63	100	100	82.66	0.12	0.4	
4170	4193	69.93	100	100	69.69	0.1	0.29	
4171	4194	8.44	100	100	46.01	0.07	0.13	
4172	4195	126.3	100	100	45.21	0.07	0.13	
4173	4196	124.44	100	100	21.83	0.03	0.03	
4174	4197	12.22	100	100	49.30	0.07	0.15	
4175	4198	55.03	100	100	81.07	0.12	0.39	
4176	4199	292.88	100	100	16.09	0.02	0.02	
4177	4200	42.26	100	100	27.50	0.04	0.05	
4178	4201	197.77	100	100	26.25	0.04	0.05	
4179	4202	0.3	100	100	228.07	0.34	2.64	
4180	4203	156.82	100	100	72.25	0.11	0.31	
4181	4204	79.36	100	100	0.00	0	0	
4182	4205	8.82	100	100	30.21	0.04	0.06	
4183	4206	105.61	100	100	92.23	0.14	0.49	
4184	4207	82.32	100	100	89.94	0.13	0.47	
4185	4208	87.37	100	100	29.74	0.04	0.06	
4186	4209	73.98	100	100	76.76	0.11	0.35	
4187	4210	83.46	100	100	33.23	0.05	0.07	
4188	4211	65.54	100	100	27.79	0.04	0.05	
4189	4212	49.46	100	100	86.73	0.13	0.44	
4190	4213	65.92	100	100	2.59	0	0	
4191	4214	72.57	100	100	9.19	0.01	0.01	
4192	4215	123.29	100	100	12.63	0.02	0.01	
4193	4216	33.38	100	100	9.39	0.01	0.01	
4194	4217	41.6	100	100	39.96	0.06	0.1	
4195	4218	89.49	100	100	89.35	0.13	0.46	
4196	4219	5.5	100	100	16.33	0.02	0.02	
4197	4220	30.68	100	100	48.67	0.07	0.15	
4198	4221	77.62	100	100	50.05	0.07	0.16	
4199	4222	127.42	100	100	96.46	0.14	0.53	
4200	4223	126.76	100	100	0.00	0	0	
4201	4224	179.86	100	100	29.73	0.04	0.06	
4202	4225	151.55	100	100	24.61	0.04	0.04	
4203	4226	38.99	100	100	41.07	0.06	0.11	
4204	4227	128.61	100	100	47.74	0.07	0.15	
4205	4228	39.23	100	100	19.15	0.03	0.03	
4206	4229	35.95	100	100	19.47	0.03	0.03	
4207	4230	76.69	100	100	28.87	0.04	0.06	
4208	4231	37.72	100	100	7.39	0.01	0	
4209	4232	85.74	100	100	31.39	0.05	0.07	
4210	4233	70.19	100	100	77.49	0.11	0.36	
4211	4234	75.51	100	100	47.28	0.07	0.14	
4212	4235	40.82	100	100	39.97	0.06	0.1	
4213	4236	57.19	100	100	93.82	0.14	0.51	
4214	4237	41.92	100	100	120.63	0.18	0.81	
4215	4238	30.94	100	100	1.10	0	0	
4216	4239	153.81	100	100	102.38	0.15	0.6	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
4217	4240	42.31	100	100	3.75	0.01	0	
4218	4241	105.84	100	100	109.45	0.16	0.67	
4219	4242	39.54	100	100	33.58	0.05	0.08	
4220	4244	236.72	100	100	4.58	0.01	0	
4221	4245	320.32	100	100	22.78	0.03	0.04	
4222	4246	244.3	100	100	36.40	0.05	0.09	
4223	4247	39.98	100	100	78.47	0.12	0.36	
4224	4248	98.11	100	100	20.71	0.03	0.03	
4225	4249	26.77	100	100	69.28	0.1	0.29	
4226	4250	26.77	100	100	107.55	0.16	0.65	
4227	4251	37.93	100	100	79.72	0.12	0.38	
4228	4252	36.85	100	100	84.28	0.12	0.42	
4229	4253	39.98	100	100	85.49	0.13	0.43	
4230	4254	123.97	100	100	106.20	0.16	0.64	
4231	4255	94.14	100	100	14.78	0.02	0.02	
4232	4256	37.93	100	100	72.66	0.11	0.32	
4233	4257	98.11	100	100	8.07	0.01	0.01	
4234	4258	36.85	100	100	50.31	0.07	0.16	
4235	4259	98.11	100	100	19.74	0.03	0.03	
4236	4260	98.11	100	100	43.92	0.06	0.12	
4237	4261	171.32	150	100	386.75	0.25	0.97	
4238	4262	84.34	150	100	355.03	0.23	0.83	
4239	4263	131.35	150	100	215.92	0.14	0.33	
4240	4264	15.27	150	100	446.23	0.29	1.26	
4241	4265	184.48	150	100	73.95	0.05	0.05	
4242	4266	34.02	150	100	142.13	0.09	0.15	
4243	4267	8.54	150	100	432.36	0.28	1.19	
4244	4268	43.02	150	100	401.99	0.26	1.04	
4245	4269	53.66	150	100	87.33	0.06	0.06	
4246	4270	34.19	150	100	368.76	0.24	0.89	
4247	4272	31.64	150	100	109.97	0.07	0.09	
4248	4273	174.44	150	100	312.06	0.2	0.65	
4249	4274	687.21	150	100	18.29	0.01	0	
4250	4275	402.82	150	100	168.51	0.11	0.21	
4251	4276	795.29	200	100	2,274.57	0.84	6.36	
4252	4277	140.51	200	100	671.82	0.25	0.66	
4253	4278	89.34	200	100	545.96	0.2	0.45	
4254	4279	54.43	200	100	433.61	0.16	0.3	
4255	4280	166.74	200	100	1,022.37	0.38	1.45	
4256	4281	8.38	200	100	304.11	0.11	0.15	
4257	4282	16.32	200	100	5.46	0	0	
4258	4283	120.55	200	100	559.02	0.21	0.47	
4259	4284	92.34	200	100	458.20	0.17	0.33	
4260	4285	31.23	200	100	107.94	0.04	0.02	
4261	4286	42.45	200	100	248.77	0.09	0.11	
4262	4287	36.91	200	100	390.07	0.14	0.24	
4263	4288	39.9	200	100	57.99	0.02	0.01	
4264	4289	31.53	200	100	664.16	0.24	0.65	
4265	4291	107.79	200	100	648.33	0.24	0.62	
4266	4292	53.29	200	100	482.57	0.18	0.36	
4267	4293	60.47	200	100	506.93	0.19	0.39	
4268	4294	10.2	200	100	1,449.69	0.53	2.76	
4269	4295	114.76	200	100	638.43	0.24	0.6	
4270	4296	5.95	300	100	2,908.65	0.48	1.39	
4271	4297	51.11	300	100	2,020.91	0.33	0.71	
4272	4298	77.77	300	100	28.56	0	0	
4273	4299	21.1	300	100	1,319.46	0.22	0.32	
4274	4300	38.38	300	100	1,311.19	0.21	0.32	
4275	4301	85.01	300	100	383.13	0.06	0.03	
4276	4302	116.04	300	100	344.02	0.06	0.03	
4277	4303	47.25	300	100	1,182.92	0.19	0.26	
4278	4304	73.99	300	100	478.59	0.08	0.05	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
4279	4305	370.5	300	100	480.46	0.08	0.05	
4280	4306	244.31	300	100	283.58	0.05	0.02	
4281	4307	33.28	300	100	752.10	0.12	0.11	
4282	4308	63.19	300	100	338.51	0.06	0.03	
4283	4309	61.69	300	100	338.51	0.06	0.03	
4284	4310	80.16	300	100	444.71	0.07	0.04	
4285	4311	27.55	300	100	4.60	0	0	
4286	4312	60.47	300	100	424.49	0.07	0.04	
4287	4313	53.29	300	100	461.14	0.08	0.05	
4288	4314	244.31	300	100	949.73	0.16	0.18	
4289	4315	133.42	400	100	1,268.62	0.12	0.07	
4290	4316	121.48	400	100	4,286.30	0.39	0.7	
4291	4317	17.56	400	100	4,359.06	0.4	0.72	
4292	4318	280.97	400	100	1,278.53	0.12	0.07	
4293	4319	347.47	500	100	6,591.82	0.39	0.53	
4294	4320	25	600	100	1,859.78	0.08	0.02	
4295	4321	252.83	600	100	1,777.92	0.07	0.02	
4296	4322	498.36	80	100	16.51	0.04	0.06	
4297	4323	134.65	80	100	0.00	0	0	
4298	4324	2354.6	150	100	100.88	0.07	0.08	
4299	4325	616.21	200	100	72.20	0.03	0.01	
4300	4326	100.81	200	100	438.87	0.16	0.3	
4301	4327	385.56	200	100	119.05	0.04	0.03	
4302	4328	85.57	300	100	0.00	0	0	
4303	4329	20.99	100	100	34.53	0.05	0.08	
4304	4330	155.06	80	100	5.72	0.01	0.01	
4305	4331	41.73	400	100	59.29	0.01	0	
4306	4332	22.39	100	100	9.80	0.01	0.01	
4307	4333	120.49	300	100	202.52	0.03	0.01	
4308	4334	163.21	80	100	8.24	0.02	0.02	
4309	4335	41.06	80	100	3.93	0.01	0	
4310	4336	724.19	500	100	4,638.34	0.27	0.27	
4311	4337	310.48	900	100	32,509.79	0.59	0.58	
4312	4338	2089.53	900	100	14,433.85	0.26	0.13	
4313	4339	702.71	900	100	1,147.59	0.02	0	
4314	4340	1028.73	900	100	26,902.51	0.49	0.41	
4315	4341	56.21	900	100	16,738.37	0.3	0.17	
4316	4342	1443.61	900	100	18,194.84	0.33	0.2	
4317	4343	392.11	80	100	32.82	0.08	0.22	
4318	4344	147.44	80	100	3.65	0.01	0	
4319	4345	118.21	80	100	591.61	1.36	45.55	
4320	4346	261.52	80	100	3.97	0.01	0	
4321	4347	507.76	80	100	0.59	0	0	
4322	4348	160.41	80	100	2.21	0.01	0	
4323	4349	166.35	80	100	2.74	0.01	0	
4324	4350	248.74	80	100	25.37	0.06	0.13	
4325	4351	127.87	80	100	10.34	0.02	0.03	
4326	4352	42.82	80	100	0.79	0	0	
4327	4353	39.75	80	100	11.62	0.03	0.03	
4328	4354	96.83	80	100	28.65	0.07	0.17	
4329	4355	36.17	80	100	45.88	0.11	0.4	
4330	4356	136.81	80	100	91.73	0.21	1.44	
4331	4357	129.45	80	100	58.70	0.14	0.63	
4332	4358	292.61	80	100	10.80	0.02	0	
4333	4359	274.27	80	100	174.32	0.4	4.74	
4334	4360	348.85	80	100	0.00	0	0	
4335	4361	741.58	80	100	0.00	0	0	
4336	4362	265.86	80	100	10.34	0.02	0.03	
4337	4363	48.77	80	100	92.46	0.21	1.46	
4338	4364	140.97	80	100	13.98	0.03	0.04	
4339	4365	299.5	80	100	35.88	0.08	0.25	
4340	4366	190.04	80	100	12.09	0.03	0.03	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
4341	4367	130.8	80	100	5.73	0.01	0.01	
4342	4368	136.24	80	100	1.92	0	0	
4343	4369	150.25	80	100	18.32	0.04	0.07	
4344	4370	113.23	80	100	0.81	0	0	
4345	4371	112.99	80	100	1.74	0	0	
4346	4372	135.2	80	100	16.96	0.04	0.06	
4347	4373	115.53	80	100	75.58	0.17	1.01	
4348	4374	117.31	80	100	80.47	0.19	1.13	
4349	4375	113.25	80	100	1.58	0	0	
4350	4376	115.11	80	100	29.98	0.07	0.18	
4351	4377	111.99	80	100	46.14	0.11	0.36	
4352	4378	104.29	80	100	24.63	0.06	0.13	
4353	4379	83.82	80	100	0.11	0	0	
4354	4380	150.07	80	100	26.54	0.06	0.15	
4355	4381	33.85	80	100	35.99	0.08	0.26	
4356	4382	108.47	80	100	8.33	0.02	0.01	
4357	4383	117.47	80	100	87.42	0.2	1.32	
4358	4384	46.81	80	100	13.14	0.03	0.04	
4359	4385	34.93	80	100	11.07	0.03	0.03	
4360	4386	143.5	80	100	38.30	0.09	0.29	
4361	4387	151.38	80	100	6.23	0.01	0.01	
4362	4388	146.73	80	100	7.79	0.02	0.01	
4363	4389	75.14	80	100	1.89	0	0	
4364	4390	40.52	80	100	18.75	0.04	0.08	
4365	4391	40.02	80	100	21.27	0.05	0.1	
4366	4392	44.63	80	100	18.78	0.04	0.08	
4367	4393	30.46	80	100	5.86	0.01	0.01	
4368	4394	28.49	80	100	5.95	0.01	0.01	
4369	4395	84.65	80	100	0.23	0	0	
4370	4396	102	80	100	7.74	0.02	0.01	
4371	4397	35.87	80	100	13.92	0.03	0.04	
4372	4398	101.64	80	100	9.08	0.02	0.02	
4373	4399	39.61	80	100	0.60	0	0	
4374	4400	152.06	80	100	2.75	0.01	0	
4375	4401	263.84	80	100	37.50	0.09	0.28	
4376	4402	149.81	80	100	100.29	0.23	1.7	
4377	4403	189.21	80	100	78.40	0.18	1.08	
4378	4404	117.84	80	100	16.54	0.04	0.06	
4379	4405	166.14	80	100	12.30	0.03	0.03	
4380	4406	40.65	80	100	52.59	0.12	0.52	
4381	4407	37	80	100	54.42	0.13	0.55	
4382	4408	37.95	80	100	65.03	0.15	0.76	
4383	4409	109.32	80	100	17.76	0.04	0.07	
4384	4410	22.24	80	100	9.00	0.02	0.02	
4385	4411	39.62	80	100	46.98	0.11	0.42	
4386	4412	57.6	80	100	16.35	0.04	0.06	
4387	4413	44.16	80	100	61.38	0.14	0.69	
4388	4414	110	80	100	11.07	0.03	0.03	
4389	4415	106.47	80	100	13.61	0.03	0.04	
4390	4416	148.89	80	100	14.86	0.03	0.05	
4391	4417	41.11	80	100	19.16	0.04	0.08	
4392	4418	68.27	80	100	13.10	0.03	0.04	
4393	4419	13.85	80	100	23.92	0.06	0.12	
4394	4420	44.51	80	100	35.11	0.08	0.24	
4395	4421	101.51	80	100	6.27	0.01	0.01	
4396	4422	200.14	80	100	3.28	0.01	0	
4397	4423	100.57	80	100	10.53	0.02	0.03	
4398	4424	225.91	80	100	2.03	0	0	
4399	4425	270.88	80	100	18.00	0.04	0.07	
4400	4426	504.6	80	100	21.39	0.05	0.1	
4401	4427	123.93	80	100	11.39	0.03	0.03	
4402	4428	35.14	80	100	7.93	0.02	0.02	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
4403	4429	122.58	80	100	17.58	0.04	0.06	
4404	4430	105.2	80	100	6.38	0.01	0.01	
4405	4431	90.41	80	100	26.09	0.06	0.14	
4406	4432	104.48	80	100	15.49	0.04	0.05	
4407	4433	251.7	80	100	22.90	0.05	0.11	
4408	4434	39.77	80	100	12.08	0.03	0.03	
4409	4435	134.16	80	100	14.23	0.03	0.05	
4410	4436	36.23	80	100	12.73	0.03	0.04	
4411	4437	94.19	80	100	17.23	0.04	0.07	
4412	4438	36.38	80	100	39.80	0.09	0.31	
4413	4439	91.21	80	100	24.58	0.06	0.13	
4414	4440	29.65	80	100	30.04	0.07	0.18	
4415	4441	91.71	80	100	8.62	0.02	0.02	
4416	4442	443.36	80	100	66.67	0.15	0.8	
4417	4443	162.83	80	100	10.51	0.02	0.03	
4418	4444	134.3	80	100	11.43	0.03	0.03	
4419	4445	112.67	80	100	15.39	0.04	0.05	
4420	4446	101.6	80	100	18.95	0.04	0.08	
4421	4447	25.18	80	100	14.88	0.03	0.05	
4422	4448	185.26	80	100	24.93	0.06	0.13	
4423	4449	0.34	80	100	0.00	0	0	
4424	4450	215.02	80	100	19.58	0.05	0.08	
4425	4451	91.99	80	100	8.80	0.02	0.02	
4426	4452	97.77	80	100	12.79	0.03	0.04	
4427	4453	26.27	80	100	0.00	0	0	
4428	4454	238.34	80	100	2.07	0	0	
4429	4455	41.57	80	100	136.52	0.31	3.01	
4430	4456	218.38	80	100	55.74	0.13	0.57	
4431	4457	65.73	80	100	10.22	0.02	0.02	
4432	4458	270.15	80	100	0.00	0	0	
4433	4459	38.88	80	100	1.11	0	0	
4434	4460	122.36	80	100	3.20	0.01	0	
4435	4461	194.36	80	100	83.41	0.19	1.21	
4436	4462	181.72	80	100	40.29	0.09	0.31	
4437	4463	115.14	80	100	38.22	0.09	0.29	
4438	4464	35.51	80	100	156.15	0.36	3.86	
4439	4465	32.8	80	100	56.84	0.13	0.59	
4440	4466	35.05	80	100	64.38	0.15	0.75	
4441	4467	265.36	80	100	35.32	0.08	0.25	
4442	4468	157.29	80	100	18.98	0.04	0.08	
4443	4469	48.67	80	100	199.00	0.46	6.06	
4444	4470	207.56	150	100	1,115.38	0.73	6.9	
4445	4471	120.51	80	100	280.51	0.65	11.44	
4446	4472	39.15	80	100	110.98	0.26	2.05	
4447	4473	112.51	80	100	21.12	0.05	0.1	
4448	4474	319.65	80	100	175.44	0.4	4.79	
4449	4475	79.24	80	100	11.32	0.03	0.01	
4450	4476	71.89	80	100	8.56	0.02	0.01	
4451	4477	45.2	80	100	0.99	0	0	
4452	4478	23.39	80	100	10.75	0.02	0.03	
4453	4479	124.56	80	100	4.45	0.01	0	
4454	4480	102.19	80	100	13.17	0.03	0.04	
4455	4481	49.44	80	100	9.48	0.02	0	
4456	4482	135.06	80	100	3.39	0.01	0	
4457	4483	102	80	100	25.51	0.06	0.13	
4458	4484	48.91	80	100	40.99	0.09	0.32	
4459	4485	52.14	80	100	0.71	0	0	
4460	4486	159.59	80	100	1.46	0	0	
4461	4487	45.24	80	100	24.85	0.06	0.13	
4462	4488	37.71	80	100	48.34	0.11	0.44	
4463	4489	51.38	80	100	73.85	0.17	0.97	
4464	4490	94.61	80	100	19.34	0.04	0.08	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
4465	4491	81.87	80	100	84.02	0.19	1.23	
4466	4492	48.98	80	100	1.16	0	0	
4467	4493	42.66	80	100	77.71	0.18	1.06	
4468	4494	107.9	80	100	12.72	0.03	0.04	
4469	4495	49.17	80	100	18.65	0.04	0.08	
4470	4496	43.96	80	100	42.61	0.1	0.35	
4471	4497	111.63	80	100	39.57	0.09	0.3	
4472	4498	47.06	80	100	171.47	0.39	4.6	
4473	4499	107.38	80	100	13.70	0.03	0.04	
4474	4500	51.18	80	100	32.48	0.07	0.21	
4475	4501	45.98	80	100	11.08	0.03	0.03	
4476	4502	44.15	80	100	60.94	0.14	0.68	
4477	4503	110.48	80	100	16.38	0.04	0.06	
4478	4504	34.53	80	100	3.57	0.01	0	
4479	4505	37.22	80	100	55.93	0.13	0.58	
4480	4506	24.66	80	100	319.55	0.74	14.56	
4481	4507	93.2	80	100	67.65	0.16	0.82	
4482	4508	183.25	80	100	13.46	0.03	0.04	
4483	4509	33.73	80	100	1.81	0	0	
4484	4510	148.13	100	100	57.86	0.09	0.21	
4485	4511	116.49	80	100	35.36	0.08	0.25	
4486	4512	111.16	80	100	37.19	0.09	0.27	
4487	4513	39.09	80	100	39.45	0.09	0.3	
4488	4514	40.29	80	100	39.80	0.09	0.31	
4489	4515	87.96	80	100	18.49	0.04	0.07	
4490	4516	80.52	80	100	20.26	0.05	0.09	
4491	4517	73.97	80	100	11.26	0.03	0.03	
4492	4518	56.88	80	100	53.14	0.12	0.53	
4493	4519	68.55	80	100	39.07	0.09	0.3	
4494	4520	34.13	80	100	31.37	0.07	0.2	
4495	4521	41.5	80	100	313.44	0.72	14.05	
4496	4522	36.83	80	100	111.05	0.26	2.06	
4497	4523	784.38	80	100	29.36	0.07	0.17	
4498	4524	71.38	80	100	20.91	0.05	0.09	
4499	4525	56.35	80	100	9.14	0.02	0.02	
4500	4526	154.32	80	100	13.79	0.03	0.04	
4501	4527	33.03	80	100	50.68	0.12	0.48	
4502	4528	116.44	80	100	53.53	0.12	0.53	
4503	4529	39.1	80	100	188.34	0.43	5.47	
4504	4530	38.72	80	100	499.27	1.15	33.26	
4505	4531	40.17	80	100	176.31	0.41	4.84	
4506	4532	44.72	80	100	163.08	0.38	4.19	
4507	4533	37.2	80	100	50.77	0.12	0.48	
4508	4534	109.61	80	100	48.93	0.11	0.45	
4509	4535	26.69	80	100	11.69	0.03	0.03	
4510	4536	150.65	80	100	48.72	0.11	0.45	
4511	4537	120.01	80	100	51.97	0.12	0.5	
4512	4538	158.72	80	100	31.06	0.07	0.19	
4513	4539	168.59	80	100	46.75	0.11	0.41	
4514	4540	197	80	100	62.86	0.14	0.72	
4515	4541	41.77	80	100	18.18	0.04	0.07	
4516	4542	371.41	80	100	8.66	0.02	0.02	
4517	4543	153.9	150	100	748.76	0.49	3.3	
4518	4544	97.17	80	100	82.53	0.19	1.19	
4519	4545	1046.48	80	100	0.00	0	0	
4520	4546	869.13	80	100	2.04	0	0	
4521	4547	200.97	80	100	2.58	0.01	0	
4522	4548	1382.66	80	100	0.43	0	0	
4523	4549	195.23	80	100	83.07	0.19	1.2	
4524	4550	730.01	80	100	4.12	0.01	0	
4525	4551	42.22	80	100	231.30	0.53	8	
4526	4552	38.09	80	100	176.56	0.41	4.85	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
4527	4553	37.91	80	100	87.26	0.2	1.32	
4528	4554	219.66	80	100	166.68	0.38	4.36	
4529	4555	75.1	80	100	92.42	0.21	1.46	
4530	4556	106.78	80	100	44.01	0.1	0.37	
4531	4557	6.49	80	100	10.46	0.02	0.03	
4532	4558	88.43	80	100	39.30	0.09	0.3	
4533	4559	68.48	80	100	22.29	0.05	0.1	
4534	4560	48.34	80	100	23.64	0.05	0.12	
4535	4561	101.19	80	100	59.70	0.14	0.65	
4536	4562	43.14	80	100	73.28	0.17	0.95	
4537	4563	109.73	80	100	304.84	0.7	13.34	
4538	4564	140.3	80	100	1.71	0	0	
4539	4565	104.66	80	100	22.98	0.05	0.11	
4540	4566	97.76	80	100	36.09	0.08	0.26	
4541	4567	626.36	80	100	2.28	0.01	0	
4542	4568	198.74	80	100	149.91	0.35	3.58	
4543	4569	187.35	80	100	153.72	0.35	3.75	
4544	4570	40.29	80	100	194.95	0.45	5.83	
4545	4571	36.21	80	100	42.85	0.1	0.35	
4546	4572	37.1	80	100	200.46	0.46	6.14	
4547	4573	311.88	80	100	95.64	0.22	1.56	
4548	4574	296.31	80	100	85.01	0.2	1.25	
4549	4575	76.59	80	100	93.45	0.22	1.49	
4550	4576	29.36	80	100	121.18	0.28	2.42	
4551	4577	65.12	80	100	13.94	0.03	0.04	
4552	4578	44.11	80	100	92.19	0.21	1.46	
4553	4579	64.69	80	100	15.21	0.04	0.05	
4554	4580	59.39	80	100	2.20	0.01	0	
4555	4581	69.6	80	100	148.14	0.34	3.51	
4556	4582	214.47	80	100	41.34	0.1	0.33	
4557	4583	60.8	80	100	100.59	0.23	1.71	
4558	4584	54.01	80	100	56.76	0.13	0.59	
4559	4585	118.18	80	100	49.62	0.11	0.46	
4560	4586	46.91	80	100	118.52	0.27	2.32	
4561	4587	46.03	80	100	28.78	0.07	0.17	
4562	4588	98.72	80	100	13.80	0.03	0.04	
4563	4589	49.31	80	100	24.58	0.06	0.13	
4564	4590	160.46	80	100	20.02	0.05	0.09	
4565	4591	51.71	80	100	32.78	0.08	0.21	
4566	4592	49.31	80	100	185.09	0.43	5.29	
4567	4593	101.79	80	100	23.33	0.05	0.11	
4568	16684	84.65	80	100	25.77	0.06	0.14	
4569	4594	361.5	80	100	87.33	0.2	1.32	
4570	4595	40.96	80	100	257.62	0.59	9.77	
4571	4596	36.24	80	100	183.18	0.42	5.19	
4572	4597	43.63	80	100	139.95	0.32	3.16	
4573	4598	126.3	80	100	33.39	0.08	0.22	
4574	4599	46.8	80	100	100.28	0.23	1.7	
4575	4600	85.47	80	100	6.03	0.01	0.01	
4576	4601	77.55	80	100	294.76	0.68	12.53	
4577	4602	41.31	80	100	252.84	0.58	9.43	
4578	4603	36.2	80	100	172.03	0.4	4.62	
4579	4604	80.02	80	100	59.30	0.14	0.64	
4580	4605	55.51	80	100	49.22	0.11	0.46	
4581	4606	65.61	80	100	47.25	0.11	0.42	
4582	4607	108	80	100	75.30	0.17	1	
4583	4608	111.97	80	100	193.13	0.44	5.73	
4584	4609	87.26	80	100	67.91	0.16	0.83	
4585	4610	85.49	80	100	62.11	0.14	0.7	
4586	4611	32.73	80	100	57.12	0.13	0.6	
4587	4612	36.89	80	100	32.41	0.07	0.21	
4588	4613	650.29	80	100	6.69	0.02	0.01	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
4589	4614	272.65	80	100	62.69	0.14	0.71	
4590	4615	180.49	80	100	53.61	0.12	0.53	
4591	4616	130.85	80	100	28.58	0.07	0.17	
4592	4617	1602.11	80	100	207.54	0.48	6.55	
4593	4618	196.8	80	100	80.20	0.18	1.13	
4594	4619	538.08	80	100	2.07	0	0	
4595	4620	359.8	600	100	11,837.65	0.48	0.64	
4596	4621	298.36	600	100	480.46	0.02	0	
4597	4622	94.12	600	100	490.80	0.02	0	
4598	4623	1.61	600	100	2,612.35	0.11	0.03	
4599	4624	8.86	600	100	36,714.24	1.5	5.2	
4600	4625	13.1	600	100	4,490.65	0.18	0.11	
4601	4626	117.08	600	100	4,455.73	0.18	0.1	
4602	4627	588.34	600	100	5,296.82	0.22	0.14	
4603	4628	216.48	600	100	3,941.61	0.16	0.08	
4604	4629	141.98	600	100	27,430.14	1.12	3.03	
4605	4630	468.53	600	100	18,998.39	0.78	1.54	
4606	4631	144.4	600	100	25,199.22	1.03	2.59	
4607	4632	140.05	600	100	24,481.77	1	2.46	
4608	4633	141.13	600	100	24,836.93	1.02	2.52	
4609	4634	83.29	600	100	24,390.12	1	2.44	
4610	4635	72.31	600	100	24,167.53	0.99	2.4	
4611	4636	212.27	600	100	19,342.33	0.79	1.59	
4612	4637	266.46	600	100	46,267.50	1.89	7.99	
4613	4638	104.16	600	100	9,950.34	0.41	0.46	
4614	4639	678.89	600	100	7,844.14	0.32	0.3	
4615	4640	244.92	600	100	5,944.19	0.24	0.18	
4616	4641	654.74	600	100	4,742.24	0.19	0.12	
4617	4642	1101.08	600	100	0.00	0	0	
4618	4643	226.64	600	100	15,593.09	0.64	1.07	
4619	4644	245.83	600	100	14,229.16	0.58	0.9	
4620	4645	342.76	600	100	14,250.66	0.58	0.9	
4621	4646	177.26	600	100	17,566.43	0.72	1.33	
4622	4647	51.71	600	100	18,827.32	0.77	1.51	
4623	4648	133.74	600	100	18,607.56	0.76	1.48	
4624	4649	92.23	600	100	16,779.03	0.69	1.22	
4625	4650	487.73	600	100	5,065.16	0.21	0.13	
4626	4651	280.52	600	100	5,003.96	0.2	0.13	
4627	4652	45.22	600	100	13,328.44	0.55	0.8	
4628	4653	128.61	600	100	16,214.97	0.66	1.15	
4629	4654	255.38	600	100	15,524.66	0.64	1.06	
4630	4655	211.68	600	100	26,337.04	1.08	2.81	
4631	4656	510.61	600	100	26,712.36	1.09	2.89	
4632	4657	587.77	600	100	17,454.27	0.71	1.31	
4633	4658	1171.41	600	100	15,446.95	0.63	1.05	
4634	4659	5.33	600	100	0.00	0	0	
4635	4660	373.01	600	100	12,613.90	0.52	0.72	
4636	4661	483.62	600	100	15,242.51	0.62	1.02	
4637	4662	538.41	600	100	4,823.46	0.2	0.12	
4638	4663	360.07	600	100	16,902.81	0.69	1.24	
4639	4664	383.2	600	100	14,258.74	0.58	0.9	
4640	4665	103.66	600	100	14,258.74	0.58	0.9	
4641	4666	137.41	600	100	12,027.58	0.49	0.66	
4642	4667	282.83	600	100	12,478.43	0.51	0.71	
4643	4668	220.17	600	100	11,885.25	0.49	0.64	
4644	4669	454.68	600	100	8,366.59	0.34	0.34	
4645	4670	308.13	600	100	13,073.63	0.54	0.77	
4646	4671	48.33	500	100	7,080.37	0.42	0.6	
4647	4672	865.13	500	100	7,057.23	0.42	0.6	
4648	4673	210.03	500	100	5,753.82	0.34	0.41	
4649	4674	264.08	500	100	6,802.21	0.4	0.56	
4650	4675	160.41	500	100	7,327.92	0.43	0.64	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
4651	4676	48.99	500	100	5.536.12	0.33	0.38	
4652	4677	11.76	500	100	393.97	0.02	0	
4653	4678	72.29	500	100	0.00	0	0	
4654	4679	218.2	500	100	3.733.47	0.22	0.18	
4655	4680	253.59	500	100	31.273.12	1.84	9.4	
4656	4681	150.51	500	100	9.510.62	0.56	1.04	
4657	4682	510.12	500	100	15.173.58	0.89	2.46	
4658	4683	425.44	500	100	3.385.70	0.2	0.15	
4659	4684	196.47	500	100	1.732.60	0.1	0.04	
4660	4685	64.55	500	100	505.45	0.03	0	
4661	4686	17.69	500	100	2.435.95	0.14	0.08	
4662	4687	68.18	400	100	761.06	0.07	0.03	
4663	4688	173.31	400	100	2.386.06	0.22	0.24	
4664	4689	222.98	400	100	8.245.49	0.76	2.36	
4665	4690	47.96	400	100	4.406.62	0.41	0.74	
4666	4691	31.24	400	100	5.002.61	0.46	0.93	
4667	4692	116.74	400	100	2.457.38	0.23	0.25	
4668	4693	165.66	400	100	5.681.07	0.52	1.18	
4669	4694	184.61	400	100	4.928.86	0.45	0.91	
4670	4695	73.18	400	100	3.818.12	0.35	0.57	
4671	4696	76.13	400	100	3.108.80	0.29	0.39	
4672	4697	191.15	400	100	3.084.87	0.28	0.38	
4673	4698	95.97	400	100	1.586.74	0.15	0.11	
4674	4699	80.9	400	100	3.912.54	0.36	0.59	
4675	4700	153.98	400	100	3.497.14	0.32	0.48	
4676	4701	81.27	400	100	3.498.65	0.32	0.48	
4677	4702	373.41	400	100	6.113.51	0.56	1.36	
4678	4703	319.2	400	100	661.59	0.06	0.02	
4679	4704	170.52	400	100	1.860.64	0.17	0.15	
4680	4705	35.23	400	100	107.06	0.01	0	
4681	4706	66.3	400	100	2.485.69	0.23	0.26	
4682	4707	25.87	400	100	335.68	0.03	0.01	
4683	4708	31.81	400	100	297.61	0.03	0	
4684	4709	44.27	400	100	246.38	0.02	0	
4685	4710	36.97	400	100	199.32	0.02	0	
4686	4711	37.35	400	100	148.31	0.01	0	
4687	4712	344.85	400	100	2.457.60	0.23	0.25	
4688	4713	0.1	400	100	0.00	0	0	
4689	4714	39.71	400	100	1.551.62	0.14	0.11	
4690	4715	320.23	400	100	2.552.35	0.24	0.27	
4691	4716	67.93	400	100	3.108.80	0.29	0.39	
4692	4717	487.48	400	100	4.390.84	0.4	0.73	
4693	4718	399.62	400	100	13.443.25	1.24	5.83	
4694	4719	39.55	400	100	4.059.71	0.37	0.64	
4695	4720	715.35	400	100	0.00	0	0	
4696	4721	156.33	400	100	5.544.70	0.51	1.13	
4697	4722	209	400	100	1.890.32	0.17	0.15	
4698	4723	34.77	400	100	2.498.69	0.23	0.26	
4699	4724	887.47	400	100	7.022.17	0.65	1.75	
4700	4725	384.62	600	100	4.676.95	0.19	0.11	
4701	4726	23.06	400	100	6.113.52	0.56	1.36	
4702	4727	370.41	400	100	5.747.19	0.53	1.21	
4703	4728	463.33	400	100	11.781.62	1.09	4.57	
4704	4729	321.37	400	100	6.996.25	0.64	1.74	
4705	4730	441.11	400	100	1.508.48	0.14	0.1	
4706	4731	114.97	400	100	2.969.76	0.27	0.36	
4707	4732	187.07	400	100	3.264.32	0.3	0.42	
4708	4733	383.39	400	100	1.797.27	0.17	0.14	
4709	4734	318.96	400	100	787.40	0.07	0.03	
4710	4735	175.15	400	100	745.61	0.07	0.03	
4711	4736	130.98	400	100	5.723.67	0.53	1.2	
4712	4737	72.15	400	100	4.990.31	0.46	0.93	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
4713	4738	82.11	400	100	396.39	0.04	0.01	
4714	4739	85.83	400	100	3,100.20	0.29	0.39	
4715	4740	106.32	400	100	3,541.66	0.33	0.49	
4716	4741	215.6	400	100	1,220.90	0.11	0.07	
4717	4742	39.12	400	100	1,278.48	0.12	0.07	
4718	4743	264.45	400	100	0.00	0	0	
4719	4744	405.56	400	100	5,349.93	0.49	1.06	
4720	4745	899.55	400	100	4,038.96	0.37	0.63	
4721	4746	159.3	400	100	891.50	0.08	0.04	
4722	4747	135.2	400	100	856.22	0.08	0.04	
4723	4748	87.56	400	100	7,251.68	0.67	1.86	
4724	4749	112.09	350	100	507.75	0.06	0.03	
4725	4750	71.14	350	100	2,352.07	0.28	0.44	
4726	4751	325.79	350	100	2,384.00	0.29	0.45	
4727	4752	784.66	350	100	5,681.07	0.68	2.27	
4728	4753	104.78	350	100	742.72	0.09	0.05	
4729	4754	221.11	350	100	806.16	0.1	0.06	
4730	4755	114.13	350	100	44.70	0.01	0	
4731	4756	52.71	350	100	231.77	0.03	0.01	
4732	4757	288.74	350	100	154.43	0.02	0	
4733	4758	250.63	350	100	1,547.40	0.19	0.2	
4734	4759	890.81	350	100	1,804.08	0.22	0.27	
4735	4760	77.26	350	100	256.68	0.03	0.01	
4736	4761	147.19	300	100	525.53	0.09	0.06	
4737	4762	67.85	300	100	2,310.58	0.38	0.91	
4738	4763	337.91	300	100	3,056.60	0.5	1.52	
4739	4764	160.1	300	100	1,754.37	0.29	0.55	
4740	4765	213.53	300	100	1,464.93	0.24	0.39	
4741	4766	144.31	300	100	1,579.04	0.26	0.45	
4742	4767	276.82	300	100	1,165.60	0.19	0.26	
4743	4768	138.79	300	100	2,331.88	0.38	0.92	
4744	4769	403.82	300	100	787.88	0.13	0.12	
4745	4770	58.65	300	100	2,995.75	0.49	1.47	
4746	4771	201.94	300	100	659.19	0.11	0.09	
4747	4772	283.78	300	100	1,661.39	0.27	0.49	
4748	4773	357.6	300	100	950.68	0.16	0.18	
4749	4774	419.98	300	100	1,442.15	0.24	0.38	
4750	4775	152.25	300	100	2,005.14	0.33	0.7	
4751	4776	152.35	300	100	1,017.47	0.17	0.2	
4752	4777	19.6	300	100	284.24	0.05	0.02	
4753	4778	534.36	300	100	1,478.90	0.24	0.4	
4754	4779	76.1	300	100	2,928.02	0.48	1.41	
4755	4780	69.38	300	100	751.12	0.12	0.11	
4756	4781	78.61	300	100	897.42	0.15	0.16	
4757	4782	64.82	300	100	344.18	0.06	0.03	
4758	4783	34.1	300	100	662.27	0.11	0.09	
4759	4784	16.88	300	100	721.32	0.12	0.11	
4760	4785	111.08	300	100	3,196.24	0.52	1.66	
4761	4786	324.72	300	100	3,220.50	0.53	1.68	
4762	4787	31.17	300	100	840.03	0.14	0.14	
4763	4788	32.19	300	100	1,049.52	0.17	0.21	
4764	4789	245.11	300	100	707.25	0.12	0.1	
4765	4790	68.66	300	100	1,339.02	0.22	0.33	
4766	4791	46.84	300	100	2,981.84	0.49	1.46	
4767	4792	65.34	300	100	426.74	0.07	0.04	
4768	4793	116.95	300	100	1,636.24	0.27	0.48	
4769	4794	41.73	300	100	1,690.30	0.28	0.51	
4770	4795	104.5	300	100	3,644.17	0.6	2.11	
4771	4796	33.95	300	100	584.19	0.1	0.07	
4772	4797	180.61	300	100	512.75	0.08	0.06	
4773	4798	48.06	300	100	1,404.12	0.23	0.36	
4774	4799	376.79	300	100	708.62	0.12	0.1	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
4775	4800	31.34	300	100	1,742.08	0.29	0.54	
4776	4801	66.83	300	100	1,340.12	0.22	0.33	
4777	4802	14.52	300	100	1,070.84	0.18	0.22	
4778	4803	37	300	100	1,128.50	0.18	0.24	
4779	4804	56.99	300	100	1,148.28	0.19	0.25	
4780	4805	15.86	300	100	514.12	0.08	0.06	
4781	4806	11.73	300	100	498.22	0.08	0.05	
4782	4807	53.24	300	100	1,447.10	0.24	0.38	
4783	4808	10.53	300	100	1,660.13	0.27	0.49	
4784	4809	35.97	300	100	2,130.33	0.35	0.78	
4785	4810	84.79	300	100	346.35	0.06	0.03	
4786	4811	43.25	300	100	1,373.07	0.22	0.35	
4787	4812	49.49	300	100	2,223.40	0.36	0.85	
4788	4813	15.54	300	100	486.86	0.08	0.05	
4789	4814	7.07	300	100	993.23	0.16	0.19	
4790	4815	294.17	300	100	1,145.29	0.19	0.25	
4791	4816	145.53	300	100	885.08	0.14	0.15	
4792	4817	300.39	300	100	326.62	0.05	0.02	
4793	4818	42.77	300	100	1,854.74	0.3	0.6	
4794	4819	10.21	300	100	2,141.23	0.35	0.79	
4795	4820	167.46	300	100	2,386.06	0.39	0.96	
4796	4821	168.41	300	100	1,815.34	0.3	0.58	
4797	4822	21.24	300	100	1,994.36	0.33	0.69	
4798	4823	78.58	300	100	1,961.97	0.32	0.67	
4799	4824	414.9	300	100	1,801.80	0.3	0.57	
4800	4825	224.9	300	100	119.86	0.02	0	
4801	4826	338.14	300	100	99.06	0.02	0	
4802	4827	13.62	300	100	163.15	0.03	0.01	
4803	4828	88.91	300	100	3,288.94	0.54	1.75	
4804	4829	83.83	300	100	172.62	0.03	0.01	
4805	4830	282.88	300	100	2,220.32	0.36	0.84	
4806	4831	18.53	300	100	4,119.08	0.67	2.65	
4807	4832	23.71	300	100	384.28	0.06	0.03	
4808	4833	28.98	300	100	297.73	0.05	0.02	
4809	4834	85.27	300	100	4,866.07	0.8	3.61	
4810	4835	377.83	300	100	1,801.80	0.3	0.57	
4811	4836	32.05	300	100	177.88	0.03	0.01	
4812	4837	369.63	300	100	599.00	0.1	0.07	
4813	4838	174.85	300	100	5,636.47	0.92	4.74	
4814	4839	433.11	300	100	4,889.04	0.8	3.64	
4815	4840	25.04	300	100	1,610.86	0.26	0.47	
4816	4841	145.67	300	100	5,887.14	0.96	5.13	
4817	4842	30.54	300	100	6,374.11	1.04	5.95	
4818	4843	143.29	300	100	6,077.23	1	5.44	
4819	4844	63.58	300	100	2,457.60	0.4	1.02	
4820	4845	26.96	300	100	1,414.80	0.23	0.37	
4821	4846	3.51	300	100	1,415.10	0.23	0.37	
4822	4847	91.43	300	100	1,050.91	0.17	0.21	
4823	4848	134.03	300	100	1,197.01	0.2	0.27	
4824	4849	11.46	300	100	2,221.15	0.36	0.84	
4825	4850	166.01	300	100	406.81	0.07	0.04	
4826	4851	41.37	300	100	1,762.35	0.29	0.55	
4827	4852	91.65	300	100	798.54	0.13	0.13	
4828	4853	47.81	300	100	1,975.84	0.32	0.68	
4829	4854	107.52	300	100	1,177.30	0.19	0.26	
4830	4855	127.76	300	100	297.21	0.05	0.02	
4831	4856	125.02	300	100	167.86	0.03	0.01	
4832	4857	51.9	300	100	294.58	0.05	0.02	
4833	4858	138.77	300	100	175.05	0.03	0.01	
4834	4859	47.24	300	100	378.75	0.06	0.03	
4835	4860	5.56	300	100	186.90	0.03	0.01	
4836	4861	119.01	300	100	209.69	0.03	0.01	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
4837	4862	161.62	300	100	0.00	0	0	
4838	4863	130.79	300	100	2.457.31	0.4	1.02	
4839	4864	509.14	300	100	21.86	0	0	
4840	4865	54.41	300	100	791.13	0.13	0.12	
4841	4866	76.04	300	100	761.14	0.12	0.12	
4842	4867	205.32	300	100	5.946.55	0.97	5.23	
4843	4868	243.01	300	100	2.527.14	0.41	1.07	
4844	4869	234.43	300	100	8.152.86	1.33	9.38	
4845	4870	260.99	300	100	3.531.80	0.58	1.99	
4846	4871	191.27	300	100	4.565.77	0.75	3.21	
4847	4872	278.33	300	100	2.473.19	0.4	1.03	
4848	4873	184.84	300	100	2.525.16	0.41	1.07	
4849	4874	363.62	300	100	1.299.56	0.21	0.31	
4850	4875	409.16	300	100	1.119.88	0.18	0.24	
4851	4876	317.79	300	100	1.116.58	0.18	0.24	
4852	4877	145.36	300	100	6.393.76	1.05	5.98	
4853	4878	155.48	300	100	2.804.05	0.46	1.3	
4854	4879	158.01	300	100	2.307.52	0.38	0.91	
4855	4880	117.51	300	100	2.988.05	0.49	1.46	
4856	4881	274.68	300	100	1.743.81	0.29	0.54	
4857	4882	242.7	300	100	1.347.10	0.22	0.33	
4858	4883	180.8	300	100	1.436.54	0.24	0.38	
4859	4884	131.03	300	100	1.829.62	0.3	0.59	
4860	4885	242.11	300	100	1.296.90	0.21	0.31	
4861	4886	1444.87	300	100	1.705.53	0.28	0.52	
4862	4887	1202.26	300	100	1.675.71	0.27	0.5	
4863	4888	28.88	300	100	1.023.86	0.17	0.2	
4864	4889	109.31	300	100	939.84	0.15	0.17	
4865	4890	316.5	200	100	611.49	0.23	0.56	
4866	4891	51	300	100	738.98	0.12	0.11	
4867	4892	396.98	300	100	681.67	0.11	0.09	
4868	4893	589.58	300	100	1.312.07	0.21	0.32	
4869	4894	664.9	300	100	405.06	0.07	0.04	
4870	4895	261.03	300	100	1.422.43	0.23	0.37	
4871	4896	363.56	300	100	2.083.35	0.34	0.75	
4872	4897	121.87	300	100	693.49	0.11	0.1	
4873	4898	718.98	300	100	737.81	0.12	0.11	
4874	4899	996.17	300	100	0.00	0	0	
4875	4900	95.47	300	100	226.31	0.04	0.01	
4876	4901	806.99	300	100	63.06	0.01	0	
4877	4902	134.02	300	100	2.176.25	0.36	0.81	
4878	4903	97.12	300	100	5.708.56	0.93	4.85	
4879	4904	135.86	300	100	613.88	0.1	0.08	
4880	4905	56.28	300	100	525.26	0.09	0.06	
4881	4906	68.73	300	100	1.433.76	0.23	0.38	
4882	4907	73.25	300	100	1.271.86	0.21	0.3	
4883	4908	64.28	300	100	706.46	0.12	0.1	
4884	4909	68.49	300	100	2.027.69	0.33	0.71	
4885	4910	124.4	300	100	2.867.47	0.47	1.35	
4886	4911	59.19	300	100	1.535.71	0.25	0.43	
4887	4912	91.28	300	100	2.177.30	0.36	0.81	
4888	4913	64.53	300	100	2.377.20	0.39	0.96	
4889	4914	166.71	300	100	70.51	0.01	0	
4890	4915	178.69	300	100	1.195.50	0.2	0.27	
4891	4916	591.39	300	100	2.034.36	0.33	0.72	
4892	4917	36.65	300	100	3.787.47	0.62	2.27	
4893	4918	157.06	300	100	408.11	0.07	0.04	
4894	4919	53.99	300	100	1.844.26	0.3	0.6	
4895	4920	221.01	300	100	1.822.77	0.3	0.59	
4896	4921	222.19	300	100	190.17	0.03	0.01	
4897	4922	37.57	300	100	1.161.88	0.19	0.25	
4898	4923	113.79	300	100	2.521.07	0.41	1.07	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
4899	4924	385.71	300	100	2,508.30	0.41	1.06	
4900	4925	264.57	300	100	2,381.56	0.39	0.96	
4901	4926	192.89	300	100	1,072.74	0.18	0.22	
4902	4927	57.22	300	100	1,869.76	0.31	0.61	
4903	4928	55.98	300	100	1,332.54	0.22	0.33	
4904	4929	78.85	300	100	1,256.11	0.21	0.29	
4905	4930	61.66	300	100	1,923.34	0.31	0.65	
4906	4931	23.75	300	100	1,985.04	0.33	0.69	
4907	4932	159.68	300	100	3,688.79	0.6	2.16	
4908	4933	236.48	300	100	2,542.85	0.42	1.08	
4909	4934	446.66	300	100	1,669.20	0.27	0.5	
4910	4935	211.41	300	100	970.35	0.16	0.18	
4911	4936	51.06	300	100	1,495.86	0.24	0.41	
4912	4937	36.73	300	100	762.31	0.12	0.12	
4913	4938	468.65	300	100	843.82	0.14	0.14	
4914	4939	316.19	300	100	1,134.35	0.19	0.24	
4915	4940	282.82	300	100	2,353.77	0.39	0.94	
4916	4941	84.01	300	100	83.34	0.01	0	
4917	4942	634.93	250	100	451.29	0.11	0.11	
4918	4943	416.44	250	100	722.90	0.17	0.26	
4919	4944	52.29	200	100	1,415.41	0.52	2.64	
4920	4945	2243.06	200	100	183.33	0.07	0.06	
4921	4946	1110.11	200	100	627.76	0.23	0.59	
4922	4947	128.79	200	100	34.45	0.01	0	
4923	4948	347.44	200	100	55.10	0.02	0.01	
4924	4949	502.98	200	100	483.69	0.18	0.36	
4925	4950	498.5	200	100	308.72	0.11	0.16	
4926	4951	144.22	200	100	400.66	0.15	0.26	
4927	4952	136.54	200	100	289.35	0.11	0.14	
4928	4953	144.96	200	100	683.66	0.25	0.69	
4929	4954	143.09	200	100	714.19	0.26	0.74	
4930	4955	466.39	200	100	1,310.09	0.48	2.29	
4931	4956	213.41	200	100	398.68	0.15	0.25	
4932	4957	173.73	200	100	1,537.71	0.57	3.08	
4933	4958	232.91	200	100	1,036.17	0.38	1.48	
4934	4959	63.26	200	100	1,389.49	0.51	2.55	
4935	4960	74	200	100	364.31	0.13	0.21	
4936	4961	272.02	200	100	464.35	0.17	0.34	
4937	4962	201.2	200	100	169.29	0.06	0.05	
4938	4963	199.06	200	100	263.80	0.1	0.12	
4939	4964	193.7	200	100	532.37	0.2	0.43	
4940	4965	245.18	200	100	722.38	0.27	0.76	
4941	4966	136.9	200	100	396.41	0.15	0.25	
4942	4967	238.28	200	100	163.72	0.06	0.05	
4943	4968	100.67	200	100	401.94	0.15	0.26	
4944	4969	81.29	200	100	209.54	0.08	0.08	
4945	4970	81.84	200	100	566.85	0.21	0.48	
4946	4971	109.26	200	100	550.63	0.2	0.46	
4947	4972	75.55	200	100	372.97	0.14	0.22	
4948	4973	270.87	200	100	569.89	0.21	0.49	
4949	4974	267.59	200	100	551.82	0.2	0.46	
4950	4975	14.59	200	100	29.06	0.01	0	
4951	4976	54	200	100	501.83	0.18	0.39	
4952	4977	110.46	200	100	95.79	0.04	0.02	
4953	4978	143.66	200	100	58.26	0.02	0.01	
4954	4979	221.94	200	100	400.16	0.15	0.25	
4955	4980	33.19	200	100	418.62	0.15	0.28	
4956	4981	154.59	200	100	145.09	0.05	0.04	
4957	4982	121.04	200	100	418.62	0.15	0.28	
4958	4983	114.26	200	100	50.33	0.02	0.01	
4959	4984	85.23	200	100	930.29	0.34	1.21	
4960	4985	141.83	200	100	571.23	0.21	0.49	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
4961	4986	20.6	200	100	792.23	0.29	0.9	
4962	4987	31.78	200	100	822.10	0.3	0.97	
4963	4988	310.15	200	100	380.04	0.14	0.23	
4964	4989	33.22	200	100	32.74	0.01	0	
4965	4990	35.67	200	100	375.99	0.14	0.23	
4966	4991	52.06	200	100	713.37	0.26	0.74	
4967	4992	101.43	200	100	659.48	0.24	0.64	
4968	4993	22.37	200	100	1,249.15	0.46	2.09	
4969	4994	116.8	200	100	417.83	0.15	0.28	
4970	4995	151	200	100	119.89	0.04	0.03	
4971	4996	352.1	200	100	38.76	0.01	0	
4972	4997	115.87	200	100	46.61	0.02	0	
4973	4998	113.25	200	100	533.29	0.2	0.43	
4974	4999	226.56	200	100	524.13	0.19	0.42	
4975	5000	69.3	200	100	249.35	0.09	0.11	
4976	5001	150.62	200	100	73.22	0.03	0.01	
4977	5002	190.04	200	100	97.83	0.04	0.02	
4978	5003	11.78	200	100	1.68	0	0	
4979	5004	152.18	200	100	529.68	0.2	0.43	
4980	5005	150.54	200	100	450.38	0.17	0.32	
4981	5006	29.29	200	100	400.00	0.15	0.25	
4982	5007	67.49	200	100	271.46	0.1	0.12	
4983	5008	10.85	200	100	149.84	0.06	0.04	
4984	5009	13.2	200	100	100.70	0.04	0.02	
4985	5010	115.24	200	100	322.80	0.12	0.17	
4986	5011	302.77	200	100	608.88	0.22	0.55	
4987	5012	20.14	200	100	347.24	0.13	0.2	
4988	5013	31	200	100	570.14	0.21	0.49	
4989	5014	128.3	200	100	182.57	0.07	0.06	
4990	5015	34.79	200	100	574.46	0.21	0.5	
4991	5016	49.46	200	100	466.97	0.17	0.34	
4992	5017	115.73	200	100	68.59	0.03	0.01	
4993	5018	53.98	200	100	3.18	0	0	
4994	5019	34.35	200	100	514.73	0.19	0.41	
4995	5020	34.96	200	100	605.64	0.22	0.55	
4996	5021	267.92	200	100	506.19	0.19	0.39	
4997	5022	545.08	200	100	488.40	0.18	0.37	
4998	5023	23.64	200	100	231.82	0.09	0.09	
4999	5024	50.95	200	100	188.19	0.07	0.06	
5000	5025	141.32	200	100	235.04	0.09	0.09	
5001	5026	41.12	200	100	204.10	0.08	0.07	
5002	5027	203.78	200	100	179.51	0.07	0.06	
5003	5028	35.9	200	100	161.68	0.06	0.05	
5004	5029	48.3	200	100	171.51	0.06	0.05	
5005	5030	120.58	200	100	177.17	0.07	0.06	
5006	5031	35.62	200	100	83.14	0.03	0.01	
5007	5032	55.87	200	100	113.84	0.04	0.02	
5008	5033	39.7	200	100	522.50	0.19	0.42	
5009	5034	42.54	200	100	496.42	0.18	0.38	
5010	5035	35.43	200	100	738.28	0.27	0.79	
5011	5036	48.73	200	100	366.89	0.14	0.22	
5012	5037	157.36	200	100	262.92	0.1	0.12	
5013	5038	61.13	200	100	17.44	0.01	0	
5014	5039	64.87	200	100	86.94	0.03	0.02	
5015	5040	42.57	200	100	229.74	0.08	0.09	
5016	5041	37.72	200	100	254.82	0.09	0.11	
5017	5042	37.74	200	100	460.16	0.17	0.33	
5018	5043	41.5	200	100	561.16	0.21	0.48	
5019	5044	92.01	200	100	613.29	0.23	0.56	
5020	5045	50.57	200	100	78.99	0.03	0.01	
5021	5046	36.51	200	100	470.93	0.17	0.34	
5022	5047	14.03	200	100	712.98	0.26	0.74	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
5023	5048	36.78	200	100	33.02	0.01	0	
5024	5050	64.29	200	100	66.81	0.02	0.01	
5025	5051	66.32	200	100	106.42	0.04	0.02	
5026	5052	37.13	200	100	430.18	0.16	0.29	
5027	5053	9.25	200	100	283.20	0.1	0.13	
5028	5054	53.64	200	100	534.76	0.2	0.44	
5029	5055	15.43	200	100	503.47	0.19	0.39	
5030	5056	37.04	200	100	146.74	0.05	0.04	
5031	5057	36.07	200	100	188.96	0.07	0.06	
5032	5058	9.3	200	100	2,841.98	1.05	9.6	
5033	5059	29.17	200	100	144.33	0.05	0.04	
5034	5060	92.27	200	100	88.47	0.03	0.02	
5035	5061	45.33	200	100	73.12	0.03	0.01	
5036	5062	44.31	200	100	121.67	0.04	0.03	
5037	5063	48.95	200	100	114.31	0.04	0.02	
5038	5064	37.84	200	100	106.08	0.04	0.02	
5039	5065	87.49	200	100	36.32	0.01	0	
5040	5066	42.15	200	100	4.25	0	0	
5041	5067	14.78	200	100	28.74	0.01	0	
5042	5068	34.12	200	100	27.92	0.01	0	
5043	5069	19.46	200	100	20.13	0.01	0	
5044	5070	185.9	200	100	94.02	0.03	0.02	
5045	5071	78.97	200	100	211.22	0.08	0.08	
5046	5072	38.82	200	100	45.20	0.02	0	
5047	5073	91.69	200	100	147.65	0.05	0.04	
5048	5074	55.61	200	100	172.30	0.06	0.05	
5049	5075	39.94	200	100	130.57	0.05	0.03	
5050	5076	28.44	200	100	86.03	0.03	0.01	
5051	5077	18.33	200	100	131.90	0.05	0.03	
5052	5078	28.82	200	100	102.87	0.04	0.02	
5053	5079	516.28	200	100	1,717.10	0.63	3.78	
5054	5080	124.55	200	100	1,613.71	0.59	3.37	
5055	5081	71.61	200	100	1,914.03	0.71	4.62	
5056	5082	29.23	200	100	240.33	0.09	0.1	
5057	5083	34.24	200	100	126.32	0.05	0.03	
5058	5084	43.93	200	100	139.04	0.05	0.04	
5059	5085	45.83	200	100	27.99	0.01	0	
5060	5086	11.61	200	100	220.42	0.08	0.08	
5061	5087	69.69	200	100	220.13	0.08	0.08	
5062	5088	19.81	200	100	43.29	0.02	0	
5063	5089	157.74	200	100	1,656.98	0.61	3.54	
5064	5090	159.32	200	100	1,477.68	0.54	2.86	
5065	5091	356.38	200	100	1,801.80	0.66	4.13	
5066	5092	57.09	200	100	1,377.47	0.51	2.51	
5067	5093	326.13	200	100	1,429.06	0.53	2.69	
5068	5094	263.55	200	100	548.15	0.2	0.46	
5069	5095	194.26	200	100	1,319.88	0.49	2.32	
5070	5096	263.16	200	100	1,659.16	0.61	3.54	
5071	5097	315.82	200	100	1,627.71	0.6	3.42	
5072	5098	214.61	200	100	1,131.82	0.42	1.75	
5073	5099	233.09	200	100	364.48	0.13	0.21	
5074	5100	269.42	200	100	716.31	0.26	0.75	
5075	5101	70.58	200	100	1,171.17	0.43	1.86	
5076	5102	68.81	200	100	1,073.12	0.4	1.58	
5077	5103	69.91	200	100	267.77	0.1	0.12	
5078	5104	421.24	200	100	570.57	0.21	0.49	
5079	5105	40.74	200	100	631.82	0.23	0.59	
5080	5106	158.03	200	100	644.41	0.24	0.61	
5081	5107	79.97	200	100	562.20	0.21	0.48	
5082	5108	119.19	200	100	625.72	0.23	0.58	
5083	5109	232.92	200	100	741.26	0.27	0.8	
5084	5110	423.74	200	100	567.25	0.21	0.49	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
5085	5111	39.06	200	100	180.38	0.07	0.06	
5086	5112	60.36	200	100	231.59	0.09	0.09	
5087	5113	150.96	200	100	186.19	0.07	0.06	
5088	5114	128.43	200	100	167.57	0.06	0.05	
5089	5115	111.66	200	100	8.69	0	0	
5090	5116	394.25	200	100	57.47	0.02	0.01	
5091	5117	224.06	200	100	681.76	0.25	0.68	
5092	5118	154.73	200	100	602.11	0.22	0.54	
5093	5119	74.63	200	100	126.71	0.05	0.03	
5094	5120	70.07	200	100	18.55	0.01	0	
5095	5121	22.95	200	100	0.00	0	0	
5096	5122	35.93	200	100	41.11	0.02	0	
5097	5123	51.81	200	100	63.24	0.02	0.01	
5098	5124	73.63	200	100	130.80	0.05	0.03	
5099	5125	42.31	200	100	123.23	0.05	0.03	
5100	5126	33.23	200	100	0.00	0	0	
5101	5127	43.77	200	100	0.00	0	0	
5102	5128	185.76	200	100	798.28	0.29	0.91	
5103	5129	73.66	200	100	1,134.78	0.42	1.75	
5104	5130	67.16	200	100	982.79	0.36	1.34	
5105	5131	218.33	200	100	963.39	0.35	1.3	
5106	5132	158.01	200	100	1,063.31	0.39	1.55	
5107	5133	123.67	200	100	213.00	0.08	0.08	
5108	5134	147.19	200	100	239.30	0.09	0.1	
5109	5135	150.02	200	100	48.29	0.02	0.01	
5110	5136	150.34	200	100	172.05	0.06	0.05	
5111	5137	88.8	200	100	125.86	0.05	0.03	
5112	5138	515.83	200	100	871.54	0.32	1.08	
5113	5139	282.15	200	100	941.82	0.35	1.24	
5114	5140	153.42	200	100	176.06	0.06	0.06	
5115	5141	119.64	200	100	417.51	0.15	0.28	
5116	5142	157.47	200	100	1,066.91	0.39	1.56	
5117	5143	54.14	200	100	0.00	0	0	
5118	5144	120.69	200	100	463.87	0.17	0.33	
5119	5145	164.06	200	100	401.89	0.15	0.26	
5120	5146	154.54	200	100	352.80	0.13	0.2	
5121	5147	215.13	200	100	475.88	0.18	0.35	
5122	5148	182.01	200	100	244.47	0.09	0.1	
5123	5149	72.08	200	100	0.60	0	0	
5124	5150	109.35	200	100	168.66	0.06	0.05	
5125	5151	133.97	200	100	64.74	0.02	0.01	
5126	5152	530.76	200	100	0.00	0	0	
5127	5153	154.83	200	100	936.64	0.35	1.23	
5128	5154	311.68	200	100	300.96	0.11	0.15	
5129	5155	428.31	200	100	164.53	0.06	0.05	
5130	5156	178.87	200	100	263.63	0.1	0.12	
5131	5157	175.54	200	100	532.11	0.2	0.43	
5132	5158	592.05	200	100	608.05	0.22	0.55	
5133	5159	812.64	200	100	1,209.72	0.45	1.97	
5134	5160	187.51	200	100	2,567.20	0.95	7.95	
5135	5161	150.32	200	100	402.72	0.15	0.26	
5136	5162	286.42	200	100	540.07	0.2	0.44	
5137	5163	35.37	200	100	180.00	0.07	0.06	
5138	5164	401.39	200	100	126.90	0.05	0.03	
5139	5165	24.46	200	100	10.34	0	0	
5140	5166	27.71	200	100	1,023.42	0.38	1.45	
5141	5167	174.09	200	100	808.23	0.3	0.94	
5142	5168	43.74	200	100	1,005.56	0.37	1.4	
5143	5169	73.92	200	100	511.60	0.19	0.4	
5144	5170	305.76	200	100	47.38	0.02	0	
5145	5171	82.8	200	100	392.91	0.14	0.25	
5146	5172	109.29	200	100	703.84	0.26	0.72	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
5147	5173	108.57	200	100	1,202.04	0.44	1.95	
5148	5174	76.05	200	100	793.53	0.29	0.9	
5149	5175	34.25	200	100	594.77	0.22	0.53	
5150	5176	21.24	200	100	302.57	0.11	0.15	
5151	5177	31.77	200	100	480.24	0.18	0.36	
5152	5178	731.41	200	100	275.82	0.1	0.13	
5153	5179	139.21	200	100	898.89	0.33	1.14	
5154	5180	418.7	200	100	147.60	0.05	0.04	
5155	5181	152.72	200	100	696.90	0.26	0.71	
5156	5182	24.41	200	100	429.23	0.16	0.29	
5157	5183	108.45	200	100	207.52	0.08	0.08	
5158	5184	394.73	200	100	820.57	0.3	0.96	
5159	5185	58.39	200	100	56.73	0.02	0.01	
5160	5186	45.23	200	100	72.58	0.03	0.01	
5161	5187	47.4	200	100	113.94	0.04	0.02	
5162	5188	59.76	200	100	301.54	0.11	0.15	
5163	5189	551.74	200	100	174.59	0.06	0.05	
5164	5190	127.82	200	100	250.49	0.09	0.11	
5165	5191	44.33	200	100	675.96	0.25	0.67	
5166	5192	55.69	200	100	439.54	0.16	0.3	
5167	5193	685.46	200	100	8.45	0	0	
5168	5194	39.46	200	100	699.72	0.26	0.72	
5169	5195	47.8	200	100	176.25	0.06	0.06	
5170	5196	40.08	200	100	483.37	0.18	0.36	
5171	5197	42.34	200	100	743.19	0.27	0.8	
5172	5198	38.21	200	100	909.07	0.33	1.16	
5173	5199	39.44	200	100	1,076.11	0.4	1.59	
5174	5200	38.94	200	100	1,242.08	0.46	2.07	
5175	5201	38.87	200	100	1,263.49	0.47	2.14	
5176	5202	3.76	200	100	660.52	0.24	0.64	
5177	5203	258.04	200	100	1,729.87	0.64	3.83	
5178	5204	44.85	200	100	188.45	0.07	0.06	
5179	5205	169.39	200	100	2,009.44	0.74	5.05	
5180	5206	126.39	200	100	900.65	0.33	1.14	
5181	5207	191.87	200	100	1,045.04	0.39	1.51	
5182	5208	166.73	200	100	288.19	0.11	0.14	
5183	5209	538.47	200	100	423.33	0.16	0.28	
5184	5210	47.54	200	100	41.26	0.02	0	
5185	5211	262.05	200	100	174.03	0.06	0.05	
5186	5212	45.2	200	100	778.53	0.29	0.87	
5187	5213	178.91	200	100	377.55	0.14	0.23	
5188	5214	147.34	200	100	315.62	0.12	0.16	
5189	5215	30.38	200	100	1,161.88	0.43	1.83	
5190	5216	85.14	200	100	460.50	0.17	0.33	
5191	5217	58.36	200	100	780.31	0.29	0.88	
5192	5218	689.96	200	100	273.07	0.1	0.13	
5193	5219	143.44	200	100	279.90	0.1	0.13	
5194	5220	162.79	200	100	373.48	0.14	0.22	
5195	5221	155.49	200	100	10.58	0	0	
5196	5222	254.87	200	100	1,607.26	0.59	3.34	
5197	5223	84.81	200	100	439.56	0.16	0.3	
5198	5224	850.12	200	100	264.36	0.1	0.12	
5199	5225	315.96	200	100	1,745.20	0.64	3.89	
5200	5226	14.76	200	100	419.06	0.15	0.28	
5201	5227	2.53	200	100	421.35	0.16	0.28	
5202	5228	1,155.01	200	100	1,290.00	0.48	2.22	
5203	5229	791.58	200	100	83.34	0.03	0.01	
5204	5230	63.93	200	100	362.42	0.13	0.21	
5205	5231	428.69	200	100	435.97	0.16	0.3	
5206	5232	167.09	200	100	195.12	0.07	0.07	
5207	5233	31.97	200	100	349.99	0.13	0.2	
5208	5234	128.64	200	100	24.82	0.01	0	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
5209	5235	86.66	200	100	72.52	0.03	0.01	
5210	5236	86.65	200	100	413.59	0.15	0.27	
5211	5237	80.64	200	100	600.46	0.22	0.54	
5212	5238	58.75	200	100	142.33	0.05	0.04	
5213	5239	31.49	200	100	324.04	0.12	0.17	
5214	5240	244.47	200	100	1,507.25	0.56	2.97	
5215	5241	52.49	200	100	1,211.30	0.45	1.98	
5216	5242	40.81	200	100	45.37	0.02	0	
5217	5243	57.72	200	100	2,119.43	0.78	5.58	
5218	5244	526.11	200	100	920.30	0.34	1.19	
5219	5245	883.64	200	100	429.04	0.16	0.29	
5220	5246	1860.85	200	100	425.79	0.16	0.29	
5221	5247	29.97	200	100	15.46	0.01	0	
5222	5248	903.39	150	100	60.46	0.04	0.03	
5223	5249	311.93	150	100	147.71	0.1	0.16	
5224	5250	244.74	150	100	76.05	0.05	0.05	
5225	5251	32.25	300	100	3,382.82	0.55	1.84	
5226	5252	998.37	150	100	16.36	0.01	0	
5227	5253	1064.9	150	100	0.00	0	0	
5228	5254	108.69	150	100	484.13	0.32	1.47	
5229	5255	269.08	150	100	384.35	0.25	0.96	
5230	5256	315.28	150	100	40.37	0.03	0.01	
5231	5257	669.31	150	100	73.92	0.05	0.05	
5232	5258	528.86	150	100	11.08	0.01	0	
5233	5259	136.6	150	100	9.08	0.01	0	
5234	5260	49.51	150	100	174.19	0.11	0.22	
5235	5261	42.85	150	100	91.52	0.06	0.07	
5236	5262	154.94	150	100	674.66	0.44	2.72	
5237	5263	28.65	150	100	386.33	0.25	0.97	
5238	5264	36.24	150	100	198.06	0.13	0.28	
5239	5265	64.74	150	100	122.95	0.08	0.12	
5240	5266	33.87	150	100	83.50	0.05	0.06	
5241	5267	38.32	150	100	110.33	0.07	0.1	
5242	5268	37	150	100	77.91	0.05	0.05	
5243	5269	139.46	150	100	85.02	0.06	0.06	
5244	5270	161.22	150	100	37.99	0.02	0.01	
5245	5271	50.67	150	100	32.38	0.02	0.01	
5246	5272	43.79	150	100	171.54	0.11	0.22	
5247	5273	52.01	150	100	261.28	0.17	0.47	
5248	5274	116.56	150	100	79.92	0.05	0.05	
5249	5275	38.17	150	100	163.84	0.11	0.2	
5250	5276	255.23	150	100	163.24	0.11	0.2	
5251	5277	78.38	150	100	498.41	0.33	1.55	
5252	5278	49.89	150	100	64.65	0.04	0.04	
5253	5279	50.12	150	100	44.36	0.03	0.02	
5254	5280	135.21	150	100	97.01	0.06	0.07	
5255	5281	44.14	150	100	105.90	0.07	0.09	
5256	5282	70.48	150	100	183.84	0.12	0.24	
5257	5283	44.65	150	100	249.28	0.16	0.43	
5258	5284	146.51	150	100	918.11	0.6	4.81	
5259	5285	35.29	150	100	77.87	0.05	0.05	
5260	5286	39.09	150	100	112.19	0.07	0.1	
5261	5287	13.41	150	100	525.27	0.34	1.71	
5262	5288	67.4	150	100	136.11	0.09	0.14	
5263	5289	6.63	150	100	383.10	0.25	0.95	
5264	5290	8.91	150	100	213.89	0.14	0.32	
5265	5291	64.72	150	100	69.02	0.05	0.04	
5266	5292	69.49	150	100	71.90	0.05	0.04	
5267	5293	33.12	150	100	237.90	0.16	0.39	
5268	5294	38.02	150	100	161.82	0.11	0.19	
5269	5295	44.49	150	100	170.80	0.11	0.21	
5270	5296	139.88	150	100	87.53	0.06	0.06	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
5271	5297	231.93	150	100	440.87	0.29	1.24	
5272	5298	45.6	150	100	272.04	0.18	0.51	
5273	5299	41.47	150	100	320.76	0.21	0.69	
5274	5300	37.97	150	100	30.35	0.02	0.01	
5275	5301	90.23	150	100	20.18	0.01	0	
5276	5302	124.08	150	100	34.23	0.02	0.01	
5277	5303	37.3	150	100	98.90	0.06	0.08	
5278	5304	81.62	150	100	31.42	0.02	0.01	
5279	5305	93.39	150	100	282.87	0.19	0.54	
5280	5306	142.28	150	100	373.88	0.24	0.91	
5281	5307	31.96	150	100	509.18	0.33	1.61	
5282	5308	30.72	150	100	76.74	0.05	0.05	
5283	5309	42.73	150	100	108.33	0.07	0.09	
5284	5310	35.55	150	100	34.40	0.02	0.01	
5285	5311	5.65	150	100	42.98	0.03	0.02	
5286	5312	116.03	150	100	63.84	0.04	0.03	
5287	5313	38.09	150	100	137.04	0.09	0.14	
5288	5314	118.58	150	100	194.19	0.13	0.27	
5289	5315	38.6	150	100	23.86	0.02	0.01	
5290	5316	40.63	150	100	108.26	0.07	0.09	
5291	5317	76.89	150	100	63.38	0.04	0.03	
5292	5318	38.97	150	100	124.99	0.08	0.12	
5293	5319	80.41	150	100	431.84	0.28	1.19	
5294	5320	80.41	150	100	460.84	0.3	1.34	
5295	5321	137.53	150	100	3.08	0	0	
5296	5322	46.96	150	100	197.67	0.13	0.28	
5297	5323	140.76	150	100	30.41	0.02	0.01	
5298	5324	34.19	150	100	673.57	0.44	2.71	
5299	5325	451.6	150	100	212.39	0.14	0.32	
5300	5326	38.15	150	100	163.08	0.11	0.2	
5301	5327	45.8	150	100	306.24	0.2	0.63	
5302	5328	40.45	150	100	137.67	0.09	0.14	
5303	5329	246.71	150	100	157.21	0.1	0.18	
5304	5330	98.61	150	100	15.63	0.01	0	
5305	5331	38.11	150	100	103.09	0.07	0.08	
5306	5332	46.9	150	100	39.62	0.03	0.01	
5307	5333	38.81	150	100	28.57	0.02	0.01	
5308	5334	47.73	150	100	64.40	0.04	0.04	
5309	5335	369.88	150	100	1,801.80	1.18	16.77	
5310	5336	170.74	150	100	197.72	0.13	0.28	
5311	5337	182.89	150	100	15.81	0.01	0	
5312	5338	952.22	150	100	469.59	0.31	1.39	
5313	5339	39.85	150	100	202.41	0.13	0.29	
5314	5340	412.91	150	100	628.01	0.41	2.38	
5315	5341	62.6	150	100	111.23	0.07	0.1	
5316	5342	72.32	150	100	552.86	0.36	1.88	
5317	5343	167.52	150	100	0.00	0	0	
5318	5344	26.15	150	100	28.93	0.02	0.01	
5319	5345	128.01	150	100	152.25	0.1	0.17	
5320	5346	94.64	150	100	77.29	0.05	0.05	
5321	5347	40.79	150	100	48.77	0.03	0.02	
5322	5348	90.89	150	100	162.75	0.11	0.2	
5323	5349	46.54	150	100	128.44	0.08	0.13	
5324	5350	189.01	150	100	394.77	0.26	0.99	
5325	5351	48.3	150	100	229.33	0.15	0.37	
5326	5352	164.08	150	100	296.98	0.19	0.59	
5327	5353	176.7	150	100	698.30	0.46	2.9	
5328	5354	92.79	150	100	325.67	0.21	0.71	
5329	5355	248.06	150	100	675.04	0.44	2.72	
5330	5356	30.17	150	100	49.48	0.03	0.02	
5331	5357	496.76	150	100	146.72	0.1	0.16	
5332	5358	1.73	150	100	181.90	0.12	0.24	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
5333	5359	42.65	150	100	47.66	0.03	0.02	
5334	5360	187.79	150	100	161.66	0.11	0.19	
5335	5361	97.86	150	100	202.41	0.13	0.29	
5336	5362	641.21	150	100	228.54	0.15	0.37	
5337	5363	27.93	150	100	449.51	0.29	1.28	
5338	5364	115.79	150	100	523.15	0.34	1.7	
5339	5365	8.38	150	100	1,032.57	0.68	5.98	
5340	5366	43.71	150	100	925.74	0.61	4.88	
5341	5367	47.69	150	100	56.43	0.04	0.03	
5342	5368	47.02	150	100	231.08	0.15	0.37	
5343	5369	128.5	150	100	455.25	0.3	1.31	
5344	5370	93.55	150	100	95.40	0.06	0.07	
5345	5371	46.53	150	100	154.04	0.1	0.18	
5346	5372	489.47	150	100	120.76	0.08	0.11	
5347	5373	45.39	150	100	2.01	0	0	
5348	5374	46.22	150	100	100.73	0.07	0.08	
5349	5375	37.69	150	100	175.71	0.12	0.23	
5350	5376	46	150	100	40.71	0.03	0.01	
5351	5377	268.25	150	100	133.34	0.09	0.13	
5352	5378	84.09	150	100	94.50	0.06	0.07	
5353	5379	138.9	150	100	21.62	0.01	0	
5354	5380	135.42	150	100	82.07	0.05	0.05	
5355	5381	38.18	150	100	82.14	0.05	0.06	
5356	5382	50.53	150	100	91.95	0.06	0.07	
5357	5383	142.48	150	100	99.09	0.06	0.08	
5358	5384	65.28	150	100	119.85	0.08	0.11	
5359	5385	54.25	150	100	218.83	0.14	0.34	
5360	5386	86.58	150	100	300.22	0.2	0.61	
5361	5387	147.27	150	100	359.87	0.24	0.85	
5362	5388	91.96	150	100	74.19	0.05	0.05	
5363	5389	112.53	150	100	91.92	0.06	0.07	
5364	5390	46.56	150	100	56.13	0.04	0.03	
5365	5391	58.96	150	100	237.07	0.16	0.39	
5366	5392	119.5	150	100	238.86	0.16	0.4	
5367	5393	73.54	150	100	79.75	0.05	0.05	
5368	5394	276.7	150	100	16.01	0.01	0	
5369	5395	100.98	150	100	117.02	0.08	0.11	
5370	5396	69.4	150	100	111.16	0.07	0.1	
5371	5397	111.24	150	100	192.04	0.13	0.27	
5372	5398	233.34	150	100	239.42	0.16	0.4	
5373	5399	103.56	150	100	122.46	0.08	0.12	
5374	5400	101.81	150	100	146.24	0.1	0.16	
5375	5401	15.72	150	100	377.66	0.25	0.93	
5376	5402	97.81	150	100	514.33	0.34	1.64	
5377	5403	141.65	150	100	28.74	0.02	0.01	
5378	5404	97.51	150	100	555.98	0.36	1.9	
5379	5405	143.22	150	100	108.23	0.07	0.09	
5380	5406	62.66	150	100	45.01	0.03	0.02	
5381	5407	131.67	150	100	203.80	0.13	0.3	
5382	5408	43.83	150	100	197.07	0.13	0.28	
5383	5409	66.64	150	100	495.48	0.32	1.53	
5384	5410	111.67	150	100	571.91	0.37	2	
5385	5411	72.9	150	100	245.12	0.16	0.42	
5386	5412	43.48	150	100	140.66	0.09	0.15	
5387	5413	105.76	150	100	98.75	0.06	0.08	
5388	5414	104.44	150	100	114.25	0.07	0.1	
5389	5415	20.82	150	100	228.13	0.15	0.36	
5390	5416	90.18	150	100	113.88	0.07	0.1	
5391	5417	68.65	150	100	128.83	0.08	0.13	
5392	5418	69.85	150	100	109.22	0.07	0.09	
5393	5419	62.92	150	100	129.52	0.08	0.13	
5394	5420	124.03	150	100	120.35	0.08	0.11	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
5395	5421	79.62	150	100	9.28	0.01	0	
5396	5422	104.03	150	100	2.71	0	0	
5397	5423	232.99	150	100	232.09	0.15	0.38	
5398	5424	116.52	150	100	307.37	0.2	0.63	
5399	5425	82.11	150	100	249.04	0.16	0.43	
5400	5426	68.79	150	100	25.16	0.02	0.01	
5401	5427	89.51	150	100	449.01	0.29	1.28	
5402	5428	97.54	150	100	213.57	0.14	0.32	
5403	5429	38.06	150	100	256.61	0.17	0.45	
5404	5430	81.67	150	100	348.77	0.23	0.8	
5405	5431	160.7	150	100	6.63	0	0	
5406	5432	77.28	150	100	44.96	0.03	0.02	
5407	5433	116.79	150	100	123.84	0.08	0.12	
5408	5434	197.37	150	100	239.96	0.16	0.4	
5409	5435	77.63	150	100	408.83	0.27	1.08	
5410	5436	128.33	150	100	251.00	0.16	0.44	
5411	5437	44.02	150	100	296.39	0.19	0.59	
5412	5438	25.35	150	100	190.04	0.12	0.26	
5413	5439	41.5	150	100	414.68	0.27	1.1	
5414	5440	127.41	150	100	183.93	0.12	0.24	
5415	5441	28.49	150	100	326.18	0.21	0.71	
5416	5442	95.22	150	100	51.39	0.03	0.02	
5417	5443	36.08	150	100	104.10	0.07	0.09	
5418	5444	23.7	150	100	436.18	0.29	1.21	
5419	5445	84.84	150	100	247.86	0.16	0.43	
5420	5446	56.04	150	100	89.92	0.06	0.07	
5421	5447	55.64	150	100	226.25	0.15	0.36	
5422	5448	60.72	150	100	11.71	0.01	0	
5423	5449	80.79	150	100	105.16	0.07	0.09	
5424	5450	93.15	150	100	93.14	0.06	0.07	
5425	5451	128.1	150	100	10.85	0.01	0	
5426	5452	155.47	150	100	34.96	0.02	0.01	
5427	5453	30.67	150	100	309.23	0.2	0.64	
5428	5454	225.52	150	100	190.66	0.12	0.26	
5429	5455	125.56	150	100	4.08	0	0	
5430	5456	231.24	150	100	282.68	0.19	0.54	
5431	5457	41.51	150	100	168.67	0.11	0.21	
5432	5458	70.53	150	100	22.68	0.01	0.01	
5433	5459	209.97	150	100	61.98	0.04	0.03	
5434	5460	80.59	150	100	458.51	0.3	1.33	
5435	5461	79.36	150	100	399.07	0.26	1.03	
5436	5462	141.41	150	100	256.46	0.17	0.45	
5437	5463	142.23	150	100	194.65	0.13	0.27	
5438	5464	182.4	150	100	106.07	0.07	0.09	
5439	5465	149.5	150	100	325.59	0.21	0.71	
5440	5466	77.07	150	100	225.86	0.15	0.36	
5441	5467	73.2	150	100	360.23	0.24	0.85	
5442	5468	170.53	150	100	265.11	0.17	0.48	
5443	5469	42.23	150	100	346.84	0.23	0.79	
5444	5470	111.59	150	100	546.00	0.36	1.84	
5445	5471	85.85	150	100	49.82	0.03	0.02	
5446	5472	103.54	150	100	507.41	0.33	1.6	
5447	5473	131.39	150	100	285.58	0.19	0.55	
5448	5474	80.17	150	100	133.53	0.09	0.14	
5449	5475	47.32	150	100	430.64	0.28	1.18	
5450	5476	210.57	150	100	763.68	0.5	3.42	
5451	5477	127.94	150	100	347.27	0.23	0.79	
5452	5478	41.21	150	100	176.97	0.12	0.23	
5453	5479	36.83	150	100	147.01	0.1	0.16	
5454	5480	11.02	150	100	7.90	0.01	0	
5455	5481	120.93	150	100	115.34	0.08	0.1	
5456	5482	27.89	150	100	293.98	0.19	0.58	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
5457	5483	14.75	150	100	128.34	0.08	0.13	
5458	5484	289.48	150	100	62.05	0.04	0.03	
5459	5485	50.11	150	100	55.69	0.04	0.03	
5460	5486	37.1	150	100	2.12	0	0	
5461	5487	29.94	150	100	99.57	0.07	0.08	
5462	5488	164.4	150	100	212.07	0.14	0.32	
5463	5489	32.41	150	100	136.49	0.09	0.14	
5464	5490	138.57	150	100	137.31	0.09	0.14	
5465	5491	89.92	150	100	189.11	0.12	0.26	
5466	5492	108.64	150	100	56.04	0.04	0.03	
5467	5493	69.67	150	100	186.61	0.12	0.25	
5468	5494	170.78	150	100	207.28	0.14	0.31	
5469	5495	28.38	150	100	293.70	0.19	0.58	
5470	5496	40.32	150	100	275.59	0.18	0.52	
5471	5497	87.63	150	100	465.28	0.3	1.37	
5472	5498	38.13	150	100	555.58	0.36	1.9	
5473	5499	42.4	150	100	217.71	0.14	0.33	
5474	5500	64.44	150	100	75.62	0.05	0.05	
5475	5501	119.07	150	100	88.61	0.06	0.06	
5476	5502	68.73	150	100	81.75	0.05	0.05	
5477	5503	112.02	150	100	34.27	0.02	0.01	
5478	5504	73.69	150	100	80.18	0.05	0.05	
5479	5505	107.46	150	100	6.73	0	0	
5480	5506	175.43	150	100	203.56	0.13	0.3	
5481	5507	37.69	150	100	337.86	0.22	0.76	
5482	5508	136.85	150	100	346.35	0.23	0.79	
5483	5509	68.68	150	100	491.18	0.32	1.51	
5484	5510	186.97	150	100	295.87	0.19	0.59	
5485	5511	155.27	150	100	146.31	0.1	0.16	
5486	5512	77.02	150	100	337.93	0.22	0.76	
5487	5513	82.34	150	100	84.37	0.06	0.06	
5488	5514	41.04	150	100	156.96	0.1	0.18	
5489	5515	7.3	150	100	714.55	0.47	3.02	
5490	5516	475.8	150	100	76.92	0.05	0.05	
5491	5517	152.69	150	100	342.34	0.22	0.77	
5492	5518	69.91	150	100	216.64	0.14	0.33	
5493	5519	156.4	150	100	142.41	0.09	0.15	
5494	5520	168.54	150	100	176.77	0.12	0.23	
5495	5521	259.72	150	100	220.08	0.14	0.34	
5496	5522	20.83	150	100	525.94	0.34	1.71	
5497	5523	90.42	150	100	336.42	0.22	0.75	
5498	5524	76.37	150	100	470.71	0.31	1.4	
5499	5525	46.34	150	100	167.12	0.11	0.21	
5500	5526	100	150	100	150.92	0.1	0.17	
5501	5527	83.15	150	100	239.34	0.16	0.4	
5502	5528	131.53	150	100	102.14	0.07	0.08	
5503	5529	17.66	150	100	211.18	0.14	0.32	
5504	5530	69.37	150	100	348.79	0.23	0.8	
5505	5531	136.12	150	100	10.50	0.01	0	
5506	5532	127.44	150	100	72.99	0.05	0.04	
5507	5533	983.76	150	100	134.31	0.09	0.14	
5508	5534	931.66	150	100	982.48	0.64	5.45	
5509	5535	1339.6	150	100	33.69	0.02	0.01	
5510	5536	671.8	150	100	0.00	0	0	
5511	5537	1241.16	150	100	18.03	0.01	0	
5512	5538	1367.03	150	100	9.40	0.01	0	
5513	5539	402.42	150	100	254.89	0.17	0.45	
5514	5540	135.99	150	100	5.30	0	0	
5515	5541	48.03	150	100	395.13	0.26	1.01	
5516	5542	188.39	150	100	184.20	0.12	0.25	
5517	5543	128.31	150	100	416.27	0.27	1.11	
5518	5544	227.11	150	100	27.80	0.02	0.01	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
5519	5545	89.67	150	100	122.17	0.08	0.11	
5520	5546	81.9	150	100	158.02	0.1	0.18	
5521	5547	87.64	150	100	296.47	0.19	0.59	
5522	5548	513.5	150	100	51.77	0.03	0.02	
5523	5549	883.25	150	100	38.63	0.03	0.01	
5524	5550	258.9	150	100	2.90	0	0	
5525	5551	789.37	150	100	16.08	0.01	0	
5526	5552	246.13	150	100	170.59	0.11	0.21	
5527	5553	77.5	150	100	174.87	0.11	0.22	
5528	5554	1502.19	1100	100	23.109.08	0.28	0.12	
5529	5555	452.94	1100	100	12.477.54	0.15	0.04	
5530	5556	816.51	1100	100	40.011.89	0.49	0.32	
5531	5557	57.82	1000	100	45.199.20	0.67	0.64	
5532	5558	34.54	1000	100	45.199.20	0.67	0.64	
5533	5559	946.3	1000	100	44.203.80	0.65	0.61	
5534	5560	299.1	100	100	13.97	0.02	0.01	
5535	5561	205.86	100	100	1.87	0	0	
5536	5562	179.02	100	100	49.16	0.07	0.15	
5537	5563	198.15	100	100	6.79	0.01	0	
5538	5564	195.85	100	100	24.37	0.04	0.04	
5539	5565	454.87	100	100	8.20	0.01	0.01	
5540	5566	472.26	100	100	1.79	0	0	
5541	5567	433.4	100	100	9.76	0.01	0.01	
5542	5568	830.9	100	100	1.72	0	0	
5543	5569	209.03	100	100	19.65	0.03	0.03	
5544	5570	742.98	100	100	11.62	0.02	0.01	
5545	5571	82.58	100	100	16.68	0.02	0.02	
5546	5572	225.08	100	100	6.14	0.01	0	
5547	5573	24.62	100	100	33.15	0.05	0.07	
5548	5574	352.96	100	100	6.46	0.01	0	
5549	5575	273.94	100	100	9.90	0.01	0.01	
5550	5576	147.52	100	100	13.00	0.02	0.01	
5551	5577	127.51	100	100	43.23	0.06	0.12	
5552	5578	325.17	100	100	91.80	0.14	0.49	
5553	5579	879.38	100	100	13.85	0.02	0.01	
5554	5580	300.66	100	100	44.70	0.07	0.13	
5555	5581	852.68	100	100	311.84	0.46	4.69	
5556	5582	328.96	100	100	106.36	0.16	0.64	
5557	5583	407.38	100	100	419.33	0.62	8.12	
5558	5584	47.31	100	100	210.03	0.31	2.26	
5559	5585	47.16	100	100	0.27	0	0	
5560	5586	82.1	100	100	12.62	0.02	0.01	
5561	5587	84.14	100	100	17.10	0.03	0.02	
5562	5588	55.16	100	100	4.92	0.01	0	
5563	5589	38.68	100	100	9.75	0.01	0.01	
5564	5590	79.27	100	100	23.43	0.03	0.04	
5565	5591	36.84	100	100	48.52	0.07	0.15	
5566	5592	52.91	100	100	30.60	0.05	0.06	
5567	5593	46.11	100	100	9.53	0.01	0.01	
5568	5594	49.73	100	100	61.20	0.09	0.23	
5569	5595	49.3	100	100	48.41	0.07	0.15	
5570	5596	54.04	100	100	10.86	0.02	0.01	
5571	5597	46.15	100	100	63.08	0.09	0.24	
5572	5598	75.81	100	100	52.71	0.08	0.17	
5573	5599	32.41	100	100	109.26	0.16	0.67	
5574	5600	178.78	100	100	42.42	0.06	0.12	
5575	5601	98.89	100	100	53.74	0.08	0.18	
5576	5602	56.54	100	100	10.87	0.02	0.01	
5577	5603	38.27	100	100	19.88	0.03	0.03	
5578	5604	84.84	100	100	1.16	0	0	
5579	5605	54.05	100	100	17.67	0.03	0.02	
5580	5606	40.83	100	100	19.48	0.03	0.03	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
5581	5607	62	100	100	13.39	0.02	0.01	
5582	5608	48.82	100	100	10.13	0.01	0.01	
5583	5609	28.22	100	100	5.40	0.01	0	
5584	5610	72.84	100	100	74.27	0.11	0.33	
5585	5611	57.76	100	100	13.21	0.02	0.01	
5586	5612	36.42	100	100	118.28	0.17	0.78	
5587	5613	63.24	100	100	0.27	0	0	
5588	5614	222.71	100	100	34.92	0.05	0.08	
5589	5615	215.12	100	100	36.16	0.05	0.09	
5590	5616	47.92	100	100	48.44	0.07	0.15	
5591	5617	42.35	100	100	32.16	0.05	0.07	
5592	5618	42.45	100	100	63.51	0.09	0.25	
5593	5619	62.29	100	100	25.80	0.04	0.05	
5594	5620	86	100	100	61.11	0.09	0.23	
5595	5621	108.7	100	100	38.14	0.06	0.1	
5596	5622	100.13	100	100	10.49	0.02	0.01	
5597	5623	66.39	100	100	21.28	0.03	0.03	
5598	5624	104.16	100	100	10.77	0.02	0.01	
5599	5625	58.59	100	100	7.05	0.01	0	
5600	5626	182.68	100	100	0.00	0	0	
5601	5627	33.94	100	100	156.84	0.23	1.31	
5602	5628	123.81	100	100	26.36	0.04	0.05	
5603	5629	70.5	100	100	60.25	0.09	0.22	
5604	5630	115.85	100	100	110.60	0.16	0.69	
5605	5631	34.88	100	100	142.36	0.21	1.1	
5606	5632	35.19	100	100	6.37	0.01	0	
5607	5633	31.8	100	100	37.68	0.06	0.09	
5608	5634	91.67	100	100	81.28	0.12	0.39	
5609	5635	44.51	100	100	72.42	0.11	0.31	
5610	5636	36.59	100	100	62.81	0.09	0.24	
5611	5637	31.35	100	100	44.82	0.07	0.13	
5612	5638	38.93	100	100	18.60	0.03	0.03	
5613	5639	62.35	100	100	8.77	0.01	0.01	
5614	5640	39.79	100	100	90.59	0.13	0.48	
5615	5641	44.31	100	100	105.52	0.16	0.63	
5616	5642	185.89	100	100	4.27	0.01	0	
5617	5643	36.92	100	100	101.56	0.15	0.59	
5618	5644	61.93	100	100	40.72	0.06	0.11	
5619	5645	36.11	100	100	105.20	0.16	0.63	
5620	5646	38.62	100	100	6.39	0.01	0	
5621	5647	78.49	100	100	0.27	0	0	
5622	5648	80.69	100	100	25.59	0.04	0.05	
5623	5649	221.94	100	100	32.77	0.05	0.07	
5624	5650	463.8	100	100	34.74	0.05	0.08	
5625	5651	266.5	100	100	15.70	0.02	0.02	
5626	5652	267.22	100	100	43.68	0.06	0.12	
5627	5653	197.31	100	100	70.41	0.1	0.3	
5628	5654	39.05	100	100	31.79	0.05	0.07	
5629	5655	37.46	100	100	46.39	0.07	0.14	
5630	5656	28.44	100	100	96.12	0.14	0.53	
5631	5657	109.94	100	100	19.09	0.03	0.03	
5632	5658	38.18	100	100	129.21	0.19	0.92	
5633	5659	49.76	100	100	236.73	0.35	2.82	
5634	5660	28.32	100	100	12.36	0.02	0.01	
5635	5661	255.77	100	100	192.54	0.28	1.92	
5636	5662	165.53	100	100	9.54	0.01	0.01	
5637	5663	86.52	100	100	0.41	0	0	
5638	5664	15.07	100	100	2.81	0	0	
5639	5665	34.09	100	100	39.14	0.06	0.1	
5640	5666	46.19	100	100	42.06	0.06	0.11	
5641	5667	41.4	100	100	57.02	0.08	0.2	
5642	5668	40.48	100	100	19.02	0.03	0.03	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
5643	5669	115.7	100	100	28.35	0.04	0.06	
5644	5670	174.84	100	100	35.77	0.05	0.09	
5645	5671	38.47	100	100	22.67	0.03	0.04	
5646	5672	38.41	100	100	84.44	0.12	0.42	
5647	5673	17.14	100	100	139.36	0.21	1.06	
5648	5674	33.77	100	100	27.86	0.04	0.05	
5649	5675	325.42	100	100	47.35	0.07	0.14	
5650	5676	138.87	100	100	14.25	0.02	0.02	
5651	5677	222.48	100	100	38.58	0.06	0.1	
5652	5678	110.35	100	100	71.64	0.11	0.31	
5653	5679	202.6	100	100	2.17	0	0	
5654	5680	32.06	100	100	127.07	0.19	0.89	
5655	5681	46.5	100	100	27.14	0.04	0	
5656	5682	41.02	100	100	10.21	0.02	0.01	
5657	5683	397.83	100	100	29.90	0.04	0.06	
5658	5684	46.81	100	100	62.87	0.09	0.24	
5659	5685	160.69	100	100	13.57	0.02	0.01	
5660	5686	82.65	100	100	18.21	0.03	0.02	
5661	5687	115.7	100	100	3.95	0.01	0	
5662	5688	267.04	100	100	21.96	0.03	0.03	
5663	5689	390.32	100	100	24.72	0.04	0.04	
5664	5690	138.53	100	100	37.74	0.06	0.09	
5665	5691	40.02	100	100	29.88	0.04	0.06	
5666	5692	223.1	100	100	19.35	0.03	0.03	
5667	5693	218.84	100	100	22.16	0.03	0.04	
5668	5694	130.87	100	100	441.87	0.65	8.95	
5669	5695	40.77	100	100	23.45	0.03	0.04	
5670	5696	48.16	100	100	71.77	0.11	0.31	
5671	5697	40.5	100	100	164.22	0.24	1.43	
5672	5698	39.84	100	100	3.83	0.01	0.01	
5673	5699	39.73	100	100	130.03	0.19	0.93	
5674	5700	35.57	100	100	39.57	0.06	0.1	
5675	5701	70.69	100	100	37.02	0.05	0.09	
5676	5702	47.4	100	100	109.95	0.16	0.68	
5677	5703	28.5	100	100	24.06	0.04	0.04	
5678	5704	306.09	100	100	19.39	0.03	0.03	
5679	5705	147.66	100	100	93.27	0.14	0.5	
5680	5706	167.43	100	100	8.02	0.01	0.01	
5681	5707	31.97	100	100	121.55	0.18	0.82	
5682	5708	37.99	100	100	22.28	0.03	0.04	
5683	5709	37.51	100	100	85.76	0.13	0.43	
5684	5710	17.16	100	100	136.20	0.2	1.01	
5685	5711	243.07	100	100	18.85	0.03	0.03	
5686	5712	33.85	100	100	20.93	0.03	0.03	
5687	5713	47.51	100	100	9.83	0.01	0.01	
5688	5714	39.59	100	100	56.53	0.08	0.2	
5689	5715	41.03	100	100	73.35	0.11	0.32	
5690	5716	143.67	100	100	20.66	0.03	0.03	
5691	5717	35.61	100	100	135.71	0.2	1	
5692	5718	35.49	100	100	157.44	0.23	1.32	
5693	5719	65.34	100	100	9.07	0.01	0.01	
5694	5720	43.71	100	100	7.44	0.01	0	
5695	5721	45.34	100	100	6.66	0.01	0	
5696	5722	608.18	100	100	2.07	0	0	
5697	5723	100.1	100	100	115.01	0.17	0.74	
5698	5724	182.34	100	100	82.33	0.12	0.4	
5699	5725	187.67	100	100	118.93	0.18	0.79	
5700	5726	39.63	100	100	229.87	0.34	2.67	
5701	5727	29.01	100	100	68.70	0.1	0.28	
5702	5728	39.23	100	100	68.44	0.1	0.28	
5703	5729	158.07	100	100	112.91	0.17	0.71	
5704	5730	47.81	100	100	40.32	0.06	0.11	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
5705	5731	106.76	100	100	46.50	0.07	0.14	
5706	5732	26.28	100	100	20.75	0.03	0.03	
5707	5733	35.85	100	100	51.81	0.08	0.17	
5708	5734	56.21	100	100	54.60	0.08	0.19	
5709	5735	49.62	100	100	135.28	0.2	1	
5710	5736	160.66	100	100	16.90	0.02	0.02	
5711	5737	25.36	100	100	63.48	0.09	0.25	
5712	5738	62.49	100	100	209.52	0.31	2.25	
5713	5739	22.95	100	100	44.76	0.07	0.13	
5714	5740	41.91	100	100	28.51	0.04	0.06	
5715	5741	57.7	100	100	1.30	0	0	
5716	5742	46.89	100	100	16.54	0.02	0.02	
5717	5743	240.09	100	100	6.10	0.01	0	
5718	5744	80.25	100	100	223.82	0.33	2.54	
5719	5745	426.51	100	100	75.26	0.11	0.34	
5720	5746	106.55	100	100	207.08	0.31	2.2	
5721	5747	164.7	100	100	9.16	0.01	0.01	
5722	5748	45.9	100	100	17.93	0.03	0.02	
5723	5749	60.44	100	100	27.73	0.04	0.05	
5724	5750	54.72	100	100	33.06	0.05	0.07	
5725	5751	45.41	100	100	70.05	0.1	0.3	
5726	5752	42.11	100	100	12.54	0.02	0.01	
5727	5753	106.28	100	100	222.97	0.33	2.52	
5728	5754	150.81	100	100	277.25	0.41	3.77	
5729	5755	48.24	100	100	45.68	0.07	0.13	
5730	5756	161.45	100	100	25.38	0.04	0.05	
5731	5757	38.87	100	100	10.25	0.02	0.01	
5732	5758	110.92	100	100	7.76	0.01	0.01	
5733	5759	40.88	100	100	5.19	0.01	0	
5734	5760	104.25	100	100	6.69	0.01	0	
5735	5761	47.85	100	100	42.23	0.06	0.12	
5736	5762	38.8	100	100	11.79	0.02	0.01	
5737	5763	165.73	100	100	50.17	0.07	0.16	
5738	5764	54.18	100	100	221.86	0.33	2.5	
5739	5765	40.85	100	100	0.90	0	0	
5740	5766	134.9	100	100	159.60	0.24	1.36	
5741	5767	32.27	100	100	136.83	0.2	1.02	
5742	5768	82.22	100	100	57.09	0.08	0.2	
5743	5769	200.5	100	100	22.52	0.03	0.03	
5744	5770	41.95	100	100	27.68	0.04	0.05	
5745	5771	178.33	100	100	0.79	0	0	
5746	5772	200.54	100	100	8.45	0.01	0.01	
5747	5773	117.99	100	100	57.84	0.09	0.21	
5748	5774	37.13	100	100	4.37	0.01	0	
5749	5775	99.51	100	100	117.99	0.17	0.78	
5750	5776	108.7	100	100	108.14	0.16	0.66	
5751	5777	39.35	100	100	70.67	0.1	0.3	
5752	5778	138.89	200	100	250.68	0.09	0.11	
5753	5779	37.75	100	100	148.64	0.22	1.19	
5754	5780	39.29	100	100	118.69	0.17	0.78	
5755	5781	894.87	100	100	53.83	0.08	0.18	
5756	5782	157.93	100	100	21.68	0.03	0.03	
5757	5783	86.66	100	100	4.51	0.01	0	
5758	5784	39.47	100	100	25.58	0.04	0.05	
5759	5785	16.51	100	100	189.58	0.28	1.87	
5760	5786	65.51	100	100	55.48	0.08	0.19	
5761	5787	36.27	100	100	80.61	0.12	0.38	
5762	5788	35.68	100	100	59.38	0.09	0.22	
5763	5789	176.97	100	100	8.67	0.01	0.01	
5764	5790	38.21	100	100	40.03	0.06	0.1	
5765	5791	146.25	100	100	59.90	0.09	0.22	
5766	5792	39.68	100	100	106.89	0.16	0.65	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
5767	5793	30.36	100	100	38.10	0.06	0.1	
5768	5794	167.35	100	100	8.21	0.01	0	
5769	5795	26.61	100	100	28.70	0.04	0.05	
5770	5796	87.19	100	100	10.97	0.02	0.01	
5771	5797	28.18	100	100	60.25	0.09	0.22	
5772	5798	104.27	100	100	30.64	0.05	0.06	
5773	5799	136.82	100	100	25.36	0.04	0.04	
5774	5800	139.89	100	100	17.58	0.03	0.02	
5775	5801	36.24	100	100	47.08	0.07	0.14	
5776	5802	36.13	100	100	36.89	0.05	0.09	
5777	5803	19.82	100	100	29.99	0.04	0.06	
5778	5804	134.79	100	100	270.93	0.4	3.62	
5779	5805	203.41	100	100	102.53	0.15	0.6	
5780	5806	91.85	100	100	344.80	0.51	5.65	
5781	5807	331.72	100	100	378.67	0.56	6.72	
5782	5808	62.83	100	100	178.63	0.26	1.67	
5783	5809	134.85	100	100	107.67	0.16	0.65	
5784	5810	482.12	100	100	5.22	0.01	0	
5785	5811	38.68	100	100	12.78	0.02	0.01	
5786	5812	40.92	100	100	40.46	0.06	0.11	
5787	5813	113.73	100	100	68.24	0.1	0.28	
5788	5814	187.56	100	100	168.12	0.25	1.49	
5789	5815	208.76	100	100	39.71	0.06	0.1	
5790	5816	29.89	100	100	87.04	0.13	0.44	
5791	5817	37.57	100	100	0.26	0	0	
5792	5818	182.59	100	100	110.51	0.16	0.69	
5793	5819	79.31	100	100	19.73	0.03	0.03	
5794	5820	87.88	100	100	71.07	0.1	0.3	
5795	5821	241.68	100	100	93.55	0.14	0.5	
5796	5822	319.39	100	100	36.05	0.05	0.09	
5797	5823	19.07	100	100	372.54	0.55	6.52	
5798	5824	35.7	100	100	45.93	0.07	0.14	
5799	5825	37.93	100	100	144.99	0.21	1.14	
5800	5826	38.85	100	100	230.80	0.34	2.69	
5801	5827	9.86	100	100	198.73	0.29	2.04	
5802	5828	204.21	100	100	110.69	0.16	0.69	
5803	5829	121.14	100	100	17.43	0.03	0.02	
5804	5830	620.03	100	100	82.79	0.12	0.4	
5805	5831	148.17	100	100	52.10	0.08	0.17	
5806	5832	44.45	100	100	13.83	0.02	0.01	
5807	5833	139.72	100	100	189.86	0.28	1.87	
5808	5834	105.62	100	100	5.90	0.01	0	
5809	5835	138.97	100	100	194.73	0.29	1.96	
5810	5836	50.89	100	100	193.23	0.28	1.93	
5811	5837	90.6	100	100	155.12	0.23	1.29	
5812	5838	48.45	100	100	196.05	0.29	1.99	
5813	5839	28.84	100	100	363.64	0.54	6.24	
5814	5840	50.18	100	100	118.18	0.17	0.78	
5815	5841	34.03	100	100	24.23	0.04	0.04	
5816	5842	30.23	100	100	66.73	0.1	0.27	
5817	5843	35.03	100	100	116.64	0.17	0.76	
5818	5844	113.55	100	100	6.92	0.01	0	
5819	5845	37.48	100	100	33.35	0.05	0.07	
5820	5846	29.06	100	100	9.47	0.01	0.01	
5821	5847	40.58	100	100	11.27	0.02	0.01	
5822	5848	29.55	100	100	226.57	0.33	2.6	
5823	5849	112.87	100	100	11.82	0.02	0.01	
5824	5850	20.32	100	100	4.46	0.01	0	
5825	5851	97.7	100	100	51.98	0.08	0.17	
5826	5852	38.2	100	100	29.81	0.04	0.06	
5827	5853	36.68	100	100	64.76	0.1	0.26	
5828	5854	39.81	100	100	31.96	0.05	0.07	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
5829	5855	41.2	100	100	25.25	0.04	0.04	
5830	5856	39.3	100	100	58.72	0.09	0.21	
5831	5857	112.43	100	100	110.30	0.16	0.68	
5832	5858	39.94	100	100	129.75	0.19	0.92	
5833	5859	548.94	100	100	81.64	0.12	0.39	
5834	5860	137.39	100	100	11.83	0.02	0.01	
5835	5861	65.2	100	100	50.04	0.07	0.16	
5836	5862	1142.59	100	100	267.53	0.39	3.4	
5837	5863	46.03	100	100	81.64	0.12	0.39	
5838	5864	9.91	100	100	93.26	0.14	0.5	
5839	5865	40.35	100	100	84.72	0.12	0.42	
5840	5866	616.05	100	100	96.21	0.14	0.53	
5841	5867	244.07	100	100	7.81	0.01	0.01	
5842	5868	304.39	100	100	100.87	0.15	0.58	
5843	5869	122.57	100	100	94.26	0.14	0.51	
5844	5870	114.23	100	100	69.48	0.1	0.29	
5845	5871	22.46	100	100	39.76	0.06	0.1	
5846	5872	130.7	100	100	0.00	0	0	
5847	5873	222.78	100	100	49.67	0.07	0.16	
5848	5874	815.17	100	100	34.76	0.05	0.08	
5849	5875	544.14	100	100	2.43	0	0	
5850	5876	88.1	100	100	2.28	0	0	
5851	5877	79.18	100	100	88.94	0.13	0.46	
5852	5878	1565.71	100	100	8.11	0.01	0.01	
5853	5879	87.39	100	100	207.88	0.31	2.21	
5854	5880	126.72	100	100	219.22	0.32	2.44	
5855	5881	501.77	100	100	336.46	0.5	5.4	
5856	5882	348.9	100	100	130.31	0.19	0.93	
5857	5883	41.11	100	100	33.39	0.05	0.07	
5858	5884	224.64	100	100	61.96	0.09	0.24	
5859	5885	11.26	100	100	168.48	0.25	1.5	
5860	5886	70.37	100	100	74.08	0.11	0.33	
5861	5887	105.87	100	100	12.88	0.02	0.01	
5862	5888	238.1	100	100	5.02	0.01	0	
5863	5889	150.87	100	100	9.97	0.01	0.01	
5864	5890	245.03	100	100	150.48	0.22	1.22	
5865	5891	80.93	100	100	110.01	0.16	0.68	
5866	5892	58.84	100	100	35.80	0.05	0.08	
5867	5893	45.66	100	100	222.58	0.33	2.51	
5868	5894	110.08	100	100	44.73	0.07	0.13	
5869	5895	42.09	100	100	250.67	0.37	3.13	
5870	5896	127.8	100	100	107.62	0.16	0.65	
5871	5897	155.46	100	100	67.64	0.1	0.28	
5872	5898	141	100	100	51.34	0.08	0.17	
5873	5899	162.54	100	100	190.86	0.28	1.89	
5874	5900	68.93	100	100	220.57	0.33	2.47	
5875	5901	96.46	100	100	20.44	0.03	0.03	
5876	5902	70.3	100	100	180.89	0.27	1.71	
5877	5903	41.49	100	100	105.25	0.16	0.63	
5878	5904	44.46	100	100	189.58	0.28	1.87	
5879	5905	127.94	100	100	58.98	0.09	0.21	
5880	5906	209.31	100	100	124.18	0.18	0.85	
5881	5907	85.86	100	100	98.50	0.15	0.56	
5882	5908	100.85	100	100	93.00	0.14	0.5	
5883	5909	74.14	100	100	79.23	0.12	0.37	
5884	5910	63.72	100	100	66.89	0.1	0.27	
5885	5911	51.85	100	100	47.54	0.07	0.14	
5886	5912	210.46	100	100	208.01	0.31	2.22	
5887	5913	541.85	100	100	52.56	0.08	0.17	
5888	5914	219.83	100	100	10.54	0.02	0.01	
5889	5915	107.1	100	100	34.17	0.05	0.08	
5890	5916	104.5	100	100	75.17	0.11	0.34	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
5891	5917	100.07	100	100	38.36	0.06	0.1	
5892	5918	478.81	100	100	126.02	0.19	0.88	
5893	5919	90.27	100	100	142.33	0.21	1.1	
5894	5920	199.6	100	100	116.24	0.17	0.75	
5895	5921	137.98	100	100	80.48	0.12	0.38	
5896	5922	231.84	100	100	157.66	0.23	1.33	
5897	5923	53.2	100	100	80.46	0.12	0.38	
5898	5924	138.3	100	100	18.73	0.03	0.03	
5899	5925	36.99	100	100	16.66	0.02	0.02	
5900	5926	46.86	100	100	27.21	0.04	0.05	
5901	5927	25.75	100	100	77.13	0.11	0.35	
5902	5928	56.29	100	100	73.64	0.11	0.32	
5903	5929	18.27	100	100	30.28	0.04	0.06	
5904	5930	41.17	100	100	67.10	0.1	0.27	
5905	5931	89.22	100	100	53.68	0.08	0.18	
5906	5932	54.94	100	100	62.57	0.09	0.24	
5907	5933	42.15	100	100	18.92	0.03	0.03	
5908	5934	93.87	100	100	15.13	0.02	0.02	
5909	5935	154.41	100	100	6.61	0.01	0	
5910	5936	32.53	100	100	12.73	0.02	0.01	
5911	5937	166.87	100	100	189.02	0.28	1.86	
5912	5938	68.09	100	100	107.01	0.16	0.65	
5913	5939	21.41	100	100	165.29	0.24	1.45	
5914	5940	47.99	100	100	63.65	0.09	0.25	
5915	5941	60.94	100	100	167.85	0.25	1.49	
5916	5942	137.7	100	100	36.89	0.05	0.09	
5917	5943	98.94	100	100	99.31	0.15	0.56	
5918	5944	67.46	100	100	4.40	0.01	0	
5919	5945	45.01	100	100	519.58	0.77	12.08	
5920	5946	60.14	100	100	27.15	0.04	0.05	
5921	5947	17.89	100	100	679.38	1	19.85	
5922	5948	85.52	100	100	1.83	0	0	
5923	5949	57.48	100	100	67.35	0.1	0.27	
5924	5950	26.59	100	100	57.49	0.08	0.2	
5925	5951	74.95	100	100	94.88	0.14	0.52	
5926	5952	155.92	100	100	97.55	0.14	0.55	
5927	5953	135.94	100	100	64.86	0.1	0.26	
5928	5954	269.18	100	100	80.71	0.12	0.38	
5929	5955	69.49	100	100	124.98	0.18	0.86	
5930	5956	81.95	100	100	90.69	0.13	0.48	
5931	5957	37.86	100	100	184.73	0.27	1.78	
5932	5958	38.63	100	100	226.76	0.33	2.6	
5933	5959	136.23	100	100	60.38	0.09	0.22	
5934	5960	46.31	100	100	305.76	0.45	4.52	
5935	5961	129.62	100	100	95.11	0.14	0.52	
5936	5962	38.87	100	100	57.20	0.08	0.2	
5937	5963	122.35	100	100	45.70	0.07	0.13	
5938	5964	38.79	100	100	0.04	0	0	
5939	5965	39.73	100	100	167.44	0.25	1.48	
5940	5966	51.22	100	100	200.69	0.3	2.07	
5941	5967	143.79	100	100	65.88	0.1	0.26	
5942	5968	39.55	100	100	232.59	0.34	2.73	
5943	5969	43.12	100	100	254.03	0.37	3.21	
5944	5970	120.35	100	100	76.70	0.11	0.35	
5945	5971	117.14	100	100	182.49	0.27	1.74	
5946	5972	121.07	100	100	57.51	0.08	0.2	
5947	5973	209.25	100	100	133.06	0.2	0.97	
5948	5974	113.53	100	100	40.78	0.06	0.11	
5949	5975	40.52	100	100	103.27	0.15	0.61	
5950	5976	112.83	100	100	5.47	0.01	0	
5951	5977	37.86	100	100	62.82	0.09	0.24	
5952	5978	112.41	100	100	7.42	0.01	0	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
5953	5979	37.48	100	100	34.97	0.05	0.08	
5954	5980	111.72	100	100	4.11	0.01	0	
5955	5981	29.9	100	100	206.84	0.3	2.19	
5956	5982	146.83	100	100	253.42	0.37	3.2	
5957	5983	49.39	100	100	11.10	0.02	0.01	
5958	5984	53.29	100	100	27.23	0.04	0.05	
5959	5985	48.58	100	100	170.15	0.25	1.53	
5960	5986	51.24	100	100	206.46	0.3	2.19	
5961	5987	40.48	100	100	88.62	0.13	0.46	
5962	5988	22.07	100	100	34.09	0.05	0.08	
5963	5989	191.06	100	100	46.47	0.07	0.14	
5964	5990	50.39	100	100	368.60	0.54	6.4	
5965	5991	43.41	100	100	65.11	0.1	0.26	
5966	5992	39.75	100	100	411.38	0.61	7.84	
5967	5993	38.29	100	100	328.47	0.48	5.17	
5968	5994	594.75	100	100	12.77	0.02	0.01	
5969	5995	18.82	100	100	0.00	0	0	
5970	5996	96.8	100	100	26.07	0.04	0.05	
5971	5997	78.05	100	100	0.53	0	0	
5972	5998	105.16	100	100	9.21	0.01	0.01	
5973	5999	33.45	100	100	3.20	0	0	
5974	6000	248.91	100	100	6.56	0.01	0	
5975	6001	40.36	100	100	78.71	0.12	0.37	
5976	6002	107.95	100	100	23.43	0.03	0.04	
5977	6003	151.39	100	100	30.32	0.04	0.06	
5978	6004	12.11	100	100	49.73	0.07	0.16	
5979	6005	39.98	100	100	15.83	0.02	0.02	
5980	6006	43.16	100	100	45.24	0.07	0.13	
5981	6007	30.8	100	100	40.05	0.06	0.1	
5982	6008	117.45	100	100	24.71	0.04	0.04	
5983	6009	268.6	100	100	11.48	0.02	0.01	
5984	6010	276.97	100	100	12.85	0.02	0.01	
5985	6011	286.83	100	100	15.11	0.02	0.02	
5986	6012	63.42	100	100	49.76	0.07	0.16	
5987	6013	71.39	100	100	2.48	0	0	
5988	6014	91.06	100	100	87.78	0.13	0.45	
5989	6015	89.82	100	100	100.89	0.15	0.58	
5990	6016	238.23	100	100	8.45	0.01	0.01	
5991	6017	44.16	100	100	3.99	0.01	0	
5992	6018	38.39	100	100	24.54	0.04	0.04	
5993	6019	60.97	100	100	72.93	0.11	0.32	
5994	6020	119.87	100	100	44.68	0.07	0.13	
5995	6021	51.75	100	100	54.61	0.08	0.18	
5996	6022	74.79	100	100	32.39	0.05	0.07	
5997	6023	421.76	100	100	59.16	0.09	0.22	
5998	6024	33.15	100	100	134.18	0.2	0.98	
5999	6025	103.66	100	100	105.14	0.15	0.63	
6000	6026	65.26	100	100	144.31	0.21	1.13	
6001	6027	29.64	100	100	73.36	0.11	0.32	
6002	6028	119.5	100	100	57.82	0.09	0.21	
6003	6029	25.87	100	100	13.20	0.02	0.01	
6004	6030	59.09	100	100	18.58	0.03	0.03	
6005	6031	113.86	100	100	102.85	0.15	0.6	
6006	6032	50.19	100	100	97.91	0.14	0.55	
6007	6033	76.65	100	100	10.69	0.02	0.01	
6008	6034	73.2	100	100	136.68	0.2	1.02	
6009	6035	80.72	100	100	199.97	0.29	2.06	
6010	6036	78.52	100	100	120.53	0.18	0.81	
6011	6037	10.17	100	100	302.83	0.45	4.44	
6012	6038	143.92	100	100	72.37	0.11	0.31	
6013	6039	165.01	100	100	102.75	0.15	0.6	
6014	6040	67.15	100	100	182.20	0.27	1.73	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
6015	6041	50.55	100	100	21.93	0.03	0.03	
6016	6042	59.29	100	100	70.19	0.1	0.3	
6017	6043	17.06	100	100	407.18	0.6	7.69	
6018	6044	42.79	100	100	60.30	0.09	0.22	
6019	6045	173.8	100	100	544.08	0.8	13.15	
6020	6046	45.74	100	100	40.24	0.06	0.11	
6021	6047	306.62	100	100	30.30	0.04	0.06	
6022	6048	182.33	100	100	75.93	0.11	0.34	
6023	6049	383.78	100	100	78.05	0.12	0.36	
6024	6050	120.75	100	100	27.86	0.04	0.05	
6025	6051	218.35	100	100	35.30	0.05	0.08	
6026	6052	1757.89	100	100	95.43	0.14	0.52	
6027	6053	671.25	100	100	6.34	0.01	0	
6028	6054	2567.34	100	100	13.62	0.02	0.01	
6029	16700	1497.84	100	100	35.02	0.05	0.08	
6030	6055	373.35	100	100	2.02	0	0	
6031	6056	1139.23	100	100	27.83	0.04	0.05	
6032	6057	415.54	100	100	5.27	0.01	0	
6033	6058	347.17	100	100	335.14	0.49	5.36	
6034	6059	3503.96	100	100	72.53	0.11	0.32	
6035	6060	265.55	100	100	54.47	0.08	0.19	
6036	6061	371.27	100	100	24.39	0.04	0.04	
6037	6062	124.7	100	100	50.69	0.07	0.16	
6038	6063	118.79	100	100	139.49	0.21	1.06	
6039	6064	44.93	100	100	156.38	0.23	1.31	
6040	6065	112.95	100	100	36.85	0.05	0.09	
6041	6066	71.84	100	100	545.38	0.8	13.21	
6042	6067	23.49	100	100	131.94	0.19	0.95	
6043	6068	156.92	100	100	56.43	0.08	0.2	
6044	6069	49.06	100	100	30.84	0.05	0.06	
6045	6070	195.45	100	100	4.76	0.01	0	
6046	16685	132.34	100	100	5.77	0.01	0	
6047	6071	163.2	100	100	39.09	0.06	0.1	
6048	6072	61.83	100	100	57.93	0.09	0.21	
6049	6073	26.38	100	100	22.69	0.03	0.04	
6050	6074	81.16	100	100	0.24	0	0	
6051	6075	167.19	100	100	14.03	0.02	0.02	
6052	6076	226.39	100	100	24.02	0.04	0.04	
6053	6077	94.16	100	100	95.50	0.14	0.52	
6054	6078	123.37	100	100	93.95	0.14	0.51	
6055	6079	32.06	100	100	226.90	0.33	2.6	
6056	6080	58.46	100	100	336.17	0.5	5.39	
6057	6081	181.9	100	100	6.91	0.01	0	
6058	6082	148.34	100	100	78.01	0.11	0.36	
6059	6083	52.83	100	100	22.94	0.03	0.04	
6060	6084	93.75	100	100	30.62	0.05	0.06	
6061	6085	49.01	100	100	45.90	0.07	0.13	
6062	6086	61.71	100	100	9.80	0.01	0.01	
6063	6087	114.43	100	100	45.03	0.07	0.13	
6064	6088	42.78	100	100	119.38	0.18	0.79	
6065	6089	94.99	100	100	79.28	0.12	0.37	
6066	6090	116.13	100	100	121.21	0.18	0.82	
6067	6091	34.1	100	100	96.12	0.14	0.53	
6068	6092	185.68	100	100	83.90	0.12	0.41	
6069	6093	103.25	100	100	81.13	0.12	0.39	
6070	6094	101.12	100	100	13.43	0.02	0.01	
6071	6095	88.2	100	100	17.93	0.03	0.02	
6072	6096	81.44	100	100	45.27	0.07	0.13	
6073	6097	129.11	100	100	8.46	0.01	0.01	
6074	6098	124.96	100	100	59.99	0.09	0.22	
6075	6099	19.37	100	100	247.98	0.37	3.07	
6076	6100	227.05	100	100	6.74	0.01	0	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
6077	6101	80.96	100	100	34.86	0.05	0.08	
6078	6102	139.2	100	100	7.00	0.01	0	
6079	6103	101.31	100	100	19.85	0.03	0.03	
6080	6104	77.25	100	100	58.49	0.09	0.21	
6081	6105	64.41	100	100	15.72	0.02	0.02	
6082	6106	225.98	100	100	27.52	0.04	0.05	
6083	6107	191.06	100	100	24.39	0.04	0.04	
6084	6108	65.08	100	100	605.34	0.89	16.03	
6085	6109	58.23	100	100	26.72	0.04	0.05	
6086	6110	215.68	100	100	260.63	0.38	3.37	
6087	6111	131.12	100	100	57.62	0.08	0.21	
6088	6112	502.55	100	100	25.35	0.04	0.04	
6089	6113	673.57	100	100	50.69	0.07	0.16	
6090	6114	163.55	200	100	544.95	0.2	0.45	
6091	6115	114.43	100	100	185.58	0.27	1.79	
6092	6116	14.96	300	100	2,463.23	0.4	1.02	
6093	6117	78.67	150	100	421.40	0.28	1.14	
6094	6118	1.54	200	100	68.05	0.03	0.01	
6095	6119	178.52	80	100	89.62	0.21	1.38	
6096	6120	34.39	200	100	919.13	0.34	1.19	
6097	6121	438.55	300	100	0.00	0	0	
6098	6122	106.56	100	100	36.50	0.05	0.09	
6099	6123	65.75	80	100	33.43	0.08	0.22	
6100	6124	34.24	150	100	229.25	0.15	0.37	
6101	6125	142.07	100	100	36.60	0.05	0.09	
6102	6126	47.06	200	100	808.83	0.3	0.94	
6103	6127	39.34	80	100	10.36	0.02	0.03	
6104	6128	74.72	150	100	250.16	0.16	0.43	
6105	6129	1016.39	600	100	6,915.95	0.28	0.24	
6106	6130	375.68	600	100	15,258.94	0.62	1.02	
6107	6131	2.55	600	100	1,979.99	0.08	0.02	
6108	6132	26.84	200	100	63.00	0.02	0.01	
6109	6133	98.84	900	100	21,589.59	0.39	0.27	
6110	6134	114.01	500	100	6,046.91	0.36	0.45	
6111	6135	227.64	150	100	8.84	0.01	0	
6112	6136	210.04	150	100	20.72	0.01	0	
6113	6137	143.91	150	100	111.92	0.07	0.1	
6114	6138	12.34	150	100	116.15	0.08	0.1	
6115	6139	13.63	150	100	135.71	0.09	0.14	
6116	6140	263.47	100	100	2.72	0	0	
6117	6141	53.84	100	100	58.78	0.09	0.21	
6118	6142	175.29	100	100	128.23	0.19	0.9	
6119	6143	11.82	300	100	1,361.08	0.22	0.34	
6120	6144	58.21	500	100	5,441.50	0.32	0.37	
6121	6145	82.96	80	100	12.63	0.03	0.04	
6122	6146	15.51	100	100	16.39	0.02	0.02	
6123	6147	68.93	80	100	5.86	0.01	0.01	
6124	6148	24.7	100	100	1.09	0	0	
6125	6149	95.68	100	100	50.97	0.08	0.16	
6126	6150	150.92	100	100	41.75	0.06	0.11	
6127	6151	103.02	100	100	51.88	0.08	0.17	
6128	6152	83.92	100	100	15.90	0.02	0.02	
6129	6153	49.92	100	100	31.68	0.05	0.07	
6130	6154	92.95	150	100	229.40	0.15	0.37	
6131	6155	497.71	600	100	10,477.51	0.43	0.51	
6132	6156	22.27	300	100	2,419.53	0.4	0.99	
6133	6157	323.69	600	100	10,945.91	0.45	0.55	
6134	6158	48.56	200	100	477.64	0.18	0.35	
6135	6159	0.86	200	100	916.94	0.34	1.18	
6136	6160	27.63	500	100	5,699.77	0.34	0.4	
6137	6161	58.26	200	100	284.04	0.1	0.13	
6138	6162	152.44	150	100	153.09	0.1	0.17	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
6139	6163	136.8	500	100	5,724.47	0.34	0.4	
6140	6164	164.59	300	100	2,083.67	0.34	0.75	
6141	6165	53.21	150	100	369.17	0.24	0.89	
6142	6166	58.19	300	100	1,741.64	0.29	0.54	
6143	6167	87.32	150	100	157.78	0.1	0.18	
6144	6168	58.18	150	100	130.74	0.09	0.13	
6145	6169	236.01	500	100	7,182.01	0.42	0.62	
6146	6170	126.95	150	100	15.14	0.01	0	
6147	6171	185.83	80	100	39.64	0.09	0.31	
6148	6172	161.29	100	100	150.37	0.22	1.22	
6149	6173	26.46	100	100	315.10	0.46	4.78	
6150	6174	46.38	150	100	752.20	0.49	3.33	
6151	6175	232.22	150	100	171.07	0.11	0.21	
6152	6176	23.63	300	100	377.09	0.06	0.03	
6153	6177	142.36	300	100	1,283.05	0.21	0.31	
6154	6178	17.32	100	100	80.49	0.12	0.38	
6155	6179	134.43	300	100	476.30	0.08	0.05	
6156	6180	21.33	400	100	4,165.08	0.38	0.67	
6157	6181	49.54	150	100	850.04	0.56	4.17	
6158	6182	68.81	150	100	579.23	0.38	2.05	
6159	6183	54.73	100	100	142.01	0.21	1.09	
6160	6184	129.26	100	100	36.12	0.05	0.09	
6161	6185	45.48	100	100	59.69	0.09	0.22	
6162	6186	88.42	150	100	110.37	0.07	0.1	
6163	6187	45.64	100	100	71.51	0.11	0.31	
6164	6188	36.15	100	100	72.22	0.11	0.31	
6165	6189	36.76	200	100	215.71	0.08	0.08	
6166	6190	117.32	300	100	300.13	0.05	0.02	
6167	6191	239.7	100	100	18.22	0.03	0.01	
6168	6192	237.16	100	100	26.19	0.04	0.05	
6169	6193	2.06	100	100	38.84	0.06	0.1	
6170	6194	52.1	100	100	51.54	0.08	0.17	
6171	6195	43.05	100	100	63.90	0.09	0.25	
6172	6196	56.17	100	100	100.16	0.15	0.57	
6173	6197	147.98	100	100	228.47	0.34	2.64	
6174	6198	13.92	300	100	1,572.05	0.26	0.45	
6175	6199	9.74	100	100	145.78	0.21	1.15	
6176	6200	63.31	100	100	53.91	0.08	0.18	
6177	6201	12.97	100	100	243.13	0.36	2.96	
6178	6202	35.54	100	100	232.30	0.34	2.72	
6179	6203	44.86	100	100	96.54	0.14	0.53	
6180	6204	4.5	100	100	80.41	0.12	0.38	
6181	6205	48.1	150	100	387.28	0.25	0.97	
6182	6206	20.96	300	100	506.23	0.08	0.05	
6183	6207	594.61	600	100	12,230.85	0.5	0.68	
6184	6208	39.14	100	100	141.90	0.21	1.09	
6185	6209	117.4	100	100	131.10	0.19	0.94	
6186	6210	7.55	250	100	3,260.68	0.77	4.18	
6187	6211	205.49	600	100	21,198.64	0.87	1.88	
6188	6212	11.48	200	100	161.75	0.06	0.05	
6189	6213	5.99	200	100	9.84	0	0	
6190	6214	120.33	100	100	137.60	0.2	1.03	
6191	6215	204.85	200	100	495.29	0.18	0.38	
6192	6216	90.76	200	100	631.29	0.23	0.59	
6193	6217	51.53	100	100	76.28	0.11	0.35	
6194	6218	150.82	250	100	1,648.03	0.39	1.18	
6195	6219	76.05	200	100	960.01	0.35	1.29	
6196	6220	274.24	100	100	172.22	0.25	1.56	
6197	6221	44.22	100	100	124.23	0.18	0.85	
6198	6222	195.85	150	100	219.97	0.14	0.34	
6199	6223	59.33	150	100	25.75	0.02	0.01	
6200	6224	4.91	150	100	705.28	0.46	2.95	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
6201	6225	60.02	250	100	1,482.29	0.35	0.97	
6202	6226	96.02	250	100	966.77	0.23	0.44	
6203	6227	5.98	200	100	308.43	0.11	0.16	
6204	6228	1.53	200	100	199.52	0.07	0.07	
6205	6229	129.61	250	100	857.86	0.2	0.35	
6206	6230	44.49	150	100	157.91	0.1	0.18	
6207	6231	98.45	100	100	16.58	0.02	0.02	
6208	6232	58.99	200	100	219.23	0.08	0.08	
6209	6233	36.45	100	100	7.21	0.01	0	
6210	6234	99.82	150	100	104.39	0.07	0.09	
6211	6235	49.92	100	100	63.06	0.09	0.24	
6212	6236	94.67	100	100	25.39	0.04	0.05	
6213	6237	145.76	100	100	43.86	0.06	0.12	
6214	6238	8.13	100	100	197.49	0.29	2.01	
6215	6239	12.2	150	100	519.62	0.34	1.68	
6216	6240	116.39	150	100	1,200.47	0.79	7.9	
6217	6241	97.76	100	100	130.09	0.19	0.93	
6218	6242	34.53	300	100	5,294.26	0.87	4.22	
6219	6243	186.97	600	100	12,026.59	0.49	0.66	
6220	6244	53.53	150	100	621.71	0.41	2.34	
6221	6245	6.44	100	100	249.77	0.37	3.11	
6222	6246	111.51	200	100	586.28	0.22	0.52	
6223	6247	50.61	100	100	191.51	0.28	1.9	
6224	6248	104.25	100	100	38.97	0.06	0.1	
6225	6249	98.11	150	100	147.84	0.1	0.16	
6226	6250	112.54	150	100	84.08	0.06	0.06	
6227	6251	43.53	100	100	516.61	0.76	11.95	
6228	6252	292.82	200	100	2,118.27	0.78	5.57	
6229	6253	81.52	100	100	7.06	0.01	0	
6230	6254	154.27	150	100	214.76	0.14	0.33	
6231	6255	99.36	100	100	21.57	0.03	0.03	
6232	6256	220.09	100	100	67.04	0.1	0.27	
6233	6257	5.47	100	100	0.98	0	0	
6234	6258	38.16	150	100	141.27	0.09	0.15	
6235	6259	98.42	150	100	33.51	0.02	0.01	
6236	6260	49.69	150	100	191.35	0.13	0.26	
6237	6261	81.67	200	100	146.25	0.05	0.04	
6238	6262	87.75	200	100	215.73	0.08	0.08	
6239	6263	414.25	200	100	32.93	0.01	0	
6240	6264	9.14	200	100	797.85	0.29	0.91	
6241	6265	21.92	200	100	748.49	0.28	0.81	
6242	6266	129.46	100	100	33.39	0.05	0.07	
6243	6267	177.08	100	100	38.15	0.06	0.06	
6244	6268	41.05	200	100	371.81	0.14	0.22	
6245	6269	164.39	200	100	38.26	0.01	0	
6246	6270	217.07	200	100	628.38	0.23	0.59	
6247	6271	48.77	100	100	68.60	0.1	0.28	
6248	6272	42.12	150	100	4.08	0	0	
6249	6273	142.67	100	100	71.41	0.11	0.31	
6250	6274	127.16	100	100	21.28	0.03	0.03	
6251	6275	58.63	100	100	39.55	0.06	0.1	
6252	6276	9.83	300	100	692.75	0.11	0.1	
6253	6277	84.17	200	100	128.56	0.05	0.03	
6254	6278	56.43	80	100	40.29	0.09	0.31	
6255	6279	20.62	200	100	338.65	0.12	0.19	
6256	6280	107.26	300	100	1,725.46	0.28	0.53	
6257	6281	112.08	100	100	164.57	0.24	1.44	
6258	6282	111.07	100	100	65.87	0.1	0.26	
6259	6283	137.68	300	100	1,031.98	0.17	0.2	
6260	6284	76.15	200	100	377.59	0.14	0.23	
6261	6285	1.26	80	100	346.45	0.8	16.91	
6262	6286	52.35	150	100	156.34	0.1	0.18	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
6263	6287	85.38	100	100	56.27	0.08	0.2	
6264	6288	44.5	100	100	26.23	0.04	0.05	
6265	6289	54.76	80	100	7.65	0.02	0.01	
6266	6290	22.56	300	100	1,554.19	0.25	0.44	
6267	6291	327.13	150	100	132.69	0.09	0.13	
6268	6292	27.07	300	100	1,704.30	0.28	0.52	
6269	6293	7.12	300	100	1,909.66	0.31	0.64	
6270	6294	5.94	300	100	1,993.67	0.33	0.69	
6271	6295	51.1	100	100	43.25	0.06	0.12	
6272	6296	41.57	100	100	32.92	0.05	0.07	
6273	6297	56.41	100	100	47.65	0.07	0.14	
6274	6298	61.53	200	100	328.50	0.12	0.18	
6275	6299	58.82	100	100	34.73	0.05	0.08	
6276	6300	61.7965	100	100	89.49	0.13	0.46	
6277	6301	77.18	100	100	29.95	0.04	0.06	
6278	6302	7.82	150	100	252.42	0.17	0.44	
6279	6303	87.03	100	100	123.12	0.18	0.84	
6280	6304	95.42	100	100	4.52	0.01	0	
6281	6305	74.59	100	100	10.83	0.02	0.01	
6282	6306	5.07	100	100	256.00	0.38	3.25	
6283	6307	45.9	200	100	59.89	0.02	0.01	
6284	6308	162.62	100	100	101.62	0.15	0.59	
6285	6309	200.35	200	100	31.54	0.01	0	
6286	6310	97.99	100	100	5.26	0.01	0	
6287	6311	36.09	100	100	110.93	0.16	0.69	
6288	6312	94.68	200	100	74.18	0.03	0.01	
6289	6313	9.02	100	100	63.24	0.09	0.24	
6290	6314	37.59	100	100	28.43	0.04	0.06	
6291	6315	91.28	100	100	12.96	0.02	0.01	
6292	6316	27.3	100	100	5.91	0.01	0	
6293	6317	47.36	300	100	1,470.80	0.24	0.39	
6294	6318	7.05	100	100	41.82	0.06	0.11	
6295	6319	76.94	100	100	27.92	0.04	0.05	
6296	6320	21	150	100	295.15	0.19	0.59	
6297	6321	110.37	100	100	8.69	0.01	0	
6298	6322	23.93	250	100	1,435.18	0.34	0.91	
6299	6323	107.75	200	100	37.67	0.01	0	
6300	6324	6.59	400	100	1,473.53	0.14	0.1	
6301	6325	150.29	100	100	137.35	0.2	1.03	
6302	6326	77.51	250	100	93.14	0.02	0.01	
6303	6327	1.41	200	100	102.95	0.04	0.02	
6304	6328	126.31	400	100	0.00	0	0	
6305	6329	4.01	300	100	2,403.34	0.39	0.98	
6306	6330	170.28	150	100	308.29	0.2	0.64	
6307	6331	46.22	100	100	87.22	0.13	0.44	
6308	6332	58.84	100	100	67.03	0.1	0.27	
6309	6333	50.34	100	100	21.54	0.03	0.03	
6310	6334	74.6	100	100	23.32	0.03	0.04	
6311	6335	53.4	100	100	13.46	0.02	0.01	
6312	6336	107.97	300	100	1,382.02	0.23	0.35	
6313	6337	82.05	300	100	1,249.21	0.2	0.29	
6314	6338	35.89	100	100	123.22	0.18	0.84	
6315	6339	43.62	100	100	10.80	0.02	0.01	
6316	6340	118.06	100	100	28.16	0.04	0.05	
6317	6341	52.52	300	100	1,155.41	0.19	0.25	
6318	6342	49.7	300	100	1,052.33	0.17	0.21	
6319	6343	70.33	100	100	43.08	0.06	0.12	
6320	6344	48.7	300	100	2,258.49	0.37	0.87	
6321	6345	93.55	100	100	25.33	0.04	0.04	
6322	6346	111.83	100	100	20.94	0.03	0.03	
6323	6347	95.65	200	100	65.88	0.02	0.01	
6324	6348	120.46	100	100	34.66	0.05	0.08	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
6325	6349	50.53	100	100	5.78	0.01	0	
6326	6350	100	300	100	35.92	0.01	0	
6327	6351	111.32	150	100	49.69	0.03	0.02	
6328	6352	10.84	150	100	1,029.02	0.67	5.94	
6329	6353	13.92	150	100	766.75	0.5	3.45	
6330	6354	68.42	100	100	150.73	0.22	1.22	
6331	6355	91.55	100	100	23.59	0.03	0.04	
6332	6356	183.49	150	100	295.56	0.19	0.59	
6333	6357	47.47	100	100	60.70	0.09	0.23	
6334	6358	46.79	100	100	91.01	0.13	0.48	
6335	6359	6.19	150	100	400.43	0.26	1.04	
6336	6360	46.48	100	100	78.59	0.12	0.37	
6337	6361	110.74	100	100	71.56	0.11	0.31	
6338	6362	51.73	100	100	12.02	0.02	0.01	
6339	6363	49.7	150	100	154.93	0.1	0.18	
6340	6364	131.73	100	100	60.09	0.09	0.22	
6341	6365	31.61	150	100	288.33	0.19	0.56	
6342	6366	1.21	150	100	308.88	0.2	0.64	
6343	6367	80.65	150	100	214.86	0.14	0.33	
6344	6368	69.28	150	100	164.10	0.11	0.2	
6345	6369	10.06	150	100	134.97	0.09	0.14	
6346	6370	232.32	100	100	100.17	0.15	0.57	
6347	6371	47.34	150	100	141.99	0.09	0.15	
6348	6372	119.34	100	100	55.51	0.08	0.19	
6349	6373	133.89	150	100	166.21	0.11	0.2	
6350	6374	46.59	150	100	149.75	0.1	0.17	
6351	6375	140.38	200	100	51.62	0.02	0.01	
6352	6376	110.67	150	100	566.81	0.37	1.97	
6353	6377	48.12	200	100	412.75	0.15	0.27	
6354	6378	15.05	150	100	532.66	0.35	1.75	
6355	6379	10.04	300	100	574.78	0.09	0.07	
6356	6380	9.66	150	100	446.75	0.29	1.27	
6357	6381	98.58	150	100	308.47	0.2	0.64	
6358	6382	101.56	150	100	76.13	0.05	0.05	
6359	6383	6.52	400	100	3,618.65	0.33	0.51	
6360	6384	44.41	150	100	14.41	0.01	0	
6361	6385	50.95	150	100	225.77	0.15	0.36	
6362	6386	45.46	150	100	42.08	0.03	0.02	
6363	6387	43.96	100	100	179.32	0.26	1.68	
6364	6388	49.18	150	100	137.42	0.09	0.14	
6365	6389	61.79	100	100	90.08	0.13	0.47	
6366	6390	52.38	150	100	20.15	0.01	0	
6367	6391	12.96	150	100	333.52	0.22	0.74	
6368	6392	51	150	100	247.94	0.16	0.43	
6369	6393	74.33	100	100	9.32	0.01	0.01	
6370	6394	42.09	150	100	72.05	0.05	0.04	
6371	6395	265.79	500	100	5,837.33	0.34	0.42	
6372	6396	10.88	150	100	616.84	0.4	2.3	
6373	6397	35.68	100	100	85.14	0.13	0.42	
6374	6398	43.79	100	100	60.58	0.09	0.23	
6375	6399	49.94	100	100	9.22	0.01	0.01	
6376	6400	254.76	150	100	99.39	0.07	0.08	
6377	6401	63.52	100	100	33.92	0.05	0.08	
6378	6402	164.16	100	100	16.78	0.02	0.02	
6379	6403	36.12	150	100	126.02	0.08	0.12	
6380	6404	12.22	100	100	31.53	0.05	0.07	
6381	6405	13.92	150	100	85.23	0.06	0.06	
6382	6406	73.91	100	100	29.30	0.04	0.06	
6383	6407	82.66	100	100	61.15	0.09	0.23	
6384	6408	59.34	100	100	47.35	0.07	0.14	
6385	6409	95.61	500	100	5,009.88	0.3	0.32	
6386	6410	48.83	400	100	2,834.17	0.26	0.33	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
6387	6411	103.09	100	100	50.82	0.07	0.16	
6388	6412	37.49	150	100	171.19	0.11	0.21	
6389	6413	44.71	150	100	55.35	0.04	0.03	
6390	6414	39.93	150	100	273.79	0.18	0.51	
6391	6415	64.72	150	100	125.76	0.08	0.12	
6392	6416	153.03	400	100	2,929.24	0.27	0.35	
6393	6417	97.37	300	100	419.29	0.07	0.04	
6394	6418	26.07	100	100	26.31	0.04	0.05	
6395	6419	46.28	150	100	172.96	0.11	0.22	
6396	6420	76.28	400	100	2,660.09	0.25	0.29	
6397	6421	46.63	200	100	295.36	0.11	0.15	
6398	6422	55	100	100	54.96	0.08	0.19	
6399	6423	71.78	100	100	34.24	0.05	0.08	
6400	6424	48.12	200	100	136.53	0.05	0.03	
6401	6425	88.23	100	100	32.81	0.05	0.07	
6402	6426	42.61	150	100	70.97	0.05	0.04	
6403	6427	99.92	100	100	50.95	0.08	0.16	
6404	6428	107.9	80	100	19.40	0.04	0.08	
6405	6429	13.87	200	100	282.53	0.1	0.13	
6406	6430	43.53	80	100	25.98	0.06	0.14	
6407	6431	119.58	100	100	67.39	0.1	0.27	
6408	6432	101.81	100	100	94.73	0.14	0.52	
6409	6433	12.63	150	100	262.39	0.17	0.47	
6410	6434	105.24	100	100	55.73	0.08	0.19	
6411	6435	92.39	80	100	25.59	0.06	0.14	
6412	6436	148.03	100	100	18.60	0.03	0.03	
6413	6437	82.97	100	100	54.22	0.08	0.18	
6414	6438	106.69	80	100	7.36	0.02	0.01	
6415	6439	124.48	100	100	68.02	0.1	0.28	
6416	6440	71.61	100	100	15.42	0.02	0.02	
6417	6441	104.25	150	100	177.72	0.12	0.23	
6418	6442	20.87	150	100	976.28	0.64	5.39	
6419	6443	16.06	150	100	435.77	0.29	1.21	
6420	6444	9.72	200	100	540.51	0.2	0.44	
6421	6445	21.3	100	100	222.08	0.33	2.5	
6422	6446	57.43	150	100	708.00	0.46	2.97	
6423	6447	33.37	150	100	391.13	0.26	0.99	
6424	6448	158.73	100	100	93.82	0.14	0.51	
6425	6449	14.68	100	100	479.86	0.71	10.42	
6426	6450	68.91	150	100	18.13	0.01	0	
6427	6451	28.61	150	100	105.42	0.07	0.09	
6428	6452	97.57	150	100	93.82	0.06	0.07	
6429	6453	19.4	100	100	214.53	0.32	2.35	
6430	6454	90.89	200	100	1.69	0	0	
6431	6455	48.48	100	100	25.83	0.04	0.05	
6432	6456	66.72	150	100	211.62	0.14	0.32	
6433	6457	31.44	100	100	90.56	0.13	0.48	
6434	6458	112.6	100	100	18.47	0.03	0.03	
6435	6459	62.36	200	100	120.44	0.04	0.03	
6436	6460	7.34	500	100	4,936.98	0.29	0.31	
6437	6461	153.91	900	100	20,433.19	0.37	0.24	
6438	6462	169.09	200	100	444.47	0.16	0.31	
6439	6463	129.41	100	100	77.91	0.11	0.36	
6440	6464	82.53	100	100	48.46	0.07	0.15	
6441	6465	40	100	100	54.91	0.08	0.19	
6442	6466	58.68	100	100	9.95	0.01	0.01	
6443	6467	13.86	100	100	29.96	0.04	0.06	
6444	6468	112.16	100	100	9.82	0.01	0.01	
6445	6469	18.01	150	100	21.95	0.01	0	
6446	6470	60.37	100	100	14.59	0.02	0.02	
6447	6471	137.59	100	100	50.10	0.07	0.16	
6448	6472	46.11	100	100	52.26	0.08	0.17	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
6449	6473	44.84	100	100	37.45	0.06	0.09	
6450	6474	37.54	100	100	93.63	0.14	0.51	
6451	6475	13.23	100	100	100.88	0.15	0.58	
6452	6476	59.18	100	100	10.11	0.01	0.01	
6453	6477	86.73	500	100	4,936.87	0.29	0.31	
6454	6478	41.3	100	100	34.05	0.05	0.08	
6455	6479	31.46	100	100	93.13	0.14	0.5	
6456	6480	76.21	150	100	107.88	0.07	0.09	
6457	6481	335.8	600	100	8,004.00	0.33	0.31	
6458	6482	189.81	150	100	65.02	0.04	0.04	
6459	6483	11.25	400	100	1,235.03	0.11	0.07	
6460	6484	9.14	100	100	144.50	0.21	1.13	
6461	6485	119.28	100	100	82.87	0.12	0.4	
6462	6486	145.59	100	100	109.81	0.16	0.68	
6463	6487	25.41	150	100	683.71	0.45	2.79	
6464	6488	78.32	100	100	52.87	0.08	0.18	
6465	6489	97.17	150	100	154.18	0.1	0.18	
6466	6490	364.33	100	100	22.35	0.03	0.04	
6467	6491	26.23	150	100	207.26	0.14	0.31	
6468	6492	12.08	100	100	124.20	0.18	0.85	
6469	6493	351.86	300	100	723.91	0.12	0.11	
6470	6494	12.47	200	100	114.12	0.04	0.02	
6471	6495	77.89	100	100	40.80	0.06	0.11	
6472	6496	52.52	100	100	98.09	0.14	0.55	
6473	6497	95.26	150	100	75.12	0.05	0.05	
6474	6498	77.93	100	100	12.99	0.02	0.01	
6475	6499	96.84	100	100	0.76	0	0	
6476	6500	138.39	100	100	1.44	0	0	
6477	6501	15.25	100	100	23.43	0.03	0.04	
6478	6502	147.9	100	100	91.26	0.13	0.48	
6479	6503	49.29	80	100	41.74	0.1	0.34	
6480	6504	326.51	150	100	113.46	0.07	0.1	
6481	6505	218.18	150	100	9.54	0.01	0	
6482	6506	277.06	150	100	34.62	0.02	0.01	
6483	6507	270.25	400	100	154.06	0.01	0	
6484	6508	81.37	80	100	97.83	0.23	1.63	
6485	6509	114.42	80	100	34.91	0.08	0.24	
6486	6510	34.92	150	100	75.20	0.05	0.05	
6487	6511	46.32	150	100	94.77	0.06	0.07	
6488	6512	167.51	80	100	9.02	0.02	0.02	
6489	6513	108.06	100	100	8.95	0.01	0	
6490	6514	42.37	150	100	109.02	0.07	0.09	
6491	6515	81.66	100	100	29.79	0.04	0.06	
6492	6516	110.53	150	100	29.25	0.02	0.01	
6493	6517	110	100	100	30.76	0.05	0.06	
6494	6518	13.18	100	100	173.33	0.26	1.58	
6495	6519	171.22	150	100	79.73	0.05	0.05	
6496	6520	59.27	150	100	54.46	0.04	0.03	
6497	6521	14.29	150	100	4.66	0	0	
6498	6522	119.57	80	100	35.42	0.08	0.25	
6499	6523	156.29	150	100	152.91	0.1	0.17	
6500	6524	349.92	150	100	103.11	0.07	0.08	
6501	6525	2.39	150	100	278.89	0.18	0.53	
6502	6526	109.09	150	100	71.29	0.05	0.04	
6503	6527	12.9	500	100	3,623.20	0.21	0.17	
6504	6528	107.76	150	100	132.84	0.09	0.13	
6505	6529	34.19	100	100	17.50	0.03	0.02	
6506	6530	39.84	100	100	20.90	0.03	0.03	
6507	6531	34.44	100	100	23.00	0.03	0.04	
6508	6532	31.9	150	100	21.43	0.01	0	
6509	6533	14.08	400	100	377.54	0.03	0.01	
6510	6534	57.21	200	100	762.59	0.28	0.84	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
6511	6535	34.5	150	100	94.13	0.06	0.07	
6512	6536	40.17	200	100	116.68	0.04	0.03	
6513	6537	44.83	400	100	71.22	0.01	0	
6514	6538	124.93	100	100	53.55	0.08	0.18	
6515	6539	1.8	150	100	1,243.36	0.81	8.44	
6516	6540	81.13	150	100	265.50	0.17	0.48	
6517	6541	9.47	200	100	88.10	0.03	0.01	
6518	6542	223.85	100	100	190.57	0.28	1.88	
6519	6543	148.42	300	100	1,197.61	0.2	0.27	
6520	6544	81.32	100	100	70.80	0.1	0.3	
6521	6545	88.23	100	100	58.26	0.09	0.21	
6522	6546	26.54	300	100	3,202.47	0.52	1.66	
6523	6547	40.75	200	100	667.44	0.25	0.66	
6524	6548	13.27	300	100	574.58	0.09	0.07	
6525	6549	25.48	100	100	300.54	0.44	4.38	
6526	6550	233.96	350	100	1,474.50	0.18	0.19	
6527	6551	0.79	400	100	1,784.28	0.16	0.14	
6528	6552	103.68	150	100	122.45	0.08	0.12	
6529	6553	3.73	400	100	243.30	0.02	0	
6530	6554	149.72	300	100	3,649.02	0.6	2.12	
6531	6555	205.34	100	100	67.47	0.1	0.28	
6532	6556	59.16	100	100	11.53	0.02	0.01	
6533	6557	34.97	80	100	15.80	0.04	0.06	
6534	6558	35.29	150	100	89.09	0.06	0.06	
6535	6559	14.24	150	100	90.51	0.06	0.07	
6536	6560	18.51	150	100	1.43	0	0	
6537	6561	22.85	150	100	114.37	0.07	0.1	
6538	6562	160.2	100	100	3.92	0.01	0	
6539	6564	144.02	100	100	3.92	0.01	0	
6540	6565	734.42	600	100	6,940.50	0.28	0.24	
6541	6566	48.94	150	100	130.13	0.09	0.13	
6542	6567	15.91	150	100	309.09	0.2	0.64	
6543	6568	54	150	100	121.69	0.08	0.11	
6544	6569	20.77	150	100	64.72	0.04	0.04	
6545	6570	161.73	100	100	0.81	0	0	
6546	6571	37.7	200	100	92.81	0.03	0.02	
6547	6572	57.56	150	100	14.66	0.01	0	
6548	6573	20.37	150	100	72.64	0.05	0.04	
6549	6574	37	200	100	166.34	0.06	0.05	
6550	6575	16.57	100	100	53.76	0.08	0.18	
6551	6576	16.79	80	100	2.24	0.01	0	
6552	6577	63.01	80	100	12.65	0.03	0.04	
6553	6578	101.23	80	100	21.69	0.05	0.1	
6554	6579	216.88	100	100	127.10	0.19	0.89	
6555	6580	54.47	100	100	112.36	0.17	0.71	
6556	6581	9.42	100	100	210.89	0.31	2.27	
6557	6582	133.89	100	100	161.67	0.24	1.39	
6558	6583	20.75	100	100	8.84	0.01	0.01	
6559	6584	16.03	400	100	1,819.62	0.17	0.14	
6560	6585	204.97	400	100	1,785.82	0.16	0.14	
6561	6586	297.58	200	100	698.64	0.26	0.71	
6562	6587	27.5	600	100	5,104.48	0.21	0.13	
6563	6588	8.88	300	100	903.81	0.15	0.16	
6564	6590	6.19	100	100	163.64	0.24	1.42	
6565	6591	37.16	200	100	130.22	0.05	0.03	
6566	6592	35.52	100	100	1.80	0	0	
6567	6593	59.97	100	100	112.49	0.17	0.71	
6568	6594	105.18	150	100	169.33	0.11	0.21	
6569	6595	91.53	100	100	2.48	0	0	
6570	6596	14.91	150	100	143.94	0.09	0.16	
6571	6597	17.5	150	100	65.45	0.04	0.04	
6572	6598	254.85	300	100	51.03	0.01	0	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
6573	6599	102.99	100	100	14.76	0.02	0.02	
6574	6600	33.38	100	100	23.99	0.04	0.04	
6575	6601	3.1	150	100	30.28	0.02	0.01	
6576	6602	98.46	150	100	36.48	0.02	0.01	
6577	6603	55.54	200	100	1,083.77	0.4	1.61	
6578	6604	85.69	150	100	120.07	0.08	0.11	
6579	6605	15.16	100	100	154.58	0.23	1.28	
6580	6606	113.25	100	100	30.42	0.04	0.06	
6581	6607	95.91	150	100	45.90	0.03	0.02	
6582	6608	25.49	100	100	4.61	0.01	0	
6583	6609	57.88	80	100	43.82	0.1	0.37	
6584	6610	140.28	80	100	18.42	0.04	0.07	
6585	6611	20.89	100	100	11.06	0.02	0.01	
6586	6612	23.74	100	100	24.59	0.04	0.04	
6587	6613	16.63	100	100	16.56	0.02	0.02	
6588	6614	72.15	100	100	40.15	0.06	0.11	
6589	6615	71.92	100	100	60.63	0.09	0.23	
6590	6616	31.22	100	100	22.25	0.03	0.04	
6591	6617	47.96	100	100	17.00	0.03	0.02	
6592	6618	47.35	100	100	37.79	0.06	0.09	
6593	6619	40.69	100	100	38.05	0.06	0.1	
6594	6620	175.7	100	100	59.80	0.09	0.22	
6595	6621	35.57	100	100	59.87	0.09	0.22	
6596	6622	72.23	100	100	9.46	0.01	0.01	
6597	6623	63.15	100	100	23.19	0.03	0.04	
6598	6624	24.39	100	100	57.15	0.08	0.2	
6599	6625	43.44	100	100	80.67	0.12	0.38	
6600	6626	13.07	100	100	106.58	0.16	0.64	
6601	6627	15.91	100	100	25.91	0.04	0.05	
6602	6628	80.8	80	100	12.98	0.03	0.04	
6603	6629	48.88	150	100	6.21	0	0	
6604	6630	77.62	150	100	192.22	0.13	0.27	
6605	6631	19.45	150	100	415.65	0.27	1.11	
6606	6632	123.25	150	100	41.70	0.03	0.02	
6607	6633	10.8	200	100	1,153.24	0.42	1.81	
6608	6634	6.7	150	100	41.70	0.03	0.02	
6609	6635	2.27	150	100	131.36	0.09	0.13	
6610	6636	97.06	200	100	448.57	0.17	0.31	
6611	6637	25.31	500	100	3,086.48	0.18	0.13	
6612	6638	4.34	600	100	3,299.29	0.14	0.06	
6613	6639	4.26	500	100	6,074.10	0.36	0.45	
6614	6640	27.89	500	100	2,798.40	0.16	0.11	
6615	6641	103.71	150	100	77.27	0.05	0.05	
6616	6642	211.3	100	100	18.07	0.03	0.02	
6617	6643	32.62	100	100	13.11	0.02	0.01	
6618	6644	98.73	100	100	33.66	0.05	0.08	
6619	6645	14.72	100	100	52.99	0.08	0.18	
6620	6646	39.57	150	100	17.40	0.01	0	
6621	6647	263.84	150	100	8.27	0.01	0	
6622	6648	111.77	100	100	22.87	0.03	0.04	
6623	6649	195.85	100	100	0.00	0	0	
6624	6650	45.24	200	100	118.14	0.04	0.03	
6625	6652	3.05	100	100	6.72	0.01	0	
6626	6653	54.7	150	100	342.38	0.22	0.77	
6627	6654	1.47	150	100	173.50	0.11	0.22	
6628	6655	40.79	100	100	82.13	0.12	0.4	
6629	6656	100.32	200	100	494.59	0.18	0.38	
6630	6657	113.84	200	100	416.77	0.15	0.27	
6631	6658	1.55	150	100	147.21	0.1	0.16	
6632	6659	304.19	200	100	118.15	0.04	0.03	
6633	6660	0.07	200	100	0.00	0	0	
6634	6661	149.92	150	100	56.52	0.04	0.03	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
6635	6662	72.8	150	100	244.31	0.16	0.41	
6636	6663	50.23	100	100	10.69	0.02	0.01	
6637	6664	10.33	100	100	59.65	0.09	0.22	
6638	6665	0.87	100	100	137.29	0.2	1.03	
6639	6666	92.57	100	100	24.53	0.04	0.04	
6640	6667	86.64	150	100	46.21	0.03	0.02	
6641	6668	22.11	200	100	265.51	0.1	0.12	
6642	6669	45.76	200	100	73.08	0.03	0.01	
6643	6670	99.66	150	100	183.92	0.12	0.24	
6644	6671	277.14	200	100	332.40	0.12	0.18	
6645	6673	62.12	100	100	45.54	0.07	0.13	
6646	6674	96.67	100	100	18.14	0.03	0.02	
6647	6675	28.93	100	100	78.70	0.12	0.37	
6648	6676	148.96	80	100	154.30	0.36	3.78	
6649	6677	9.27	150	100	13.27	0.01	0	
6650	6678	54.8	100	100	76.88	0.11	0.35	
6651	6679	105.11	150	100	142.00	0.09	0.15	
6652	6680	2.78	100	100	93.84	0.14	0.51	
6653	6681	211.61	100	100	94.35	0.14	0.51	
6654	6682	117.9	100	100	36.18	0.05	0.09	
6655	6684	107.83	100	100	36.42	0.05	0.09	
6656	6685	47.39	200	100	63.44	0.02	0.01	
6657	6686	82.94	150	100	200.99	0.13	0.29	
6658	6687	83.41	100	100	67.96	0.1	0.28	
6659	6688	80.04	100	100	44.37	0.07	0.13	
6660	6689	82.48	150	100	203.00	0.13	0.29	
6661	6690	166.69	500	100	4,591.20	0.27	0.27	
6662	6691	5.12	500	100	840.97	0.05	0.01	
6663	6692	38.72	150	100	51.40	0.03	0.02	
6664	6693	191.36	150	100	39.55	0.03	0.01	
6665	6694	99.89	150	100	77.22	0.05	0.05	
6666	6695	46.81	100	100	22.91	0.03	0.04	
6667	6696	72.68	100	100	4.51	0.01	0	
6668	6697	100.02	100	100	27.11	0.04	0.05	
6669	6698	43.26	100	100	54.96	0.08	0.19	
6670	6699	39.23	150	100	197.22	0.13	0.28	
6671	6700	2.89	500	100	3,280.25	0.19	0.14	
6672	6701	24.57	200	100	1,204.26	0.44	1.96	
6673	6702	96.15	100	100	62.63	0.09	0.24	
6674	6703	99.48	150	100	129.63	0.08	0.13	
6675	6704	87.42	100	100	18.37	0.03	0.02	
6676	6705	47.09	150	100	130.82	0.09	0.13	
6677	6706	47.07	150	100	80.29	0.05	0.05	
6678	6707	46.31	100	100	56.45	0.08	0.2	
6679	6708	84.5	80	100	33.73	0.08	0.23	
6680	6709	58.73	100	100	51.68	0.08	0.17	
6681	6710	10.82	100	100	18.55	0.03	0.03	
6682	6711	104.61	80	100	42.00	0.1	0.34	
6683	6712	229.22	200	100	294.34	0.11	0.14	
6684	6713	57.41	100	100	37.61	0.06	0.09	
6685	6714	99.85	100	100	55.94	0.08	0.19	
6686	6715	147.07	500	100	3,753.15	0.22	0.19	
6687	6716	104.88	400	100	5,190.34	0.48	1	
6688	6717	197.48	200	100	381.43	0.14	0.23	
6689	6718	62.09	100	100	166.17	0.24	1.46	
6690	6719	74.23	200	100	216.21	0.08	0.08	
6691	6720	57.66	100	100	26.34	0.04	0.05	
6692	6721	101.31	150	100	31.61	0.02	0.01	
6693	6722	65.19	100	100	51.98	0.08	0.17	
6694	6723	101.23	100	100	2.65	0	0	
6695	6724	193.01	150	100	110.87	0.07	0.1	
6696	6725	94.64	150	100	160.59	0.11	0.19	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
6697	6726	2.02	150	100	154.50	0.1	0.17	
6698	6727	211.22	150	100	322.14	0.21	0.69	
6699	6728	310.34	100	100	46.30	0.07	0.14	
6700	6729	56.94	100	100	8.84	0.01	0.01	
6701	6730	103.87	500	100	8,270.35	0.49	0.8	
6702	6731	3.07	150	100	415.07	0.27	1.11	
6703	6732	31.59	500	100	3,335.16	0.2	0.15	
6704	6733	164.3	500	100	8,515.50	0.5	0.84	
6705	6734	304.47	100	100	102.84	0.15	0.6	
6706	6735	57.81	100	100	191.16	0.28	1.9	
6707	6736	197.92	100	100	14.33	0.02	0.02	
6708	6737	106.05	200	100	1,679.48	0.62	3.63	
6709	6738	27.53	200	100	11.88	0	0	
6710	6739	16.33	250	100	2,544.53	0.6	2.64	
6711	6740	112.12	100	100	28.15	0.04	0.05	
6712	6741	96.41	150	100	89.14	0.06	0.06	
6713	6742	94.49	200	100	123.88	0.05	0.03	
6714	6743	48.04	100	100	15.20	0.02	0.02	
6715	6744	1.25	150	100	25.22	0.02	0	
6716	6745	2.74	200	100	434.18	0.16	0.29	
6717	6746	400.91	200	100	107.28	0.04	0.02	
6718	6747	1.29	200	100	371.19	0.14	0.22	
6719	6748	26.59	200	100	63.00	0.02	0	
6720	6749	4.71	500	100	5,062.89	0.3	0.32	
6721	6750	63.85	100	100	41.97	0.06	0.11	
6722	6751	3.2	100	100	55.47	0.08	0.19	
6723	6752	54.42	100	100	34.51	0.05	0.08	
6724	6753	6.24	500	100	1,104.59	0.07	0.02	
6725	6754	558.44	400	100	1,836.02	0.17	0.15	
6726	6755	22.91	300	100	0.00	0	0	
6727	6756	110.17	100	100	25.01	0.04	0.04	
6728	6757	82.17	200	100	134.78	0.05	0.03	
6729	6758	143.27	200	100	270.47	0.1	0.12	
6730	6759	169.24	150	100	0.67	0	0	
6731	6760	62.12	100	100	155.88	0.23	1.3	
6732	6761	42.38	150	100	6.73	0	0	
6733	6762	64.2	100	100	96.42	0.14	0.53	
6734	6763	302.45	400	100	0.00	0	0	
6735	6764	61.77	100	100	68.31	0.1	0.28	
6736	6765	220.52	100	100	49.41	0.07	0.15	
6737	6766	77.29	400	100	0.00	0	0	
6738	6767	66.73	200	100	458.81	0.17	0.33	
6739	6768	49.22	100	100	134.42	0.2	0.99	
6740	6769	110.14	100	100	103.60	0.15	0.61	
6741	6770	135.87	600	100	0.00	0	0	
6742	6771	639.78	400	100	772.94	0.07	0.03	
6743	6772	61.94	200	100	214.25	0.08	0.08	
6744	6773	199.79	600	100	1,044.97	0.04	0.01	
6745	6774	58.26	200	100	606.42	0.22	0.55	
6746	6775	5.21	600	100	1,046.38	0.04	0.01	
6747	6776	113.55	100	100	85.76	0.13	0.43	
6748	6777	13.22	200	100	349.03	0.13	0.2	
6749	6778	113.98	600	100	7,774.94	0.32	0.29	
6750	6779	56.23	600	100	7,842.60	0.32	0.3	
6751	6780	16.46	100	100	250.80	0.37	3.13	
6752	6781	95.24	100	100	18.29	0.03	0.02	
6753	6782	207.83	100	100	12.01	0.02	0.01	
6754	6783	68.49	600	100	10,981.55	0.45	0.56	
6755	6784	131.75	100	100	18.97	0.03	0.03	
6756	6785	46.15	100	100	103.82	0.15	0.61	
6757	6786	153.5	100	100	57.75	0.09	0.21	
6758	6787	88.16	150	100	181.57	0.12	0.24	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
6759	6788	41.6	150	100	110.21	0.07	0.09	
6760	6789	87.63	150	100	62.65	0.04	0.03	
6761	6790	21.7	200	100	409.36	0.15	0.27	
6762	6791	40.51	600	100	94.92	0	0	
6763	6792	115.6	150	100	54.56	0.04	0.03	
6764	6793	1.86	200	100	310.61	0.11	0.16	
6765	6794	75.69	150	100	61.76	0.04	0.03	
6766	6795	7.19	100	100	74.79	0.11	0.33	
6767	6796	77.17	150	100	112.30	0.07	0.1	
6768	6797	122.68	150	100	66.73	0.04	0.04	
6769	6798	123.34	150	100	51.34	0.03	0.02	
6770	6799	92.06	150	100	92.89	0.06	0.07	
6771	6800	62.54	100	100	113.79	0.17	0.73	
6772	6801	106.96	150	100	117.59	0.08	0.11	
6773	6802	310.29	250	100	0.00	0	0	
6774	6803	52.86	100	100	62.35	0.09	0.24	
6775	6804	3.96	100	100	436.46	0.64	8.75	
6776	6805	39.45	100	100	107.09	0.16	0.65	
6777	6806	17.35	100	100	269.29	0.4	3.58	
6778	6807	121.86	100	100	62.56	0.09	0.24	
6779	6808	122.96	100	100	23.50	0.03	0.04	
6780	6809	54.81	100	100	45.93	0.07	0.14	
6781	6810	13.51	200	100	13.88	0.01	0	
6782	6811	123.41	100	100	92.93	0.14	0.5	
6783	6812	247.44	100	100	13.42	0.02	0.01	
6784	6813	79.04	100	100	51.27	0.08	0.17	
6785	6814	128.99	100	100	51.84	0.08	0.17	
6786	6815	74.16	100	100	20.35	0.03	0.03	
6787	6816	106.95	100	100	48.25	0.07	0.15	
6788	6817	115.26	100	100	52.83	0.08	0.18	
6789	6818	86.23	100	100	80.54	0.12	0.38	
6790	6819	83.28	100	100	81.42	0.12	0.39	
6791	6820	75	100	100	34.18	0.05	0.08	
6792	6821	658.75	150	100	272.71	0.18	0.51	
6793	6822	205.07	100	100	116.95	0.17	0.76	
6794	6823	184.65	150	100	59.04	0.04	0.03	
6795	6824	7.32	150	100	304.12	0.2	0.62	
6796	6825	93.69	100	100	79.44	0.12	0.37	
6797	6826	27.58	100	100	254.58	0.38	3.22	
6798	6827	19.25	100	100	106.18	0.16	0.64	
6799	6828	117.22	600	100	15,715.42	0.64	1.08	
6800	6829	97.4	600	100	195.54	0.01	0	
6801	6830	6.43	200	100	862.56	0.32	1.05	
6802	6831	54.26	100	100	65.77	0.1	0.26	
6803	6832	79.87	200	100	659.53	0.24	0.64	
6804	6833	25.13	100	100	61.54	0.09	0.23	
6805	6834	45.52	100	100	65.88	0.1	0.26	
6806	6835	46.21	100	100	181.33	0.27	1.72	
6807	6836	59.82	600	100	14,569.44	0.6	0.94	
6808	6837	72.33	200	100	875.55	0.32	1.08	
6809	6838	119.73	100	100	12.04	0.02	0.01	
6810	6839	46.93	100	100	39.13	0.06	0.1	
6811	6840	119.14	100	100	42.28	0.06	0.12	
6812	6841	43.71	100	100	59.54	0.09	0.22	
6813	6842	61.33	100	100	123.03	0.18	0.84	
6814	6843	55.86	100	100	24.11	0.04	0.04	
6815	6844	216.28	300	100	2,550.89	0.42	1.09	
6816	6845	49.67	300	100	264.52	0.04	0.02	
6817	6846	52.16	100	100	298.66	0.44	4.33	
6818	6847	75.41	200	100	946.30	0.35	1.25	
6819	6848	132.67	100	100	78.06	0.12	0.36	
6820	6849	136.41	100	100	36.75	0.05	0.09	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
6821	6850	58.15	200	100	212.93	0.08	0.08	
6822	6851	875.42	600	100	12,418.80	0.51	0.7	
6823	6852	245.45	300	100	244.45	0.04	0.01	
6824	6853	27.55	300	100	963.99	0.16	0.18	
6825	6854	8.81	400	100	399.02	0.04	0.01	
6826	6855	30.61	100	100	33.60	0.05	0.08	
6827	6856	74.27	300	100	1,452.91	0.24	0.38	
6828	6857	159.26	150	100	100.16	0.07	0.08	
6829	6858	161.07	150	100	99.57	0.07	0.08	
6830	6859	42.42	150	100	141.68	0.09	0.15	
6831	6860	18.15	100	100	43.16	0.06	0.12	
6832	6861	55.19	150	100	215.44	0.14	0.33	
6833	6862	141.81	150	100	175.22	0.11	0.22	
6834	6863	71.16	100	100	57.88	0.09	0.21	
6835	6864	217.06	100	100	31.35	0.05	0.07	
6836	6865	45.49	150	100	136.71	0.09	0.14	
6837	6866	71.48	100	100	13.09	0.02	0.01	
6838	6867	381.29	200	100	365.58	0.13	0.22	
6839	6868	61.89	150	100	360.81	0.24	0.85	
6840	6869	102.93	150	100	223.24	0.15	0.35	
6841	6870	7.23	150	100	889.48	0.58	4.54	
6842	6871	195.53	600	100	8,795.30	0.36	0.37	
6843	6872	21.24	300	100	1,428.17	0.23	0.37	
6844	6873	26.62	300	100	539.03	0.09	0.06	
6845	6874	17.05	600	100	9,094.80	0.37	0.39	
6846	6875	30.07	600	100	15,079.38	0.62	1	
6847	6876	18.48	400	100	1,891.08	0.17	0.15	
6848	6877	159.72	150	100	559.11	0.37	1.92	
6849	6878	3.78	200	100	1,152.21	0.42	1.81	
6850	6879	9.54	600	100	14,396.99	0.59	0.92	
6851	6880	21.87	200	100	1,599.16	0.59	3.31	
6852	6881	68.57	100	100	168.36	0.25	1.5	
6853	6882	98.92	100	100	156.54	0.23	1.31	
6854	6883	96.49	100	100	85.13	0.13	0.42	
6855	6884	159.24	100	100	45.33	0.07	0.13	
6856	6885	160.31	100	100	14.90	0.02	0.02	
6857	6886	20	150	100	252.06	0.17	0.44	
6858	6887	17.67	100	100	92.11	0.14	0.49	
6859	6888	53.33	100	100	27.06	0.04	0.05	
6860	6889	60.46	100	100	67.12	0.1	0.27	
6861	6890	62.61	100	100	27.56	0.04	0.05	
6862	6891	93.71	100	100	120.88	0.18	0.81	
6863	6892	28.88	150	100	62.05	0.04	0.03	
6864	6893	89.61	100	100	63.55	0.09	0.25	
6865	6894	53.5	150	100	342.47	0.22	0.77	
6866	6895	65.3	100	100	73.41	0.11	0.32	
6867	6896	219.13	300	100	1,062.45	0.17	0.22	
6868	6897	55.71	400	100	877.93	0.08	0.04	
6869	6898	118.73	150	100	375.80	0.25	0.92	
6870	6899	73.64	100	100	1.18	0	0	
6871	6900	57.12	150	100	165.36	0.11	0.2	
6872	6901	217.4	100	100	103.79	0.15	0.61	
6873	6902	13.93	400	100	31.92	0	0	
6874	6903	9.59	400	100	216.77	0.02	0	
6875	6904	158.37	400	100	413.27	0.04	0.01	
6876	6905	124.35	400	100	1,003.96	0.09	0.05	
6877	6906	32.31	150	100	100.71	0.07	0.08	
6878	6907	35.78	150	100	109.93	0.07	0.09	
6879	6908	97.05	100	100	56.36	0.08	0.2	
6880	6909	44.02	150	100	32.13	0.02	0.01	
6881	6910	178.05	200	100	63.67	0.02	0.01	
6882	6911	71.11	150	100	286.58	0.19	0.56	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
6883	6912	57.01	100	100	89.87	0.13	0.47	
6884	6913	58.91	80	100	24.72	0.06	0.13	
6885	6914	53.22	250	100	158.91	0.04	0.02	
6886	6915	68.49	200	100	686.43	0.25	0.69	
6887	6916	61.15	350	100	1,407.43	0.17	0.17	
6888	6917	97.03	150	100	678.64	0.44	2.75	
6889	6919	52.12	200	100	169.97	0.06	0.05	
6890	6920	410.23	80	100	101.43	0.23	1.74	
6891	6921	0.59	100	100	47.75	0.07	0.16	
6892	6922	172.45	100	100	0.01	0	0	
6893	6923	16.5	200	100	137.62	0.05	0.03	
6894	6924	418.2	350	100	61.27	0.01	0	
6895	6925	77.24	150	100	24.56	0.02	0.01	
6896	6926	17.5	100	100	13.02	0.02	0.01	
6897	6927	254.22	100	100	37.12	0.05	0.09	
6898	6928	388.72	300	100	462.19	0.08	0.05	
6899	6929	277.69	300	100	1,743.49	0.29	0.54	
6900	6930	196.19	80	100	74.59	0.17	0.98	
6901	6931	21.77	300	100	839.03	0.14	0.14	
6902	6932	95.52	600	100	3,796.80	0.16	0.08	
6903	6933	143.03	600	100	2,810.28	0.12	0.04	
6904	6934	161.52	350	100	1,683.89	0.2	0.24	
6905	6935	307.34	100	100	33.61	0.05	0.08	
6906	6936	3.76	300	100	986.52	0.16	0.19	
6907	6937	288.63	100	100	75.80	0.11	0.34	
6908	6938	294.48	150	100	195.93	0.13	0.28	
6909	6939	1.04	100	100	113.01	0.17	0.72	
6910	6940	95.2	150	100	129.91	0.09	0.13	
6911	6941	101.45	100	100	41.48	0.06	0.11	
6912	6942	16.38	150	100	177.82	0.12	0.23	
6913	6943	30.3	100	100	11.15	0.02	0.01	
6914	6944	78.45	100	100	10.31	0.02	0.01	
6915	6945	15.72	100	100	20.76	0.03	0.03	
6916	6946	45.33	100	100	15.43	0.02	0.02	
6917	6947	12.47	150	100	286.84	0.19	0.56	
6918	6948	23.73	150	100	34.98	0.02	0.01	
6919	6949	7.24	150	100	196.71	0.13	0.28	
6920	6950	4.95	150	100	259.46	0.17	0.46	
6921	6951	607.87	250	100	1,298.70	0.31	0.76	
6922	6952	18.82	300	100	280.07	0.05	0.02	
6923	6953	23.91	300	100	243.96	0.04	0.01	
6924	6954	10.51	350	100	3,503.66	0.42	0.93	
6925	6955	282.25	150	100	544.89	0.36	1.83	
6926	6956	127.87	150	100	19.96	0.01	0	
6927	6957	265.86	350	100	918.14	0.11	0.08	
6928	6958	91.6	80	100	101.47	0.23	1.74	
6929	6959	10.25	300	100	1,292.54	0.21	0.31	
6930	6960	3.08	100	100	148.21	0.22	1.18	
6931	6961	40.66	150	100	39.42	0.03	0.01	
6932	6962	83.79	100	100	38.45	0.06	0.1	
6933	6963	7.23	100	100	17.62	0.03	0.02	
6934	6964	103.15	100	100	88.68	0.13	0.46	
6935	6965	128.03	100	100	109.35	0.16	0.67	
6936	6966	107.26	100	100	86.32	0.13	0.43	
6937	6967	63.15	100	100	67.48	0.1	0.28	
6938	6968	3.9	80	100	139.18	0.32	3.12	
6939	6969	111.17	100	100	71.52	0.11	0.31	
6940	6970	53.53	100	100	155.11	0.23	1.29	
6941	6971	10.43	350	100	1,322.54	0.16	0.15	
6942	6972	102.4	600	100	9,061.17	0.37	0.39	
6943	6973	8.73	600	100	2,221.89	0.09	0.03	
6944	6974	18.49	350	100	98.79	0.01	0	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
6945	6975	17.28	150	100	220.84	0.14	0.34	
6946	6976	62.92	150	100	163.05	0.11	0.2	
6947	6977	155.63	150	100	93.97	0.06	0.07	
6948	6978	207.96	100	100	72.35	0.11	0.31	
6949	6979	16.37	150	100	98.88	0.06	0.08	
6950	6980	79.16	150	100	130.42	0.09	0.13	
6951	6981	221.14	80	100	16.81	0.04	0.06	
6952	6982	17.04	150	100	376.48	0.25	0.92	
6953	6983	7.32	400	100	5,238.93	0.48	1.02	
6954	6984	5.84	80	100	234.57	0.54	8.21	
6955	6985	76.22	400	100	1,634.66	0.15	0.12	
6956	6986	56.97	300	100	318.65	0.05	0.02	
6957	6987	10.3	150	100	162.29	0.11	0.19	
6958	6988	68.61	80	100	1.53	0	0	
6959	6989	92.46	150	100	16.01	0.01	0	
6960	6990	22.22	150	100	329.71	0.22	0.72	
6961	6991	3.05	300	100	721.43	0.12	0.11	
6962	6992	73.92	300	100	924.81	0.15	0.17	
6963	6993	60.04	150	100	79.46	0.05	0.05	
6964	6994	9.18	150	100	5.03	0	0	
6965	6995	6.43	400	100	4,870.09	0.45	0.89	
6966	6996	313.97	200	100	900.23	0.33	1.14	
6967	6997	94.36	100	100	3.77	0.01	0	
6968	6998	62.92	80	100	86.82	0.2	1.3	
6969	6999	49.76	80	100	124.68	0.29	2.55	
6970	7000	127.51	80	100	44.64	0.1	0.38	
6971	7001	89.78	100	100	73.52	0.11	0.32	
6972	7002	22.2	100	100	226.74	0.33	2.6	
6973	7003	155.84	100	100	69.76	0.1	0.29	
6974	7004	9.16	150	100	169.66	0.11	0.21	
6975	7005	137.09	100	100	64.80	0.1	0.26	
6976	7006	92.19	100	100	146.90	0.22	1.16	
6977	7007	160.42	100	100	94.10	0.14	0.51	
6978	7008	122.67	100	100	236.61	0.35	2.81	
6979	7009	14.36	150	100	106.80	0.07	0.09	
6980	7010	12.5	200	100	43.24	0.02	0	
6981	7011	73.6	80	100	85.33	0.2	1.26	
6982	7012	73.14	200	100	499.10	0.18	0.38	
6983	7013	72.88	200	100	946.73	0.35	1.25	
6984	7014	16.54	400	100	1,986.25	0.18	0.17	
6985	7015	39.19	100	100	91.39	0.13	0.48	
6986	7016	30.99	200	100	555.49	0.2	0.47	
6987	7017	2609.18	500	100	0.00	0	0	
6988	7018	232.65	500	100	5,237.02	0.31	0.34	
6989	7019	148.17	600	100	0.00	0	0	
6990	7020	167.34	600	100	1,037.49	0.04	0.01	
6991	7021	62.8	200	100	18.68	0.01	0	
6992	7022	244.08	100	100	1.15	0	0	
6993	7023	173.39	900	100	20,664.27	0.38	0.25	
6994	7024	33.05	900	100	19,783.97	0.36	0.23	
6995	7025	409.22	900	100	11,779.97	0.21	0.09	
6996	7026	932.19	900	100	37,014.05	0.67	0.73	
6997	7027	559.18	800	100	18,925.99	0.44	0.38	
6998	7028	93.97	800	100	28,439.39	0.65	0.8	
6999	7029	425.66	800	100	28,875.85	0.66	0.82	
7000	7030	62.48	80	100	243.30	0.56	8.79	
7001	7031	21.74	80	100	78.17	0.18	1.07	
7002	7032	223.97	80	100	65.60	0.15	0.78	
7003	7033	96.29	80	100	8.19	0.02	0.02	
7004	7034	93.16	80	100	35.18	0.08	0.24	
7005	7035	98.06	80	100	39.08	0.09	0.3	
7006	7036	98.22	80	100	28.45	0.07	0.17	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
7007	7037	98.25	80	100	44.40	0.1	0.38	
7008	7038	43.13	80	100	14.81	0.03	0.05	
7009	7039	18.09	80	100	18.78	0.04	0.08	
7010	7040	78.66	80	100	10.28	0.02	0.02	
7011	7041	24.7	80	100	27.51	0.06	0.16	
7012	7042	30.53	80	100	70.92	0.16	0.9	
7013	7043	30.85	80	100	37.30	0.09	0.27	
7014	7044	30.68	80	100	57.66	0.13	0.61	
7015	7045	24.08	80	100	27.61	0.06	0.16	
7016	7046	108.46	80	100	27.34	0.06	0.15	
7017	7047	32.86	80	100	76.11	0.18	1.02	
7018	7048	44.98	80	100	43.28	0.1	0.36	
7019	7049	77.81	80	100	42.56	0.1	0.35	
7020	7050	36.73	80	100	54.42	0.13	0.55	
7021	7051	37.64	80	100	33.71	0.08	0.23	
7022	7052	38.44	80	100	92.85	0.21	1.48	
7023	7053	46.14	80	100	30.81	0.07	0.19	
7024	7054	52.36	80	100	16.12	0.04	0.06	
7025	7055	76.56	80	100	40.40	0.09	0.32	
7026	7056	123.9	80	100	28.18	0.06	0.16	
7027	7057	46.56	80	100	5.60	0.01	0.01	
7028	7058	33.1	80	100	18.60	0.04	0.08	
7029	7059	40.75	80	100	1.17	0	0	
7030	7060	41.85	80	100	1.22	0	0	
7031	7061	29.09	80	100	6.09	0.01	0.01	
7032	7062	97.6	80	100	47.18	0.11	0.42	
7033	7063	94.01	80	100	11.73	0.03	0.03	
7034	7064	61.17	80	100	14.91	0.03	0.05	
7035	7065	112.46	80	100	6.09	0.01	0.01	
7036	7066	105.12	80	100	22.06	0.05	0.1	
7037	7067	133.07	80	100	17.74	0.04	0.07	
7038	7068	136.61	80	100	0.41	0	0	
7039	7069	132.98	80	100	7.77	0.02	0.01	
7040	7070	134.51	80	100	45.08	0.1	0.39	
7041	7071	123.09	80	100	168.12	0.39	4.43	
7042	7072	146.63	80	100	94.99	0.22	1.54	
7043	7073	87.27	80	100	52.70	0.12	0.52	
7044	7074	65.51	80	100	0.00	0	0	
7045	7075	64.57	100	100	286.40	0.42	4.01	
7046	7076	122.1	80	100	90.78	0.21	1.42	
7047	7077	179.57	80	100	17.12	0.04	0.06	
7048	7078	43.1	80	100	6.80	0.02	0.01	
7049	7079	92.87	80	100	11.72	0.03	0.03	
7050	7080	187.85	80	100	264.97	0.61	10.29	
7051	7081	86.6	80	100	91.10	0.21	1.42	
7052	7082	96.72	80	100	20.29	0.05	0.09	
7053	7083	95.6	80	100	33.36	0.08	0.22	
7054	7084	129.96	80	100	213.00	0.49	6.87	
7055	7085	119.11	80	100	27.42	0.06	0.15	
7056	7086	174.89	80	100	21.88	0.05	0.1	
7057	7087	87.01	80	100	12.81	0.03	0.04	
7058	7088	143.86	80	100	26.64	0.06	0.15	
7059	7089	91.9	80	100	8.84	0.02	0.02	
7060	7090	113.57	80	100	32.03	0.07	0.21	
7061	7091	108.52	80	100	4.66	0.01	0.01	
7062	7092	169.8	80	100	3.41	0.01	0	
7063	7093	56.29	80	100	2.04	0	0	
7064	7094	58.84	80	100	83.59	0.19	1.21	
7065	7095	63.88	80	100	51.20	0.12	0.49	
7066	7096	97.4	80	100	55.77	0.13	0.57	
7067	7097	173.63	80	100	13.25	0.03	0.04	
7068	7098	118.3	80	100	68.29	0.16	0.84	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
7069	7099	370.32	80	100	7.70	0.02	0.01	
7070	7100	57.68	80	100	104.61	0.24	1.84	
7071	7101	84.48	80	100	32.41	0.07	0.21	
7072	7102	54.07	80	100	22.52	0.05	0.11	
7073	7103	55.62	80	100	11.03	0.03	0.03	
7074	7104	712.31	80	100	0.67	0	0	
7075	7105	33.49	80	100	40.24	0.09	0.31	
7076	7106	34.68	80	100	165.59	0.38	4.31	
7077	7107	71.5	80	100	23.48	0.05	0.12	
7078	7108	41.08	80	100	7.23	0.02	0.01	
7079	7109	40.3	80	100	169.95	0.39	4.52	
7080	7110	699.26	80	100	4.36	0.01	0.01	
7081	7111	102.72	80	100	16.30	0.04	0.06	
7082	7112	58.61	80	100	22.14	0.05	0.1	
7083	7113	199.57	80	100	5.87	0.01	0.01	
7084	7114	40.49	80	100	29.12	0.07	0.17	
7085	7115	31.75	80	100	42.92	0.1	0.35	
7086	7116	40.54	80	100	54.27	0.12	0.55	
7087	7117	67.73	80	100	25.64	0.06	0.14	
7088	7118	81.47	80	100	10.53	0.02	0.03	
7089	7119	72.17	80	100	28.09	0.06	0.16	
7090	7120	66.21	80	100	24.10	0.06	0.12	
7091	7121	36.93	80	100	54.57	0.13	0.55	
7092	7122	116.32	80	100	43.38	0.1	0.36	
7093	7123	90.56	80	100	32.61	0.08	0.21	
7094	7124	151.51	80	100	13.24	0.03	0.04	
7095	7125	105.97	80	100	18.64	0.04	0.08	
7096	7126	88.2	80	100	5.58	0.01	0.01	
7097	7127	104.29	80	100	7.24	0.02	0.01	
7098	7128	263.52	80	100	20.93	0.05	0.09	
7099	7129	114.2	80	100	3.67	0.01	0	
7100	7130	55.58	80	100	19.48	0.04	0.08	
7101	7131	108.62	80	100	7.83	0.02	0.02	
7102	7132	95.51	80	100	24.73	0.06	0.13	
7103	7133	92.99	80	100	3.00	0.01	0	
7104	7134	27.41	80	100	26.11	0.06	0.14	
7105	7135	85.08	80	100	28.94	0.07	0.17	
7106	7136	63.9	80	100	32.58	0.08	0.21	
7107	7137	157.02	80	100	24.49	0.06	0.12	
7108	7138	110.24	80	100	13.78	0.03	0.04	
7109	7139	18.35	80	100	212.90	0.49	6.86	
7110	7140	99.25	80	100	116.22	0.27	2.24	
7111	7141	141.93	80	100	22.58	0.05	0.11	
7112	7142	114.39	80	100	64.17	0.15	0.74	
7113	7143	130.43	80	100	15.25	0.04	0.05	
7114	7144	89.78	80	100	82.64	0.19	1.19	
7115	7145	158.08	80	100	87.80	0.2	1.33	
7116	7146	90.04	80	100	72.90	0.17	0.94	
7117	7147	66.72	80	100	67.29	0.15	0.81	
7118	7148	123.84	80	100	42.75	0.1	0.35	
7119	7149	102.48	80	100	122.38	0.28	2.46	
7120	7150	59.09	80	100	76.35	0.18	1.03	
7121	7151	92.67	80	100	43.24	0.1	0.36	
7122	7152	44.56	80	100	64.19	0.15	0.74	
7123	7153	163.45	80	100	13.25	0.03	0.04	
7124	7154	119.3	80	100	44.05	0.1	0.37	
7125	7155	111.26	80	100	7.58	0.02	0.01	
7126	7156	124.56	80	100	11.52	0.03	0.03	
7127	7157	53.8	80	100	18.30	0.04	0.07	
7128	7158	111.06	80	100	52.58	0.12	0.51	
7129	7159	101.71	80	100	12.61	0.03	0.04	
7130	7160	89.18	80	100	4.93	0.01	0.01	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
7131	7161	176.71	80	100	33.10	0.08	0.22	
7132	7162	50.72	80	100	14.88	0.03	0.05	
7133	7163	177.1	80	100	32.89	0.08	0.22	
7134	7164	22.19	80	100	11.21	0.03	0.03	
7135	7165	112.92	80	100	30.41	0.07	0.19	
7136	7166	164.3	80	100	16.28	0.04	0.06	
7137	7167	139.72	80	100	60.27	0.14	0.66	
7138	7168	100.78	80	100	54.27	0.12	0.55	
7139	7169	58.41	80	100	26.59	0.06	0.15	
7140	7170	64.72	80	100	26.09	0.06	0.14	
7141	7171	83.96	80	100	38.82	0.09	0.29	
7142	7172	88.81	80	100	50.39	0.12	0.48	
7143	7173	246.14	80	100	47.86	0.11	0.43	
7144	7174	61.19	80	100	10.98	0.03	0.03	
7145	7175	53.04	80	100	121.71	0.28	2.44	
7146	7176	190.28	80	100	54.51	0.13	0.55	
7147	7177	128.27	80	100	24.50	0.06	0.13	
7148	7178	198.54	80	100	18.33	0.04	0.07	
7149	7179	52.85	80	100	45.85	0.11	0.4	
7150	7180	163.84	80	100	57.64	0.13	0.61	
7151	7181	40.52	80	100	12.89	0.03	0.04	
7152	7182	226.79	80	100	83.36	0.19	1.21	
7153	7183	130.27	80	100	90.20	0.21	1.4	
7154	7184	60.93	80	100	40.09	0.09	0.31	
7155	7185	150.4	80	100	93.51	0.22	1.5	
7156	7186	61.57	80	100	144.23	0.33	3.34	
7157	7187	73.63	80	100	68.00	0.16	0.83	
7158	7188	106.72	80	100	59.92	0.14	0.66	
7159	7189	90.98	80	100	66.21	0.15	0.79	
7160	7190	307.93	80	100	3.43	0.01	0	
7161	7191	199.78	80	100	50.50	0.12	0.48	
7162	7192	47.29	80	100	12.86	0.03	0.04	
7163	7193	55.22	80	100	44.07	0.1	0.37	
7164	7194	59.85	80	100	55.24	0.13	0.56	
7165	7195	16.6	80	100	115.40	0.27	2.21	
7166	7196	133.81	80	100	72.13	0.17	0.92	
7167	7197	46.35	80	100	58.92	0.14	0.64	
7168	7198	94.25	80	100	42.47	0.1	0.35	
7169	7199	112.97	80	100	42.55	0.1	0.35	
7170	7200	73.57	80	100	37.34	0.09	0.27	
7171	7201	93.35	80	100	10.34	0.02	0.02	
7172	7202	150.98	80	100	70.82	0.16	0.89	
7173	7203	40.97	80	100	149.18	0.34	3.55	
7174	7204	163.52	80	100	71.61	0.16	0.91	
7175	7205	232.69	80	100	14.34	0.03	0.05	
7176	7206	57.47	80	100	42.12	0.1	0.34	
7177	7207	89.92	80	100	9.06	0.02	0.02	
7178	7208	133.65	80	100	7.21	0.02	0.01	
7179	7209	99.25	80	100	16.87	0.04	0.06	
7180	7210	64.76	80	100	18.20	0.04	0.07	
7181	7211	101.15	80	100	11.34	0.03	0.03	
7182	7212	117.84	80	100	1.29	0	0	
7183	7213	142.1	80	100	3.72	0.01	0	
7184	7214	118.96	80	100	28.75	0.07	0.17	
7185	7215	49.93	80	100	31.05	0.07	0.19	
7186	7216	243.07	80	100	123.62	0.28	2.51	
7187	7217	58.52	80	100	96.55	0.22	1.59	
7188	7218	177.21	80	100	154.50	0.36	3.79	
7189	7219	47.96	80	100	175.67	0.4	4.81	
7190	7220	70	80	100	106.59	0.25	1.91	
7191	7221	284.49	80	100	29.19	0.07	0.17	
7192	7222	178.2	80	100	33.31	0.08	0.22	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
7193	7223	45.95	80	100	8.92	0.02	0.02	
7194	7224	68.66	80	100	108.57	0.25	1.97	
7195	7225	125.02	80	100	7.73	0.02	0.01	
7196	7226	159.82	80	100	14.22	0.03	0.05	
7197	7227	64.58	80	100	6.15	0.01	0.01	
7198	7228	54.61	80	100	21.62	0.05	0.1	
7199	7229	85.2	80	100	7.29	0.02	0.01	
7200	7230	65.3	80	100	59.19	0.14	0.64	
7201	7231	229.58	80	100	0.00	0	0	
7202	7232	195.19	80	100	47.61	0.11	0.43	
7203	7233	56.66	80	100	9.79	0.02	0.02	
7204	7234	118.4	300	100	693.18	0.11	0.1	
7205	7235	102.7	80	100	50.40	0.12	0.48	
7206	7236	74.22	80	100	17.38	0.04	0.07	
7207	7237	176.52	80	100	19.52	0.04	0.08	
7208	7238	74.18	80	100	1.24	0	0	
7209	7239	61.21	80	100	5.02	0.01	0.01	
7210	7240	20.45	80	100	80.31	0.18	1.13	
7211	7241	664.16	80	100	13.34	0.03	0.04	
7212	7242	17.18	80	100	299.69	0.69	12.93	
7213	7243	427.96	80	100	80.26	0.18	1.13	
7214	7244	48.2	80	100	36.56	0.08	0.26	
7215	7245	61.63	80	100	20.81	0.05	0.09	
7216	7246	184.08	80	100	10.19	0.02	0.02	
7217	7247	1093.66	700	100	16.850.95	0.51	0.58	
7218	7248	242.9	700	100	11.980.85	0.36	0.31	
7219	7249	237.93	700	100	8.145.05	0.24	0.15	
7220	7250	360.4	700	100	12.092.23	0.36	0.31	
7221	7251	93.75	700	100	24.650.04	0.74	1.17	
7222	7252	100.9	600	100	14.23	0	0	
7223	7253	29.48	600	100	8.475.91	0.35	0.34	
7224	7254	320.49	600	100	14.830.81	0.61	0.97	
7225	7255	128.32	600	100	21.726.89	0.89	1.97	
7226	7256	3.41	600	100	4.836.72	0.2	0.12	
7227	7257	708.83	600	100	8.921.56	0.37	0.38	
7228	7258	258.39	600	100	8.954.75	0.37	0.38	
7229	7259	216.19	600	100	1.037.49	0.04	0.01	
7230	7260	102.26	600	100	6.102.96	0.25	0.19	
7231	7261	199.07	600	100	13.158.76	0.54	0.78	
7232	7262	232.21	600	100	5.055.34	0.21	0.13	
7233	7263	166.64	600	100	15.287.27	0.63	1.03	
7234	7264	149.48	600	100	4.084.84	0.17	0.09	
7235	7265	37.48	600	100	21.726.89	0.89	1.97	
7236	7266	70.8	600	100	11.675.36	0.48	0.62	
7237	7267	209.58	600	100	36.57	0	0	
7238	7268	1319.28	600	100	7.929.07	0.32	0.3	
7239	7269	1026.63	600	100	6.610.89	0.27	0.22	
7240	7270	216.84	600	100	633.43	0.03	0	
7241	7271	42.35	600	100	11.145.11	0.46	0.57	
7242	7272	176.77	600	100	13.357.97	0.55	0.8	
7243	7273	108.14	600	100	12.353.67	0.51	0.69	
7244	7274	138.25	600	100	7.139.65	0.29	0.25	
7245	7275	53.01	600	100	6.742.91	0.28	0.23	
7246	7276	429.86	600	100	0.00	0	0	
7247	7277	377.46	600	100	3.408.60	0.14	0.06	
7248	7278	79.7	600	100	6.460.84	0.26	0.21	
7249	7279	216.9	600	100	9.455.98	0.39	0.42	
7250	7280	24.3	600	100	10.030.75	0.41	0.47	
7251	7281	201.97	600	100	8.770.05	0.36	0.37	
7252	7282	426.78	600	100	8.120.11	0.33	0.32	
7253	7283	717.66	600	100	1.846.29	0.08	0.02	
7254	7284	83.33	600	100	13.469.94	0.55	0.81	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
7255	7285	209.4	600	100	2,235.75	0.09	0.03	
7256	7286	165.05	600	100	9,701.47	0.4	0.44	
7257	7287	149.64	600	100	9,143.22	0.37	0.4	
7258	7288	325.85	600	100	11,645.63	0.48	0.62	
7259	7289	202.64	600	100	10,704.21	0.44	0.53	
7260	7290	116.05	600	100	7,618.25	0.31	0.28	
7261	7291	187.59	600	100	317.12	0.01	0	
7262	7292	4.95	600	100	7,944.45	0.33	0.3	
7263	7293	223.3	600	100	12,367.70	0.51	0.69	
7264	7294	44.5	600	100	8,664.30	0.35	0.36	
7265	7295	88.36	600	100	7,246.66	0.3	0.26	
7266	7296	44.94	600	100	12,955.33	0.53	0.76	
7267	7297	73.59	600	100	13,128.42	0.54	0.77	
7268	7298	64.11	600	100	13,037.45	0.53	0.76	
7269	7299	152.85	600	100	8,076.23	0.33	0.32	
7270	7300	228.31	600	100	7,557.27	0.31	0.28	
7271	7301	205.07	600	100	8,210.26	0.34	0.32	
7272	7302	854.24	600	100	9,614.33	0.39	0.44	
7273	7303	547.8	600	100	10,522.98	0.43	0.51	
7274	7304	144.53	600	100	12,797.84	0.52	0.74	
7275	7305	284.56	600	100	2,463.23	0.1	0.03	
7276	7306	84.02	600	100	991.47	0.04	0.01	
7277	7307	289.88	600	100	5,853.19	0.24	0.17	
7278	7308	37.91	600	100	6,940.50	0.28	0.24	
7279	7309	48.89	600	100	6,097.70	0.25	0.19	
7280	7310	13.69	600	100	2,204.34	0.09	0.03	
7281	7311	994.42	600	100	4,629.78	0.19	0.11	
7282	7312	26.18	600	100	1,807.09	0.07	0.02	
7283	7313	54.73	600	100	325.19	0.01	0	
7284	7314	71.23	600	100	270.33	0.01	0	
7285	7315	58.5	600	100	0.00	0	0	
7286	7316	187.51	600	100	5,367.05	0.22	0.15	
7287	7317	35.12	500	100	6,087.07	0.36	0.45	
7288	7318	94.39	500	100	4,990.35	0.29	0.31	
7289	7319	161.58	500	100	5,014.48	0.3	0.32	
7290	7320	44.64	500	100	1,499.50	0.09	0.03	
7291	7321	63.82	500	100	1,108.01	0.07	0.02	
7292	7322	82.78	500	100	4,748.38	0.28	0.29	
7293	7323	16.22	500	100	5,586.19	0.33	0.39	
7294	7324	102.74	500	100	5,459.33	0.32	0.37	
7295	7325	211.96	500	100	5,371.57	0.32	0.36	
7296	7326	321.75	500	100	3,846.06	0.23	0.19	
7297	7327	22.45	500	100	3,364.73	0.2	0.15	
7298	7328	304.03	500	100	4,434.63	0.26	0.25	
7299	7329	247.46	500	100	3,176.41	0.19	0.14	
7300	7330	85.54	500	100	4,741.35	0.28	0.29	
7301	7331	86.59	500	100	4,388.32	0.26	0.25	
7302	7332	78.44	500	100	4,478.64	0.26	0.26	
7303	7333	26.32	500	100	2,747.09	0.16	0.1	
7304	7334	364.83	500	100	1,897.05	0.11	0.05	
7305	7335	60.31	500	100	7,137.75	0.42	0.61	
7306	7336	67.32	500	100	4,689.79	0.28	0.28	
7307	7337	11.93	500	100	5,423.28	0.32	0.37	
7308	7338	103.86	500	100	3,643.63	0.21	0.18	
7309	7339	316.23	500	100	3,623.20	0.21	0.17	
7310	7340	99.12	500	100	6,191.05	0.36	0.47	
7311	7341	137.66	500	100	5,494.27	0.32	0.38	
7312	7342	48.77	500	100	6,762.65	0.4	0.55	
7313	7343	225.53	500	100	4,719.14	0.28	0.28	
7314	7344	218.01	500	100	4,907.51	0.29	0.3	
7315	7345	764.45	500	100	4,689.82	0.28	0.28	
7316	7346	108.52	500	100	4,973.54	0.29	0.31	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
7317	7347	271.43	500	100	5.390.55	0.32	0.36	
7318	7348	449.8	500	100	4.561.58	0.27	0.27	
7319	7349	333.61	500	100	5.007.63	0.3	0.32	
7320	7350	192.2	500	100	4.444.56	0.26	0.25	
7321	7351	299.58	500	100	4.867.08	0.29	0.3	
7322	7352	428.61	500	100	4.568.23	0.27	0.27	
7323	7353	75.37	500	100	8.092.39	0.48	0.77	
7324	7354	96.85	500	100	3.899.21	0.23	0.2	
7325	7355	525.14	500	100	1.875.09	0.11	0.05	
7326	7356	19.43	500	100	251.93	0.01	0	
7327	7357	60.25	500	100	4.365.33	0.26	0.25	
7328	7358	16.58	500	100	3.275.70	0.19	0.14	
7329	7359	33.14	500	100	5.305.04	0.31	0.35	
7330	7360	28.28	400	100	4.211.81	0.39	0.68	
7331	7361	30.64	400	100	5.258.19	0.48	1.03	
7332	7362	46.97	400	100	921.14	0.08	0.04	
7333	7363	98.33	400	100	210.08	0.02	0	
7334	7364	112.22	400	100	2.113.09	0.19	0.19	
7335	7365	273.81	400	100	1.949.23	0.18	0.16	
7336	7366	151.86	400	100	3.213.51	0.3	0.41	
7337	7367	154.77	400	100	2.678.95	0.25	0.29	
7338	7368	337.55	400	100	1.881.50	0.17	0.15	
7339	7369	121.95	400	100	2.647.84	0.24	0.29	
7340	7370	95.3	400	100	2.589.00	0.24	0.28	
7341	7371	91.2	400	100	2.645.21	0.24	0.29	
7342	7372	41.67	400	100	3.461.82	0.32	0.47	
7343	7373	118.26	400	100	1.412.87	0.13	0.09	
7344	7374	391.41	400	100	1.655.17	0.15	0.12	
7345	7375	264.23	400	100	2.190.09	0.2	0.2	
7346	7376	181.24	400	100	909.30	0.08	0.04	
7347	7377	23	400	100	4.443.56	0.41	0.75	
7348	7378	50.3	400	100	1.947.64	0.18	0.16	
7349	7379	109.62	400	100	2.369.72	0.22	0.23	
7350	7380	77.84	400	100	7.019.39	0.65	1.75	
7351	7381	162.51	400	100	6.993.76	0.64	1.74	
7352	7382	64.3	400	100	4.173.16	0.38	0.67	
7353	7383	214.78	400	100	2.660.80	0.25	0.29	
7354	7384	198.42	400	100	4.146.58	0.38	0.66	
7355	7385	211.42	400	100	2.860.32	0.26	0.33	
7356	7386	315.78	400	100	3.553.64	0.33	0.5	
7357	7387	55.84	400	100	2.585.52	0.24	0.28	
7358	7388	50.37	400	100	2.573.59	0.24	0.27	
7359	7389	263.18	400	100	835.52	0.08	0.03	
7360	7390	278.97	400	100	210.71	0.02	0	
7361	7391	439.81	400	100	190.76	0.02	0	
7362	7392	113.66	400	100	3.171.87	0.29	0.4	
7363	7393	34.94	400	100	2.929.57	0.27	0.35	
7364	7394	38.59	400	100	2.828.72	0.26	0.33	
7365	7395	76.27	400	100	2.512.72	0.23	0.26	
7366	7396	42.63	400	100	2.607.38	0.24	0.28	
7367	7397	36.89	400	100	2.705.54	0.25	0.3	
7368	7398	56.22	400	100	2.415.63	0.22	0.24	
7369	7399	19.34	400	100	2.704.44	0.25	0.3	
7370	7400	94.73	400	100	2.056.41	0.19	0.18	
7371	7401	7.89	400	100	6.377.24	0.59	1.47	
7372	7402	458.14	400	100	370.94	0.03	0.01	
7373	7403	303.73	400	100	2.188.41	0.2	0.2	
7374	7404	261.83	400	100	248.78	0.02	0	
7375	7405	61.36	400	100	1.767.54	0.16	0.14	
7376	7406	166.75	400	100	1.192.63	0.11	0.07	
7377	7407	163.75	400	100	115.27	0.01	0	
7378	7408	399.81	400	100	651.42	0.06	0.02	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
7379	7409	121.41	400	100	2,090.85	0.19	0.19	
7380	7410	16.53	400	100	419.30	0.04	0.01	
7381	7411	83.26	400	100	2,623.37	0.24	0.28	
7382	7412	51.04	400	100	3,074.18	0.28	0.38	
7383	7413	38.96	400	100	3,148.32	0.29	0.4	
7384	7414	39.6	400	100	3,133.62	0.29	0.39	
7385	7415	17.51	400	100	0.00	0	0	
7386	7416	52.41	400	100	376.39	0.03	0.01	
7387	7417	144.42	400	100	1,037.98	0.1	0.05	
7388	7418	105.29	400	100	140.64	0.01	0	
7389	7419	136.2	400	100	239.27	0.02	0	
7390	7420	91.07	400	100	1,788.88	0.16	0.14	
7391	7421	28.22	400	100	3,831.99	0.35	0.57	
7392	7422	106.5	400	100	1,566.74	0.14	0.11	
7393	7423	12.86	400	100	2,065.42	0.19	0.18	
7394	7424	87.57	400	100	2,518.09	0.23	0.26	
7395	7425	35.76	400	100	2,824.97	0.26	0.32	
7396	7426	86.45	400	100	2,948.15	0.27	0.35	
7397	7427	186.36	400	100	544.78	0.05	0.02	
7398	7428	240.57	400	100	1,202.48	0.11	0.07	
7399	7429	289.1	400	100	1,742.53	0.16	0.13	
7400	7430	150.57	400	100	890.72	0.08	0.04	
7401	7431	206.27	400	100	3,614.11	0.33	0.51	
7402	7432	39.21	400	100	2,300.91	0.21	0.22	
7403	7433	87.95	400	100	14.49	0	0	
7404	7434	12.14	400	100	1,029.81	0.09	0.05	
7405	7435	118.43	400	100	2,111.18	0.19	0.19	
7406	7436	128.07	400	100	404.50	0.04	0.01	
7407	7437	221.36	400	100	2,976.03	0.27	0.36	
7408	7438	171.84	400	100	3,146.36	0.29	0.4	
7409	7439	16.59	400	100	2,952.47	0.27	0.35	
7410	7440	56	400	100	3,398.18	0.31	0.46	
7411	7441	37.35	400	100	3,510.65	0.32	0.49	
7412	7442	16.65	400	100	6,857.77	0.63	1.68	
7413	7443	86.83	400	100	5,233.90	0.48	1.02	
7414	7444	19.96	400	100	1,609.48	0.15	0.11	
7415	7445	34.17	400	100	989.92	0.09	0.05	
7416	7446	62.5	400	100	2,218.34	0.2	0.21	
7417	7447	80.25	400	100	686.68	0.06	0.02	
7418	7448	133.04	400	100	96.03	0.01	0	
7419	7449	118.55	400	100	504.92	0.05	0.01	
7420	7450	1584.63	400	100	721.42	0.07	0.03	
7421	7451	150.63	400	100	2,988.28	0.28	0.36	
7422	7452	29.19	400	100	2,833.22	0.26	0.33	
7423	7453	6.12	400	100	169.19	0.02	0	
7424	7454	113.04	400	100	4,352.43	0.4	0.72	
7425	7455	525.75	400	100	1,233.22	0.11	0.07	
7426	7456	162.81	400	100	102.95	0.01	0	
7427	7457	954.98	400	100	0.01	0	0	
7428	7458	62.79	400	100	688.35	0.06	0.02	
7429	7459	153.94	400	100	3,493.27	0.32	0.48	
7430	7460	46.97	400	100	687.61	0.06	0.02	
7431	7461	602.34	400	100	3,595.95	0.33	0.51	
7432	7462	148.56	400	100	248.77	0.02	0	
7433	7463	102.3	400	100	1,922.66	0.18	0.16	
7434	7464	131.35	400	100	273.22	0.03	0	
7435	7465	54.53	350	100	1,331.67	0.16	0.15	
7436	7466	91.2	350	100	2,659.74	0.32	0.56	
7437	7467	109.53	350	100	2,556.41	0.31	0.52	
7438	7468	368.54	350	100	184.43	0.02	0	
7439	7469	191.78	350	100	840.43	0.1	0.07	
7440	7470	105.28	350	100	0.00	0	0	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
7441	7471	201.95	350	100	1.367.96	0.16	0.16	
7442	7472	114.57	350	100	1.069.25	0.13	0.1	
7443	7473	201.87	350	100	931.40	0.11	0.08	
7444	7474	288.72	600	100	5.078.79	0.21	0.13	
7445	7475	282.7	600	100	5.993.45	0.25	0.18	
7446	7476	72.1	350	100	842.69	0.1	0.07	
7447	7477	59.4	350	100	776.92	0.09	0.06	
7448	7478	26.29	350	100	797.38	0.1	0.06	
7449	7479	467.55	350	100	1.172.85	0.14	0.12	
7450	7480	497.33	350	100	1.557.99	0.19	0.21	
7451	7481	887.12	350	100	1.136.94	0.14	0.12	
7452	7482	156.67	350	100	1.637.48	0.2	0.23	
7453	7483	943.45	350	100	959.33	0.12	0.08	
7454	7484	156.14	350	100	1.493.90	0.18	0.19	
7455	7485	52.11	350	100	2.002.36	0.24	0.33	
7456	7486	48.66	350	100	1.083.99	0.13	0.11	
7457	7487	312.11	350	100	152.99	0.02	0	
7458	7488	137.93	350	100	1.564.57	0.19	0.21	
7459	7489	24.19	350	100	1.875.69	0.23	0.29	
7460	7490	985.73	300	100	2.544.54	0.42	1.09	
7461	7491	18.4	300	100	2.544.53	0.42	1.09	
7462	7492	522.48	300	100	1.298.70	0.21	0.31	
7463	7493	319.44	300	100	67.75	0.01	0	
7464	7494	8.47	300	100	764.44	0.13	0.12	
7465	7495	35.08	300	100	1.704.30	0.28	0.52	
7466	7496	169.51	300	100	2.199.60	0.36	0.83	
7467	7497	59.05	300	100	279.46	0.05	0.02	
7468	7498	60.28	300	100	403.72	0.07	0.04	
7469	7499	65.06	300	100	433.82	0.07	0.04	
7470	7500	103.72	300	100	293.76	0.05	0.02	
7471	7501	50.14	300	100	289.30	0.05	0.02	
7472	7502	250.73	300	100	1.446.60	0.24	0.38	
7473	7503	256.29	300	100	893.44	0.15	0.16	
7474	7504	66.75	300	100	1.045.23	0.17	0.21	
7475	7505	105.4	300	100	1.067.33	0.17	0.22	
7476	7506	21.77	300	100	2.583.08	0.42	1.12	
7477	7507	131.78	300	100	175.85	0.03	0.01	
7478	7508	105.96	300	100	1.428.04	0.23	0.37	
7479	7509	113.44	300	100	3.497.24	0.57	1.96	
7480	7510	26.52	300	100	2.430.11	0.4	1	
7481	7511	169.22	300	100	2.234.52	0.37	0.85	
7482	7512	107.11	300	100	2.348.71	0.38	0.94	
7483	7513	47.71	300	100	1.234.61	0.2	0.28	
7484	7514	13.94	300	100	2.749.03	0.45	1.25	
7485	7515	31.68	300	100	0.00	0	0	
7486	7516	237.57	300	100	61.57	0.01	0	
7487	7517	92.8	300	100	220.82	0.04	0.01	
7488	7518	116	300	100	120.84	0.02	0	
7489	7519	247.84	300	100	1.546.98	0.25	0.43	
7490	7520	39.32	300	100	1.663.16	0.27	0.49	
7491	7521	32.7	300	100	2.056.58	0.34	0.73	
7492	7522	120.89	300	100	188.16	0.03	0.01	
7493	7523	127.26	300	100	33.06	0.01	0	
7494	7524	150.44	300	100	1.070.51	0.18	0.22	
7495	7525	48.58	300	100	1.388.13	0.23	0.35	
7496	7526	103.13	300	100	1.478.23	0.24	0.4	
7497	7527	25.05	300	100	2.186.89	0.36	0.82	
7498	7528	120.04	300	100	644.00	0.11	0.09	
7499	7529	73.45	300	100	509.50	0.08	0.06	
7500	7530	19.58	300	100	1.107.90	0.18	0.23	
7501	7531	69.59	300	100	596.95	0.1	0.07	
7502	7532	85.74	300	100	616.35	0.1	0.08	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
7503	7533	92.59	300	100	2,071.62	0.34	0.74	
7504	7534	109.92	300	100	763.14	0.12	0.12	
7505	7535	69.28	300	100	462.35	0.08	0.05	
7506	7536	236.5	300	100	1,719.24	0.28	0.53	
7507	7537	46.74	300	100	1,047.01	0.17	0.21	
7508	7538	85.91	300	100	1,540.72	0.25	0.43	
7509	7539	52.9	300	100	1,732.29	0.28	0.53	
7510	7540	628.74	300	100	1,671.45	0.27	0.5	
7511	7541	34.1	300	100	2,194.49	0.36	0.83	
7512	7542	318.54	300	100	2,592.11	0.42	1.12	
7513	7543	84.32	300	100	1,290.31	0.21	0.31	
7514	7544	65.85	300	100	1,287.20	0.21	0.31	
7515	7545	70.52	300	100	1,218.01	0.2	0.28	
7516	7546	74.94	300	100	1,044.80	0.17	0.21	
7517	7547	1146.52	300	100	0.00	0	0	
7518	7548	100.93	300	100	489.12	0.08	0.05	
7519	7549	56.54	300	100	462.45	0.08	0.05	
7520	7550	146.29	300	100	523.25	0.09	0.06	
7521	7551	305.15	300	100	1,101.58	0.18	0.23	
7522	7552	90.55	300	100	1,861.48	0.3	0.61	
7523	7553	119.57	300	100	1,828.12	0.3	0.59	
7524	7554	44.12	300	100	2,143.88	0.35	0.79	
7525	7555	46.27	300	100	310.19	0.05	0.02	
7526	7556	71.11	300	100	1,027.94	0.17	0.2	
7527	7557	94.03	300	100	1,554.90	0.25	0.44	
7528	7558	68.18	300	100	769.95	0.13	0.12	
7529	7559	126.03	300	100	7.36	0	0	
7530	7560	329.97	300	100	613.22	0.1	0.08	
7531	7561	30.51	300	100	1,085.74	0.18	0.22	
7532	7562	46.25	300	100	1,458.66	0.24	0.39	
7533	7563	63.21	300	100	1,536.69	0.25	0.43	
7534	7564	57.88	300	100	1,506.76	0.25	0.41	
7535	7565	114.8	150	100	160.06	0.1	0.19	
7536	7566	720.41	300	100	1,785.82	0.29	0.56	
7537	7567	170.37	300	100	1,197.66	0.2	0.27	
7538	7568	65.98	300	100	225.19	0.04	0.01	
7539	7569	17.64	150	100	66.65	0.04	0.04	
7540	7570	205.79	300	100	563.79	0.09	0.07	
7541	7571	221.53	300	100	1,819.62	0.3	0.58	
7542	7572	40.13	300	100	2,029.35	0.33	0.71	
7543	7573	44.74	300	100	348.00	0.06	0.03	
7544	7574	77.76	300	100	267.54	0.04	0.02	
7545	7575	93.42	300	100	363.07	0.06	0.03	
7546	7576	39.23	300	100	2,257.67	0.37	0.87	
7547	7577	11.43	300	100	2,267.11	0.37	0.88	
7548	7578	184.84	300	100	293.12	0.05	0.02	
7549	7579	225.6	300	100	275.76	0.05	0.02	
7550	7580	95.63	300	100	1,385.99	0.23	0.35	
7551	7581	62.05	300	100	1,408.59	0.23	0.36	
7552	7582	126.84	300	100	774.31	0.13	0.12	
7553	7583	98.63	300	100	1,474.09	0.24	0.4	
7554	7584	95.07	150	100	267.35	0.18	0.49	
7555	7585	84.89	150	100	399.91	0.26	1.03	
7556	7586	201.85	300	100	166.90	0.03	0.01	
7557	7587	110.41	300	100	51.28	0.01	0	
7558	7588	245.55	300	100	537.70	0.09	0.06	
7559	7589	66.32	300	100	872.00	0.14	0.15	
7560	7590	104.65	300	100	1,016.12	0.17	0.2	
7561	7591	192.38	300	100	1,233.03	0.2	0.28	
7562	7592	94.77	300	100	432.73	0.07	0.04	
7563	7593	99.84	300	100	353.80	0.06	0.03	
7564	7594	179.39	300	100	1,229.69	0.2	0.28	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
7565	7595	107.27	300	100	4,206.04	0.69	2.75	
7566	7596	205.07	300	100	2,668.18	0.44	1.19	
7567	7597	165.25	300	100	1,356.13	0.22	0.34	
7568	7598	297.22	300	100	120.08	0.02	0	
7569	7599	252.85	300	100	501.20	0.08	0.05	
7570	7600	49.52	300	100	1,986.36	0.33	0.69	
7571	7601	170.95	300	100	914.95	0.15	0.16	
7572	7602	162.44	300	100	661.09	0.11	0.09	
7573	7603	199.95	300	100	19.46	0	0	
7574	7604	138.13	300	100	395.57	0.06	0.03	
7575	7605	103.35	300	100	214.44	0.04	0.01	
7576	7606	138.86	300	100	1,154.19	0.19	0.25	
7577	7607	184.91	300	100	1,392.54	0.23	0.36	
7578	7608	32.28	300	100	1,739.85	0.28	0.54	
7579	7609	45.76	300	100	1,017.33	0.17	0.2	
7580	7610	48.13	300	100	2,198.00	0.36	0.83	
7581	7611	64.73	300	100	869.11	0.14	0.15	
7582	7612	167.61	300	100	1,102.54	0.18	0.23	
7583	7613	82.25	300	100	1,756.44	0.29	0.55	
7584	7614	43.98	300	100	227.15	0.04	0.01	
7585	7615	104.25	300	100	962.57	0.16	0.18	
7586	7616	64.53	300	100	566.32	0.09	0.07	
7587	7617	56.17	300	100	2.08	0	0	
7588	7618	57.26	300	100	145.62	0.02	0.01	
7589	7619	51.83	300	100	546.68	0.09	0.06	
7590	7620	43.38	300	100	631.58	0.1	0.08	
7591	7621	56.47	300	100	415.91	0.07	0.04	
7592	7622	73.63	300	100	1,533.20	0.25	0.42	
7593	7623	73.8	300	100	1,711.88	0.28	0.52	
7594	7624	42.17	300	100	1,424.00	0.23	0.37	
7595	7625	63.65	300	100	1,581.31	0.26	0.45	
7596	7626	99.66	300	100	281.33	0.05	0.02	
7597	7627	294.15	300	100	1,219.70	0.2	0.28	
7598	7628	169.74	300	100	858.32	0.14	0.15	
7599	7629	155.86	300	100	115.09	0.02	0	
7600	7630	147.65	250	100	1,272.32	0.3	0.73	
7601	7631	220.5	250	100	1,374.04	0.32	0.84	
7602	7632	43.36	250	100	24.06	0.01	0	
7603	7633	118.28	250	100	39.80	0.01	0	
7604	7634	2.6	250	100	1,525.63	0.36	1.02	
7605	7635	36.43	250	100	658.34	0.16	0.22	
7606	7636	38.83	250	100	207.70	0.05	0.03	
7607	7637	205.21	250	100	457.30	0.11	0.11	
7608	7638	27.62	250	100	573.91	0.14	0.17	
7609	7639	386.47	250	100	478.32	0.11	0.12	
7610	7640	129.26	250	100	901.33	0.21	0.39	
7611	7641	42.99	250	100	49.33	0.01	0	
7612	7642	3.38	250	100	315.61	0.07	0.06	
7613	7643	14.21	250	100	540.76	0.13	0.15	
7614	7644	49.99	200	100	59.41	0.02	0.01	
7615	7645	29.84	250	100	683.77	0.16	0.23	
7616	7646	34.67	200	100	94.27	0.03	0.02	
7617	7647	396.35	200	100	596.15	0.22	0.53	
7618	7648	86.36	200	100	276.84	0.1	0.13	
7619	7649	171.09	200	100	111.90	0.04	0.02	
7620	7650	254.05	200	100	43.81	0.02	0	
7621	7651	156.6	200	100	1,388.78	0.51	2.55	
7622	7652	29.94	200	100	27.67	0.01	0	
7623	7653	77.04	200	100	521.54	0.19	0.42	
7624	7654	21.34	200	100	21.70	0.01	0	
7625	7655	84.29	200	100	462.75	0.17	0.33	
7626	7656	128.29	200	100	473.37	0.17	0.35	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
7627	7657	342.24	200	100	0.43	0	0	
7628	7658	34.26	200	100	20.65	0.01	0	
7629	7659	85.36	200	100	509.75	0.19	0.4	
7630	7660	56.14	200	100	568.11	0.21	0.49	
7631	7661	71.81	200	100	467.62	0.17	0.34	
7632	7662	27.24	200	100	38.14	0.01	0	
7633	7663	27.59	200	100	9.65	0	0	
7634	7664	13.07	200	100	130.52	0.05	0.03	
7635	7665	61.23	200	100	235.08	0.09	0.1	
7636	7666	96.04	200	100	50.00	0.02	0.01	
7637	7667	101.76	200	100	593.48	0.22	0.53	
7638	7668	311.55	200	100	495.04	0.18	0.38	
7639	7669	118.23	200	100	315.35	0.12	0.16	
7640	7670	60.21	200	100	757.36	0.28	0.83	
7641	7671	21.97	200	100	82.98	0.03	0.01	
7642	7672	143.64	200	100	153.15	0.06	0.04	
7643	7673	15.8	200	100	216.43	0.08	0.08	
7644	7674	122.28	200	100	266.17	0.1	0.12	
7645	7675	101.42	200	100	163.48	0.06	0.05	
7646	7676	91.28	200	100	224.96	0.08	0.09	
7647	7677	96.41	200	100	207.25	0.08	0.08	
7648	7678	116.19	200	100	182.60	0.07	0.06	
7649	7679	218.53	200	100	379.40	0.14	0.23	
7650	7680	53.25	200	100	515.35	0.19	0.41	
7651	7681	206.92	200	100	872.69	0.32	1.08	
7652	7682	98.18	200	100	831.60	0.31	0.99	
7653	7683	37.16	200	100	771.56	0.28	0.86	
7654	7684	73.19	200	100	212.20	0.08	0.08	
7655	7685	61.92	200	100	788.96	0.29	0.89	
7656	7686	32.35	200	100	119.23	0.04	0.03	
7657	7687	60.87	200	100	352.18	0.13	0.2	
7658	7688	431.18	200	100	178.30	0.07	0.06	
7659	7689	37.05	200	100	4.31	0	0	
7660	7690	80.61	200	100	627.65	0.23	0.59	
7661	7691	126.99	200	100	544.08	0.2	0.45	
7662	7692	85.02	200	100	1,546.95	0.57	3.11	
7663	7693	17.1	200	100	620.93	0.23	0.57	
7664	7694	114.57	200	100	656.09	0.24	0.64	
7665	7695	104.3	200	100	188.82	0.07	0.06	
7666	7696	53.26	200	100	169.13	0.06	0.05	
7667	7697	114.15	200	100	539.18	0.2	0.44	
7668	7698	125.59	200	100	417.81	0.15	0.28	
7669	7699	58.87	200	100	411.88	0.15	0.27	
7670	7700	21.9	200	100	346.21	0.13	0.19	
7671	7701	99.87	200	100	921.05	0.34	1.19	
7672	7702	55.64	200	100	607.07	0.22	0.55	
7673	7703	64.04	200	100	23.99	0.01	0	
7674	7704	34.66	200	100	131.27	0.05	0.03	
7675	7705	85.56	200	100	203.31	0.07	0.07	
7676	7706	37.62	200	100	113.99	0.04	0.02	
7677	7707	23.69	200	100	167.27	0.06	0.05	
7678	7708	29.75	200	100	316.56	0.12	0.16	
7679	7709	126.16	200	100	221.50	0.08	0.09	
7680	7710	111.8	200	100	146.08	0.05	0.04	
7681	7711	60.9	200	100	186.79	0.07	0.06	
7682	7712	51.96	200	100	146.67	0.05	0.04	
7683	7713	60	200	100	484.17	0.18	0.36	
7684	7714	77.15	200	100	495.61	0.18	0.38	
7685	7715	4.97	200	100	132.77	0.05	0.03	
7686	7716	35.54	200	100	36.70	0.01	0	
7687	7717	122.71	200	100	42.59	0.02	0	
7688	7718	36.15	200	100	45.19	0.02	0	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
7689	7719	119.6	200	100	124.66	0.05	0.03	
7690	7720	36.77	200	100	318.24	0.12	0.17	
7691	7721	97.46	200	100	13.88	0.01	0	
7692	7722	100.26	200	100	73.21	0.03	0.01	
7693	7723	254.84	200	100	103.46	0.04	0.02	
7694	7724	78.15	200	100	56.91	0.02	0.01	
7695	7725	122.78	200	100	170.32	0.06	0.05	
7696	7726	209.45	200	100	687.50	0.25	0.69	
7697	7727	51.01	200	100	45.03	0.02	0	
7698	7728	580.7	200	100	1,078.12	0.4	1.6	
7699	7729	159.27	200	100	160.76	0.06	0.05	
7700	7730	66.61	200	100	199.62	0.07	0.07	
7701	7731	89.32	200	100	375.41	0.14	0.23	
7702	7732	80.86	200	100	541.40	0.2	0.45	
7703	7733	75.35	200	100	1,120.73	0.41	1.71	
7704	7734	44.29	200	100	1,099.47	0.41	1.65	
7705	7735	35.07	200	100	1,244.05	0.46	2.08	
7706	7736	14.91	200	100	248.77	0.09	0.11	
7707	7737	176.18	200	100	138.46	0.05	0.04	
7708	7738	78.53	200	100	155.38	0.06	0.04	
7709	7739	113.42	200	100	873.98	0.32	1.08	
7710	7740	76	200	100	1,055.74	0.39	1.53	
7711	7741	30.35	200	100	851.61	0.31	1.03	
7712	7742	152.25	200	100	60.64	0.02	0.01	
7713	7743	145.29	200	100	173.05	0.06	0.05	
7714	7744	43.56	200	100	282.88	0.1	0.13	
7715	7745	150.72	200	100	242.71	0.09	0.1	
7716	7746	44.99	200	100	216.58	0.08	0.08	
7717	7747	86.01	200	100	418.85	0.15	0.28	
7718	7748	39.6	200	100	883.87	0.33	1.1	
7719	7749	175.22	200	100	1,241.84	0.46	2.07	
7720	7750	151.94	200	100	206.86	0.08	0.07	
7721	7751	112.25	200	100	0.01	0	0	
7722	7752	28.92	200	100	48.43	0.02	0.01	
7723	7753	54.51	200	100	25.47	0.01	0	
7724	7754	5.79	200	100	1,393.11	0.51	2.56	
7725	7755	35.56	200	100	183.08	0.07	0.06	
7726	7756	285.5	200	100	157.85	0.06	0.05	
7727	7757	37.35	200	100	1,562.38	0.58	3.17	
7728	7758	20.33	200	100	656.39	0.24	0.64	
7729	7759	258.1	200	100	270.93	0.1	0.12	
7730	7760	83.19	200	100	333.06	0.12	0.18	
7731	7761	46.35	150	100	160.79	0.11	0.19	
7732	7762	105.8	200	100	251.89	0.09	0.11	
7733	7763	43.04	200	100	242.20	0.09	0.1	
7734	7764	56.52	200	100	683.55	0.25	0.69	
7735	7765	101.31	200	100	27.55	0.01	0	
7736	7766	103.7	200	100	274.71	0.1	0.13	
7737	7767	50.04	200	100	66.75	0.02	0.01	
7738	7768	89.5	200	100	288.54	0.11	0.14	
7739	7769	47.94	200	100	294.79	0.11	0.14	
7740	7770	46.26	200	100	169.65	0.06	0.05	
7741	7771	55.65	200	100	90.80	0.03	0.02	
7742	7772	126.57	200	100	390.83	0.14	0.24	
7743	7773	87.85	200	100	387.15	0.14	0.24	
7744	7774	110.69	200	100	439.49	0.16	0.3	
7745	7775	98.59	200	100	366.91	0.14	0.22	
7746	7776	107.95	200	100	516.56	0.19	0.41	
7747	7777	113.22	200	100	193.65	0.07	0.07	
7748	7778	147.07	200	100	107.41	0.04	0.02	
7749	7779	136.75	200	100	249.88	0.09	0.11	
7750	7780	207.02	200	100	155.28	0.06	0.04	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
7751	7781	101.12	200	100	321.09	0.12	0.17	
7752	7782	67.86	200	100	7.71	0	0	
7753	7783	189.54	200	100	326.64	0.12	0.17	
7754	7784	81.46	200	100	104.11	0.04	0.02	
7755	7785	101.78	200	100	217.59	0.08	0.08	
7756	7786	272.92	200	100	93.33	0.03	0.02	
7757	7787	113.68	200	100	494.05	0.18	0.38	
7758	7788	108.4	200	100	620.16	0.23	0.57	
7759	7789	36.39	200	100	817.33	0.3	0.95	
7760	7790	106.48	200	100	268.25	0.1	0.12	
7761	7791	94.69	200	100	76.02	0.03	0.01	
7762	7792	98.05	200	100	287.21	0.11	0.14	
7763	7793	100.44	200	100	284.85	0.1	0.14	
7764	7794	198.29	200	100	192.48	0.07	0.07	
7765	7795	122.31	200	100	341.01	0.13	0.19	
7766	7796	97.89	200	100	329.93	0.12	0.18	
7767	7797	87.26	200	100	1,826.38	0.67	4.23	
7768	7798	103.93	200	100	1,564.89	0.58	3.18	
7769	7799	1.7	200	100	127.94	0.05	0.03	
7770	7800	96.2	200	100	353.74	0.13	0.2	
7771	7801	221.1	200	100	167.19	0.06	0.05	
7772	7802	181.37	200	100	71.89	0.03	0.01	
7773	7803	23.41	150	100	35.10	0.02	0.01	
7774	7804	26.03	200	100	72.60	0.03	0.01	
7775	7805	28.32	200	100	154.11	0.06	0.04	
7776	7806	17.16	200	100	503.58	0.19	0.39	
7777	7807	113.05	200	100	47.73	0.02	0	
7778	7808	99.51	200	100	103.09	0.04	0.02	
7779	7809	54.3	200	100	1,604.63	0.59	3.33	
7780	7810	186.41	200	100	334.24	0.12	0.18	
7781	7811	99.33	200	100	225.00	0.08	0.09	
7782	7812	149.15	200	100	380.68	0.14	0.23	
7783	7813	151.49	200	100	243.94	0.09	0.1	
7784	7814	163.87	200	100	78.51	0.03	0.01	
7785	7815	494.67	200	100	563.10	0.21	0.48	
7786	7816	166.18	200	100	607.89	0.22	0.55	
7787	7817	224.73	200	100	597.99	0.22	0.54	
7788	7818	83.44	200	100	786.12	0.29	0.89	
7789	7819	88.46	200	100	457.70	0.17	0.33	
7790	7820	76.2	200	100	368.79	0.14	0.22	
7791	7821	48.98	200	100	389.39	0.14	0.24	
7792	7822	53.12	200	100	496.00	0.18	0.38	
7793	7823	54.09	200	100	489.69	0.18	0.37	
7794	7824	24.72	200	100	523.27	0.19	0.42	
7795	7825	148.95	200	100	956.89	0.35	1.28	
7796	7826	26.99	200	100	1,629.28	0.6	3.43	
7797	7827	72.45	200	100	936.18	0.34	1.23	
7798	7828	123.08	200	100	644.59	0.24	0.62	
7799	7829	109.68	200	100	1,060.31	0.39	1.55	
7800	7830	415.59	200	100	643.38	0.24	0.61	
7801	7831	44.19	200	100	389.82	0.14	0.24	
7802	7832	115.65	200	100	57.10	0.02	0.01	
7803	7833	60.03	200	100	558.97	0.21	0.47	
7804	7834	190.93	200	100	387.22	0.14	0.24	
7805	7835	13.31	200	100	1,899.46	0.7	4.55	
7806	7836	246.92	200	100	173.68	0.06	0.05	
7807	7837	115.48	200	100	41.37	0.02	0	
7808	7838	134.5	200	100	48.77	0.02	0.01	
7809	7839	115.41	200	100	20.44	0.01	0	
7810	7840	172.15	200	100	798.15	0.29	0.91	
7811	7841	265.12	200	100	1,141.35	0.42	1.77	
7812	7842	67.22	200	100	394.24	0.15	0.25	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
7813	7843	129.59	200	100	313.69	0.12	0.16	
7814	7844	99.61	200	100	390.74	0.14	0.24	
7815	7845	170.82	200	100	560.41	0.21	0.47	
7816	7846	127.13	200	100	1,178.78	0.43	1.88	
7817	7847	112.85	200	100	512.49	0.19	0.4	
7818	7848	85.78	200	100	6.35	0	0	
7819	7849	103.44	200	100	55.47	0.02	0.01	
7820	7850	647.81	200	100	936.62	0.35	1.23	
7821	7851	213.46	200	100	191.37	0.07	0.06	
7822	7852	115.11	200	100	735.76	0.27	0.79	
7823	7853	20.38	200	100	535.73	0.2	0.44	
7824	7854	370.93	200	100	154.33	0.06	0.04	
7825	7855	155.27	200	100	248.77	0.09	0.11	
7826	7856	39.96	200	100	140.81	0.05	0.04	
7827	7857	72.88	200	100	979.53	0.36	1.34	
7828	7858	44.32	200	100	46.65	0.02	0	
7829	7859	134.89	200	100	72.49	0.03	0.01	
7830	7860	59.63	200	100	308.60	0.11	0.16	
7831	7861	138.84	200	100	194.09	0.07	0.07	
7832	7862	71.14	200	100	76.00	0.03	0.01	
7833	7863	27.27	200	100	867.49	0.32	1.07	
7834	7864	12.78	200	100	2,175.63	0.8	5.85	
7835	7865	85.06	200	100	302.64	0.11	0.15	
7836	7866	6.88	200	100	2,127.02	0.78	5.61	
7837	7867	200.68	200	100	1,441.04	0.53	2.73	
7838	7868	117.74	200	100	80.66	0.03	0.01	
7839	7869	17.4	150	100	135.15	0.09	0.14	
7840	7870	655.86	150	100	96.86	0.06	0.07	
7841	7871	499.09	100	100	8.72	0.01	0.01	
7842	7872	46.22	150	100	62.99	0.04	0.03	
7843	7873	39.77	150	100	24.72	0.02	0.01	
7844	7874	26.63	150	100	115.11	0.08	0.1	
7845	7875	78.49	150	100	60.43	0.04	0.03	
7846	7876	114.56	150	100	56.76	0.04	0.03	
7847	7877	65.15	100	100	22.14	0.03	0.03	
7848	7878	47.28	150	100	56.71	0.04	0.03	
7849	7879	100.72	150	100	301.31	0.2	0.61	
7850	7880	84.09	150	100	194.71	0.13	0.27	
7851	7881	15.45	150	100	31.11	0.02	0.01	
7852	7882	46.21	150	100	233.72	0.15	0.38	
7853	7883	57.44	150	100	122.48	0.08	0.12	
7854	7884	15.53	150	100	26.83	0.02	0.01	
7855	7885	30.92	150	100	32.72	0.02	0.01	
7856	7886	42.83	150	100	14.78	0.01	0	
7857	7887	24.17	150	100	1.19	0	0	
7858	7888	5.12	150	100	56.22	0.04	0.03	
7859	7889	20.17	150	100	21.66	0.01	0	
7860	7890	46.54	150	100	36.68	0.02	0.01	
7861	7891	98.07	150	100	48.46	0.03	0.02	
7862	7892	37.37	150	100	249.13	0.16	0.43	
7863	7893	63.29	150	100	490.04	0.32	1.5	
7864	7894	74.75	150	100	10.09	0.01	0	
7865	7895	62.87	150	100	284.39	0.19	0.55	
7866	7896	141.43	150	100	6.28	0	0	
7867	7897	147.91	150	100	184.07	0.12	0.25	
7868	7898	203.46	150	100	68.08	0.04	0.04	
7869	7899	118.61	150	100	170.58	0.11	0.21	
7870	7900	192.55	150	100	49.23	0.03	0.02	
7871	7901	111.41	150	100	39.14	0.03	0.01	
7872	7902	45.31	150	100	61.45	0.04	0.03	
7873	7903	45.07	150	100	214.73	0.14	0.33	
7874	7904	108.37	150	100	555.59	0.36	1.9	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
7875	7905	52.84	150	100	221.34	0.14	0.35	
7876	7906	51.52	150	100	197.44	0.13	0.28	
7877	7907	269.29	150	100	143.21	0.09	0.15	
7878	7908	70.02	150	100	59.08	0.04	0.03	
7879	7909	86.43	150	100	45.90	0.03	0.02	
7880	7910	114.42	150	100	215.89	0.14	0.33	
7881	7911	112.28	150	100	103.40	0.07	0.08	
7882	7912	95.45	150	100	39.11	0.03	0.01	
7883	7913	38.5	150	100	326.90	0.21	0.71	
7884	7914	71.04	150	100	17.16	0.01	0	
7885	7915	93.62	150	100	146.43	0.1	0.16	
7886	7916	145.91	150	100	465.78	0.31	1.37	
7887	7917	62.03	150	100	401.38	0.26	1.04	
7888	7918	70.17	150	100	366.35	0.24	0.88	
7889	7919	42.76	150	100	187.55	0.12	0.25	
7890	7920	124.05	150	100	377.41	0.25	0.93	
7891	7921	49.47	150	100	130.27	0.09	0.13	
7892	7922	32.59	150	100	227.74	0.15	0.36	
7893	7923	118.21	150	100	50.23	0.03	0.02	
7894	7924	89.14	150	100	271.16	0.18	0.5	
7895	7925	311.13	150	100	10.59	0.01	0	
7896	7926	45.78	150	100	189.42	0.12	0.26	
7897	7927	168.88	150	100	214.77	0.14	0.33	
7898	7928	70.07	150	100	116.32	0.08	0.1	
7899	7929	146.18	150	100	94.29	0.06	0.07	
7900	7930	82.72	150	100	2.63	0	0	
7901	7931	267.79	150	100	185.77	0.12	0.25	
7902	7932	54.77	150	100	71.15	0.05	0.04	
7903	7933	48.41	150	100	107.72	0.07	0.09	
7904	7934	73.91	150	100	226.81	0.15	0.36	
7905	7935	82.18	150	100	255.74	0.17	0.45	
7906	7936	127.72	150	100	45.25	0.03	0.02	
7907	7937	70.26	150	100	515.84	0.34	1.65	
7908	7938	245.1	150	100	319.17	0.21	0.68	
7909	7939	115.32	150	100	56.86	0.04	0.03	
7910	7940	25.38	150	100	103.80	0.07	0.09	
7911	7941	92.68	150	100	29.49	0.02	0.01	
7912	7942	119.02	150	100	54.11	0.04	0.03	
7913	7943	86.27	150	100	6.75	0	0	
7914	7944	107.96	150	100	106.41	0.07	0.09	
7915	7945	65.85	150	100	26.84	0.02	0.01	
7916	7946	9.76	150	100	476.74	0.31	1.43	
7917	7947	52.03	150	100	241.00	0.16	0.4	
7918	7948	37.03	150	100	180.11	0.12	0.24	
7919	7949	114.32	150	100	96.80	0.06	0.07	
7920	7950	59.9	150	100	48.58	0.03	0.02	
7921	7951	80.11	150	100	66.67	0.04	0.04	
7922	7952	50.58	150	100	104.84	0.07	0.09	
7923	7953	95.2	150	100	237.65	0.16	0.39	
7924	7954	54.66	150	100	67.37	0.04	0.04	
7925	7955	35.8	150	100	197.12	0.13	0.28	
7926	7956	82.28	150	100	119.44	0.08	0.11	
7927	7957	54.08	150	100	253.91	0.17	0.44	
7928	7958	47.74	150	100	96.97	0.06	0.07	
7929	7959	85.92	150	100	258.13	0.17	0.46	
7930	7960	38.2	150	100	322.13	0.21	0.69	
7931	7961	16.54	150	100	13.67	0.01	0	
7932	7962	51.36	150	100	239.08	0.16	0.4	
7933	7963	212.39	150	100	85.69	0.06	0.06	
7934	7964	1.55	150	100	174.51	0.11	0.22	
7935	7965	50.99	150	100	29.06	0.02	0.01	
7936	7966	16.79	150	100	234.10	0.15	0.38	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
7937	7967	30.49	150	100	180.25	0.12	0.24	
7938	7968	23.8	150	100	153.05	0.1	0.17	
7939	7969	130.93	150	100	209.15	0.14	0.31	
7940	7970	47.27	150	100	298.67	0.2	0.6	
7941	7971	33.85	150	100	189.92	0.12	0.26	
7942	7972	106.78	150	100	158.92	0.1	0.19	
7943	7973	37.52	150	100	215.96	0.14	0.33	
7944	7974	38.07	150	100	244.41	0.16	0.41	
7945	7975	48.01	150	100	51.51	0.03	0.02	
7946	7976	43.44	150	100	141.28	0.09	0.15	
7947	7977	31.03	150	100	138.32	0.09	0.14	
7948	7978	84.21	150	100	107.65	0.07	0.09	
7949	7979	45.48	150	100	197.69	0.13	0.28	
7950	7980	350.1	150	100	113.85	0.07	0.1	
7951	7981	49.61	150	100	280.96	0.18	0.54	
7952	7982	89.05	150	100	65.68	0.04	0.04	
7953	7983	47.16	150	100	121.52	0.08	0.11	
7954	7984	52.22	150	100	226.25	0.15	0.36	
7955	7985	123.17	150	100	144.44	0.09	0.16	
7956	7986	164.5	150	100	271.50	0.18	0.5	
7957	7987	48.85	150	100	198.81	0.13	0.28	
7958	7988	253.1	150	100	22.29	0.01	0	
7959	7989	30.64	150	100	479.94	0.31	1.45	
7960	7990	172.36	150	100	716.96	0.47	3.04	
7961	7991	7.1	150	100	370.91	0.24	0.9	
7962	7992	139.14	150	100	97.86	0.06	0.08	
7963	7993	77.54	150	100	274.06	0.18	0.51	
7964	7994	43.7	150	100	190.42	0.12	0.26	
7965	7995	41.15	150	100	73.42	0.05	0.04	
7966	7996	89.8	150	100	226.43	0.15	0.36	
7967	7997	61.71	150	100	209.04	0.14	0.31	
7968	7998	84.13	150	100	173.75	0.11	0.22	
7969	7999	81.47	150	100	115.61	0.08	0.1	
7970	8000	38.08	150	100	162.07	0.11	0.19	
7971	8001	49.45	150	100	62.16	0.04	0.03	
7972	8002	51.14	150	100	60.26	0.04	0.03	
7973	8003	25.2	150	100	111.81	0.07	0.1	
7974	8004	149.76	150	100	179.90	0.12	0.24	
7975	8005	56.99	150	100	21.43	0.01	0	
7976	8006	130.28	150	100	18.69	0.01	0	
7977	8007	153.16	150	100	69.60	0.05	0.04	
7978	8008	174.21	150	100	18.16	0.01	0	
7979	8009	72.02	150	100	148.76	0.1	0.17	
7980	8010	90	150	100	133.47	0.09	0.14	
7981	8011	146.12	150	100	879.40	0.58	4.44	
7982	8012	115.03	150	100	39.73	0.03	0.01	
7983	8013	72.09	150	100	139.35	0.09	0.15	
7984	8014	72.84	150	100	455.82	0.3	1.32	
7985	8015	69.33	150	100	261.76	0.17	0.47	
7986	8016	24.75	150	100	272.76	0.18	0.51	
7987	8017	217.58	150	100	185.29	0.12	0.25	
7988	8018	53.41	150	100	12.24	0.01	0	
7989	8019	82.16	150	100	94.60	0.06	0.07	
7990	8020	122.22	150	100	169.47	0.11	0.21	
7991	8021	134.35	150	100	180.51	0.12	0.24	
7992	8022	195.88	150	100	405.52	0.27	1.06	
7993	8023	34.09	150	100	306.48	0.2	0.63	
7994	8024	101.68	150	100	286.43	0.19	0.56	
7995	8025	85.44	150	100	35.00	0.02	0.01	
7996	8026	39.69	150	100	30.06	0.02	0.01	
7997	8027	231.16	150	100	114.26	0.07	0.1	
7998	8028	140.3	150	100	204.40	0.13	0.3	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
7999	8029	121.36	150	100	280.55	0.18	0.54	
8000	8030	131.82	150	100	10.80	0.01	0	
8001	8031	33.91	150	100	122.60	0.08	0.12	
8002	8032	38.37	150	100	196.70	0.13	0.28	
8003	8033	262.26	150	100	312.04	0.2	0.65	
8004	8034	41.28	150	100	266.78	0.17	0.49	
8005	8035	56.64	150	100	305.86	0.2	0.63	
8006	8036	188.55	150	100	402.80	0.26	1.05	
8007	8037	162.2	150	100	25.98	0.02	0.01	
8008	8038	232.48	150	100	6.46	0	0	
8009	8039	42.48	150	100	72.47	0.05	0.04	
8010	8040	41.81	150	100	108.26	0.07	0.09	
8011	8041	116.31	150	100	63.21	0.04	0.03	
8012	8042	6.34	150	100	1,217.44	0.8	8.11	
8013	8043	406.53	150	100	255.57	0.17	0.45	
8014	8044	76.3	150	100	166.14	0.11	0.2	
8015	8045	42.42	150	100	304.06	0.2	0.62	
8016	8046	26.71	150	100	236.58	0.15	0.39	
8017	8047	39.72	150	100	195.03	0.13	0.27	
8018	8048	128.26	150	100	227.41	0.15	0.36	
8019	8049	105.56	150	100	213.87	0.14	0.32	
8020	8050	80.42	150	100	293.29	0.19	0.58	
8021	8051	184.97	150	100	360.74	0.24	0.85	
8022	8052	87.42	150	100	316.48	0.21	0.67	
8023	8053	35.77	150	100	336.27	0.22	0.75	
8024	8054	192.5	150	100	184.60	0.12	0.25	
8025	8055	108.15	150	100	129.19	0.08	0.13	
8026	8056	40.36	150	100	105.65	0.07	0.09	
8027	8057	53.22	150	100	221.30	0.14	0.35	
8028	8058	242.92	150	100	111.49	0.07	0.1	
8029	8059	223.18	150	100	329.49	0.22	0.72	
8030	8060	38.19	150	100	180.71	0.12	0.24	
8031	8061	128.86	150	100	337.87	0.22	0.76	
8032	8062	117.6	150	100	126.86	0.08	0.12	
8033	8063	133.92	150	100	113.19	0.07	0.1	
8034	8064	47.2	150	100	51.04	0.03	0.02	
8035	8065	54.48	150	100	21.94	0.01	0	
8036	8066	94.28	150	100	55.37	0.04	0.03	
8037	8067	66.36	150	100	121.13	0.08	0.11	
8038	8068	85.27	150	100	160.57	0.11	0.19	
8039	8069	35.26	150	100	219.14	0.14	0.34	
8040	8070	52.64	150	100	163.30	0.11	0.2	
8041	8071	219.14	150	100	74.79	0.05	0.05	
8042	8072	63.28	150	100	69.12	0.05	0.04	
8043	8073	53.24	150	100	64.58	0.04	0.04	
8044	8074	50.29	150	100	213.17	0.14	0.32	
8045	8075	8	150	100	482.74	0.32	1.46	
8046	8076	147.11	150	100	393.26	0.26	1	
8047	8077	146.13	150	100	318.77	0.21	0.68	
8048	8078	48.14	150	100	258.77	0.17	0.46	
8049	8079	81.97	150	100	151.58	0.1	0.17	
8050	8080	66.65	150	100	350.82	0.23	0.81	
8051	8081	93.14	150	100	451.40	0.3	1.29	
8052	8082	90.63	150	100	308.42	0.2	0.64	
8053	8083	47.59	150	100	55.81	0.04	0.03	
8054	8084	74.84	150	100	387.42	0.25	0.97	
8055	8085	158.48	150	100	240.89	0.16	0.4	
8056	8086	78.43	150	100	205.66	0.13	0.3	
8057	8087	43.77	150	100	201.39	0.13	0.29	
8058	8088	53.49	150	100	464.77	0.3	1.36	
8059	8089	60.17	150	100	401.92	0.26	1.04	
8060	8090	45.51	150	100	88.73	0.06	0.06	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
8061	8091	148.55	150	100	165.42	0.11	0.2	
8062	8092	106.16	150	100	83.24	0.05	0.06	
8063	8093	50.1	150	100	83.97	0.05	0.06	
8064	8094	123.46	150	100	51.63	0.03	0.02	
8065	8095	6.53	150	100	320.52	0.21	0.69	
8066	8096	3.49	150	100	289.43	0.19	0.57	
8067	8097	21.9	150	100	336.86	0.22	0.75	
8068	8098	196.26	150	100	89.35	0.06	0.06	
8069	8099	63.3	150	100	503.61	0.33	1.58	
8070	8100	138.32	150	100	65.87	0.04	0.04	
8071	8101	274.9	150	100	11.83	0.01	0	
8072	8102	49.93	150	100	79.51	0.05	0.05	
8073	8103	17.59	150	100	29.69	0.02	0.01	
8074	8104	157.88	150	100	242.41	0.16	0.41	
8075	8105	57.4	150	100	200.71	0.13	0.29	
8076	8106	5.69	150	100	8.06	0.01	0	
8077	8107	204.75	150	100	586.43	0.38	2.1	
8078	8108	55.77	150	100	33.38	0.02	0.01	
8079	8109	52.05	150	100	289.17	0.19	0.57	
8080	8110	43.76	150	100	173.00	0.11	0.22	
8081	8111	141.61	150	100	73.84	0.05	0.05	
8082	8112	129.38	150	100	37.43	0.02	0.01	
8083	8113	132.66	150	100	80.54	0.05	0.05	
8084	8114	135.36	150	100	97.07	0.06	0.07	
8085	8115	47.22	150	100	9.31	0.01	0	
8086	8116	42.48	150	100	3.33	0	0	
8087	8117	256.97	150	100	10.07	0.01	0	
8088	8118	41.74	150	100	22.43	0.01	0	
8089	8119	112.21	150	100	338.49	0.22	0.76	
8090	8120	145.76	150	100	81.82	0.05	0.05	
8091	8121	21.59	150	100	659.36	0.43	2.61	
8092	8122	23.9	150	100	558.08	0.37	1.91	
8093	8123	43.61	150	100	465.87	0.31	1.37	
8094	8124	46.69	150	100	58.45	0.04	0.03	
8095	8125	99.67	150	100	345.49	0.23	0.79	
8096	8126	52.57	150	100	396.82	0.26	1.02	
8097	8127	72.81	150	100	204.58	0.13	0.3	
8098	8128	64.41	150	100	258.05	0.17	0.46	
8099	8129	8.61	150	100	240.72	0.16	0.4	
8100	8130	90.81	150	100	74.48	0.05	0.05	
8101	8131	98.99	150	100	163.06	0.11	0.2	
8102	8132	26.73	150	100	76.70	0.05	0.05	
8103	8133	118.98	150	100	169.57	0.11	0.21	
8104	8134	59.31	150	100	19.19	0.01	0	
8105	8135	169.23	150	100	50.59	0.03	0.02	
8106	8136	94.38	150	100	51.06	0.03	0.02	
8107	8137	89.41	150	100	8.80	0.01	0	
8108	8138	168.81	150	100	33.33	0.02	0.01	
8109	8139	280.14	150	100	41.36	0.03	0.02	
8110	8140	90.75	150	100	144.20	0.09	0.16	
8111	8141	42.91	150	100	0.59	0	0	
8112	8142	148.82	150	100	171.19	0.11	0.21	
8113	8143	35.17	150	100	37.16	0.02	0.01	
8114	8144	33.51	150	100	65.30	0.04	0.04	
8115	8145	99.02	150	100	51.64	0.03	0.02	
8116	8146	53.14	150	100	537.72	0.35	1.79	
8117	8147	66.75	150	100	16.56	0.01	0	
8118	8148	63.6	150	100	85.68	0.06	0.06	
8119	8149	69.12	150	100	327.52	0.21	0.71	
8120	8150	46.72	150	100	59.94	0.04	0.03	
8121	8151	48.94	150	100	487.70	0.32	1.49	
8122	8152	49.8	150	100	162.05	0.11	0.19	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
8123	8153	29.9	150	100	230.21	0.15	0.37	
8124	8154	56.82	150	100	120.05	0.08	0.11	
8125	8155	11.78	150	100	570.38	0.37	1.99	
8126	8156	31.05	150	100	15.25	0.01	0	
8127	8157	41.93	150	100	73.49	0.05	0.04	
8128	8158	45.89	150	100	74.96	0.05	0.05	
8129	8159	188.69	150	100	131.18	0.09	0.13	
8130	8160	98.99	150	100	6.25	0	0	
8131	8161	49.54	150	100	6.18	0	0	
8132	8162	38.99	150	100	65.26	0.04	0.04	
8133	8163	72.95	150	100	22.91	0.02	0.01	
8134	8164	23.41	150	100	368.00	0.24	0.88	
8135	8165	55.12	150	100	295.48	0.19	0.59	
8136	8166	50.37	150	100	29.94	0.02	0.01	
8137	8167	68.53	150	100	74.82	0.05	0.05	
8138	8168	36.92	900	100	7,573.93	0.14	0.04	
8139	8169	87.14	150	100	161.15	0.11	0.19	
8140	8170	57	150	100	176.93	0.12	0.23	
8141	8171	41.99	150	100	13.30	0.01	0	
8142	8172	47.14	150	100	201.31	0.13	0.29	
8143	8173	48.02	150	100	167.93	0.11	0.21	
8144	8174	46.41	150	100	119.35	0.08	0.11	
8145	8175	46.92	150	100	258.81	0.17	0.46	
8146	8176	46.64	150	100	74.31	0.05	0.05	
8147	8177	53.35	150	100	52.89	0.03	0.02	
8148	8178	50.35	150	100	28.81	0.02	0.01	
8149	8179	47.95	150	100	109.09	0.07	0.09	
8150	8180	96.98	150	100	36.77	0.02	0.01	
8151	8181	46.98	150	100	96.75	0.06	0.07	
8152	8182	23.98	150	100	21.41	0.01	0	
8153	8183	46.4	150	100	147.34	0.1	0.16	
8154	8184	48.05	150	100	78.24	0.05	0.05	
8155	8185	98.85	150	100	116.06	0.08	0.1	
8156	8186	127.74	150	100	17.96	0.01	0	
8157	8187	49.64	150	100	121.66	0.08	0.11	
8158	8188	47.47	150	100	119.08	0.08	0.11	
8159	8189	86.68	150	100	75.06	0.05	0.05	
8160	8190	136.29	150	100	88.73	0.06	0.06	
8161	8191	303.98	150	100	195.47	0.13	0.27	
8162	8192	71.43	150	100	41.38	0.03	0.02	
8163	8193	166.91	150	100	550.43	0.36	1.86	
8164	8194	33.5	150	100	349.35	0.23	0.8	
8165	8195	50.57	150	100	176.33	0.12	0.23	
8166	8196	35.64	150	100	23.48	0.02	0.01	
8167	8197	42.07	150	100	147.96	0.1	0.16	
8168	8198	40.67	150	100	196.06	0.13	0.28	
8169	8199	44.76	150	100	51.41	0.03	0.02	
8170	8200	52.42	150	100	579.29	0.38	2.05	
8171	8201	36.86	150	100	110.67	0.07	0.1	
8172	8202	53.06	150	100	80.94	0.05	0.05	
8173	8203	134.31	150	100	24.50	0.02	0.01	
8174	8204	54.12	150	100	64.97	0.04	0.04	
8175	8205	79.79	150	100	190.13	0.12	0.26	
8176	8206	24.57	150	100	184.86	0.12	0.25	
8177	8207	50.68	150	100	171.15	0.11	0.21	
8178	8208	25.43	150	100	160.10	0.1	0.19	
8179	8209	20.51	150	100	93.29	0.06	0.07	
8180	8210	38.91	150	100	155.19	0.1	0.18	
8181	8211	74.01	150	100	99.70	0.07	0.08	
8182	8212	44.06	150	100	126.42	0.08	0.12	
8183	8213	76.16	150	100	17.48	0.01	0	
8184	8214	24.24	100	100	8.56	0.01	0.01	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
8185	8215	81.29	150	100	60.91	0.04	0.03	
8186	8216	67.35	150	100	214.09	0.14	0.32	
8187	8217	73.48	150	100	117.53	0.08	0.11	
8188	8218	47.18	150	100	20.98	0.01	0	
8189	8219	43.06	150	100	72.38	0.05	0.04	
8190	8220	40.29	150	100	94.99	0.06	0.07	
8191	8221	34.72	150	100	159.49	0.1	0.19	
8192	8222	31.75	150	100	161.64	0.11	0.19	
8193	8223	35.45	150	100	227.36	0.15	0.36	
8194	8224	52.97	150	100	38.28	0.03	0.01	
8195	8225	34.22	150	100	20.89	0.01	0	
8196	8226	39.33	150	100	25.46	0.02	0.01	
8197	8227	20.21	150	100	88.89	0.06	0.06	
8198	8228	85.68	150	100	68.64	0.04	0.04	
8199	8229	140.5	150	100	49.53	0.03	0.02	
8200	8230	46.86	150	100	65.75	0.04	0.04	
8201	8231	51.74	150	100	339.44	0.22	0.76	
8202	8232	5.25	150	100	169.19	0.11	0.21	
8203	8233	94.73	150	100	277.64	0.18	0.53	
8204	8234	411.32	150	100	262.27	0.17	0.47	
8205	8235	61.41	150	100	97.49	0.06	0.08	
8206	8236	284.92	150	100	197.15	0.13	0.28	
8207	8237	43.38	150	100	214.72	0.14	0.33	
8208	8238	84.42	150	100	26.19	0.02	0.01	
8209	8239	108.64	150	100	139.92	0.09	0.15	
8210	8240	52.05	150	100	166.33	0.11	0.2	
8211	8241	40.55	150	100	2.89	0	0	
8212	8242	77.67	150	100	10.27	0.01	0	
8213	8243	46.9	150	100	83.02	0.05	0.06	
8214	8244	49.57	150	100	178.54	0.12	0.23	
8215	8245	33.51	150	100	420.78	0.28	1.13	
8216	8246	94.14	150	100	88.73	0.06	0.06	
8217	8247	75.2	150	100	6.54	0	0	
8218	8248	133.55	150	100	22.98	0.02	0.01	
8219	8249	39.78	150	100	35.65	0.02	0.01	
8220	8250	43.61	150	100	73.84	0.05	0.05	
8221	8251	35.8	150	100	136.06	0.09	0.14	
8222	8252	39.57	150	100	164.12	0.11	0.2	
8223	8253	40.02	150	100	277.94	0.18	0.53	
8224	8254	112.26	150	100	108.40	0.07	0.09	
8225	8255	118.99	150	100	230.48	0.15	0.37	
8226	8256	99.96	150	100	193.29	0.13	0.27	
8227	8257	63.68	150	100	198.47	0.13	0.28	
8228	8258	251.25	150	100	107.06	0.07	0.09	
8229	8259	108.59	150	100	21.08	0.01	0	
8230	8260	82.11	150	100	189.61	0.12	0.26	
8231	8261	43.35	150	100	233.72	0.15	0.38	
8232	8262	43.24	150	100	11.35	0.01	0	
8233	8263	36.84	150	100	22.07	0.01	0	
8234	8264	162.28	150	100	0.31	0	0	
8235	8265	102.55	150	100	22.15	0.01	0	
8236	8266	37.83	150	100	14.44	0.01	0	
8237	8267	53.05	150	100	76.96	0.05	0.05	
8238	8268	59.36	150	100	47.72	0.03	0.02	
8239	8269	47.67	150	100	5.60	0	0	
8240	8270	101.24	150	100	22.92	0.02	0.01	
8241	8271	63.66	150	100	181.45	0.12	0.24	
8242	8272	88.94	150	100	266.24	0.17	0.49	
8243	8273	36.18	150	100	188.21	0.12	0.26	
8244	8274	39.71	150	100	167.13	0.11	0.21	
8245	8275	138.78	150	100	174.40	0.11	0.22	
8246	8276	110.3	150	100	329.48	0.22	0.72	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
8247	8277	74.58	150	100	282.57	0.19	0.54	
8248	8278	38.56	150	100	93.09	0.06	0.07	
8249	8279	78.17	150	100	142.95	0.09	0.15	
8250	8280	75.09	150	100	442.77	0.29	1.25	
8251	8281	33.21	150	100	327.53	0.21	0.71	
8252	8282	105.89	150	100	88.62	0.06	0.06	
8253	8283	83.95	150	100	117.01	0.08	0.11	
8254	8284	70.55	150	100	100.60	0.07	0.08	
8255	8285	29.66	150	100	200.28	0.13	0.29	
8256	8286	73.77	150	100	29.92	0.02	0.01	
8257	8287	116.32	150	100	131.33	0.09	0.13	
8258	8288	204.5	150	100	84.59	0.06	0.06	
8259	8289	38.98	150	100	146.61	0.1	0.16	
8260	8290	116	150	100	10.82	0.01	0	
8261	8291	68.63	150	100	213.69	0.14	0.32	
8262	8292	40.1	150	100	27.17	0.02	0.01	
8263	8293	107.96	150	100	33.28	0.02	0.01	
8264	8294	37.23	150	100	191.68	0.13	0.26	
8265	8295	41.58	150	100	193.26	0.13	0.27	
8266	8296	39.49	150	100	167.08	0.11	0.2	
8267	8297	109.38	150	100	19.62	0.01	0	
8268	8298	162.61	150	100	12.36	0.01	0	
8269	8299	207.61	150	100	54.77	0.04	0.03	
8270	8300	35.97	150	100	126.83	0.08	0.12	
8271	8301	55.69	150	100	5.87	0	0	
8272	8302	68.62	150	100	59.15	0.04	0.03	
8273	8303	15.35	150	100	42.76	0.03	0.02	
8274	8304	12.57	150	100	239.01	0.16	0.4	
8275	8305	89.93	150	100	16.38	0.01	0	
8276	8306	97.58	150	100	27.81	0.02	0.01	
8277	8307	99.4	150	100	222.29	0.15	0.35	
8278	8308	121.91	150	100	233.76	0.15	0.38	
8279	8309	59.51	150	100	302.72	0.2	0.62	
8280	8310	204.13	150	100	180.95	0.12	0.24	
8281	8311	240.44	150	100	23.60	0.02	0.01	
8282	8312	50.01	150	100	400.47	0.26	1.03	
8283	8313	60.41	150	100	224.09	0.15	0.35	
8284	8314	151.32	150	100	222.27	0.15	0.35	
8285	8315	104.42	150	100	85.88	0.06	0.06	
8286	8316	130.99	150	100	0.00	0	0	
8287	8317	113.01	150	100	273.43	0.18	0.51	
8288	8318	115.36	150	100	254.78	0.17	0.45	
8289	8319	46.77	150	100	50.88	0.03	0.02	
8290	8320	439.17	150	100	42.89	0.03	0.02	
8291	8322	56.37	150	100	258.81	0.17	0.46	
8292	8323	61.92	150	100	88.63	0.06	0.06	
8293	8324	157.5	150	100	11.13	0.01	0	
8294	8325	173.75	150	100	2.68	0	0	
8295	8326	35.15	100	100	10.92	0.02	0.01	
8296	8327	30	150	100	84.04	0.06	0.06	
8297	8328	37.72	150	100	147.90	0.1	0.16	
8298	8329	159.99	150	100	64.77	0.04	0.04	
8299	8330	38.02	150	100	67.23	0.04	0.04	
8300	8331	107.88	150	100	132.21	0.09	0.13	
8301	8332	80.9	150	100	311.26	0.2	0.65	
8302	8333	169.52	150	100	177.00	0.12	0.23	
8303	8334	155.74	150	100	164.53	0.11	0.2	
8304	8335	594.66	150	100	65.23	0.04	0.04	
8305	8336	228.14	150	100	236.97	0.16	0.39	
8306	8337	149.02	150	100	225.30	0.15	0.36	
8307	8338	122.84	150	100	241.98	0.16	0.41	
8308	8339	100.72	150	100	112.32	0.07	0.1	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
8309	8340	94.52	150	100	137.42	0.09	0.14	
8310	8341	127.25	150	100	38.35	0.03	0.01	
8311	8342	13.9	150	100	540.05	0.35	1.8	
8312	8343	112.39	150	100	201.84	0.13	0.29	
8313	8344	78.18	150	100	141.29	0.09	0.15	
8314	8345	33.91	150	100	203.14	0.13	0.29	
8315	8346	784.5	150	100	496.33	0.33	1.54	
8316	8347	153.09	150	100	10.47	0.01	0	
8317	8348	3.21	150	100	51.04	0.03	0.02	
8318	8349	35.24	150	100	137.93	0.09	0.14	
8319	8350	53.03	150	100	239.99	0.16	0.4	
8320	8351	95.59	150	100	161.50	0.11	0.19	
8321	8352	96.44	150	100	326.29	0.21	0.71	
8322	8353	93.88	150	100	26.95	0.02	0.01	
8323	8354	52.41	150	100	385.09	0.25	0.96	
8324	8355	72.52	150	100	158.02	0.1	0.18	
8325	8356	6.67	150	100	1,496.13	0.98	11.88	
8326	8357	18.05	150	100	618.27	0.4	2.31	
8327	8358	133.86	150	100	274.47	0.18	0.51	
8328	8359	42.71	150	100	322.43	0.21	0.69	
8329	8360	45.13	150	100	273.58	0.18	0.51	
8330	8361	89.53	150	100	21.17	0.01	0	
8331	8362	40.56	150	100	222.07	0.15	0.35	
8332	8363	133.77	150	100	14.41	0.01	0	
8333	8364	62.58	150	100	72.77	0.05	0.04	
8334	8365	67.21	150	100	6.44	0	0	
8335	8366	55.07	150	100	49.24	0.03	0.02	
8336	8367	65.15	150	100	39.15	0.03	0.01	
8337	8368	66.17	150	100	675.80	0.44	2.73	
8338	8369	159.82	150	100	278.72	0.18	0.53	
8339	8370	108.37	150	100	273.78	0.18	0.51	
8340	8371	53.09	150	100	292.97	0.19	0.58	
8341	8372	57.42	150	100	192.13	0.13	0.27	
8342	8373	205.54	150	100	532.38	0.35	1.75	
8343	8374	53.9	150	100	279.05	0.18	0.53	
8344	8375	49.7	150	100	239.91	0.16	0.4	
8345	8376	75.88	150	100	242.78	0.16	0.41	
8346	8377	65.43	150	100	103.10	0.07	0.08	
8347	8378	146.9	150	100	326.61	0.21	0.71	
8348	8379	81.32	150	100	119.93	0.08	0.11	
8349	8380	173.24	150	100	229.87	0.15	0.37	
8350	8381	146.28	150	100	428.17	0.28	1.17	
8351	8382	130.46	150	100	155.64	0.1	0.18	
8352	8383	59.31	150	100	169.39	0.11	0.21	
8353	8384	86.36	150	100	158.33	0.1	0.19	
8354	8385	140.38	150	100	63.20	0.04	0.03	
8355	8386	133.88	150	100	99.16	0.06	0.08	
8356	8387	37.44	150	100	102.65	0.07	0.08	
8357	8388	52.03	150	100	66.11	0.04	0.04	
8358	8389	137.65	150	100	142.01	0.09	0.15	
8359	8390	89.38	150	100	36.82	0.02	0.01	
8360	8391	72.19	150	100	106.83	0.07	0.09	
8361	8392	78.73	150	100	159.04	0.1	0.19	
8362	8393	171.2	150	100	193.41	0.13	0.27	
8363	8394	51.03	150	100	190.44	0.12	0.26	
8364	8395	57.98	150	100	151.50	0.1	0.17	
8365	8396	51.72	150	100	247.46	0.16	0.42	
8366	8397	65.59	150	100	240.33	0.16	0.4	
8367	8398	50.68	150	100	85.09	0.06	0.06	
8368	8399	98.75	150	100	186.43	0.12	0.25	
8369	8400	142.12	150	100	325.93	0.21	0.71	
8370	8401	44.98	150	100	55.61	0.04	0.03	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
8371	8402	16.34	150	100	4.80	0	0	
8372	8403	24.44	150	100	155.18	0.1	0.18	
8373	8404	113.3	150	100	137.21	0.09	0.14	
8374	8405	154.65	150	100	94.68	0.06	0.07	
8375	8406	134.42	150	100	90.69	0.06	0.07	
8376	8407	62.38	150	100	282.89	0.19	0.54	
8377	8408	30.73	150	100	264.85	0.17	0.48	
8378	8409	40.05	150	100	576.66	0.38	2.03	
8379	8410	46.46	150	100	357.07	0.23	0.84	
8380	8411	89.24	150	100	294.95	0.19	0.59	
8381	8412	62.46	150	100	258.53	0.17	0.46	
8382	8413	81.46	150	100	356.12	0.23	0.83	
8383	8414	62.37	150	100	227.26	0.15	0.36	
8384	8415	39.94	150	100	5.96	0	0	
8385	8416	121.82	150	100	101.23	0.07	0.08	
8386	8417	85.7	150	100	63.58	0.04	0.03	
8387	8418	64.14	150	100	17.94	0.01	0	
8388	8419	46.44	150	100	113.43	0.07	0.1	
8389	8420	135.19	150	100	99.99	0.07	0.08	
8390	8421	38.46	150	100	7.56	0	0	
8391	8422	59.39	150	100	4.38	0	0	
8392	8423	102.46	150	100	178.19	0.12	0.23	
8393	8424	24.95	150	100	63.15	0.04	0.03	
8394	8425	167.38	150	100	17.77	0.01	0	
8395	8426	49.2	150	100	80.69	0.05	0.05	
8396	8427	162.37	150	100	31.17	0.02	0.01	
8397	8428	65.66	150	100	71.89	0.05	0.04	
8398	8429	68.13	150	100	18.91	0.01	0	
8399	8430	83.13	150	100	79.26	0.05	0.05	
8400	8431	148.69	150	100	81.75	0.05	0.05	
8401	8432	76.17	150	100	87.36	0.06	0.06	
8402	8433	68.57	150	100	29.24	0.02	0.01	
8403	8434	41.2	150	100	61.22	0.04	0.03	
8404	8435	232.12	150	100	195.86	0.13	0.28	
8405	8436	20.56	150	100	131.92	0.09	0.13	
8406	8437	67.14	150	100	178.80	0.12	0.23	
8407	8438	63.29	150	100	179.76	0.12	0.23	
8408	8439	24.37	150	100	154.41	0.1	0.18	
8409	8440	79.36	150	100	214.89	0.14	0.33	
8410	8441	85.32	150	100	60.90	0.04	0.03	
8411	8442	79.4	150	100	8.13	0.01	0	
8412	8443	113.95	150	100	84.76	0.06	0.06	
8413	8444	56.74	150	100	50.37	0.03	0.02	
8414	8445	53.76	150	100	247.86	0.16	0.43	
8415	8446	160.7	150	100	60.06	0.04	0.03	
8416	8447	17.48	150	100	266.85	0.17	0.49	
8417	8448	94.06	150	100	43.76	0.03	0.02	
8418	8449	54.57	150	100	140.44	0.09	0.15	
8419	8450	95.6	150	100	104.61	0.07	0.09	
8420	8451	127.24	150	100	124.82	0.08	0.12	
8421	8452	146.72	150	100	58.97	0.04	0.03	
8422	8453	72.35	150	100	484.12	0.32	1.47	
8423	8454	143.74	150	100	752.65	0.49	3.33	
8424	8455	129.5	150	100	363.98	0.24	0.87	
8425	8456	59.44	150	100	53.85	0.04	0.03	
8426	8457	83.22	150	100	72.21	0.05	0.04	
8427	8458	185.85	150	100	310.89	0.2	0.65	
8428	8459	160.29	150	100	128.42	0.08	0.13	
8429	8460	116.88	150	100	22.88	0.01	0.01	
8430	8461	75.68	150	100	295.87	0.19	0.59	
8431	8462	54.16	150	100	267.97	0.18	0.49	
8432	8463	146.32	150	100	288.20	0.19	0.56	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
8433	8464	52.5	150	100	340.14	0.22	0.76	
8434	8465	34.24	150	100	320.61	0.21	0.69	
8435	8466	34.63	150	100	305.57	0.2	0.63	
8436	8467	36.94	150	100	312.14	0.2	0.65	
8437	8468	31.41	150	100	294.21	0.19	0.58	
8438	8469	139.34	150	100	157.53	0.1	0.18	
8439	8470	63.58	150	100	320.74	0.21	0.69	
8440	8471	41.89	150	100	209.79	0.14	0.31	
8441	8472	51.07	150	100	264.38	0.17	0.48	
8442	8473	279	150	100	264.60	0.17	0.48	
8443	8474	81.02	150	100	231.40	0.15	0.37	
8444	8475	39.97	150	100	58.02	0.04	0.03	
8445	8476	41.88	150	100	27.78	0.02	0.01	
8446	8477	108.15	150	100	27.10	0.02	0.01	
8447	8478	59.08	150	100	251.90	0.16	0.44	
8448	8479	54.8	150	100	205.75	0.13	0.3	
8449	8480	50.19	150	100	185.42	0.12	0.25	
8450	8481	114.66	150	100	102.03	0.07	0.08	
8451	8482	31.64	150	100	29.82	0.02	0.01	
8452	8483	58.85	150	100	52.79	0.03	0.02	
8453	8484	90.78	150	100	125.32	0.08	0.12	
8454	8485	62.83	150	100	360.98	0.24	0.85	
8455	8486	66.76	150	100	225.20	0.15	0.36	
8456	8487	39.94	150	100	76.45	0.05	0.05	
8457	8488	123.74	150	100	58.44	0.04	0.03	
8458	8489	62.17	150	100	9.61	0.01	0	
8459	8490	50.85	150	100	176.67	0.12	0.23	
8460	8491	91.36	150	100	17.25	0.01	0	
8461	8492	175.64	150	100	190.43	0.12	0.26	
8462	8493	173.44	150	100	128.92	0.08	0.13	
8463	8494	54.18	150	100	244.64	0.16	0.42	
8464	8495	155.92	150	100	83.54	0.05	0.06	
8465	8496	103.14	150	100	121.24	0.08	0.11	
8466	8497	63.54	150	100	233.43	0.15	0.38	
8467	8498	122.29	150	100	59.18	0.04	0.03	
8468	8499	104.38	150	100	136.12	0.09	0.14	
8469	8500	46.02	150	100	294.50	0.19	0.59	
8470	8501	150.25	150	100	275.00	0.18	0.52	
8471	8502	135.15	150	100	297.71	0.19	0.6	
8472	8503	6.27	150	100	659.58	0.43	2.61	
8473	8504	146.59	150	100	59.60	0.04	0.03	
8474	8505	169.44	150	100	214.38	0.14	0.33	
8475	8506	37.88	150	100	0.00	0	0	
8476	8507	157.9	150	100	221.26	0.14	0.34	
8477	8508	62.31	150	100	105.88	0.07	0.09	
8478	8509	275.68	150	100	136.77	0.09	0.14	
8479	8510	131.13	150	100	8.83	0.01	0	
8480	8511	253.41	150	100	22.40	0.01	0	
8481	8512	266.87	150	100	0.67	0	0	
8482	8513	160.68	150	100	0.81	0	0	
8483	8514	105.2	150	100	277.99	0.18	0.53	
8484	8515	16.04	150	100	1,013.40	0.66	5.78	
8485	8516	45.99	150	100	9.62	0.01	0	
8486	8517	29.91	150	100	97.87	0.06	0.08	
8487	8518	94.86	150	100	120.75	0.08	0.11	
8488	8519	106.58	150	100	208.96	0.14	0.31	
8489	8520	40.52	150	100	26.24	0.02	0.01	
8490	8521	161.83	150	100	137.23	0.09	0.14	
8491	8522	158.42	150	100	88.96	0.06	0.06	
8492	8523	95.22	150	100	112.26	0.07	0.1	
8493	8524	154.99	150	100	38.77	0.03	0.01	
8494	8525	77.82	150	100	162.19	0.11	0.19	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
8495	8526	57.32	150	100	378.21	0.25	0.93	
8496	8527	99.25	150	100	123.60	0.08	0.12	
8497	8528	76.86	150	100	20.03	0.01	0	
8498	8529	43.49	150	100	71.85	0.05	0.04	
8499	8530	30.06	150	100	124.30	0.08	0.12	
8500	8531	320.33	150	100	698.62	0.46	2.9	
8501	8532	30.65	150	100	698.63	0.46	2.9	
8502	8533	94.19	150	100	216.98	0.14	0.33	
8503	8534	207.06	150	100	103.45	0.07	0.08	
8504	8535	77.04	150	100	265.75	0.17	0.48	
8505	8536	68.57	150	100	212.93	0.14	0.32	
8506	8537	163.37	150	100	8.22	0.01	0	
8507	8538	6.81	150	100	20.85	0.01	0	
8508	8539	110.77	150	100	172.40	0.11	0.22	
8509	8540	106.61	150	100	146.14	0.1	0.16	
8510	8541	59.33	150	100	362.97	0.24	0.86	
8511	8542	196.28	150	100	69.76	0.05	0.04	
8512	8543	303.87	150	100	0.11	0	0	
8513	8544	145.11	150	100	347.19	0.23	0.79	
8514	8545	56.46	150	100	468.16	0.31	1.38	
8515	8546	90.77	150	100	72.83	0.05	0.04	
8516	8547	166.15	150	100	61.37	0.04	0.03	
8517	8548	164.99	150	100	270.57	0.18	0.5	
8518	8549	171.8	150	100	9.76	0.01	0	
8519	8550	73.16	150	100	186.14	0.12	0.25	
8520	8551	132.07	150	100	184.66	0.12	0.25	
8521	8552	52.19	150	100	269.54	0.18	0.5	
8522	8553	230	150	100	251.50	0.16	0.44	
8523	8554	98.17	150	100	6.24	0	0	
8524	8555	42.37	150	100	22.89	0.01	0.01	
8525	8556	209.94	150	100	7.63	0	0	
8526	8557	101.02	150	100	0.55	0	0	
8527	8558	35.88	150	100	228.78	0.15	0.37	
8528	8559	25.22	150	100	675.28	0.44	2.72	
8529	8560	232.7	150	100	164.17	0.11	0.2	
8530	8561	109.27	150	100	103.18	0.07	0.08	
8531	8562	22.43	100	100	104.53	0.15	0.62	
8532	8563	63.46	100	100	9.25	0.01	0.01	
8533	8564	1920.6	100	100	10.75	0.02	0.01	
8534	8565	75.6	100	100	16.47	0.02	0.02	
8535	8566	129.34	100	100	287.10	0.42	4.03	
8536	8567	120.78	100	100	1.13	0	0	
8537	8568	37.35	100	100	4.61	0.01	0	
8538	8569	66.15	100	100	42.47	0.06	0.12	
8539	8570	44.03	100	100	22.20	0.03	0.04	
8540	8571	49.35	100	100	26.02	0.04	0.05	
8541	8572	73.13	100	100	70.38	0.1	0.3	
8542	8573	79.59	100	100	15.13	0.02	0.02	
8543	8574	115.93	100	100	45.38	0.07	0.13	
8544	8575	44.35	100	100	96.44	0.14	0.53	
8545	8576	112.72	100	100	281.47	0.41	3.88	
8546	8577	73.09	100	100	20.41	0.03	0.03	
8547	8578	81.49	100	100	27.67	0.04	0.05	
8548	8579	168.87	100	100	93.07	0.14	0.5	
8549	8580	166.58	100	100	58.34	0.09	0.21	
8550	8581	24.95	100	100	59.76	0.09	0.22	
8551	8582	43.8	80	100	113.86	0.26	2.15	
8552	8583	27.32	100	100	68.61	0.1	0.28	
8553	8584	128.38	100	100	12.64	0.02	0.01	
8554	8585	101.84	100	100	27.95	0.04	0.05	
8555	8586	77.21	100	100	50.01	0.07	0.16	
8556	8587	639.55	100	100	18.21	0.03	0.02	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
8557	8588	87.37	100	100	17.14	0.03	0.02	
8558	8589	144.5	100	100	32.01	0.05	0.07	
8559	8590	87.23	100	100	0.04	0	0	
8560	8591	314.06	100	100	49.84	0.07	0.16	
8561	8592	226.48	100	100	110.84	0.16	0.69	
8562	8593	59.93	100	100	24.98	0.04	0.04	
8563	8594	204.87	100	100	94.73	0.14	0.52	
8564	8595	61.87	100	100	41.92	0.06	0.11	
8565	8596	175.45	100	100	194.52	0.29	1.96	
8566	8597	151.13	100	100	69.20	0.1	0.29	
8567	8598	142.64	100	100	273.00	0.4	3.67	
8568	8599	21.81	100	100	33.80	0.05	0.08	
8569	8600	97.36	100	100	13.11	0.02	0.01	
8570	8601	142.54	100	100	63.11	0.09	0.24	
8571	8602	110.93	100	100	1.36	0	0	
8572	8603	70.1	100	100	62.35	0.09	0.24	
8573	8604	87.02	100	100	19.33	0.03	0.03	
8574	8605	76.87	100	100	40.32	0.06	0.11	
8575	8606	86.32	100	100	67.74	0.1	0.28	
8576	8607	154.57	100	100	267.71	0.39	3.54	
8577	8608	75.51	100	100	160.28	0.24	1.37	
8578	8609	107.5	100	100	78.27	0.12	0.36	
8579	8610	127.68	100	100	13.86	0.02	0.01	
8580	8611	71.66	100	100	81.24	0.12	0.39	
8581	8612	28.46	100	100	87.90	0.13	0.45	
8582	8613	36.91	100	100	318.08	0.47	4.87	
8583	8614	174.14	100	100	222.21	0.33	2.51	
8584	8615	104.07	100	100	46.42	0.07	0.14	
8585	8616	107.48	100	100	41.64	0.06	0.11	
8586	8617	40.61	100	100	3.45	0.01	0	
8587	8618	105	100	100	3.91	0.01	0	
8588	8619	41.72	100	100	62.27	0.09	0.24	
8589	8620	109.03	100	100	56.05	0.08	0.2	
8590	8621	81.03	100	100	73.39	0.11	0.32	
8591	8622	133.99	100	100	1.21	0	0	
8592	8623	18	100	100	13.36	0.02	0.01	
8593	8624	193.93	100	100	37.20	0.05	0.09	
8594	8625	106.63	100	100	46.07	0.07	0.14	
8595	8626	38.95	100	100	55.17	0.08	0.19	
8596	8627	23.97	100	100	109.26	0.16	0.67	
8597	8628	175.43	100	100	159.44	0.23	1.35	
8598	8629	34.25	100	100	11.99	0.02	0.01	
8599	8630	32.48	100	100	101.15	0.15	0.58	
8600	8631	92.7	100	100	44.86	0.07	0.13	
8601	8632	105.31	100	100	7.89	0.01	0.01	
8602	8633	223.19	100	100	23.95	0.04	0.02	
8603	8634	115.42	100	100	61.86	0.09	0.23	
8604	8635	169.41	100	100	71.60	0.11	0.31	
8605	8636	48.97	100	100	36.55	0.05	0.09	
8606	8637	132.04	100	100	115.17	0.17	0.74	
8607	8638	120.26	100	100	54.28	0.08	0.18	
8608	8639	38.01	100	100	223.62	0.33	2.53	
8609	8640	35.41	100	100	75.35	0.11	0.34	
8610	8641	183.44	100	100	134.17	0.2	0.98	
8611	8642	89.63	100	100	105.66	0.16	0.63	
8612	8643	151.67	100	100	26.19	0.04	0.05	
8613	8644	120.5	100	100	2.30	0	0	
8614	8645	108.83	100	100	119.57	0.18	0.79	
8615	8646	21.64	100	100	166.25	0.24	1.46	
8616	8647	139.17	100	100	113.21	0.17	0.72	
8617	8648	12.46	100	100	26.73	0.04	0.05	
8618	8649	54.32	100	100	32.12	0.05	0.07	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
8619	8650	134.93	100	100	30.55	0.05	0.06	
8620	8651	162.29	100	100	9.52	0.01	0.01	
8621	8652	46.95	100	100	313.73	0.46	4.74	
8622	8653	39.99	100	100	487.55	0.72	10.74	
8623	8654	24.64	100	100	104.11	0.15	0.61	
8624	8655	152.05	100	100	47.12	0.07	0.14	
8625	8656	40.98	100	100	12.33	0.02	0.01	
8626	8657	149.47	100	100	38.71	0.06	0.1	
8627	8658	235.05	100	100	8.36	0.01	0	
8628	8659	54.05	100	100	42.58	0.06	0.12	
8629	8660	47.68	100	100	26.24	0.04	0.05	
8630	8661	107.45	100	100	36.35	0.05	0.09	
8631	8662	98.24	100	100	101.54	0.15	0.59	
8632	8663	190.23	100	100	32.13	0.05	0.07	
8633	8664	56.48	100	100	43.51	0.06	0.12	
8634	8665	82.2	100	100	57.12	0.08	0.2	
8635	8666	69.1	100	100	120.12	0.18	0.8	
8636	8667	65.33	100	100	60.68	0.09	0.23	
8637	8668	450.6	100	100	5.40	0.01	0	
8638	8669	122.71	100	100	41.18	0.06	0.11	
8639	8670	120.31	100	100	35.49	0.05	0.08	
8640	8671	55.4	100	100	43.80	0.06	0.12	
8641	8672	244.5	100	100	136.83	0.2	1.02	
8642	8673	90.78	100	100	97.27	0.14	0.54	
8643	8674	161.47	100	100	64.39	0.09	0.25	
8644	8675	66.47	100	100	30.54	0.05	0.06	
8645	8676	120.75	100	100	36.07	0.05	0.09	
8646	8677	94.79	100	100	153.74	0.23	1.27	
8647	8678	112.1	100	100	23.01	0.03	0.04	
8648	8679	190.65	100	100	7.74	0.01	0.01	
8649	8680	22.5	100	100	104.27	0.15	0.62	
8650	8681	36.95	100	100	94.28	0.14	0.51	
8651	8682	110.21	100	100	28.87	0.04	0.06	
8652	8683	113.48	100	100	38.82	0.06	0.1	
8653	8684	34.87	100	100	133.67	0.2	0.98	
8654	8685	124.65	100	100	7.13	0.01	0	
8655	8686	68.6	100	100	32.69	0.05	0.07	
8656	8687	60.05	100	100	2.64	0	0	
8657	8688	132.41	100	100	35.08	0.05	0.08	
8658	8689	101.82	100	100	23.34	0.03	0.04	
8659	8690	46.91	100	100	134.92	0.2	0.99	
8660	8691	101.77	100	100	84.75	0.12	0.42	
8661	8692	37.51	100	100	238.33	0.35	2.85	
8662	8693	87.91	100	100	54.36	0.08	0.18	
8663	8694	31.39	100	100	0.00	0	0	
8664	8695	87.52	100	100	81.17	0.12	0.39	
8665	8696	102.63	100	100	13.33	0.02	0.01	
8666	8697	84	100	100	23.69	0.03	0.04	
8667	8698	46.97	100	100	11.75	0.02	0.01	
8668	8699	33.94	100	100	135.36	0.2	1	
8669	8700	45.71	100	100	17.99	0.03	0.02	
8670	8701	54.28	100	100	7.63	0.01	0	
8671	8702	48.18	100	100	144.61	0.21	1.13	
8672	8703	67.82	100	100	175.72	0.26	1.62	
8673	8704	25.51	100	100	195.17	0.29	1.97	
8674	8705	85	100	100	135.45	0.2	1	
8675	8706	25.73	100	100	45.91	0.07	0.14	
8676	8707	87.41	100	100	135.76	0.2	1.01	
8677	8708	71.95	100	100	144.91	0.21	1.13	
8678	8709	33.83	100	100	113.91	0.17	0.73	
8679	8710	47.15	100	100	130.78	0.19	0.94	
8680	8711	66.71	100	100	164.15	0.24	1.43	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
8681	8712	41.15	100	100	27.56	0.04	0.05	
8682	8713	111.06	100	100	54.03	0.08	0.18	
8683	8714	40.52	100	100	86.82	0.13	0.44	
8684	8715	220.6	100	100	305.45	0.45	4.52	
8685	8716	131.26	100	100	30.06	0.04	0.06	
8686	8717	89.01	100	100	70.55	0.1	0.3	
8687	8718	69.65	100	100	23.21	0.03	0.04	
8688	8719	53.25	100	100	10.25	0.02	0.01	
8689	8720	72.75	100	100	21.43	0.03	0.03	
8690	8722	137.88	100	100	49.05	0.07	0.15	
8691	8723	57.1	100	100	41.74	0.06	0.11	
8692	8724	135.39	100	100	58.86	0.09	0.21	
8693	8725	54.49	100	100	5.35	0.01	0	
8694	8726	111.06	100	100	10.07	0.01	0.01	
8695	8727	45.66	100	100	45.04	0.07	0.13	
8696	8728	63.07	100	100	2.55	0	0	
8697	8729	294.79	100	100	54.88	0.08	0.19	
8698	8730	87.48	100	100	93.76	0.14	0.51	
8699	8731	132.31	100	100	58.65	0.09	0.21	
8700	8732	54.66	100	100	84.29	0.12	0.42	
8701	8733	123.13	100	100	66.55	0.1	0.27	
8702	8734	288.2	100	100	39.11	0.06	0.07	
8703	8735	340.47	100	100	72.48	0.11	0.31	
8704	8736	54.8	100	100	13.69	0.02	0.01	
8705	8737	162.47	100	100	67.17	0.1	0.27	
8706	8738	37.19	150	100	1,351.22	0.88	9.84	
8707	8739	70.24	100	100	39.26	0.06	0.1	
8708	8740	33.26	100	100	32.84	0.05	0.07	
8709	8741	121.47	100	100	67.48	0.1	0.28	
8710	8742	104.52	100	100	100.83	0.15	0.58	
8711	8743	293.75	100	100	98.74	0.15	0.56	
8712	8744	141.35	100	100	70.23	0.1	0.3	
8713	8745	75.57	100	100	60.40	0.09	0.22	
8714	8746	43.23	100	100	78.00	0.11	0.36	
8715	8747	84.3	100	100	8.69	0.01	0	
8716	8748	106.86	100	100	0.17	0	0	
8717	8749	81.41	100	100	35.97	0.05	0.09	
8718	8750	64.24	100	100	31.81	0.05	0.07	
8719	8751	35.12	100	100	39.84	0.06	0.1	
8720	8752	46.79	100	100	13.81	0.02	0.01	
8721	8753	137.95	100	100	4.91	0.01	0	
8722	8754	100.66	100	100	29.38	0.04	0.06	
8723	8755	44.68	100	100	112.98	0.17	0.72	
8724	8756	62.61	100	100	27.31	0.04	0.05	
8725	8757	98.24	100	100	26.46	0.04	0.05	
8726	8758	43.12	100	100	24.66	0.04	0.04	
8727	8759	78.04	100	100	42.10	0.06	0.11	
8728	8760	26.74	100	100	12.08	0.02	0.01	
8729	8761	29.53	100	100	58.97	0.09	0.21	
8730	8762	54.75	100	100	16.86	0.02	0.02	
8731	8763	48.6	100	100	15.15	0.02	0.02	
8732	8764	122.06	100	100	64.45	0.09	0.25	
8733	8765	177.87	100	100	142.25	0.21	1.1	
8734	8766	17.81	100	100	146.62	0.22	1.16	
8735	8767	267.06	100	100	92.34	0.14	0.49	
8736	8768	66.08	100	100	42.97	0.06	0.12	
8737	8769	41.58	100	100	23.53	0.03	0.04	
8738	8770	112.89	100	100	14.27	0.02	0.02	
8739	8771	132.86	100	100	104.90	0.15	0.62	
8740	8772	118.85	100	100	184.63	0.27	1.78	
8741	8773	56.99	100	100	6.26	0.01	0	
8742	8774	119.71	100	100	54.60	0.08	0.19	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
8743	8775	142.8	100	100	7.65	0.01	0	
8744	8776	132.19	100	100	52.06	0.08	0.17	
8745	8777	132.32	100	100	63.75	0.09	0.25	
8746	8778	147.92	100	100	49.79	0.07	0.16	
8747	8779	84.08	100	100	52.86	0.08	0.18	
8748	8780	44.01	100	100	24.23	0.04	0.04	
8749	8781	97.2	100	100	27.27	0.04	0.05	
8750	8782	104.48	100	100	10.59	0.02	0.01	
8751	8783	115.81	100	100	133.00	0.2	0.97	
8752	8784	129.07	100	100	88.40	0.13	0.45	
8753	8785	155.34	100	100	94.00	0.14	0.51	
8754	8786	58.07	100	100	438.24	0.65	8.81	
8755	8787	120.23	100	100	306.83	0.45	4.55	
8756	8788	80.55	100	100	209.96	0.31	2.26	
8757	8789	47.19	100	100	0.20	0	0	
8758	8790	36.92	100	100	109.89	0.16	0.68	
8759	8791	54.24	100	100	235.48	0.35	2.79	
8760	8792	141.28	100	100	148.45	0.22	1.19	
8761	8793	41.28	100	100	6.84	0.01	0	
8762	8794	14.08	100	100	111.70	0.16	0.7	
8763	8795	58.25	100	100	179.94	0.27	1.69	
8764	8796	28.03	100	100	54.96	0.08	0.19	
8765	8797	42.62	100	100	231.75	0.34	2.71	
8766	8798	14.74	100	100	312.69	0.46	4.72	
8767	8799	66.8	100	100	37.14	0.05	0.09	
8768	8800	26.12	100	100	1.64	0	0	
8769	8801	117.28	100	100	49.51	0.07	0.16	
8770	8802	41.14	100	100	0.55	0	0	
8771	8803	82.08	100	100	35.41	0.05	0.08	
8772	8805	181.41	100	100	9.31	0.01	0.01	
8773	8806	120.48	100	100	69.64	0.1	0.29	
8774	8807	168.62	100	100	2.02	0	0	
8775	8808	41.59	100	100	6.78	0.01	0	
8776	8809	38.95	100	100	25.57	0.04	0.05	
8777	8810	53	100	100	17.11	0.03	0.02	
8778	8811	49.79	100	100	48.40	0.07	0.15	
8779	8812	81.49	100	100	12.54	0.02	0.01	
8780	8813	61.5	100	100	19.54	0.03	0.03	
8781	8814	46.94	100	100	8.88	0.01	0.01	
8782	8815	71.87	100	100	67.03	0.1	0.27	
8783	8816	114.53	100	100	38.63	0.06	0.1	
8784	8817	162.65	100	100	55.38	0.08	0.19	
8785	8818	320.02	100	100	95.93	0.14	0.53	
8786	8819	95.17	100	100	0.91	0	0	
8787	8820	93.47	100	100	25.89	0.04	0.05	
8788	8821	37.72	100	100	79.21	0.12	0.37	
8789	8822	93.51	100	100	19.44	0.03	0.03	
8790	8823	36.42	100	100	67.26	0.1	0.27	
8791	8824	73.91	100	100	64.17	0.09	0.25	
8792	8825	57.28	100	100	19.81	0.03	0.03	
8793	8826	234.31	100	100	3.06	0	0	
8794	8827	100.12	100	100	6.05	0.01	0	
8795	8828	37.66	100	100	11.22	0.02	0.01	
8796	8829	92.35	100	100	28.55	0.04	0.06	
8797	8830	134.19	100	100	41.74	0.06	0.11	
8798	8831	83.76	100	100	38.30	0.06	0.1	
8799	8832	37.54	100	100	47.05	0.07	0.14	
8800	8833	79.7	100	100	15.15	0.02	0.02	
8801	8834	66.79	100	100	258.77	0.38	3.32	
8802	8835	60.78	100	100	99.08	0.15	0.56	
8803	8836	121.11	100	100	119.00	0.18	0.79	
8804	8837	64.23	100	100	81.92	0.12	0.39	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
8805	8838	62.64	100	100	114.84	0.17	0.74	
8806	8839	124.81	100	100	94.45	0.14	0.51	
8807	8840	72.85	100	100	45.82	0.07	0.13	
8808	8841	44.48	100	100	31.62	0.05	0.07	
8809	8842	60.82	100	100	35.96	0.05	0.09	
8810	8843	36.4	100	100	18.36	0.03	0.02	
8811	8844	60.48	100	100	32.98	0.05	0.07	
8812	8845	36.99	100	100	101.90	0.15	0.59	
8813	8846	40.07	100	100	17.61	0.03	0.02	
8814	8847	36.8	100	100	5.61	0.01	0	
8815	8848	135.63	100	100	443.72	0.65	9.02	
8816	8849	61.73	100	100	22.56	0.03	0.04	
8817	8850	61.74	100	100	14.90	0.02	0.02	
8818	8851	55.05	100	100	30.73	0.05	0.06	
8819	8852	183.38	100	100	28.47	0.04	0.06	
8820	8853	151.03	100	100	9.95	0.01	0.01	
8821	8854	69.49	100	100	30.82	0.05	0.06	
8822	8855	50.44	100	100	28.74	0.04	0.06	
8823	8856	63.74	100	100	42.66	0.06	0.12	
8824	8857	97.14	100	100	17.34	0.03	0.02	
8825	8858	26.59	100	100	101.60	0.15	0.59	
8826	8859	52.87	100	100	36.51	0.05	0.09	
8827	8860	120.18	100	100	108.02	0.16	0.66	
8828	8861	82.06	100	100	122.63	0.18	0.83	
8829	8862	114.85	100	100	70.12	0.1	0.3	
8830	8863	121.94	100	100	65.27	0.1	0.26	
8831	8864	106.55	100	100	92.23	0.14	0.49	
8832	8865	135.98	100	100	95.79	0.14	0.53	
8833	8866	315.69	100	100	9.27	0.01	0.01	
8834	8867	74.61	100	100	58.99	0.09	0.21	
8835	8868	84.24	100	100	28.54	0.04	0.06	
8836	8869	78.82	100	100	4.14	0.01	0	
8837	8870	48.55	100	100	16.54	0.02	0.02	
8838	8871	96.6	100	100	15.73	0.02	0.02	
8839	8872	36.45	100	100	30.25	0.04	0.06	
8840	8873	45.32	100	100	21.68	0.03	0.03	
8841	8874	39.39	100	100	47.61	0.07	0.14	
8842	8875	102.69	100	100	152.40	0.22	1.25	
8843	8876	76.26	100	100	35.93	0.05	0.09	
8844	8877	382.22	100	100	32.12	0.05	0.07	
8845	8878	64.32	100	100	120.23	0.18	0.8	
8846	8879	11.95	100	100	243.44	0.36	2.97	
8847	8880	95.09	100	100	147.68	0.22	1.18	
8848	8881	29.69	100	100	8.13	0.01	0.01	
8849	8882	52.39	100	100	31.47	0.05	0.07	
8850	8883	87.99	100	100	86.40	0.13	0.44	
8851	8884	50.78	100	100	47.66	0.07	0.14	
8852	8885	50.95	100	100	28.46	0.04	0.06	
8853	8886	233.95	100	100	135.00	0.2	1	
8854	8887	33.91	100	100	186.02	0.27	1.8	
8855	8888	98.03	100	100	23.11	0.03	0.04	
8856	8889	31.25	100	100	45.54	0.07	0.13	
8857	8890	41.18	100	100	83.70	0.12	0.41	
8858	8891	70.04	100	100	519.95	0.77	12.09	
8859	8892	79.43	100	100	42.66	0.06	0.12	
8860	8893	164.32	100	100	181.69	0.27	1.73	
8861	8894	72.3	100	100	109.36	0.16	0.67	
8862	8895	48.32	100	100	42.01	0.06	0.11	
8863	8896	73.27	100	100	52.30	0.08	0.17	
8864	8897	61.95	150	100	897.64	0.59	4.61	
8865	8898	58.37	100	100	190.97	0.28	1.89	
8866	8899	231.51	100	100	109.30	0.16	0.67	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
8867	8900	48.09	100	100	132.93	0.2	0.97	
8868	8901	58.52	100	100	91.37	0.13	0.48	
8869	8902	141.8	100	100	98.85	0.15	0.56	
8870	8903	48.63	100	100	56.07	0.08	0.2	
8871	8904	73.26	100	100	173.14	0.26	1.58	
8872	8905	112.26	100	100	16.66	0.02	0.02	
8873	8906	39.13	100	100	79.06	0.12	0.37	
8874	8907	34.06	100	100	65.09	0.1	0.26	
8875	8908	45.97	100	100	77.87	0.11	0.36	
8876	8909	53.61	100	100	72.58	0.11	0.32	
8877	8910	77.55	100	100	7.91	0.01	0.01	
8878	8911	48.27	100	100	115.48	0.17	0.75	
8879	8912	85.51	100	100	45.18	0.07	0.13	
8880	8913	58.81	100	100	14.23	0.02	0.02	
8881	8914	65.18	100	100	115.71	0.17	0.75	
8882	8915	26.96	100	100	24.13	0.04	0.04	
8883	8916	3.64	100	100	30.59	0.05	0.06	
8884	8917	216.87	100	100	74.79	0.11	0.33	
8885	8918	149.88	100	100	42.89	0.06	0.12	
8886	8919	105.65	100	100	54.64	0.08	0.19	
8887	8920	75.99	100	100	14.43	0.02	0.02	
8888	8921	168.67	100	100	12.61	0.02	0.01	
8889	8922	146.09	100	100	45.89	0.07	0.13	
8890	8923	116.99	100	100	51.74	0.08	0.17	
8891	8924	94.61	100	100	62.15	0.09	0.24	
8892	8925	36.85	100	100	84.68	0.12	0.42	
8893	8926	79.61	100	100	39.98	0.06	0.1	
8894	8927	41.71	100	100	67.78	0.1	0.28	
8895	8928	141.43	100	100	32.68	0.05	0.07	
8896	8929	160.51	100	100	16.14	0.02	0.02	
8897	8930	56.9	100	100	21.24	0.03	0.03	
8898	8931	84.95	100	100	8.65	0.01	0.01	
8899	8932	50.35	100	100	50.41	0.07	0.16	
8900	8933	29.8	100	100	1.75	0	0	
8901	8934	70.58	100	100	38.47	0.06	0.1	
8902	8935	232.54	100	100	53.52	0.08	0.18	
8903	8936	74.34	100	100	66.49	0.1	0.27	
8904	8937	35.44	100	100	141.68	0.21	1.09	
8905	8938	50.26	100	100	47.37	0.07	0.14	
8906	8939	24.49	100	100	116.46	0.17	0.76	
8907	8940	56.82	100	100	3.13	0	0	
8908	8941	50.83	100	100	120.32	0.18	0.8	
8909	8942	43.91	100	100	28.83	0.04	0.06	
8910	8943	235.39	100	100	141.45	0.21	1.09	
8911	8944	33.44	100	100	95.94	0.14	0.53	
8912	8945	39.42	100	100	167.52	0.25	1.48	
8913	8946	57.9	100	100	46.52	0.07	0.14	
8914	8947	62.69	100	100	20.13	0.03	0.03	
8915	8948	40.77	100	100	150.52	0.22	1.22	
8916	8949	26.54	100	100	121.73	0.18	0.82	
8917	8950	52.2	100	100	27.28	0.04	0.05	
8918	8951	40.05	100	100	112.48	0.17	0.71	
8919	8952	35.95	100	100	62.49	0.09	0.24	
8920	8953	53.58	100	100	14.97	0.02	0.02	
8921	8954	22.26	100	100	269.13	0.4	3.57	
8922	8955	129.01	100	100	79.12	0.12	0.37	
8923	8956	59.14	100	100	3.98	0.01	0	
8924	8957	330.38	100	100	163.36	0.24	1.42	
8925	8958	71.76	100	100	0.00	0	0	
8926	8959	117.56	100	100	57.76	0.09	0.21	
8927	8960	214.39	100	100	21.31	0.03	0.03	
8928	8961	111.13	100	100	57.28	0.08	0.2	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
8929	8962	103.26	100	100	30.49	0.04	0.06	
8930	8963	86.46	100	100	50.70	0.07	0.16	
8931	8964	11.07	100	100	92.54	0.14	0.49	
8932	8965	38.68	100	100	198.83	0.29	2.04	
8933	8966	51.25	100	100	201.45	0.3	2.09	
8934	8967	54.32	100	100	83.75	0.12	0.41	
8935	8968	206.56	100	100	59.55	0.09	0.22	
8936	8969	111.55	100	100	48.71	0.07	0.15	
8937	8970	97.62	100	100	39.76	0.06	0.1	
8938	8971	51.69	100	100	39.64	0.06	0.1	
8939	8972	70.64	100	100	22.71	0.03	0.04	
8940	8973	101.8	100	100	35.69	0.05	0.08	
8941	8974	101.11	100	100	110.12	0.16	0.68	
8942	8975	113.09	100	100	39.48	0.06	0.1	
8943	8976	15.64	100	100	222.15	0.33	2.5	
8944	8977	132.68	100	100	82.81	0.12	0.4	
8945	8978	116.08	100	100	25.92	0.04	0.05	
8946	8979	53.73	100	100	0.00	0	0	
8947	8980	37.47	100	100	133.58	0.2	0.98	
8948	8981	38.27	100	100	127.08	0.19	0.89	
8949	8982	42.8	100	100	1.37	0	0	
8950	8983	52.48	100	100	32.35	0.05	0.07	
8951	8984	52.42	100	100	69.43	0.1	0.29	
8952	8985	85.3	100	100	22.21	0.03	0.04	
8953	8986	200.19	100	100	77.87	0.11	0.36	
8954	8987	42.53	100	100	106.40	0.16	0.64	
8955	8988	80	100	100	73.57	0.11	0.32	
8956	8989	47.41	100	100	239.97	0.35	2.89	
8957	8990	48.42	100	100	182.83	0.27	1.75	
8958	8991	42.68	100	100	19.08	0.03	0.03	
8959	8992	47.28	100	100	63.32	0.09	0.24	
8960	8993	231.89	100	100	41.74	0.06	0.11	
8961	8994	105.88	100	100	42.63	0.06	0.12	
8962	8995	212.19	100	100	14.05	0.02	0.01	
8963	8996	45.22	100	100	6.03	0.01	0	
8964	8997	55.04	100	100	327.51	0.48	5.14	
8965	8998	56.03	100	100	79.04	0.12	0.37	
8966	8999	89.87	100	100	28.75	0.04	0.06	
8967	9000	39.21	100	100	91.89	0.14	0.49	
8968	9001	87.42	100	100	158.50	0.23	1.34	
8969	9002	95.68	100	100	73.83	0.11	0.33	
8970	9003	23.15	100	100	75.64	0.11	0.34	
8971	9004	69.49	100	100	27.00	0.04	0.05	
8972	9005	91.13	100	100	10.44	0.02	0.01	
8973	9006	61.26	100	100	24.04	0.04	0.04	
8974	9007	72.11	100	100	29.65	0.04	0.06	
8975	9008	22.2	100	100	75.28	0.11	0.34	
8976	9009	85.48	100	100	119.28	0.18	0.79	
8977	9010	61.86	100	100	77.31	0.11	0.35	
8978	9011	72.02	100	100	5.57	0.01	0	
8979	9012	49.31	100	100	4.25	0.01	0	
8980	9013	56.32	100	100	27.22	0.04	0.05	
8981	9014	19.26	100	100	470.36	0.69	10.04	
8982	9015	23.06	100	100	295.51	0.44	4.25	
8983	9016	31.19	100	100	22.96	0.03	0.04	
8984	9017	112.91	100	100	116.37	0.17	0.76	
8985	9018	25.5	100	100	264.45	0.39	3.46	
8986	9019	166.21	100	100	47.26	0.07	0.14	
8987	9020	2.55	100	100	520.83	0.77	12.13	
8988	9021	269.56	100	100	146.24	0.22	1.15	
8989	9022	160.99	100	100	42.95	0.06	0.12	
8990	9023	179.24	100	100	145.51	0.21	1.14	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
8991	9024	48.8	100	100	57.96	0.09	0.21	
8992	9025	96.67	100	100	8.81	0.01	0.01	
8993	9026	51.1	100	100	21.15	0.03	0.03	
8994	9027	19.58	100	100	6.62	0.01	0	
8995	9028	95.21	100	100	5.68	0.01	0	
8996	9029	265.76	100	100	15.58	0.02	0.02	
8997	9030	41.59	100	100	5.53	0.01	0	
8998	9031	36.27	100	100	8.58	0.01	0.01	
8999	9032	113.17	100	100	19.00	0.03	0.03	
9000	9033	131.49	100	100	17.87	0.03	0.02	
9001	9034	118.99	100	100	26.54	0.04	0.05	
9002	9035	28.99	100	100	9.87	0.01	0.01	
9003	9036	45.83	100	100	50.13	0.07	0.16	
9004	9037	110.56	100	100	56.31	0.08	0.2	
9005	9038	38.59	100	100	34.43	0.05	0.08	
9006	9039	46.48	100	100	158.42	0.23	1.34	
9007	9040	47.5	100	100	156.63	0.23	1.31	
9008	9041	38.42	100	100	109.67	0.16	0.68	
9009	9042	111.88	100	100	69.18	0.1	0.29	
9010	9043	39.98	100	100	108.90	0.16	0.67	
9011	9044	112.14	100	100	30.29	0.04	0.06	
9012	9045	112.04	100	100	35.54	0.05	0.08	
9013	9046	11.19	100	100	68.24	0.1	0.28	
9014	9047	34.34	100	100	19.51	0.03	0.03	
9015	9048	36.55	100	100	24.25	0.04	0.04	
9016	9049	38.77	100	100	88.73	0.13	0.46	
9017	9050	95.57	100	100	123.58	0.18	0.85	
9018	9051	78.4	100	100	46.33	0.07	0.14	
9019	9052	79.67	100	100	52.39	0.08	0.17	
9020	9053	11.22	100	100	104.93	0.15	0.62	
9021	9054	224.83	100	100	15.64	0.02	0.02	
9022	9055	43.19	100	100	9.38	0.01	0.01	
9023	9056	46.48	100	100	19.80	0.03	0.03	
9024	9057	51.88	100	100	3.56	0.01	0	
9025	9058	17.31	100	100	27.74	0.04	0.05	
9026	9059	61.17	100	100	19.77	0.03	0.03	
9027	9060	87.15	100	100	15.17	0.02	0.02	
9028	9061	64.38	100	100	6.85	0.01	0	
9029	9062	29.1	100	100	24.30	0.04	0.04	
9030	9063	40.83	100	100	57.74	0.09	0.21	
9031	9064	40.98	100	100	53.04	0.08	0.18	
9032	9065	41.6	100	100	38.75	0.06	0.1	
9033	9066	35.58	100	100	23.20	0.03	0.04	
9034	9067	214.03	100	100	35.40	0.05	0.08	
9035	9068	46.45	100	100	171.00	0.25	1.54	
9036	9069	56.29	100	100	18.51	0.03	0.03	
9037	9070	107.83	100	100	15.71	0.02	0.02	
9038	9071	102.5	100	100	87.77	0.13	0.45	
9039	9072	101.52	100	100	216.74	0.32	2.39	
9040	9073	415.13	100	100	0.30	0	0	
9041	9074	56.39	100	100	15.76	0.02	0.02	
9042	9075	79.17	100	100	70.66	0.1	0.3	
9043	9076	108.05	100	100	35.69	0.05	0.08	
9044	9077	94.74	100	100	25.98	0.04	0.05	
9045	9078	79.65	100	100	6.33	0.01	0	
9046	9079	77.77	100	100	155.13	0.23	1.29	
9047	9080	134.76	100	100	189.74	0.28	1.87	
9048	9081	90.08	100	100	51.99	0.08	0.17	
9049	9082	41.38	100	100	40.45	0.06	0.11	
9050	9083	40.02	100	100	52.28	0.08	0.17	
9051	9084	71.4	100	100	422.13	0.62	8.22	
9052	9085	1.54	100	100	533.86	0.79	12.7	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
9053	9086	107.74	100	100	47.20	0.07	0.14	
9054	9087	93.5	100	100	2.31	0	0	
9055	9088	187.75	100	100	48.85	0.07	0.15	
9056	9089	271.49	100	100	48.60	0.07	0.15	
9057	9090	97.34	100	100	2.03	0	0	
9058	9091	101.69	100	100	21.25	0.03	0.03	
9059	9092	106.64	100	100	10.06	0.01	0.01	
9060	9093	101.09	100	100	6.52	0.01	0	
9061	9094	50.59	100	100	45.34	0.07	0.13	
9062	9095	74.78	100	100	47.07	0.07	0.14	
9063	9096	92.83	100	100	7.52	0.01	0	
9064	9097	62.74	100	100	46.56	0.07	0.14	
9065	9098	18.53	100	100	66.10	0.1	0.27	
9066	9099	53.57	100	100	28.80	0.04	0.06	
9067	9100	81.89	100	100	118.53	0.17	0.78	
9068	9101	76.1	100	100	53.77	0.08	0.18	
9069	9102	42.75	100	100	64.54	0.1	0.25	
9070	9103	44.36	100	100	27.33	0.04	0.05	
9071	9104	84.2	100	100	61.95	0.09	0.24	
9072	9105	41.01	100	100	49.87	0.07	0.16	
9073	9106	101.46	100	100	4.71	0.01	0	
9074	9107	42.87	100	100	16.91	0.02	0.02	
9075	9108	186.44	100	100	14.14	0.02	0.02	
9076	9109	48.03	100	100	44.89	0.07	0.13	
9077	9110	94.78	100	100	18.65	0.03	0.03	
9078	9111	48.63	100	100	7.60	0.01	0	
9079	9112	64.68	100	100	64.63	0.1	0.25	
9080	9113	78.04	100	100	7.50	0.01	0	
9081	9114	39.43	100	100	22.77	0.03	0.04	
9082	9115	84.33	100	100	72.73	0.11	0.32	
9083	9116	73.89	100	100	39.19	0.06	0.1	
9084	9117	186.44	100	100	15.00	0.02	0.02	
9085	9118	75.84	100	100	27.96	0.04	0.05	
9086	9119	75.14	100	100	29.09	0.04	0.06	
9087	9120	94.41	100	100	13.56	0.02	0.01	
9088	9121	73.37	100	100	45.51	0.07	0.13	
9089	9122	54.15	100	100	86.44	0.13	0.44	
9090	9123	41.8	100	100	68.86	0.1	0.29	
9091	9124	34.98	100	100	5.79	0.01	0	
9092	9125	106.25	100	100	72.77	0.11	0.32	
9093	9126	73.26	100	100	0.02	0	0	
9094	9127	56.08	100	100	65.30	0.1	0.26	
9095	9128	31.64	100	100	75.57	0.11	0.34	
9096	9129	48.85	100	100	36.59	0.05	0.09	
9097	9130	81.52	100	100	16.10	0.02	0.02	
9098	9131	96.81	100	100	8.80	0.01	0.01	
9099	9132	109.21	100	100	3.81	0.01	0	
9100	9133	44.06	100	100	93.93	0.14	0.51	
9101	9134	54.49	100	100	128.36	0.19	0.91	
9102	9135	57.38	100	100	56.39	0.08	0.2	
9103	9136	75.4	100	100	56.33	0.08	0.2	
9104	9137	142.32	100	100	54.78	0.08	0.19	
9105	9138	9.9	100	100	50.49	0.07	0.16	
9106	9139	46.93	100	100	77.24	0.11	0.35	
9107	9140	50.28	100	100	96.94	0.14	0.54	
9108	9141	94.56	100	100	68.79	0.1	0.29	
9109	9142	45.13	100	100	57.10	0.08	0.2	
9110	9143	44.14	100	100	134.07	0.2	0.98	
9111	9144	42.37	100	100	66.91	0.1	0.27	
9112	9145	110.88	100	100	32.52	0.05	0.07	
9113	9146	43.49	100	100	18.94	0.03	0.03	
9114	9147	111.31	100	100	24.59	0.04	0.04	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
9115	9148	195.08	100	100	18.17	0.03	0.02	
9116	9149	116.82	100	100	96.97	0.14	0.54	
9117	9150	58.1	100	100	23.92	0.04	0.04	
9118	9151	117.25	100	100	93.70	0.14	0.51	
9119	9152	126.17	100	100	59.96	0.09	0.22	
9120	9153	86.56	100	100	39.61	0.06	0.1	
9121	9154	43.68	100	100	5.79	0.01	0	
9122	9155	160.52	100	100	81.82	0.12	0.39	
9123	9156	125.53	100	100	307.86	0.45	4.58	
9124	9157	134.12	100	100	81.48	0.12	0.39	
9125	9158	70.65	100	100	95.92	0.14	0.53	
9126	9159	81.78	100	100	59.67	0.09	0.22	
9127	9160	61.28	100	100	35.01	0.05	0.08	
9128	9161	91.79	100	100	54.06	0.08	0.18	
9129	9162	71.39	100	100	62.47	0.09	0.24	
9130	9163	48.92	100	100	54.58	0.08	0.19	
9131	9164	76.93	100	100	30.57	0.05	0.06	
9132	9165	56.05	100	100	95.33	0.14	0.52	
9133	9166	81.3	100	100	37.33	0.06	0.09	
9134	9167	18.69	100	100	43.99	0.06	0.12	
9135	9168	128.55	100	100	35.99	0.05	0.09	
9136	9169	32.31	100	100	105.97	0.16	0.64	
9137	9170	83.64	100	100	15.99	0.02	0.02	
9138	9171	94.88	100	100	12.23	0.02	0.01	
9139	9172	111.62	100	100	30.93	0.05	0.07	
9140	9173	37.38	100	100	55.13	0.08	0.19	
9141	9174	40.42	100	100	70.25	0.1	0.3	
9142	9175	76.01	100	100	3.82	0.01	0	
9143	9176	75.18	100	100	26.58	0.04	0.05	
9144	9177	27.34	100	100	6.43	0.01	0	
9145	9178	32.96	100	100	22.57	0.03	0.04	
9146	9179	50.11	100	100	38.26	0.06	0.1	
9147	9180	86.57	100	100	23.28	0.03	0.04	
9148	9181	74.81	100	100	17.19	0.03	0.02	
9149	9182	47.5	100	100	48.50	0.07	0.15	
9150	9183	54.48	100	100	26.22	0.04	0.05	
9151	9184	72.94	100	100	49.01	0.07	0.15	
9152	9185	95.88	100	100	50.29	0.07	0.16	
9153	9186	29.41	100	100	114.72	0.17	0.74	
9154	9187	66.41	100	100	75.94	0.11	0.34	
9155	9188	55.23	100	100	82.96	0.12	0.4	
9156	9189	87.57	100	100	51.10	0.08	0.16	
9157	9190	12.48	100	100	23.90	0.04	0.04	
9158	9191	57.36	100	100	21.24	0.03	0.03	
9159	9192	87.96	100	100	59.81	0.09	0.22	
9160	9193	87.27	100	100	56.69	0.08	0.2	
9161	9194	56.98	100	100	31.10	0.05	0.07	
9162	9195	99.26	100	100	28.22	0.04	0.05	
9163	9196	111.9	100	100	54.03	0.08	0.18	
9164	9197	44.08	100	100	80.29	0.12	0.38	
9165	9198	28.62	100	100	11.25	0.02	0.01	
9166	9199	48.36	100	100	18.55	0.03	0.03	
9167	9200	81.55	100	100	29.16	0.04	0.06	
9168	9201	49.29	100	100	23.63	0.03	0.04	
9169	9202	37.6	100	100	14.82	0.02	0.02	
9170	9203	176.05	100	100	47.77	0.07	0.15	
9171	9204	48.46	100	100	46.36	0.07	0.14	
9172	9205	45.18	100	100	49.99	0.07	0.16	
9173	9206	109.45	100	100	17.93	0.03	0.02	
9174	9207	85.37	100	100	120.31	0.18	0.8	
9175	9208	46.79	100	100	8.85	0.01	0.01	
9176	9209	47.92	100	100	41.48	0.06	0.11	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
9177	9210	58.5	100	100	120.49	0.18	0.81	
9178	9211	53.7	100	100	81.89	0.12	0.39	
9179	9212	50.07	100	100	212.60	0.31	2.31	
9180	9213	145.05	100	100	40.01	0.06	0.1	
9181	9214	58.75	100	100	235.61	0.35	2.79	
9182	9215	99.78	100	100	21.99	0.03	0.03	
9183	9216	39.89	100	100	41.50	0.06	0.11	
9184	9217	27.53	100	100	14.68	0.02	0.02	
9185	9218	40.53	100	100	1.55	0	0	
9186	9219	156.02	100	100	32.30	0.05	0.07	
9187	9220	47.77	100	100	79.04	0.12	0.37	
9188	9221	132.23	100	100	114.36	0.17	0.73	
9189	9222	81.64	100	100	85.37	0.13	0.43	
9190	9223	42.52	100	100	114.91	0.17	0.74	
9191	9224	50.89	100	100	26.60	0.04	0.05	
9192	9225	109.54	100	100	56.52	0.08	0.2	
9193	9226	214.04	100	100	21.48	0.03	0.03	
9194	9227	99.38	100	100	24.23	0.04	0.04	
9195	9228	83.83	100	100	22.22	0.03	0.04	
9196	9229	46.53	100	100	107.56	0.16	0.65	
9197	9230	101.18	100	100	8.24	0.01	0	
9198	9231	30.32	100	100	53.21	0.08	0.18	
9199	9232	102.59	100	100	3.57	0.01	0	
9200	9233	43.06	100	100	61.18	0.09	0.23	
9201	9234	54.65	100	100	173.37	0.26	1.58	
9202	9235	83.81	100	100	83.30	0.12	0.41	
9203	9236	55.26	100	100	133.71	0.2	0.98	
9204	9237	69.62	100	100	41.58	0.06	0.11	
9205	9238	29.5	100	100	28.92	0.04	0.06	
9206	9239	49.94	100	100	97.22	0.14	0.54	
9207	9240	217.1	100	100	7.87	0.01	0.01	
9208	9241	57.03	100	100	8.90	0.01	0.01	
9209	9242	87.42	100	100	14.11	0.02	0.02	
9210	9243	107.64	100	100	14.32	0.02	0.02	
9211	9244	39.2	100	100	20.33	0.03	0.03	
9212	9245	138.71	100	100	1.81	0	0	
9213	9246	86.36	100	100	27.88	0.04	0.05	
9214	9247	43.52	100	100	65.24	0.1	0.26	
9215	9248	105.66	100	100	94.57	0.14	0.51	
9216	9249	86.49	100	100	125.55	0.19	0.87	
9217	9250	36.49	100	100	156.65	0.23	1.31	
9218	9251	88.35	100	100	93.45	0.14	0.5	
9219	9252	96.9	100	100	87.84	0.13	0.45	
9220	9253	17.83	100	100	174.12	0.26	1.59	
9221	9254	18.03	100	100	9.50	0.01	0.01	
9222	9255	114.23	100	100	29.12	0.04	0.06	
9223	9256	122	100	100	16.62	0.02	0.02	
9224	9257	112.24	100	100	22.52	0.03	0.04	
9225	9258	73.96	100	100	15.59	0.02	0.02	
9226	9259	68.48	100	100	27.60	0.04	0.05	
9227	9260	60.99	100	100	75.96	0.11	0.34	
9228	9261	46.16	100	100	82.54	0.12	0.4	
9229	9262	93.17	100	100	70.96	0.1	0.3	
9230	9263	122.82	100	100	28.84	0.04	0.06	
9231	9264	50.96	100	100	191.87	0.28	1.91	
9232	9265	96.86	100	100	8.23	0.01	0.01	
9233	9266	110.96	100	100	11.21	0.02	0.01	
9234	9267	40.13	100	100	0.01	0	0	
9235	9268	55.87	100	100	11.36	0.02	0.01	
9236	9269	55.51	100	100	23.91	0.04	0.04	
9237	9270	140.03	100	100	4.69	0.01	0	
9238	9271	93.39	100	100	49.79	0.07	0.16	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
9239	9272	56.41	100	100	34.22	0.05	0.08	
9240	9273	55.83	100	100	24.70	0.04	0.04	
9241	9274	92.02	100	100	4.07	0.01	0	
9242	9275	97.94	100	100	2.54	0	0	
9243	9276	55.49	100	100	27.48	0.04	0.05	
9244	9277	52.3	100	100	102.50	0.15	0.6	
9245	9279	49.28	100	100	82.68	0.12	0.4	
9246	9280	97.15	100	100	3.34	0	0	
9247	9281	100.68	100	100	33.84	0.05	0.08	
9248	9282	58.44	100	100	24.71	0.04	0.04	
9249	9283	108.57	100	100	179.61	0.26	1.69	
9250	9284	63.54	100	100	122.24	0.18	0.83	
9251	9285	157.75	100	100	63.83	0.09	0.25	
9252	9286	111.33	100	100	91.03	0.13	0.48	
9253	9287	192.04	100	100	98.57	0.15	0.56	
9254	9288	226.14	100	100	9.70	0.01	0.01	
9255	9289	101.25	100	100	20.78	0.03	0.03	
9256	9290	147.2	100	100	19.71	0.03	0.03	
9257	9291	57.49	100	100	62.79	0.09	0.24	
9258	9292	96.96	100	100	1.50	0	0	
9259	9293	55.81	100	100	20.20	0.03	0.03	
9260	9294	51.39	100	100	13.97	0.02	0.01	
9261	9295	59.66	100	100	74.47	0.11	0.33	
9262	9296	57.14	100	100	82.35	0.12	0.4	
9263	9297	53.67	100	100	205.35	0.3	2.16	
9264	9298	42.31	100	100	32.43	0.05	0.07	
9265	9299	388.15	100	100	3.15	0	0	
9266	9300	73.24	100	100	1.73	0	0	
9267	9301	0.86	100	100	33.87	0.05	0.08	
9268	9302	98.85	100	100	16.43	0.02	0.02	
9269	9303	45.09	100	100	2.49	0	0	
9270	9304	38.69	100	100	114.24	0.17	0.73	
9271	9305	83.24	100	100	10.76	0.02	0.01	
9272	9306	125	100	100	93.39	0.14	0.5	
9273	9307	89.95	100	100	1.51	0	0	
9274	9308	106.41	100	100	48.72	0.07	0.15	
9275	9309	54	100	100	78.00	0.11	0.36	
9276	9310	43.05	100	100	105.76	0.16	0.63	
9277	9311	35.69	100	100	6.25	0.01	0	
9278	9312	62.38	100	100	63.93	0.09	0.25	
9279	9313	109.35	100	100	37.73	0.06	0.09	
9280	9314	30.69	100	100	71.75	0.11	0.31	
9281	9315	48.59	100	100	70.63	0.1	0.3	
9282	9316	197.85	100	100	14.01	0.02	0.01	
9283	9317	48.83	100	100	43.03	0.06	0.12	
9284	9318	38.11	100	100	66.57	0.1	0.27	
9285	9319	48.88	100	100	29.32	0.04	0.06	
9286	9320	28.7	100	100	5.31	0.01	0	
9287	9321	184.79	100	100	20.79	0.03	0.03	
9288	9322	137.94	100	100	41.22	0.06	0.11	
9289	9323	35.55	100	100	30.79	0.05	0.06	
9290	9324	107.83	100	100	77.48	0.11	0.36	
9291	9325	83.11	100	100	8.94	0.01	0.01	
9292	9326	102.81	100	100	24.07	0.04	0.04	
9293	9327	40.26	100	100	88.88	0.13	0.46	
9294	9328	34	100	100	138.42	0.2	1.04	
9295	9329	40.44	100	100	37.91	0.06	0.09	
9296	9330	52.36	100	100	38.27	0.06	0.1	
9297	9331	160.09	100	100	8.62	0.01	0.01	
9298	9332	159.38	100	100	5.69	0.01	0	
9299	9333	40.23	100	100	7.50	0.01	0	
9300	9334	40.8	100	100	6.85	0.01	0	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
9301	9335	48.99	100	100	24.69	0.04	0.04	
9302	9336	47.58	100	100	27.74	0.04	0.05	
9303	9337	37.5	100	100	14.73	0.02	0.02	
9304	9338	52.7	100	100	9.08	0.01	0.01	
9305	9339	43.24	100	100	42.61	0.06	0.12	
9306	9340	59.83	100	100	89.10	0.13	0.46	
9307	9341	225.66	100	100	51.56	0.08	0.17	
9308	9342	209.46	100	100	23.63	0.03	0.04	
9309	9343	173.48	100	100	36.94	0.05	0.09	
9310	9344	140.5	100	100	86.38	0.13	0.44	
9311	9345	119.81	100	100	73.46	0.11	0.32	
9312	9346	60.88	100	100	68.75	0.1	0.29	
9313	9347	155.34	100	100	55.68	0.08	0.19	
9314	9348	190.25	100	100	71.49	0.11	0.31	
9315	9349	47.92	100	100	30.61	0.05	0.06	
9316	9350	52.23	100	100	2.20	0	0	
9317	9351	127.84	100	100	47.13	0.07	0.14	
9318	9352	36.71	100	100	60.85	0.09	0.23	
9319	9353	40.65	100	100	0.48	0	0	
9320	9354	45.63	100	100	9.83	0.01	0.01	
9321	9355	58.37	100	100	3.59	0.01	0	
9322	9356	52.24	100	100	195.27	0.29	1.97	
9323	9357	23.26	100	100	203.28	0.3	2.12	
9324	9358	71.85	100	100	43.85	0.06	0.12	
9325	9359	31.41	100	100	108.83	0.16	0.67	
9326	9360	37.31	100	100	2.20	0	0	
9327	9361	59.96	100	100	103.40	0.15	0.61	
9328	9362	75.79	100	100	8.09	0.01	0.01	
9329	9363	64.68	100	100	62.54	0.09	0.24	
9330	9364	69.34	100	100	32.96	0.05	0.07	
9331	9365	150.19	100	100	21.43	0.03	0.03	
9332	9366	65.3	100	100	61.59	0.09	0.23	
9333	9367	183.38	100	100	73.03	0.11	0.32	
9334	9368	61.4	100	100	14.33	0.02	0.02	
9335	9369	124.75	100	100	21.81	0.03	0.03	
9336	9370	47.84	100	100	69.33	0.1	0.29	
9337	9371	94.11	100	100	6.86	0.01	0	
9338	9372	64.04	100	100	28.51	0.04	0.06	
9339	9373	275.66	100	100	69.04	0.1	0.29	
9340	9374	55.2	100	100	14.22	0.02	0.02	
9341	9375	62.2	100	100	128.15	0.19	0.9	
9342	9376	57.86	100	100	31.41	0.05	0.07	
9343	9377	89.54	100	100	119.20	0.18	0.79	
9344	9378	49.4	100	100	37.23	0.05	0.09	
9345	9379	97.55	100	100	51.10	0.08	0.16	
9346	9380	71.72	100	100	66.61	0.1	0.27	
9347	9381	97.08	100	100	5.74	0.01	0	
9348	9382	138.88	100	100	4.05	0.01	0	
9349	9383	53.27	100	100	13.16	0.02	0.01	
9350	9384	57.35	100	100	45.59	0.07	0.13	
9351	9385	244.69	100	100	7.47	0.01	0	
9352	9386	225.63	100	100	4.34	0.01	0	
9353	9387	56.26	100	100	157.43	0.23	1.32	
9354	9388	162.2	100	100	49.40	0.07	0.15	
9355	9389	201.25	100	100	59.57	0.09	0.22	
9356	9390	98.07	100	100	38.71	0.06	0.1	
9357	9391	78.23	100	100	47.62	0.07	0.14	
9358	9392	45.35	100	100	168.51	0.25	1.5	
9359	9393	66.34	100	100	116.69	0.17	0.76	
9360	9394	92.38	100	100	94.75	0.14	0.52	
9361	9395	229.5	100	100	54.65	0.08	0.19	
9362	9396	80.05	100	100	53.27	0.08	0.18	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
9363	9397	1649.56	100	100	5.12	0.01	0	
9364	9398	57.69	100	100	72.12	0.11	0.31	
9365	9399	350.86	100	100	31.41	0.05	0.07	
9366	9400	99.84	100	100	131.57	0.19	0.95	
9367	9401	91.75	100	100	46.85	0.07	0.14	
9368	9402	191.03	100	100	42.83	0.06	0.12	
9369	9403	126.69	100	100	41.11	0.06	0.11	
9370	9404	47.19	100	100	49.98	0.07	0.16	
9371	9405	63.12	100	100	52.76	0.08	0.17	
9372	9406	5.36	100	100	134.30	0.2	0.99	
9373	9407	52.93	100	100	68.58	0.1	0.28	
9374	9408	126.98	100	100	63.30	0.09	0.24	
9375	9409	49.09	100	100	28.64	0.04	0.06	
9376	9410	76.23	100	100	110.56	0.16	0.69	
9377	9411	79.75	100	100	5.41	0.01	0	
9378	9412	123.19	100	100	72.18	0.11	0.31	
9379	9413	58.32	100	100	24.65	0.04	0.04	
9380	9414	33.05	100	100	15.10	0.02	0.02	
9381	9415	106.92	100	100	72.98	0.11	0.32	
9382	9416	66.04	100	100	25.00	0.04	0.04	
9383	9417	73.12	100	100	56.77	0.08	0.2	
9384	9418	50.76	100	100	69.22	0.1	0.29	
9385	9419	127.33	100	100	67.00	0.1	0.27	
9386	9420	112.22	100	100	27.99	0.04	0.05	
9387	9421	95.12	100	100	28.90	0.04	0.06	
9388	9422	9.54	100	100	86.63	0.13	0.44	
9389	9423	35.12	100	100	46.90	0.07	0.14	
9390	9424	30.7	100	100	20.81	0.03	0.03	
9391	9425	134.32	100	100	6.74	0.01	0	
9392	9426	44.83	100	100	14.16	0.02	0.02	
9393	9427	55.82	100	100	132.09	0.19	0.96	
9394	9428	60.57	100	100	39.67	0.06	0.1	
9395	9429	52.33	100	100	5.34	0.01	0	
9396	9430	84.71	100	100	67.27	0.1	0.27	
9397	9431	117.89	100	100	6.53	0.01	0	
9398	9432	256.26	100	100	66.67	0.1	0.27	
9399	9433	181.37	100	100	17.34	0.03	0.02	
9400	9434	59.27	100	100	25.61	0.04	0.05	
9401	9435	230.89	100	100	52.16	0.08	0.17	
9402	9436	52.89	100	100	118.48	0.17	0.78	
9403	9437	130.08	100	100	4.71	0.01	0	
9404	9438	129.62	100	100	49.43	0.07	0.15	
9405	9439	47.62	100	100	48.91	0.07	0.15	
9406	9440	134.37	100	100	21.51	0.03	0.03	
9407	9441	134.2	100	100	14.68	0.02	0.02	
9408	9442	51.42	100	100	74.46	0.11	0.33	
9409	9443	102.45	100	100	53.88	0.08	0.18	
9410	9444	87.94	100	100	42.50	0.06	0.12	
9411	9445	128.84	100	100	0.05	0	0	
9412	9446	49.18	100	100	26.81	0.04	0.05	
9413	9447	68.92	100	100	55.14	0.08	0.19	
9414	9448	137.62	100	100	38.54	0.06	0.1	
9415	9449	138.12	100	100	40.79	0.06	0.11	
9416	9450	133.53	100	100	11.91	0.02	0.01	
9417	9451	100.48	100	100	18.07	0.03	0.02	
9418	9452	83.88	100	100	32.23	0.05	0.07	
9419	9453	156.82	100	100	65.63	0.1	0.26	
9420	9454	58	100	100	45.82	0.07	0.13	
9421	9455	46.93	100	100	103.38	0.15	0.61	
9422	9456	58.41	100	100	196.23	0.29	1.99	
9423	9457	48.6	100	100	110.36	0.16	0.69	
9424	9458	104.48	100	100	22.81	0.03	0.04	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
9425	9459	176.69	100	100	62.56	0.09	0.24	
9426	9460	91.18	100	100	200.90	0.3	2.08	
9427	9461	344.5	100	100	113.37	0.17	0.72	
9428	9462	31.36	100	100	352.31	0.52	5.88	
9429	9463	29.79	100	100	13.51	0.02	0.01	
9430	9464	56.22	100	100	22.12	0.03	0.03	
9431	9465	36.81	100	100	91.01	0.13	0.48	
9432	9466	70.67	100	100	145.49	0.21	1.14	
9433	9467	69.1	100	100	77.70	0.11	0.36	
9434	9468	116.84	100	100	90.52	0.13	0.47	
9435	9469	56.01	100	100	39.39	0.06	0.1	
9436	9470	117.7	100	100	80.16	0.12	0.38	
9437	9471	66.04	100	100	5.46	0.01	0	
9438	9472	20.29	100	100	208.98	0.31	2.24	
9439	9473	50.54	100	100	151.45	0.22	1.23	
9440	9474	91.16	100	100	78.36	0.12	0.36	
9441	9475	121.07	100	100	89.04	0.13	0.46	
9442	9476	177.65	100	100	99.62	0.15	0.57	
9443	9477	192.58	100	100	140.49	0.21	1.07	
9444	9478	169.63	100	100	118.68	0.17	0.78	
9445	9479	66.58	100	100	63.02	0.09	0.24	
9446	9480	55.02	100	100	97.62	0.14	0.55	
9447	9481	37.17	100	100	168.26	0.25	1.5	
9448	9482	91.67	100	100	37.11	0.05	0.09	
9449	9483	27.64	100	100	119.18	0.18	0.79	
9450	9484	36.51	100	100	114.63	0.17	0.74	
9451	9485	161.74	100	100	105.87	0.16	0.63	
9452	9486	50.92	100	100	66.61	0.1	0.27	
9453	9487	80.81	100	100	9.66	0.01	0.01	
9454	9488	44.47	100	100	10.88	0.02	0.01	
9455	9489	40.31	100	100	25.89	0.04	0.05	
9456	9490	96.45	100	100	17.48	0.03	0.02	
9457	9491	85.8	100	100	64.56	0.1	0.25	
9458	9492	82.26	100	100	1.27	0	0	
9459	9493	78.87	100	100	66.60	0.1	0.27	
9460	9494	112.8	100	100	82.05	0.12	0.4	
9461	9495	166.8	100	100	50.72	0.07	0.16	
9462	9496	151.9	100	100	84.82	0.12	0.42	
9463	9497	22.86	100	100	210.51	0.31	2.27	
9464	9498	184.54	100	100	31.13	0.05	0.07	
9465	9499	42.81	100	100	135.36	0.2	1	
9466	9500	45.91	100	100	47.27	0.07	0.14	
9467	9501	57.24	100	100	38.58	0.06	0.1	
9468	9502	101.43	100	100	45.62	0.07	0.13	
9469	9503	59.84	100	100	51.68	0.08	0.17	
9470	9504	57.17	100	100	34.97	0.05	0.08	
9471	9505	115.5	100	100	26.10	0.04	0.05	
9472	9506	30.23	100	100	33.52	0.05	0.08	
9473	9507	92.28	100	100	19.60	0.03	0.03	
9474	9508	105.15	100	100	18.66	0.03	0.03	
9475	9509	102.13	100	100	48.58	0.07	0.15	
9476	9510	107.72	100	100	40.49	0.06	0.11	
9477	9511	50.38	100	100	37.63	0.06	0.09	
9478	9512	114.15	100	100	41.68	0.06	0.11	
9479	9513	54.17	100	100	35.23	0.05	0.08	
9480	9514	79.5	100	100	32.95	0.05	0.07	
9481	9515	61.71	100	100	33.54	0.05	0.08	
9482	9516	149.22	100	100	33.46	0.05	0.08	
9483	9517	109.16	100	100	3.37	0	0	
9484	9518	57.68	100	100	76.13	0.11	0.34	
9485	9519	55.37	100	100	88.66	0.13	0.46	
9486	9520	448.82	100	100	1.22	0	0	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
9487	9521	160.06	100	100	7.23	0.01	0	
9488	9522	49.48	100	100	19.92	0.03	0.03	
9489	9523	100.54	100	100	95.06	0.14	0.52	
9490	9524	155.95	100	100	60.31	0.09	0.22	
9491	9525	156.47	100	100	91.85	0.14	0.49	
9492	9526	43.19	100	100	75.51	0.11	0.34	
9493	9527	67.03	100	100	166.27	0.25	1.46	
9494	9528	50.18	100	100	139.20	0.21	1.05	
9495	9529	30.38	100	100	87.49	0.13	0.45	
9496	9530	62.15	100	100	24.27	0.04	0.04	
9497	9531	73.75	100	100	121.80	0.18	0.82	
9498	9532	138.84	100	100	51.73	0.08	0.17	
9499	9533	132.51	100	100	0.00	0	0	
9500	9534	159.55	100	100	80.28	0.12	0.38	
9501	9535	1.63	100	100	153.22	0.23	1.26	
9502	9536	111.63	100	100	60.06	0.09	0.22	
9503	9537	27.8	100	100	0.77	0	0	
9504	9538	21.94	100	100	0.95	0	0	
9505	9539	114.36	100	100	18.43	0.03	0.02	
9506	9540	29.25	100	100	19.81	0.03	0.03	
9507	9541	114.52	100	100	21.16	0.03	0.03	
9508	9542	33.87	100	100	9.03	0.01	0.01	
9509	9543	113.34	100	100	21.78	0.03	0.03	
9510	9544	34.75	100	100	4.31	0.01	0	
9511	9545	140.86	100	100	6.21	0.01	0	
9512	9546	49.98	100	100	46.05	0.07	0.14	
9513	9547	48.06	100	100	60.19	0.09	0.22	
9514	9548	24.61	100	100	92.47	0.14	0.49	
9515	9549	116.74	100	100	2.82	0	0	
9516	9550	130.59	100	100	26.38	0.04	0.05	
9517	9551	39.45	100	100	123.47	0.18	0.84	
9518	9552	138.69	100	100	48.88	0.07	0.15	
9519	9553	10.7	100	100	192.19	0.28	1.91	
9520	9554	429.49	100	100	12.13	0.02	0.01	
9521	9555	44.04	100	100	2.02	0	0	
9522	9556	111.87	100	100	28.08	0.04	0.05	
9523	9557	50.97	100	100	118.20	0.17	0.78	
9524	9558	51.12	100	100	6.40	0.01	0	
9525	9559	111.32	100	100	83.55	0.12	0.41	
9526	9560	54.82	100	100	210.31	0.31	2.26	
9527	9561	31.9	100	100	139.43	0.21	1.06	
9528	9562	35.17	100	100	42.27	0.06	0.12	
9529	9563	55.45	100	100	121.36	0.18	0.82	
9530	9564	54.6	100	100	289.41	0.43	4.09	
9531	9565	37.24	100	100	81.31	0.12	0.39	
9532	9566	24.76	100	100	66.31	0.1	0.27	
9533	9567	72.06	100	100	216.25	0.32	2.38	
9534	9568	47.37	100	100	19.68	0.03	0.03	
9535	9569	74.75	100	100	35.13	0.05	0.08	
9536	9570	56.71	100	100	68.37	0.1	0.28	
9537	9571	33.62	100	100	98.83	0.15	0.56	
9538	9572	104.43	100	100	77.59	0.11	0.36	
9539	9573	107.93	100	100	17.61	0.03	0.02	
9540	9574	78.69	100	100	50.29	0.07	0.16	
9541	9575	63.38	100	100	112.07	0.17	0.71	
9542	9576	58.89	100	100	56.98	0.08	0.2	
9543	9577	151.24	100	100	139.02	0.2	1.05	
9544	9578	331.68	100	100	5.11	0.01	0	
9545	9579	231.56	100	100	59.82	0.09	0.22	
9546	9580	169.21	100	100	45.92	0.07	0.14	
9547	9581	225.21	100	100	106.26	0.16	0.64	
9548	9582	118.13	100	100	99.57	0.15	0.57	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
9549	9583	42.53	100	100	52.84	0.08	0.18	
9550	9584	27.2	100	100	102.47	0.15	0.6	
9551	9585	98.67	100	100	15.91	0.02	0.02	
9552	9586	75.43	100	100	78.90	0.12	0.37	
9553	9587	153.89	100	100	144.05	0.21	1.12	
9554	9588	19.45	100	100	199.71	0.29	2.06	
9555	9589	618.95	100	100	55.86	0.08	0.19	
9556	9590	253.71	100	100	14.49	0.02	0.02	
9557	9591	337.4	100	100	22.05	0.03	0.03	
9558	9592	110.76	100	100	60.82	0.09	0.23	
9559	9593	101.79	100	100	31.51	0.05	0.07	
9560	9594	102.92	100	100	60.88	0.09	0.23	
9561	9595	40.36	100	100	109.67	0.16	0.68	
9562	9596	51.48	100	100	28.57	0.04	0.06	
9563	9597	41.3	100	100	48.58	0.07	0.15	
9564	9598	187.21	100	100	10.81	0.02	0.01	
9565	9599	52.36	100	100	88.89	0.13	0.46	
9566	9600	47.06	100	100	18.62	0.03	0.03	
9567	9601	58.99	100	100	63.42	0.09	0.25	
9568	9602	48.14	100	100	30.56	0.05	0.06	
9569	9603	64.37	100	100	84.33	0.12	0.42	
9570	9604	52.58	100	100	35.74	0.05	0.08	
9571	9605	40.74	100	100	46.45	0.07	0.14	
9572	9606	29.34	100	100	12.99	0.02	0.01	
9573	9607	21.15	100	100	6.74	0.01	0	
9574	9608	88.74	100	100	8.21	0.01	0.01	
9575	9609	99.5	100	100	8.39	0.01	0.01	
9576	9610	285.55	100	100	96.92	0.14	0.54	
9577	9611	195.84	100	100	4.23	0.01	0	
9578	9612	67.49	100	100	72.11	0.11	0.31	
9579	9613	56.29	100	100	34.21	0.05	0.08	
9580	9614	56.05	100	100	1.77	0	0	
9581	9615	100.98	100	100	23.55	0.03	0.04	
9582	9616	258.07	100	100	8.67	0.01	0.01	
9583	9617	136.56	100	100	67.09	0.1	0.27	
9584	9618	41.81	100	100	20.40	0.03	0.03	
9585	9619	52.22	100	100	19.09	0.03	0.03	
9586	9620	48.44	100	100	17.58	0.03	0.02	
9587	9621	129.87	100	100	35.35	0.05	0.08	
9588	9622	46.69	100	100	6.54	0.01	0	
9589	9623	109.24	100	100	60.27	0.09	0.22	
9590	9624	60.35	100	100	61.48	0.09	0.23	
9591	9625	135.56	100	100	57.04	0.08	0.2	
9592	9626	72.65	100	100	60.98	0.09	0.23	
9593	9627	122.09	100	100	94.52	0.14	0.51	
9594	9628	67.67	100	100	51.17	0.08	0.17	
9595	9629	53.85	100	100	42.36	0.06	0.12	
9596	9630	58.39	100	100	33.86	0.05	0.08	
9597	9631	69.8	100	100	58.27	0.09	0.21	
9598	9632	59.46	100	100	40.95	0.06	0.11	
9599	9633	150.07	100	100	43.94	0.06	0.12	
9600	9634	144.5	100	100	54.34	0.08	0.18	
9601	9635	187.16	100	100	67.65	0.1	0.28	
9602	9636	180.7	100	100	68.94	0.1	0.29	
9603	9637	131.88	100	100	56.74	0.08	0.2	
9604	9638	27.51	100	100	82.73	0.12	0.4	
9605	9639	47.44	100	100	37.79	0.06	0.09	
9606	9640	93.38	100	100	76.08	0.11	0.34	
9607	9641	79.83	100	100	85.69	0.13	0.43	
9608	9642	243	100	100	90.24	0.13	0.47	
9609	9643	74.05	100	100	104.17	0.15	0.62	
9610	9644	42.25	100	100	40.35	0.06	0.11	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
9611	9645	96.22	100	100	7.40	0.01	0	
9612	9646	119.65	100	100	45.96	0.07	0.14	
9613	9647	95.03	100	100	10.17	0.01	0.01	
9614	9648	69.49	100	100	45.36	0.07	0.13	
9615	9649	58.28	100	100	65.22	0.1	0.26	
9616	9650	212.6	100	100	67.36	0.1	0.27	
9617	9651	160.39	100	100	19.51	0.03	0.03	
9618	9652	160.12	100	100	45.44	0.07	0.13	
9619	9653	52	100	100	29.82	0.04	0.06	
9620	9654	101.97	100	100	32.08	0.05	0.07	
9621	9655	94.97	100	100	33.16	0.05	0.07	
9622	9656	50.55	100	100	24.24	0.04	0.04	
9623	9657	102.34	100	100	29.32	0.04	0.06	
9624	9658	94.61	100	100	33.28	0.05	0.07	
9625	9659	58.93	100	100	74.05	0.11	0.33	
9626	9660	97.16	100	100	91.27	0.13	0.48	
9627	9661	158.79	100	100	52.87	0.08	0.18	
9628	9662	58.24	100	100	63.86	0.09	0.25	
9629	9663	59.56	100	100	47.43	0.07	0.14	
9630	9664	39.25	100	100	343.65	0.51	5.62	
9631	9665	213.08	100	100	12.74	0.02	0.01	
9632	9666	246.81	100	100	37.54	0.06	0.09	
9633	9667	123.38	100	100	30.10	0.04	0.06	
9634	9668	55.13	100	100	65.82	0.1	0.26	
9635	9669	39.17	100	100	95.07	0.14	0.52	
9636	9670	62.98	100	100	181.98	0.27	1.73	
9637	9671	120.17	100	100	30.86	0.05	0.06	
9638	9672	50.42	100	100	24.39	0.04	0.04	
9639	9673	47.59	100	100	28.37	0.04	0.06	
9640	9674	71.59	100	100	145.52	0.21	1.14	
9641	9675	82.95	100	100	72.90	0.11	0.32	
9642	9676	76.87	100	100	57.45	0.08	0.2	
9643	9677	52.17	100	100	120.39	0.18	0.81	
9644	9678	62.79	100	100	99.04	0.15	0.56	
9645	9679	89.61	100	100	63.33	0.09	0.24	
9646	9680	86.4	100	100	100.59	0.15	0.58	
9647	9681	63.4	100	100	139.00	0.2	1.05	
9648	9682	96.94	100	100	27.38	0.04	0.05	
9649	9683	51.33	100	100	51.99	0.08	0.17	
9650	9684	59.07	100	100	357.55	0.53	6.04	
9651	9685	21.43	100	100	30.26	0.04	0.06	
9652	9686	32.33	100	100	56.90	0.08	0.2	
9653	9687	70.48	100	100	76.07	0.11	0.34	
9654	9688	62.61	100	100	98.04	0.14	0.55	
9655	9689	60.1	100	100	30.55	0.05	0.06	
9656	9690	70.86	100	100	120.01	0.18	0.8	
9657	9691	67.21	100	100	53.86	0.08	0.18	
9658	9692	70.9	100	100	78.04	0.12	0.36	
9659	9693	70.16	100	100	3.51	0.01	0	
9660	9694	56.13	100	100	69.07	0.1	0.29	
9661	9695	49.28	100	100	128.90	0.19	0.91	
9662	9696	132.43	100	100	87.81	0.13	0.45	
9663	9697	101.92	100	100	26.10	0.04	0.05	
9664	9698	112.99	100	100	83.21	0.12	0.41	
9665	9699	58.6	100	100	58.33	0.09	0.21	
9666	9700	63.97	100	100	50.80	0.07	0.16	
9667	9701	65.91	100	100	37.41	0.06	0.09	
9668	9702	55.72	100	100	10.53	0.02	0.01	
9669	9703	54.98	100	100	112.52	0.17	0.71	
9670	9704	111.64	100	100	29.98	0.04	0.06	
9671	9705	41.23	100	100	15.57	0.02	0.02	
9672	9706	119.69	100	100	100.28	0.15	0.57	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
9673	9707	47.14	100	100	153.60	0.23	1.26	
9674	9708	49.83	100	100	75.69	0.11	0.34	
9675	9709	55.53	100	100	10.24	0.02	0.01	
9676	9710	157.91	100	100	111.54	0.16	0.7	
9677	9711	54.92	100	100	34.36	0.05	0.08	
9678	9712	80.38	100	100	24.52	0.04	0.04	
9679	9713	49.12	100	100	7.84	0.01	0.01	
9680	9714	45.87	100	100	5.51	0.01	0	
9681	9715	448.22	100	100	54.85	0.08	0.19	
9682	9716	37.43	100	100	162.97	0.24	1.41	
9683	9717	214.45	100	100	13.17	0.02	0.01	
9684	9718	372.95	100	100	9.83	0.01	0.01	
9685	9719	59.07	100	100	63.05	0.09	0.24	
9686	9720	61.2	100	100	11.05	0.02	0.01	
9687	9721	30.07	100	100	56.21	0.08	0.2	
9688	9722	290.52	100	100	98.60	0.15	0.56	
9689	9723	69.92	100	100	49.14	0.07	0.15	
9690	9724	78.01	100	100	10.40	0.02	0.01	
9691	9725	307.25	100	100	127.09	0.19	0.89	
9692	9726	66.12	100	100	10.07	0.01	0.01	
9693	9727	156.97	100	100	70.81	0.1	0.3	
9694	9728	129.53	100	100	75.45	0.11	0.34	
9695	9729	95.5	100	100	165.38	0.24	1.45	
9696	9730	199.75	100	100	46.87	0.07	0.14	
9697	9731	91.27	100	100	12.88	0.02	0.01	
9698	9732	66.32	100	100	10.24	0.02	0.01	
9699	9733	94.47	100	100	48.73	0.07	0.15	
9700	9734	45.05	100	100	100.92	0.15	0.58	
9701	9735	52.45	100	100	28.56	0.04	0.06	
9702	9736	22.79	100	100	28.97	0.04	0.06	
9703	9737	117.2	100	100	31.14	0.05	0.07	
9704	9738	30.49	100	100	20.27	0.03	0.03	
9705	9739	88.87	100	100	42.44	0.06	0.12	
9706	9740	51.07	100	100	8.32	0.01	0.01	
9707	9741	90.16	100	100	6.75	0.01	0	
9708	9742	66.57	150	100	1,226.33	0.8	8.22	
9709	9743	104.12	100	100	19.22	0.03	0.03	
9710	9744	60.46	100	100	10.82	0.02	0.01	
9711	9745	92.27	100	100	7.04	0.01	0	
9712	9746	134.43	100	100	13.80	0.02	0.01	
9713	9747	38.87	100	100	91.03	0.13	0.48	
9714	9748	90.26	100	100	17.35	0.03	0.02	
9715	9749	100.26	100	100	28.63	0.04	0.06	
9716	9750	76.81	100	100	42.41	0.06	0.12	
9717	9751	64.24	100	100	6.65	0.01	0	
9718	9752	71.57	100	100	18.78	0.03	0.02	
9719	9753	63.33	100	100	37.86	0.06	0.09	
9720	9754	122.71	100	100	12.85	0.02	0.01	
9721	9755	128.04	100	100	96.30	0.14	0.53	
9722	9756	83.75	100	100	95.93	0.14	0.53	
9723	9757	86.92	100	100	29.36	0.04	0.06	
9724	9758	82.81	100	100	22.04	0.03	0.03	
9725	9759	94.99	100	100	97.85	0.14	0.55	
9726	9760	106.1	100	100	15.52	0.02	0.02	
9727	9761	65.13	100	100	75.89	0.11	0.34	
9728	9762	22.96	100	100	2.76	0	0	
9729	9763	166.11	100	100	10.95	0.02	0.01	
9730	9764	73.27	100	100	47.41	0.07	0.14	
9731	9765	14.5	100	100	88.40	0.13	0.45	
9732	9766	196.32	100	100	0.01	0	0	
9733	9767	109.55	100	100	76.48	0.11	0.35	
9734	9768	105.55	100	100	4.75	0.01	0	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
9735	9769	73.31	100	100	53.23	0.08	0.18	
9736	9770	65.86	100	100	20.36	0.03	0.03	
9737	9771	75.34	100	100	12.40	0.02	0.01	
9738	9772	25.5	100	100	7.31	0.01	0	
9739	9773	94.27	100	100	42.33	0.06	0.12	
9740	9774	124.87	100	100	88.78	0.13	0.46	
9741	9775	226.73	100	100	36.77	0.05	0.09	
9742	9776	129.49	100	100	13.61	0.02	0.01	
9743	9777	22.27	100	100	184.17	0.27	1.77	
9744	9778	114.68	100	100	71.95	0.11	0.31	
9745	9779	177.76	100	100	3.76	0.01	0	
9746	9780	60.18	100	100	40.79	0.06	0.11	
9747	9781	12.32	100	100	55.79	0.08	0.19	
9748	9782	62.69	100	100	187.16	0.28	1.82	
9749	9783	103.12	100	100	9.97	0.01	0.01	
9750	9784	97.06	100	100	85.35	0.13	0.43	
9751	9785	79.1	100	100	38.39	0.06	0.1	
9752	9786	110.9	100	100	65.41	0.1	0.26	
9753	9787	18.16	100	100	173.61	0.26	1.59	
9754	9788	12.23	100	100	33.79	0.05	0.08	
9755	9789	97.4	100	100	0.01	0	0	
9756	9790	13.86	100	100	384.50	0.57	6.92	
9757	9791	10.79	100	100	226.76	0.33	2.6	
9758	9792	137.74	100	100	66.46	0.1	0.27	
9759	9793	104.57	100	100	176.36	0.26	1.63	
9760	9794	118.01	100	100	29.94	0.04	0.06	
9761	9795	19.67	100	100	14.71	0.02	0.02	
9762	9796	61.44	100	100	62.25	0.09	0.24	
9763	9797	142.95	100	100	117.60	0.17	0.77	
9764	9798	227.96	250	100	76.78	0.02	0	
9765	9799	35.43	100	100	1.27	0	0	
9766	9800	109.09	100	100	7.12	0.01	0	
9767	9801	124.25	100	100	150.18	0.22	1.21	
9768	9802	129.46	100	100	137.35	0.2	1.03	
9769	9803	39.21	100	100	76.59	0.11	0.35	
9770	9804	10	100	100	51.65	0.08	0.17	
9771	9805	104	100	100	27.99	0.04	0.05	
9772	9806	39.04	100	100	99.66	0.15	0.57	
9773	9807	84.37	100	100	42.38	0.06	0.12	
9774	9808	78.83	100	100	97.29	0.14	0.54	
9775	9809	85.28	100	100	66.03	0.1	0.26	
9776	9810	91.21	100	100	35.90	0.05	0.09	
9777	9811	89.48	100	100	18.66	0.03	0.03	
9778	9812	99.59	100	100	28.20	0.04	0.05	
9779	9814	81.79	100	100	69.00	0.1	0.29	
9780	9815	51.45	100	100	190.51	0.28	1.88	
9781	9816	86.42	100	100	112.62	0.17	0.71	
9782	9817	115.85	100	100	74.42	0.11	0.33	
9783	9818	51.18	100	100	15.31	0.02	0.02	
9784	9819	78.57	100	100	83.85	0.12	0.41	
9785	9820	300.86	100	100	25.79	0.04	0.05	
9786	9821	419.88	100	100	30.64	0.05	0.06	
9787	9822	67.26	100	100	116.24	0.17	0.75	
9788	9823	25.84	100	100	0.33	0	0	
9789	9824	176.43	100	100	6.90	0.01	0	
9790	9825	125.42	100	100	35.05	0.05	0.08	
9791	9826	45.68	100	100	30.05	0.04	0.06	
9792	9827	75.95	100	100	64.78	0.1	0.26	
9793	9828	355.16	100	100	0.00	0	0	
9794	9829	108.85	100	100	29.90	0.04	0.06	
9795	9830	46.4	100	100	34.44	0.05	0.08	
9796	9831	102.34	100	100	329.08	0.48	5.18	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
9797	9832	44.71	100	100	81.79	0.12	0.39	
9798	9833	81.58	100	100	140.51	0.21	1.07	
9799	9834	195.04	100	100	243.50	0.36	2.97	
9800	9835	48.57	100	100	101.69	0.15	0.59	
9801	9836	49.67	100	100	130.42	0.19	0.93	
9802	9837	50.41	100	100	32.04	0.05	0.07	
9803	9838	141.12	100	100	2.07	0	0	
9804	9839	117.18	100	100	14.99	0.02	0.02	
9805	9840	337.26	100	100	26.79	0.04	0.05	
9806	9841	937.32	100	100	20.93	0.03	0.03	
9807	9842	262.11	100	100	26.36	0.04	0.05	
9808	9843	90.43	100	100	13.70	0.02	0.01	
9809	9844	141.24	100	100	85.67	0.13	0.43	
9810	9845	68.32	100	100	42.37	0.06	0.12	
9811	9846	143.6	100	100	94.21	0.14	0.51	
9812	9847	181.53	100	100	96.62	0.14	0.54	
9813	9848	107.04	100	100	95.85	0.14	0.53	
9814	9849	144.84	100	100	62.92	0.09	0.24	
9815	9850	127.29	100	100	36.65	0.05	0.09	
9816	9851	93.2	100	100	64.84	0.1	0.26	
9817	9852	49.14	100	100	117.06	0.17	0.76	
9818	9853	52.93	100	100	74.39	0.11	0.33	
9819	9854	115.66	100	100	59.44	0.09	0.22	
9820	9855	44.71	100	100	42.15	0.06	0.12	
9821	9856	113.44	100	100	51.07	0.08	0.16	
9822	9857	157.08	100	100	118.28	0.17	0.78	
9823	9858	144.86	100	100	131.12	0.19	0.94	
9824	9859	228.05	100	100	167.96	0.25	1.49	
9825	9860	122.31	100	100	47.71	0.07	0.14	
9826	9861	244.77	100	100	18.40	0.03	0.02	
9827	9862	91.19	100	100	24.65	0.04	0.04	
9828	9863	115.85	100	100	29.34	0.04	0.06	
9829	9864	53.83	100	100	48.72	0.07	0.15	
9830	9865	54.4	100	100	70.73	0.1	0.3	
9831	9866	90.56	100	100	238.32	0.35	2.85	
9832	9867	104.76	100	100	33.63	0.05	0.08	
9833	9868	74.49	100	100	29.60	0.04	0.06	
9834	9869	103.99	100	100	6.71	0.01	0	
9835	9870	42.69	100	100	28.43	0.04	0.06	
9836	9871	70.57	100	100	15.45	0.02	0.02	
9837	9872	25.27	100	100	0.00	0	0	
9838	9873	112.13	100	100	39.11	0.06	0.1	
9839	9874	20.95	100	100	160.09	0.24	1.36	
9840	9875	53.27	100	100	59.10	0.09	0.22	
9841	9876	89.4	100	100	55.35	0.08	0.19	
9842	9877	264.12	100	100	10.86	0.02	0.01	
9843	9878	25.84	100	100	69.12	0.1	0.29	
9844	9879	149.84	100	100	24.72	0.04	0.04	
9845	9880	49.12	100	100	109.82	0.16	0.68	
9846	9881	146.21	100	100	147.15	0.22	1.17	
9847	9882	164.48	100	100	70.98	0.1	0.3	
9848	9883	142.99	100	100	43.46	0.06	0.12	
9849	9884	259.24	100	100	28.88	0.04	0.06	
9850	9885	69.55	100	100	57.19	0.08	0.2	
9851	9886	189.81	100	100	46.03	0.07	0.14	
9852	9887	257.62	250	100	1,992.98	0.47	1.68	
9853	9888	451.44	500	100	9,588.11	0.57	1.05	
9854	9889	1.4	150	100	226.55	0.15	0.36	
9855	9890	291.08	100	100	441.35	0.65	8.93	
9856	9891	35.11	100	100	441.35	0.65	8.93	
9857	9892	17.82	150	100	1,527.63	1	12.35	
9858	9893	148.13	200	100	4.34	0	0	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
9859	9894	849.86	700	100	3.998.39	0.12	0.04	
9860	9895	1729.42	2300	100	118.802.30	0.33	0.07	
9861	9896	7.33	700	100	17.105.43	0.51	0.6	
9862	9897	86.79	100	100	9.89	0.01	0.01	
9863	9898	12.4	150	100	257.11	0.17	0.46	
9864	9899	14.24	100	100	20.21	0.03	0.03	
9865	9900	146.54	100	100	0.01	0	0	
9866	9901	51.22	100	100	52.61	0.08	0.17	
9867	9902	651.29	1650	100	0.00	0	0	
9868	9903	516.08	600	100	4.294.59	0.18	0.1	
9869	9904	1709.86	600	100	16.222.38	0.66	1.15	
9870	9905	71.54	150	100	168.27	0.11	0.21	
9871	9906	26.27	100	100	102.87	0.15	0.6	
9872	9907	63.48	200	100	498.97	0.18	0.38	
9873	9908	1392.37	800	100	6.575.55	0.15	0.05	
9874	9909	106.46	100	100	282.94	0.42	3.92	
9875	9910	170.88	100	100	36.96	0.05	0.09	
9876	9911	217.6	100	100	87.21	0.13	0.44	
9877	9912	164.58	100	100	0.71	0	0	
9878	9913	143.32	100	100	81.72	0.12	0.39	
9879	9914	277.51	100	100	115.86	0.17	0.75	
9880	9915	277.23	200	100	1.190.67	0.44	1.92	
9881	9916	580.15	1650	100	68.187.98	0.37	0.12	
9882	9917	142.69	150	100	376.60	0.25	0.92	
9883	9918	596.03	800	100	43.668.42	1.01	1.77	
9884	9919	79.66	200	100	170.52	0.06	0.05	
9885	9920	22.07	150	100	0.01	0	0	
9886	9921	10.56	150	100	1.490.00	0.98	11.79	
9887	9922	154.48	150	100	325.43	0.21	0.7	
9888	9923	28.7	100	100	235.45	0.35	2.79	
9889	9924	5.15	100	100	384.50	0.57	6.91	
9890	9925	136.82	1650	100	99.662.10	0.54	0.24	
9891	9926	96.43	400	100	2.579.42	0.24	0.27	
9892	9927	404.38	600	100	21.806.09	0.89	1.98	
9893	9928	1982.69	80	100	249.88	0.58	9.23	
9894	9929	398.34	800	100	7.911.86	0.18	0.07	
9895	9930	1341.51	900	100	61.191.38	1.11	1.86	
9896	9931	488.93	150	100	241.77	0.16	0.41	
9897	9932	74.88	100	100	42.81	0.06	0.12	
9898	9933	12.05	150	100	619.36	0.41	2.32	
9899	9934	32.34	150	100	88.92	0.06	0.06	
9900	9935	6.68	200	100	628.78	0.23	0.59	
9901	9936	6.21	300	100	2.897.99	0.47	1.38	
9902	9937	18.18	80	100	50.63	0.12	0.48	
9903	9938	41.95	80	100	12.30	0.03	0.03	
9904	9939	31.85	150	100	13.01	0.01	0	
9905	9940	14.66	300	100	2.664.18	0.44	1.18	
9906	9941	34.95	100	100	59.44	0.09	0.22	
9907	9942	33.93	100	100	35.27	0.05	0.08	
9908	9943	35.62	100	100	27.58	0.04	0.05	
9909	9944	41.03	100	100	40.31	0.06	0.11	
9910	9945	29.12	100	100	10.06	0.01	0.01	
9911	9946	18	100	100	220.13	0.32	2.46	
9912	9947	33.62	100	100	3.11	0	0	
9913	9948	41.22	100	100	152.44	0.22	1.25	
9914	9949	60.38	150	100	9.30	0.01	0	
9915	9950	59.22	150	100	20.44	0.01	0	
9916	9951	9.41	150	100	270.56	0.18	0.5	
9917	9952	1.35	150	100	76.71	0.05	0.05	
9918	9953	32.66	200	100	169.73	0.06	0.05	
9919	9954	17.65	250	100	0.00	0	0	
9920	9955	4.28	300	100	669.19	0.11	0.09	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
9921	9956	14.75	300	100	2,350.12	0.38	0.94	
9922	9957	61.19	80	100	7.76	0.02	0.01	
9923	9958	66.95	100	100	44.13	0.07	0.13	
9924	9959	9.6	100	100	12.80	0.02	0.01	
9925	9960	9.15	300	100	804.20	0.13	0.13	
9926	9961	136.09	100	100	4.68	0.01	0	
9927	9962	10.29	100	100	21.90	0.03	0.03	
9928	9963	5.41	100	100	0.00	0	0	
9929	9964	65.05	100	100	12.02	0.02	0.01	
9930	9965	6.87	150	100	27.00	0.02	0.01	
9931	9966	43.91	150	100	69.68	0.05	0.04	
9932	9967	13.47	150	100	86.89	0.06	0.06	
9933	9968	62.44	150	100	121.31	0.08	0.11	
9934	9969	126.67	150	100	1,280.70	0.84	8.91	
9935	9970	23.21	150	100	223.38	0.15	0.35	
9936	9971	2.49	150	100	30.87	0.02	0.01	
9937	9972	17.1	1650	100	7,239.25	0.04	0	
9938	9973	174.89	200	100	983.75	0.36	1.35	
9939	9974	77.45	100	100	216.62	0.32	2.39	
9940	9975	102.83	100	100	8.59	0.01	0.01	
9941	9976	59.36	100	100	44.03	0.06	0.13	
9942	9977	152.05	150	100	29.86	0.02	0.01	
9943	9978	74.06	100	100	0.40	0	0	
9944	9979	45.18	150	100	23.44	0.02	0.01	
9945	9980	17.16	150	100	133.74	0.09	0.14	
9946	9982	56.23	80	100	5.94	0.01	0.01	
9947	9983	287.56	100	100	13.84	0.02	0.01	
9948	9984	152.78	80	100	29.35	0.07	0.17	
9949	9985	87.91	100	100	327.52	0.48	5.14	
9950	9986	140.04	150	100	215.97	0.14	0.33	
9951	9987	60.75	150	100	294.13	0.19	0.58	
9952	9988	78.36	150	100	11.31	0.01	0	
9953	9989	76.83	150	100	47.26	0.03	0.02	
9954	9990	138.96	100	100	10.53	0.02	0.01	
9955	9991	30.93	150	100	115.04	0.08	0.1	
9956	9992	16.91	150	100	85.45	0.06	0.06	
9957	9993	65.45	150	100	43.18	0.03	0.02	
9958	9994	104.02	100	100	33.14	0.05	0.07	
9959	9995	126.33	200	100	113.35	0.04	0.02	
9960	9996	66.25	300	100	1,513.18	0.25	0.41	
9961	9997	180.37	200	100	354.86	0.13	0.2	
9962	9998	92.01	200	100	9.84	0	0	
9963	9999	345.95	200	100	964.98	0.36	1.3	
9964	10000	134.56	100	100	32.10	0.05	0.07	
9965	10001	77.7	150	100	46.30	0.03	0.02	
9966	10002	11.23	150	100	62.72	0.04	0.03	
9967	10003	55.15	100	100	70.28	0.1	0.3	
9968	10004	68.48	200	100	124.23	0.05	0.03	
9969	10005	76.16	150	100	185.79	0.12	0.25	
9970	10006	129.55	150	100	146.96	0.1	0.16	
9971	10007	121.02	80	100	31.74	0.07	0.2	
9972	10008	79.33	150	100	246.86	0.16	0.42	
9973	10009	120.63	100	100	104.13	0.15	0.62	
9974	10010	74.71	150	100	76.12	0.05	0.05	
9975	10011	126.74	150	100	176.74	0.12	0.23	
9976	10012	115.67	80	100	20.57	0.05	0.09	
9977	10013	78.82	100	100	29.68	0.04	0.06	
9978	10014	78.75	100	100	48.66	0.07	0.15	
9979	10015	111.89	150	100	117.07	0.08	0.11	
9980	10016	37.91	100	100	28.50	0.04	0.06	
9981	10017	43.84	80	100	4.57	0.01	0	
9982	10018	37.39	400	100	516.05	0.05	0.01	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
9983	10019	36.5	200	100	71.65	0.03	0.01	
9984	10020	51.43	80	100	31.20	0.07	0.2	
9985	10021	30.38	80	100	35.80	0.08	0.25	
9986	10022	75.7	100	100	141.02	0.21	1.08	
9987	10023	42.33	150	100	512.85	0.34	1.64	
9988	10024	71.48	100	100	109.89	0.16	0.68	
9989	10025	82.84	80	100	77.30	0.18	1.05	
9990	10026	74.67	100	100	84.37	0.12	0.42	
9991	10027	141.17	100	100	5.34	0.01	0	
9992	10028	91.35	100	100	69.15	0.1	0.29	
9993	10029	77.99	100	100	74.12	0.11	0.33	
9994	10030	56.89	100	100	142.51	0.21	1.1	
9995	10031	74.33	100	100	65.24	0.1	0.26	
9996	10032	171.62	100	100	82.48	0.12	0.4	
9997	10033	67.06	150	100	505.88	0.33	1.6	
9998	10034	68.6	150	100	784.39	0.51	3.59	
9999	10035	38.77	150	100	377.47	0.25	0.93	
10000	10036	190.99	150	100	339.74	0.22	0.76	
10001	10037	132.22	100	100	111.89	0.16	0.7	
10002	10038	61.53	100	100	125.73	0.19	0.87	
10003	10039	57.44	80	100	79.86	0.18	1.12	
10004	10040	210.37	80	100	69.59	0.16	0.87	
10005	10041	144.98	150	100	200.28	0.13	0.29	
10006	10042	103.46	150	100	13.01	0.01	0	
10007	10043	65.93	150	100	253.42	0.17	0.44	
10008	10044	134.34	100	100	134.15	0.2	0.98	
10009	10045	97.43	100	100	127.71	0.19	0.9	
10010	10046	128.13	150	100	82.64	0.05	0.06	
10011	10047	68.26	150	100	379.59	0.25	0.94	
10012	10048	151.66	150	100	483.00	0.32	1.46	
10013	10049	9.89	150	100	155.16	0.1	0.18	
10014	10050	76.58	150	100	836.64	0.55	4.05	
10015	10051	12.38	300	100	1,083.21	0.18	0.22	
10016	10052	22.74	150	100	486.27	0.32	1.48	
10017	10053	135.03	80	100	6.68	0.02	0.01	
10018	10054	109.94	80	100	13.16	0.03	0.04	
10019	10055	68.77	80	100	54.39	0.13	0.55	
10020	10056	71.64	80	100	117.53	0.27	2.28	
10021	10057	67.52	100	100	83.61	0.12	0.41	
10022	10058	64.13	100	100	158.39	0.23	1.34	
10023	10059	67.43	80	100	392.97	0.9	21.35	
10024	10060	77.02	100	100	174.21	0.26	1.6	
10025	10061	19.9	350	100	281.88	0.03	0.01	
10026	10062	126.41	350	100	227.91	0.03	0.01	
10027	10063	106.88	350	100	1,130.96	0.14	0.11	
10028	10064	121.75	300	100	1,315.44	0.22	0.32	
10029	10065	33.65	300	100	3,230.52	0.53	1.69	
10030	10066	72.46	300	100	2,374.14	0.39	0.95	
10031	10067	121.72	300	100	2,342.76	0.38	0.93	
10032	10068	125.68	300	100	2,611.79	0.43	1.14	
10033	10069	78.06	300	100	6,104.18	1	5.49	
10034	10070	69.85	200	100	1,136.70	0.42	1.76	
10035	10071	67.6	200	100	1,043.62	0.38	1.5	
10036	10072	77.29	200	100	910.08	0.34	1.17	
10037	10073	203.3	200	100	86.22	0.03	0.01	
10038	10074	128.91	150	100	118.72	0.08	0.11	
10039	10075	120.82	150	100	379.06	0.25	0.93	
10040	10076	62.05	100	100	57.87	0.09	0.21	
10041	10077	101.08	100	100	29.57	0.04	0.06	
10042	10078	268.98	100	100	76.07	0.11	0.34	
10043	10079	138.05	150	100	272.42	0.18	0.51	
10044	10080	261.57	150	100	600.32	0.39	2.19	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
10045	10081	147.81	150	100	519.23	0.34	1.67	
10046	10082	397.99	150	100	619.23	0.41	2.32	
10047	10083	41.64	100	100	503.50	0.74	11.39	
10048	10084	4.85	300	100	7,250.20	1.19	7.55	
10049	10085	124.94	400	100	1,849.38	0.17	0.15	
10050	10086	69.38	150	100	102.34	0.07	0.08	
10051	10087	114.45	200	100	274.06	0.1	0.13	
10052	10088	36.68	300	100	1,436.95	0.24	0.38	
10053	10089	81.75	600	100	29,286.07	1.2	3.42	
10054	10090	73.09	150	100	174.11	0.11	0.22	
10055	10091	59.39	150	100	160.22	0.1	0.19	
10056	10092	90.84	80	100	27.14	0.06	0.15	
10057	10093	102.54	150	100	381.16	0.25	0.94	
10058	10094	125.56	80	100	27.03	0.06	0.15	
10059	10095	799.42	600	100	22,598.67	0.93	2.12	
10060	10096	31.99	80	100	64.14	0.15	0.74	
10061	10097	49.76	150	100	124.06	0.08	0.12	
10062	10098	162.71	80	100	83.66	0.19	1.22	
10063	10099	304.83	600	100	20,798.07	0.85	1.82	
10064	10100	109.4	100	100	188.00	0.28	1.84	
10065	10101	248.46	80	100	236.94	0.55	8.37	
10066	10102	379.03	80	100	609.04	1.4	48.06	
10067	10103	242.81	80	100	240.79	0.55	8.62	
10068	10104	360.85	150	100	689.08	0.45	2.83	
10069	10105	157.48	150	100	7.28	0	0	
10070	10106	22.26	250	100	3,499.13	0.83	4.76	
10071	10107	24.27	100	100	48.62	0.07	0.15	
10072	10108	146.57	100	100	37.26	0.05	0.09	
10073	10109	11.68	100	100	37.74	0.06	0.09	
10074	10110	16.36	300	100	1,196.24	0.2	0.27	
10075	10111	71.44	100	100	59.40	0.09	0.22	
10076	10112	360.23	150	100	250.87	0.16	0.44	
10077	10113	363.01	200	100	532.42	0.2	0.43	
10078	10114	205.01	200	100	780.55	0.29	0.88	
10079	10115	182.7	100	100	320.32	0.47	4.93	
10080	10116	293.55	300	100	3,079.53	0.5	1.55	
10081	10117	692.29	150	100	60.09	0.04	0.03	
10082	10118	222.97	150	100	525.71	0.34	1.71	
10083	10119	281.33	150	100	420.84	0.28	1.13	
10084	10120	50.01	150	100	81.47	0.05	0.05	
10085	10121	48.25	150	100	95.50	0.06	0.07	
10086	10122	104.55	100	100	33.00	0.05	0.07	
10087	10123	53.57	100	100	5.32	0.01	0	
10088	10124	144.56	100	100	116.69	0.17	0.76	
10089	10125	32.19	150	100	365.62	0.24	0.87	
10090	10126	164.82	200	100	4.47	0	0	
10091	10127	75.59	150	100	971.77	0.64	5.34	
10092	10128	219.75	200	100	275.82	0.1	0.13	
10093	10129	3.96	150	100	119.10	0.08	0.11	
10094	10130	262.43	150	100	446.11	0.29	1.26	
10095	10131	235.03	150	100	82.02	0.05	0.05	
10096	10132	18.36	200	100	803.32	0.3	0.93	
10097	10133	6.31	200	100	1,084.81	0.4	1.61	
10098	10134	196.67	150	100	31.72	0.02	0.01	
10099	10135	385.19	800	100	7,282.75	0.17	0.06	
10100	10136	75.56	300	100	1,220.98	0.2	0.28	
10101	10137	413.58	300	100	1,817.92	0.3	0.58	
10102	10138	146.73	100	100	36.71	0.05	0.09	
10103	10139	104.47	200	100	268.90	0.1	0.12	
10104	10140	160.22	100	100	14.43	0.02	0.02	
10105	10141	58.38	100	100	0.33	0	0	
10106	10142	51.92	100	100	43.16	0.06	0.12	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
10107	10143	350.12	600	100	3.032.70	0.12	0.05	
10108	10144	743.73	100	100	16.35	0.02	0.02	
10109	10145	7.66	300	100	1.675.71	0.27	0.5	
10110	10146	227.38	300	100	1.568.24	0.26	0.44	
10111	10147	908.23	300	100	1.356.98	0.22	0.34	
10112	10148	37.69	150	100	151.47	0.1	0.17	
10113	10149	76.17	300	100	456.30	0.07	0.04	
10114	10150	780.02	100	100	79.56	0.12	0.37	
10115	10151	67.48	150	100	33.15	0.02	0.01	
10116	10152	570.56	300	100	280.09	0.05	0.02	
10117	10153	145.48	150	100	97.82	0.06	0.08	
10118	10154	234.41	100	100	13.87	0.02	0.01	
10119	10155	252.46	100	100	12.55	0.02	0.01	
10120	10156	860.44	300	100	171.87	0.03	0.01	
10121	10157	748.91	150	100	151.59	0.1	0.17	
10122	10158	532.23	150	100	320.40	0.21	0.68	
10123	10159	390.46	400	100	4.151.35	0.38	0.66	
10124	10160	15.2	80	100	29.05	0.07	0.17	
10125	10161	139.85	100	100	271.03	0.4	3.62	
10126	10162	224.24	200	100	777.26	0.29	0.87	
10127	10163	4.43	200	100	9.63	0	0	
10128	10164	241.73	100	100	38.65	0.06	0.1	
10129	10165	111.85	150	100	454.07	0.3	1.31	
10130	10166	284.29	200	100	32.85	0.01	0	
10131	10167	344.93	150	100	6.96	0	0	
10132	10168	219.42	150	100	145.52	0.1	0.16	
10133	10169	162.4	100	100	15.61	0.02	0.02	
10134	10170	113.21	80	100	17.08	0.04	0.06	
10135	10171	174.83	100	100	16.73	0.02	0.02	
10136	10172	322.89	200	100	421.96	0.16	0.28	
10137	10173	34.15	200	100	1.523.82	0.56	3.03	
10138	10174	48.48	200	100	105.64	0.04	0.02	
10139	10175	52.78	100	100	85.32	0.13	0.43	
10140	10176	171.65	150	100	219.26	0.14	0.34	
10141	10177	75.57	200	100	14.89	0.01	0	
10142	10178	48.35	100	100	11.03	0.02	0.01	
10143	10179	39.89	150	100	274.21	0.18	0.51	
10144	10180	112.24	100	100	8.68	0.01	0.01	
10145	10181	79.42	100	100	73.71	0.11	0.32	
10146	10182	66.62	100	100	55.85	0.08	0.19	
10147	10183	85.65	100	100	208.84	0.31	2.23	
10148	10184	47.66	150	100	273.63	0.18	0.51	
10149	10185	64.47	200	100	1.380.66	0.51	2.52	
10150	10186	290.12	80	100	68.48	0.16	0.84	
10151	10187	12.86	200	100	258.28	0.1	0.11	
10152	10188	189.82	200	100	147.80	0.05	0.04	
10153	10189	171.56	100	100	56.36	0.08	0.2	
10154	10190	105.37	200	100	381.09	0.14	0.23	
10155	10191	92.49	500	100	201.81	0.01	0	
10156	10192	218.1	200	100	1.158.15	0.43	1.82	
10157	10193	255.35	200	100	1.192.29	0.44	1.92	
10158	10194	170.7	200	100	954.72	0.35	1.27	
10159	10195	29.04	100	100	160.77	0.24	1.38	
10160	10196	316.19	100	100	380.50	0.56	6.78	
10161	10197	111.63	100	100	750.01	1.11	23.84	
10162	10198	5.78	700	100	1.234.17	0.04	0	
10163	10199	3.47	300	100	955.32	0.16	0.18	
10164	10200	68.35	100	100	145.96	0.22	1.15	
10165	10201	78.35	100	100	176.53	0.26	1.64	
10166	10202	5.54	200	100	176.84	0.07	0.06	
10167	10203	72.75	100	100	54.49	0.08	0.19	
10168	10204	113.48	100	100	121.43	0.18	0.82	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
10169	10205	144.07	100	100	11.21	0.02	0.01	
10170	10206	123.62	100	100	71.29	0.11	0.31	
10171	10207	37.44	100	100	64.83	0.1	0.26	
10172	10208	26.12	200	100	700.68	0.26	0.72	
10173	10209	174.4	300	100	1,016.72	0.17	0.2	
10174	10210	16.23	300	100	1,036.46	0.17	0.21	
10175	10211	18.97	800	100	12,614.41	0.29	0.18	
10176	10212	274.6	300	100	6,505.51	1.07	6.18	
10177	10213	123.76	100	100	57.57	0.08	0.21	
10178	10214	103.77	400	100	7,239.25	0.67	1.85	
10179	10215	4.99	100	100	74.60	0.11	0.33	
10180	10216	30.55	150	100	443.48	0.29	1.25	
10181	10217	147.95	100	100	105.47	0.16	0.63	
10182	10218	114.5	100	100	124.85	0.18	0.86	
10183	10219	36.02	100	100	229.76	0.34	2.66	
10184	10220	122.26	100	100	59.83	0.09	0.22	
10185	10221	159.98	100	100	102.02	0.15	0.59	
10186	10222	5.63	100	100	446.89	0.66	9.14	
10187	10223	98.98	100	100	1.55	0	0	
10188	10224	34.53	100	100	29.81	0.04	0.06	
10189	10225	144.04	100	100	37.16	0.05	0.09	
10190	10226	103.95	100	100	17.17	0.03	0.02	
10191	10227	43.13	150	100	56.32	0.04	0.03	
10192	10228	75.31	100	100	108.46	0.16	0.66	
10193	10229	8.58	150	100	84.92	0.06	0.06	
10194	10230	35.12	100	100	53.21	0.08	0.18	
10195	10231	93.98	100	100	3.30	0	0	
10196	10232	95.03	100	100	2.73	0	0	
10197	10233	100.29	100	100	10.70	0.02	0.01	
10198	10234	127.79	100	100	12.62	0.02	0.01	
10199	10235	142.07	100	100	20.66	0.03	0.03	
10200	10236	118.95	100	100	22.71	0.03	0.04	
10201	10237	94.66	100	100	11.32	0.02	0.01	
10202	10238	31.32	150	100	26.32	0.02	0.01	
10203	10239	240.51	500	100	11,484.59	0.68	1.47	
10204	10240	93.87	150	100	150.68	0.1	0.17	
10205	10241	125.63	150	100	392.40	0.26	1	
10206	10242	41.91	150	100	437.82	0.29	1.22	
10207	10243	7.01	400	100	5,688.21	0.52	1.19	
10208	10244	2.31	300	100	3,041.79	0.5	1.51	
10209	10245	112.32	300	100	2,924.07	0.48	1.4	
10210	10246	31.99	100	100	64.31	0.09	0.25	
10211	10247	32.56	100	100	18.32	0.03	0.02	
10212	10248	34.11	100	100	43.55	0.06	0.12	
10213	10249	28.14	100	100	57.65	0.08	0.21	
10214	10250	92.4	100	100	24.46	0.04	0.04	
10215	10251	95.13	150	100	56.68	0.04	0.03	
10216	10252	38.65	100	100	28.37	0.04	0.06	
10217	10253	30.5	100	100	57.66	0.08	0.21	
10218	10254	73.64	100	100	340.38	0.5	5.52	
10219	10255	40.91	300	100	1,149.71	0.19	0.25	
10220	10256	7.6	350	100	708.47	0.09	0.05	
10221	10257	34.81	350	100	676.37	0.08	0.04	
10222	10258	53.51	100	100	118.28	0.17	0.78	
10223	10259	155.18	100	100	28.40	0.04	0.05	
10224	10260	122.64	100	100	111.62	0.16	0.7	
10225	10261	83.39	150	100	618.57	0.41	2.31	
10226	10262	66.67	100	100	163.52	0.24	1.42	
10227	10263	34.03	100	100	153.73	0.23	1.27	
10228	10264	42.16	100	100	77.00	0.11	0.35	
10229	10265	39.06	100	100	6.05	0.01	0	
10230	10266	27.76	150	100	132.65	0.09	0.13	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
10231	10267	14.84	400	100	245.65	0.02	0	
10232	10268	3.17	150	100	430.17	0.28	1.18	
10233	10269	6.34	500	100	5,574.36	0.33	0.39	
10234	10270	232.75	500	100	3,745.23	0.22	0.18	
10235	10271	119.54	100	100	153.47	0.23	1.26	
10236	10272	13.43	400	100	3,099.24	0.29	0.39	
10237	10273	197.87	100	100	86.06	0.13	0.43	
10238	10274	48.87	100	100	121.39	0.18	0.82	
10239	10275	195.91	350	100	3,086.43	0.37	0.73	
10240	10276	120.06	100	100	148.60	0.22	1.19	
10241	10277	63.24	100	100	4.01	0.01	0	
10242	10278	33.77	100	100	18.60	0.03	0.03	
10243	10279	34.58	100	100	18.68	0.03	0.03	
10244	10280	32.57	100	100	8.62	0.01	0.01	
10245	10281	50.38	100	100	11.10	0.02	0.01	
10246	10282	30.97	100	100	19.43	0.03	0.03	
10247	10283	70.89	150	100	45.37	0.03	0.02	
10248	10284	36.79	400	100	0.00	0	0	
10249	10285	238.01	100	100	128.15	0.19	0.9	
10250	10286	133.68	150	100	0.00	0	0	
10251	10287	21.09	150	100	358.95	0.24	0.85	
10252	10288	241.68	300	100	2,418.53	0.4	0.99	
10253	10289	39.85	100	100	93.53	0.14	0.5	
10254	10290	4.76	200	100	190.80	0.07	0.06	
10255	10291	156.65	100	100	173.02	0.25	1.58	
10256	10292	13.18	1000	100	43,859.42	0.65	0.6	
10257	10293	21.45	400	100	17.19	0	0	
10258	10294	39.8	1000	100	54,235.88	0.8	0.89	
10259	10295	75.55	80	100	20.77	0.05	0.09	
10260	10296	161.96	80	100	144.69	0.33	3.36	
10261	10297	664.73	1650	100	118,456.20	0.64	0.33	
10262	10298	27.84	400	100	0.00	0	0	
10263	10299	61	1650	100	118,456.20	0.64	0.33	
10264	10300	173.61	1650	100	106,971.60	0.58	0.27	
10265	10301	31.44	150	100	50.34	0.03	0.02	
10266	10302	96.66	100	100	0.21	0	0	
10267	10303	31.09	150	100	49.01	0.03	0.02	
10268	10304	105.08	100	100	113.84	0.17	0.73	
10269	10305	131.37	100	100	153.07	0.23	1.26	
10270	10306	82.07	80	100	53.66	0.12	0.53	
10271	10307	108.21	100	100	88.51	0.13	0.46	
10272	10308	108.92	100	100	246.29	0.36	3.03	
10273	10309	108.23	100	100	81.87	0.12	0.39	
10274	10310	103.43	100	100	154.40	0.23	1.28	
10275	10311	108.05	100	100	207.82	0.31	2.21	
10276	10312	104.52	100	100	234.45	0.35	2.77	
10277	10313	26.85	100	100	95.58	0.14	0.52	
10278	10314	33.66	100	100	30.92	0.05	0.06	
10279	10315	72.23	100	100	239.89	0.35	2.89	
10280	10316	38.85	100	100	228.12	0.34	2.63	
10281	10317	97.71	100	100	89.23	0.13	0.46	
10282	10318	35.71	100	100	186.71	0.28	1.81	
10283	10319	64.84	100	100	41.17	0.06	0.11	
10284	10320	112.45	100	100	128.63	0.19	0.91	
10285	10321	113.32	100	100	90.24	0.13	0.47	
10286	10322	31.79	100	100	143.62	0.21	1.12	
10287	10323	33.22	100	100	107.55	0.16	0.65	
10288	10324	34.33	100	100	118.19	0.17	0.78	
10289	10325	31.44	100	100	88.90	0.13	0.46	
10290	10326	49.19	100	100	77.54	0.11	0.36	
10291	10327	29.45	100	100	98.58	0.15	0.56	
10292	10328	32.68	100	100	12.82	0.02	0.01	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
10293	10329	102.99	100	100	135.27	0.2	1	
10294	10330	35.07	100	100	17.06	0.03	0.02	
10295	10331	31.5	100	100	77.68	0.11	0.36	
10296	10332	29.38	100	100	157.36	0.23	1.32	
10297	10333	27.05	100	100	155.99	0.23	1.3	
10298	10334	97.55	100	100	87.95	0.13	0.45	
10299	10335	113.06	100	100	119.25	0.18	0.79	
10300	10336	34.53	100	100	260.58	0.38	3.36	
10301	10337	131.78	100	100	64.58	0.1	0.25	
10302	10338	34.43	100	100	96.14	0.14	0.53	
10303	10339	31.91	100	100	98.82	0.15	0.56	
10304	10340	50.11	80	100	108.24	0.25	1.96	
10305	10341	26.37	100	100	249.61	0.37	3.11	
10306	10342	33.87	100	100	212.37	0.31	2.3	
10307	10343	38.15	100	100	102.67	0.15	0.6	
10308	10344	108.08	100	100	120.97	0.18	0.81	
10309	10345	108.42	100	100	194.90	0.29	1.96	
10310	10346	109.52	100	100	127.88	0.19	0.9	
10311	10347	136.76	100	100	117.06	0.17	0.76	
10312	10348	34.14	100	100	525.13	0.77	12.32	
10313	10349	29.36	100	100	344.08	0.51	5.63	
10314	10350	33.3	100	100	295.09	0.43	4.24	
10315	10351	109.44	80	100	69.01	0.16	0.85	
10316	10352	27.54	100	100	368.90	0.54	6.41	
10317	10353	29.46	100	100	498.84	0.74	11.2	
10318	10354	538.29	200	100	112.67	0.04	0.02	
10319	10355	115.46	100	100	184.45	0.27	1.77	
10320	10356	25.62	100	100	277.18	0.41	3.77	
10321	10357	29.59	150	100	259.13	0.17	0.46	
10322	10358	115.14	100	100	40.23	0.06	0.11	
10323	10359	115.43	80	100	24.31	0.06	0.12	
10324	10360	67.34	100	100	244.62	0.36	2.99	
10325	10361	116.9	100	100	39.09	0.06	0.1	
10326	10362	250.46	80	100	103.83	0.24	1.82	
10327	10363	252.67	100	100	184.17	0.27	1.77	
10328	10364	28.38	100	100	393.20	0.58	7.21	
10329	10365	63.51	100	100	40.20	0.06	0.11	
10330	10366	23.18	100	100	102.08	0.15	0.59	
10331	10367	88.16	100	100	67.98	0.1	0.28	
10332	10368	147.4	100	100	32.93	0.05	0.07	
10333	10369	142.61	100	100	13.98	0.02	0.01	
10334	10370	136.9	100	100	14.03	0.02	0.02	
10335	10371	136.21	100	100	10.24	0.02	0.01	
10336	10372	133.42	100	100	9.46	0.01	0.01	
10337	10373	128.9	100	100	8.90	0.01	0.01	
10338	10374	35.06	150	100	179.80	0.12	0.23	
10339	10375	151.69	200	100	271.90	0.1	0.12	
10340	10376	163.1	100	100	133.42	0.2	0.97	
10341	10377	316.9	80	100	174.80	0.4	4.76	
10342	10378	166.76	80	100	179.44	0.41	5	
10343	10379	54.69	80	100	69.61	0.16	0.87	
10344	10380	425.23	100	100	268.60	0.4	3.56	
10345	10381	16.13	80	100	16.62	0.04	0.06	
10346	10382	259.95	300	100	3,736.87	0.61	2.21	
10347	10383	30	300	100	5,571.31	0.91	4.64	
10348	10384	38.76	300	100	5,090.79	0.83	3.92	
10349	10385	97.08	300	100	7,309.47	1.2	7.66	
10350	10386	114.32	100	100	62.10	0.09	0.24	
10351	10387	131.34	80	100	38.56	0.09	0.29	
10352	10388	63.28	200	100	1,711.87	0.63	3.76	
10353	10389	109.52	200	100	736.59	0.27	0.79	
10354	10390	48.99	100	100	70.05	0.1	0.3	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
10355	10391	85.38	100	100	121.45	0.18	0.82	
10356	10392	126.95	100	100	71.30	0.11	0.31	
10357	10393	115.4	100	100	125.34	0.18	0.87	
10358	10394	67.12	100	100	87.96	0.13	0.45	
10359	10395	54.52	150	100	442.93	0.29	1.25	
10360	10396	56.91	100	100	413.30	0.61	7.91	
10361	10397	54.72	150	100	948.35	0.62	5.11	
10362	10398	55.88	150	100	785.60	0.51	3.6	
10363	10399	119.94	200	100	722.08	0.27	0.76	
10364	10400	56.37	100	100	216.20	0.32	2.38	
10365	10401	110.47	150	100	474.88	0.31	1.42	
10366	10402	159.97	100	100	174.77	0.26	1.61	
10367	10403	155.54	100	100	123.75	0.18	0.85	
10368	10404	56.8	80	100	73.92	0.17	0.97	
10369	10405	97.2	300	100	15.46	0	0	
10370	10406	8.59	300	100	8,247.75	1.35	9.58	
10371	10407	52.84	150	100	232.42	0.15	0.38	
10372	10408	155.18	100	100	105.77	0.16	0.63	
10373	10409	161.72	100	100	71.13	0.1	0.3	
10374	10410	53.94	400	100	6,280.86	0.58	1.43	
10375	10411	25.86	100	100	110.93	0.16	0.69	
10376	10412	56.21	200	100	354.99	0.13	0.2	
10377	10413	61.38	150	100	462.02	0.3	1.35	
10378	10414	52.51	150	100	883.63	0.58	4.48	
10379	10415	52.61	200	100	1,137.75	0.42	1.76	
10380	10416	153.51	200	100	368.18	0.14	0.22	
10381	10417	60.49	200	100	1,042.28	0.38	1.5	
10382	10418	152.61	100	100	66.86	0.1	0.27	
10383	10419	52.33	200	100	968.31	0.36	1.31	
10384	10420	22.57	200	100	1,023.12	0.38	1.45	
10385	10421	153.31	100	100	102.51	0.15	0.6	
10386	10422	131.38	200	100	1,359.26	0.5	2.45	
10387	10423	306.97	80	100	101.09	0.23	1.73	
10388	10424	54.68	80	100	130.02	0.3	2.75	
10389	10425	33.18	100	100	70.46	0.1	0.3	
10390	10426	44.05	100	100	107.90	0.16	0.66	
10391	10427	30.08	80	100	168.69	0.39	4.46	
10392	10428	109.29	150	100	753.72	0.49	3.34	
10393	10429	91.24	80	100	34.20	0.08	0.23	
10394	10430	75.09	150	100	143.21	0.09	0.15	
10395	10431	44.29	800	100	45,374.47	1.04	1.9	
10396	10432	21.08	600	100	25,275.94	1.03	2.61	
10397	10433	43.63	600	100	25,939.23	1.06	2.73	
10398	10434	152.52	150	100	617.87	0.4	2.31	
10399	10435	33.47	100	100	88.44	0.13	0.45	
10400	10436	77.1	150	100	578.90	0.38	2.05	
10401	10437	72.89	150	100	16.73	0.01	0	
10402	10438	112.44	150	100	157.58	0.1	0.18	
10403	10439	34.03	100	100	6.50	0.01	0	
10404	10440	122.96	100	100	39.03	0.06	0.1	
10405	10441	177.06	100	100	62.66	0.09	0.24	
10406	10442	154.63	150	100	186.52	0.12	0.25	
10407	10443	103.66	100	100	28.36	0.04	0.06	
10408	10444	74.96	100	100	73.06	0.11	0.32	
10409	10445	155.33	300	100	1,640.16	0.27	0.48	
10410	10446	15.66	500	100	43,923.75	2.59	17.63	
10411	10447	142.74	100	100	66.68	0.1	0.27	
10412	10448	114.87	150	100	341.65	0.22	0.77	
10413	10449	116.93	150	100	409.50	0.27	1.08	
10414	10450	71.93	150	100	450.13	0.29	1.28	
10415	10451	67.36	150	100	173.43	0.11	0.22	
10416	10452	53.89	150	100	76.43	0.05	0.05	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
10417	10453	56.21	100	100	96.76	0.14	0.54	
10418	10454	63.43	150	100	373.98	0.24	0.91	
10419	10455	123.11	80	100	78.71	0.18	1.09	
10420	10456	120.83	100	100	94.70	0.14	0.52	
10421	10457	91.84	150	100	480.25	0.31	1.45	
10422	10458	93.57	100	100	172.01	0.25	1.56	
10423	10459	225.86	100	100	153.32	0.23	1.26	
10424	10460	134.19	100	100	64.74	0.1	0.26	
10425	10461	65.66	100	100	128.16	0.19	0.9	
10426	10462	64.59	100	100	11.90	0.02	0.01	
10427	10463	56.35	100	100	71.09	0.1	0.3	
10428	10464	112.71	150	100	359.25	0.24	0.85	
10429	10465	48.65	100	100	110.68	0.16	0.69	
10430	10466	60.01	100	100	71.61	0.11	0.31	
10431	10467	74.47	150	100	3.26	0	0	
10432	10468	123.53	100	100	52.97	0.08	0.18	
10433	10469	72.09	150	100	53.06	0.03	0.02	
10434	10470	9.21	150	100	3,633.23	2.38	61.45	
10435	10471	72.19	150	100	35.31	0.02	0.01	
10436	10472	92.01	100	100	38.82	0.06	0.1	
10437	10473	100.04	100	100	118.12	0.17	0.78	
10438	10474	115.69	500	100	20,400.54	1.2	4.26	
10439	10475	165.41	100	100	107.26	0.16	0.65	
10440	10476	105.58	100	100	3.68	0.01	0	
10441	10477	80.2	100	100	30.74	0.05	0.06	
10442	10478	65.61	150	100	101.90	0.07	0.08	
10443	10479	44.54	100	100	125.16	0.18	0.87	
10444	10480	114.25	100	100	9.73	0.01	0.01	
10445	10481	349	150	100	585.79	0.38	2.09	
10446	10482	53.53	100	100	189.03	0.28	1.86	
10447	10483	52.3	100	100	127.30	0.19	0.89	
10448	10484	82.74	100	100	97.41	0.14	0.54	
10449	10485	83.22	100	100	93.52	0.14	0.5	
10450	10486	63	100	100	63.02	0.09	0.24	
10451	10487	287.6	150	100	397.67	0.26	1.02	
10452	10488	35.83	150	100	332.34	0.22	0.73	
10453	10489	270.5	100	100	88.33	0.13	0.45	
10454	10490	92.22	150	100	30.02	0.02	0.01	
10455	10491	51.48	150	100	70.90	0.05	0.04	
10456	10492	100.97	100	100	43.30	0.06	0.12	
10457	10493	117.7	150	100	34.75	0.02	0.01	
10458	10494	34.32	150	100	2.51	0	0	
10459	10495	56.44	150	100	13.31	0.01	0	
10460	10496	73.92	150	100	96.98	0.06	0.07	
10461	10497	135.45	200	100	24.66	0.01	0	
10462	10498	121.42	200	100	61.68	0.02	0.01	
10463	10499	125.77	100	100	19.37	0.03	0.03	
10464	10500	122.92	100	100	11.92	0.02	0.01	
10465	10501	127.53	100	100	14.50	0.02	0.02	
10466	10502	68.14	100	100	44.11	0.06	0.13	
10467	10503	63.37	100	100	36.88	0.05	0.09	
10468	10504	61.48	100	100	14.61	0.02	0.02	
10469	10505	62.64	150	100	18.20	0.01	0	
10470	10506	62.24	150	100	18.30	0.01	0	
10471	10507	59.44	150	100	62.47	0.04	0.03	
10472	10508	123.77	100	100	18.86	0.03	0.03	
10473	10509	55.63	150	100	57.97	0.04	0.03	
10474	10510	62.88	150	100	76.33	0.05	0.05	
10475	10511	24.77	100	100	0.65	0	0	
10476	10512	122.58	150	100	56.74	0.04	0.03	
10477	10513	66.3	150	100	68.94	0.05	0.04	
10478	10514	120.52	80	100	28.61	0.07	0.17	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
10479	10515	116.92	100	100	116.19	0.17	0.75	
10480	10516	134.61	100	100	95.47	0.14	0.52	
10481	10517	187.27	200	100	909.51	0.34	1.16	
10482	10518	33.95	200	100	2,339.48	0.86	6.7	
10483	10519	28.26	200	100	997.58	0.37	1.38	
10484	10520	140.54	200	100	802.42	0.3	0.92	
10485	10521	514.43	300	100	1,529.04	0.25	0.42	
10486	10522	71.25	200	100	868.87	0.32	1.07	
10487	10523	125.5	100	100	70.98	0.1	0.3	
10488	10524	66.23	100	100	84.84	0.13	0.42	
10489	10525	102.61	100	100	63.32	0.09	0.24	
10490	10526	68.6	100	100	61.74	0.09	0.23	
10491	10527	60.84	100	100	60.61	0.09	0.23	
10492	10528	92.65	100	100	45.64	0.07	0.13	
10493	10529	71.15	100	100	44.55	0.07	0.13	
10494	10530	71.38	100	100	103.58	0.15	0.61	
10495	10531	65.42	80	100	43.09	0.1	0.36	
10496	10532	11.85	80	100	24.89	0.06	0.13	
10497	10533	97.73	150	100	54.99	0.04	0.03	
10498	10534	242.46	100	100	12.06	0.02	0.01	
10499	10535	112.45	100	100	34.10	0.05	0.08	
10500	10536	53.94	100	100	43.21	0.06	0.12	
10501	10537	109.94	100	100	137.56	0.2	1.03	
10502	10538	61	100	100	100.43	0.15	0.58	
10503	10539	22.8	100	100	17.72	0.03	0.02	
10504	10540	102.62	150	100	917.41	0.6	4.8	
10505	10541	38.38	150	100	64.87	0.04	0.04	
10506	10542	65.06	150	100	102.40	0.07	0.08	
10507	10543	144.33	150	100	769.78	0.5	3.47	
10508	10544	76.51	150	100	186.93	0.12	0.25	
10509	10545	64.53	150	100	513.05	0.34	1.64	
10510	10546	135.72	150	100	40.08	0.03	0.01	
10511	10547	138.53	100	100	7.63	0.01	0	
10512	10548	176.03	100	100	4.55	0.01	0	
10513	10549	110.24	800	100	2,002.70	0.05	0.01	
10514	10550	128.03	400	100	1,254.64	0.12	0.07	
10515	10551	134.82	400	100	1,523.15	0.14	0.1	
10516	10552	108.58	400	100	1,580.34	0.15	0.11	
10517	10553	124.55	150	100	24.70	0.02	0.01	
10518	10554	146.22	300	100	5,848.12	0.96	5.07	
10519	10555	105.5	300	100	5,157.00	0.84	4.02	
10520	10556	56.6	100	100	269.99	0.4	3.59	
10521	10557	515.61	100	100	153.51	0.23	1.26	
10522	10558	198.24	200	100	563.36	0.21	0.48	
10523	10559	496.21	100	100	205.01	0.3	2.16	
10524	10560	23.51	100	100	18.45	0.03	0.02	
10525	10561	19.77	300	100	36.57	0.01	0	
10526	10562	516.87	100	100	150.76	0.22	1.22	
10527	10563	120.73	150	100	471.87	0.31	1.4	
10528	10564	380.75	100	100	82.20	0.12	0.4	
10529	10565	26.98	100	100	408.29	0.6	7.73	
10530	10566	285.44	100	100	13.58	0.02	0.01	
10531	10567	150.77	300	100	1,809.14	0.3	0.58	
10532	10568	137.31	150	100	639.79	0.42	2.46	
10533	10569	67.85	400	100	3,715.67	0.34	0.54	
10534	10570	88.4	400	100	3,894.13	0.36	0.59	
10535	10571	30.61	100	100	49.24	0.07	0.15	
10536	10572	34.66	100	100	19.40	0.03	0.03	
10537	10573	82.72	100	100	123.80	0.18	0.85	
10538	10574	62.29	150	100	931.86	0.61	4.94	
10539	10575	55.2	150	100	872.23	0.57	4.37	
10540	10576	64.41	150	100	243.13	0.16	0.41	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
10541	10577	62.77	100	100	252.65	0.37	3.18	
10542	10578	12.31	100	100	413.69	0.61	7.92	
10543	10579	61.6	100	100	284.30	0.42	3.95	
10544	10580	142.82	150	100	26.08	0.02	0.01	
10545	10581	76.9	100	100	66.04	0.1	0.26	
10546	10582	133.98	150	100	36.11	0.02	0.01	
10547	10583	120.89	100	100	55.52	0.08	0.19	
10548	10584	117.03	100	100	68.21	0.1	0.28	
10549	10585	104.35	150	100	276.07	0.18	0.52	
10550	10586	64.72	100	100	255.80	0.38	3.25	
10551	10587	114.27	150	100	266.37	0.17	0.49	
10552	10588	64.8	100	100	356.98	0.53	6.03	
10553	10589	130.55	150	100	218.87	0.14	0.34	
10554	10590	64.58	100	100	445.77	0.66	9.09	
10555	10591	145	150	100	95.76	0.06	0.07	
10556	10592	115.78	100	100	28.61	0.04	0.06	
10557	10593	108.38	150	100	131.86	0.09	0.13	
10558	10594	113.85	100	100	200.48	0.3	2.07	
10559	10595	146.36	100	100	174.67	0.26	1.6	
10560	10596	21.84	100	100	812.81	1.2	27.66	
10561	10597	63.24	100	100	274.61	0.4	3.71	
10562	10598	144.2	100	100	46.16	0.07	0.14	
10563	10599	131.97	150	100	3.39	0	0	
10564	10600	76.07	100	100	77.97	0.11	0.36	
10565	10601	83.88	100	100	144.73	0.21	1.13	
10566	10602	132.74	150	100	89.96	0.06	0.07	
10567	10603	140.84	100	100	24.84	0.04	0.04	
10568	10604	146.24	100	100	59.75	0.09	0.22	
10569	10605	301.14	80	100	530.64	1.22	37.24	
10570	10606	46.56	100	100	73.61	0.11	0.32	
10571	10607	20.06	100	100	155.84	0.23	1.3	
10572	10608	96.81	100	100	39.89	0.06	0.1	
10573	10609	174.22	100	100	41.00	0.06	0.11	
10574	10610	110.08	100	100	0.00	0	0	
10575	10611	78.23	100	100	48.89	0.07	0.15	
10576	10612	43.03	150	100	250.11	0.16	0.43	
10577	10613	96.91	100	100	79.13	0.12	0.37	
10578	10614	69.62	100	100	3.09	0	0	
10579	10615	90.61	100	100	43.32	0.06	0.12	
10580	10616	93.93	100	100	41.69	0.06	0.11	
10581	10617	21.49	200	100	2,411.43	0.89	7.08	
10582	10618	157.02	250	100	75.20	0.02	0	
10583	10619	32.78	100	100	38.04	0.06	0.1	
10584	10620	81.35	150	100	135.84	0.09	0.14	
10585	10621	22.28	150	100	0.00	0	0	
10586	10622	72.69	200	100	703.75	0.26	0.72	
10587	10623	152.29	200	100	515.36	0.19	0.41	
10588	10624	159.08	150	100	84.92	0.06	0.06	
10589	10625	141.68	150	100	188.53	0.12	0.26	
10590	10626	99.56	150	100	889.72	0.58	4.54	
10591	10628	18.08	150	100	1,972.29	1.29	19.82	
10592	10630	157.38	100	100	16.41	0.02	0.02	
10593	10631	18.11	150	100	0.00	0	0	
10594	10632	75.4	150	100	65.98	0.04	0.04	
10595	10633	229.89	150	100	655.00	0.43	2.57	
10596	10634	18.73	150	100	802.74	0.53	3.75	
10597	10635	84.28	150	100	794.85	0.52	3.68	
10598	10636	163.16	150	100	266.62	0.17	0.49	
10599	10637	201.57	150	100	270.67	0.18	0.5	
10600	10638	116.25	150	100	51.19	0.03	0.02	
10601	10639	83.79	150	100	214.87	0.14	0.33	
10602	10640	21.52	150	100	498.91	0.33	1.55	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
10603	10641	160.17	150	100	81.92	0.05	0.05	
10604	10642	77.98	150	100	47.21	0.03	0.02	
10605	10643	78.02	150	100	63.82	0.04	0.03	
10606	10644	51.56	150	100	100.33	0.07	0.08	
10607	10645	75.87	100	100	200.41	0.3	2.07	
10608	10646	168.44	150	100	242.04	0.16	0.41	
10609	10647	8645.16	80	100	133.68	0.31	2.9	
10610	10648	230.12	100	100	7.24	0.01	0	
10611	10649	246.94	100	100	117.44	0.17	0.77	
10612	10651	70.3	150	100	473.41	0.31	1.41	
10613	10652	66.97	80	100	47.41	0.11	0.43	
10614	10653	29.85	150	100	195.94	0.13	0.28	
10615	10654	65.03	100	100	54.51	0.08	0.19	
10616	10655	24.99	150	100	191.63	0.13	0.26	
10617	10656	32.52	100	100	22.57	0.03	0.04	
10618	10657	108.06	100	100	14.83	0.02	0.02	
10619	10658	28.31	800	100	7,926.07	0.18	0.07	
10620	10659	1035.15	800	100	5,728.39	0.13	0.04	
10621	10660	180.02	800	100	12,886.87	0.3	0.18	
10622	10661	893.57	800	100	16,417.26	0.38	0.29	
10623	10662	54.28	800	100	14,304.12	0.33	0.22	
10624	10663	52.25	800	100	16,317.64	0.38	0.29	
10625	10664	137.07	800	100	13,357.71	0.31	0.2	
10626	10665	382.18	800	100	2,517.11	0.06	0.01	
10627	10666	52.32	800	100	71,313.70	1.64	4.38	
10628	10667	437.94	800	100	12,123.54	0.28	0.16	
10629	10668	652.74	80	100	8.14	0.02	0.02	
10630	10669	164.73	80	100	19.51	0.04	0.08	
10631	10670	75.77	80	100	17.15	0.04	0.06	
10632	10671	186.62	80	100	40.58	0.09	0.32	
10633	10672	169.1	80	100	35.13	0.08	0.24	
10634	10673	30.57	80	100	135.14	0.31	2.96	
10635	10674	115.14	80	100	124.73	0.29	2.55	
10636	10675	102.91	80	100	132.66	0.31	2.86	
10637	10676	147.72	80	100	2.63	0.01	0	
10638	10677	46.46	80	100	315.95	0.73	14.25	
10639	10678	32.46	80	100	89.95	0.21	1.39	
10640	10679	69.07	80	100	64.77	0.15	0.76	
10641	10680	94.67	80	100	155.99	0.36	3.86	
10642	10681	326.81	150	100	48.28	0.03	0.02	
10643	10682	54.77	80	100	11.95	0.03	0.03	
10644	10684	242.09	100	100	38.47	0.06	0.1	
10645	10685	115.74	100	100	11.00	0.02	0.01	
10646	10686	252.18	100	100	54.97	0.08	0.19	
10647	10687	31.1	80	100	175.73	0.4	4.81	
10648	10688	185.63	150	100	121.49	0.08	0.11	
10649	10689	105.16	80	100	69.62	0.16	0.87	
10650	10690	32.12	80	100	35.08	0.08	0.24	
10651	10691	35.88	80	100	39.61	0.09	0.3	
10652	10692	29.27	80	100	45.67	0.11	0.4	
10653	10693	173.55	80	100	7.76	0.02	0.01	
10654	10694	67.63	80	100	186.79	0.43	5.39	
10655	10695	68.02	80	100	41.38	0.1	0.33	
10656	10696	76.36	80	100	47.76	0.11	0.43	
10657	10697	71.2	80	100	28.24	0.07	0.16	
10658	10698	81.39	80	100	41.93	0.1	0.34	
10659	10699	258.43	80	100	70.08	0.16	0.88	
10660	10700	161.82	80	100	41.72	0.1	0.34	
10661	10701	115.03	80	100	40.44	0.09	0.32	
10662	10702	70.09	100	100	33.38	0.05	0.07	
10663	10703	169.41	80	100	35.77	0.08	0.25	
10664	10704	126.29	80	100	82.95	0.19	1.2	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
10665	10705	199.44	80	100	1,024.11	2.36	125.84	
10666	10706	317.88	80	100	94.99	0.22	1.54	
10667	10707	59.87	80	100	65.24	0.15	0.77	
10668	10708	62.59	80	100	140.98	0.32	3.2	
10669	10709	31.21	80	100	7.83	0.02	0.02	
10670	10710	41.48	80	100	328.49	0.76	15.32	
10671	10711	28.94	80	100	164.05	0.38	4.23	
10672	10712	78.4	80	100	56.30	0.13	0.58	
10673	10713	120.46	80	100	12.91	0.03	0.04	
10674	10714	38.03	80	100	1.65	0	0	
10675	10715	31.88	80	100	164.87	0.38	4.27	
10676	10716	58.48	80	100	156.85	0.36	3.9	
10677	10717	121.04	80	100	1.92	0	0	
10678	10718	103.17	80	100	84.85	0.2	1.25	
10679	10719	108.8	80	100	84.40	0.19	1.24	
10680	10720	21.76	80	100	152.03	0.35	3.68	
10681	10721	154.58	80	100	87.37	0.2	1.32	
10682	10722	32.36	80	100	121.17	0.28	2.42	
10683	10723	89.49	80	100	75.80	0.17	1.01	
10684	10724	36.35	80	100	145.85	0.34	3.41	
10685	10725	176.68	80	100	40.91	0.09	0.32	
10686	10726	26.78	80	100	65.81	0.15	0.78	
10687	10727	27.13	80	100	215.36	0.5	7.01	
10688	10728	142.86	80	100	63.38	0.15	0.73	
10689	10729	86.53	80	100	95.11	0.22	1.54	
10690	10730	25.69	80	100	283.29	0.65	11.65	
10691	10731	261.33	80	100	93.50	0.22	1.49	
10692	10732	59.72	80	100	9.63	0.02	0.02	
10693	10733	29.97	80	100	157.38	0.36	3.92	
10694	10734	333.99	80	100	146.63	0.34	3.44	
10695	10735	26.91	80	100	9.23	0.02	0.02	
10696	10736	265.49	80	100	142.89	0.33	3.28	
10697	10737	109.29	80	100	57.57	0.13	0.61	
10698	10738	77.63	80	100	57.32	0.13	0.6	
10699	10739	71.86	80	100	14.02	0.03	0.04	
10700	10740	128.05	80	100	58.50	0.13	0.63	
10701	10741	212.11	80	100	79.62	0.18	1.11	
10702	10742	110.18	80	100	27.07	0.06	0.15	
10703	10743	111.95	80	100	42.45	0.1	0.35	
10704	10744	153.99	150	100	229.89	0.15	0.37	
10705	10745	65.08	80	100	93.82	0.22	1.5	
10706	10746	161.03	80	100	41.48	0.1	0.33	
10707	10747	295.92	100	100	9.34	0.01	0.01	
10708	10748	59.68	80	100	28.43	0.07	0.16	
10709	10749	85.08	80	100	113.96	0.26	2.16	
10710	10750	156.8	80	100	94.63	0.22	1.53	
10711	10751	35.55	80	100	93.34	0.21	1.49	
10712	10752	68.84	80	100	32.71	0.08	0.21	
10713	10753	187.9	80	100	185.03	0.43	5.29	
10714	10754	183.77	80	100	35.75	0.08	0.25	
10715	10755	67.13	80	100	36.10	0.08	0.26	
10716	10756	136.21	80	100	9.60	0.02	0.02	
10717	10757	87.71	80	100	150.66	0.35	3.62	
10718	10758	35.22	80	100	52.90	0.12	0.52	
10719	10759	69.79	80	100	3.28	0.01	0	
10720	10760	62.62	80	100	50.62	0.12	0.48	
10721	10761	74.35	80	100	48.65	0.11	0.45	
10722	10762	76.46	80	100	10.94	0.03	0.03	
10723	10763	41.33	80	100	46.35	0.11	0.41	
10724	10764	53.03	80	100	14.05	0.03	0.04	
10725	10765	51.34	80	100	11.18	0.03	0.03	
10726	10766	45.2	80	100	14.49	0.03	0.05	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
10727	10767	43.78	80	100	86.75	0.2	1.3	
10728	10768	163.01	80	100	13.25	0.03	0.04	
10729	10769	35.31	80	100	83.96	0.19	1.22	
10730	10770	156.77	80	100	14.24	0.03	0.05	
10731	10771	33.76	80	100	93.99	0.22	1.51	
10732	10772	31.11	80	100	103.10	0.24	1.79	
10733	10773	125.12	80	100	117.39	0.27	2.28	
10734	10774	30.9	80	100	170.56	0.39	4.55	
10735	10775	381.39	250	100	166.56	0.04	0.02	
10736	10776	330.08	80	100	752.81	1.73	71.17	
10737	10777	498.27	80	100	141.66	0.33	3.23	
10738	10778	116.06	80	100	0.47	0	0	
10739	10779	40.86	80	100	11.54	0.03	0.03	
10740	10780	36.56	80	100	8.01	0.02	0.01	
10741	10781	111.77	80	100	5.15	0.01	0	
10742	10782	89.43	80	100	4.54	0.01	0.01	
10743	10783	66.03	80	100	12.48	0.03	0.04	
10744	10784	291.41	80	100	169.96	0.39	4.52	
10745	10785	270.05	150	100	223.70	0.15	0.35	
10746	10786	61.16	80	100	7.14	0.02	0.01	
10747	10787	130.18	80	100	1,090.10	2.51	141.27	
10748	10788	20.93	80	100	302.95	0.7	13.19	
10749	10789	57.25	80	100	32.63	0.08	0.21	
10750	10790	143.8	80	100	29.46	0.07	0.18	
10751	10791	67.66	80	100	95.32	0.22	1.55	
10752	10792	88.77	80	100	9.58	0.02	0.02	
10753	10793	175.71	150	100	163.64	0.11	0.2	
10754	10794	261.64	80	100	8.45	0.02	0.02	
10755	10795	149.55	80	100	11.26	0.03	0.03	
10756	10796	166.02	80	100	40.25	0.09	0.31	
10757	10797	38.75	80	100	18.83	0.04	0.08	
10758	10798	106.65	80	100	24.02	0.06	0.12	
10759	10799	876.98	80	100	22.29	0.05	0.11	
10760	10800	118.12	80	100	143.33	0.33	3.3	
10761	10801	691.17	80	100	19.34	0.04	0.08	
10762	10802	77.68	80	100	11.85	0.03	0.03	
10763	10803	109.84	80	100	174.65	0.4	4.76	
10764	10804	192.76	80	100	106.24	0.24	1.89	
10765	10805	117.49	80	100	15.49	0.04	0.05	
10766	10806	284.22	80	100	8.35	0.02	0.02	
10767	10807	6.03	80	100	22.74	0.05	0.11	
10768	10808	111.4	80	100	44.24	0.1	0.37	
10769	10809	31.26	80	100	33.59	0.08	0.22	
10770	10810	184.28	80	100	12.92	0.03	0.04	
10771	10811	189.31	80	100	12.20	0.03	0.03	
10772	10812	208.22	80	100	5.48	0.01	0.01	
10773	10813	85.15	80	100	0.58	0	0	
10774	10814	86.2	80	100	36.19	0.08	0.26	
10775	10815	122.41	80	100	149.98	0.35	3.59	
10776	10816	279.08	80	100	9.42	0.02	0.02	
10777	10817	28.74	80	100	16.15	0.04	0.06	
10778	10818	33.93	80	100	303.14	0.7	13.2	
10779	10819	280.39	80	100	17.79	0.04	0.07	
10780	10820	688.13	80	100	373.21	0.86	19.41	
10781	10821	154.21	80	100	27.00	0.06	0.15	
10782	10822	140.47	80	100	4.66	0.01	0.01	
10783	10823	1026.33	80	100	62.34	0.14	0.71	
10784	10824	250.01	80	100	73.95	0.17	0.97	
10785	10825	5.75	700	100	592.08	0.02	0	
10786	10826	45.22	700	100	11,484.59	0.35	0.29	
10787	10827	104.08	700	100	27,849.11	0.84	1.47	
10788	10828	35.08	700	100	39,942.26	1.2	2.87	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
10789	10829	3919.28	700	100	1,148.50	0.03	0	
10790	10830	965.41	700	100	32,692.06	0.98	1.98	
10791	10831	1007.24	700	100	27,257.04	0.82	1.41	
10792	10832	89.76	700	100	30,005.05	0.9	1.69	
10793	10833	312.92	700	100	41,104.14	1.24	3.03	
10794	10834	162.3	600	100	21,826.70	0.89	1.99	
10795	10835	154.99	600	100	3,211.28	0.13	0.06	
10796	10836	73.08	600	100	22,600.96	0.93	2.12	
10797	10837	255.95	600	100	19,656.93	0.8	1.64	
10798	10838	44.29	600	100	10,359.26	0.42	0.5	
10799	10839	59.94	600	100	10,359.26	0.42	0.5	
10800	10840	513.49	600	100	14,962.44	0.61	0.99	
10801	10841	535.52	600	100	5,624.06	0.23	0.16	
10802	10842	29.52	600	100	6,272.29	0.26	0.2	
10803	10843	922.47	600	100	17,757.85	0.73	1.36	
10804	10844	69.87	600	100	592.08	0.02	0	
10805	10845	531.4	500	100	27.85	0	0	
10806	10846	194.65	500	100	882.35	0.05	0.01	
10807	10847	111.59	500	100	7,103.39	0.42	0.6	
10808	10848	36.87	500	100	7,352.85	0.43	0.64	
10809	10849	116.52	500	100	6,581.40	0.39	0.52	
10810	10850	41.72	500	100	6,498.23	0.38	0.51	
10811	10851	201.33	500	100	3,575.35	0.21	0.17	
10812	10852	206.45	500	100	10,402.32	0.61	1.22	
10813	10853	62.01	500	100	10,359.26	0.61	1.21	
10814	10854	14.04	500	100	5,267.14	0.31	0.35	
10815	10855	60.51	500	100	5,407.55	0.32	0.36	
10816	10856	55.85	500	100	26,163.02	1.54	6.75	
10817	10857	717.47	500	100	16.35	0	0	
10818	10858	278.35	500	100	67.89	0	0	
10819	10859	359.03	500	100	17,760.72	1.05	3.3	
10820	10860	429.23	500	100	22,529.80	1.33	5.12	
10821	10861	344.66	500	100	1,161.61	0.07	0.02	
10822	10862	5.68	500	100	1,399.73	0.08	0.03	
10823	10863	554.64	500	100	1,104.10	0.07	0.02	
10824	10864	158.5	500	100	19,550.85	1.15	3.94	
10825	10865	9.56	500	100	2,188.97	0.13	0.07	
10826	10866	483.71	500	100	13,107.04	0.77	1.88	
10827	10867	626.76	500	100	2,503.83	0.15	0.09	
10828	10868	56.74	400	100	6,337.65	0.58	1.45	
10829	10869	82.49	400	100	6,259.92	0.58	1.42	
10830	10870	57.14	400	100	6,263.01	0.58	1.42	
10831	10871	53.06	400	100	6,251.06	0.58	1.41	
10832	10872	175.34	400	100	5,644.81	0.52	1.17	
10833	10873	310.27	400	100	2,721.48	0.25	0.3	
10834	10874	91.17	400	100	70.71	0.01	0	
10835	10875	79.73	400	100	47.99	0	0	
10836	10876	116.97	400	100	11.77	0	0	
10837	10877	50.81	400	100	1,578.66	0.15	0.11	
10838	10878	110.06	400	100	6,493.68	0.6	1.52	
10839	10879	62.08	400	100	6,281.13	0.58	1.43	
10840	10880	36.9	400	100	1,227.70	0.11	0.07	
10841	10881	34.57	400	100	1,122.47	0.1	0.06	
10842	10882	40	400	100	1,446.92	0.13	0.09	
10843	10883	58.32	400	100	102.50	0.01	0	
10844	10884	78.99	400	100	2,654.84	0.24	0.29	
10845	10885	111.31	400	100	4,305.88	0.4	0.71	
10846	10886	149.47	150	100	929.76	0.61	4.92	
10847	10887	72.27	400	100	1,677.10	0.15	0.12	
10848	10888	75.74	400	100	1,612.73	0.15	0.11	
10849	10889	16.28	400	100	4,125.87	0.38	0.65	
10850	10890	67.94	400	100	2,126.41	0.2	0.19	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
10851	10891	69.78	400	100	1,892.25	0.17	0.15	
10852	10892	85.05	400	100	1,782.57	0.16	0.14	
10853	10893	66.89	400	100	1,750.09	0.16	0.13	
10854	10894	429.37	400	100	2,171.42	0.2	0.2	
10855	10895	138.59	400	100	2,408.80	0.22	0.24	
10856	10896	170.82	400	100	592.08	0.05	0.02	
10857	10897	238.42	400	100	474.55	0.04	0.01	
10858	10898	69.35	350	100	36.75	0	0	
10859	10899	64.99	350	100	612.33	0.07	0.04	
10860	10900	37.33	350	100	5.18	0	0	
10861	10901	35.18	350	100	245.65	0.03	0.01	
10862	10902	27.44	350	100	485.37	0.06	0.02	
10863	10903	111.73	300	100	1,549.42	0.25	0.43	
10864	10904	210.64	300	100	2,243.99	0.37	0.86	
10865	10905	30.34	300	100	5,694.65	0.93	4.83	
10866	10906	115.5	300	100	3,767.82	0.62	2.25	
10867	10907	93.56	300	100	1,431.06	0.23	0.37	
10868	10908	241.68	300	100	125.03	0.02	0	
10869	10909	429.54	300	100	4,400.13	0.72	2.99	
10870	10910	33.3	300	100	1,341.08	0.22	0.33	
10871	10911	227.24	300	100	3,628.54	0.59	2.09	
10872	10912	234.75	300	100	2,233.84	0.37	0.85	
10873	10913	154.41	300	100	1,246.08	0.2	0.29	
10874	10914	93.57	300	100	1,461.74	0.24	0.39	
10875	10915	229.17	300	100	5,738.04	0.94	4.9	
10876	10916	24.01	300	100	4,569.63	0.75	3.21	
10877	10917	37.86	300	100	4,515.22	0.74	3.14	
10878	10918	115	300	100	4,354.32	0.71	2.94	
10879	10919	257.76	300	100	1,589.89	0.26	0.45	
10880	10920	114.58	300	100	1,673.08	0.27	0.5	
10881	10921	70.7	300	100	2,158.69	0.35	0.8	
10882	10922	18.62	300	100	7,564.32	1.24	8.17	
10883	10923	37.95	300	100	6,531.05	1.07	6.22	
10884	10924	91.09	300	100	209.34	0.03	0.01	
10885	10925	39.57	300	100	768.71	0.13	0.12	
10886	10926	120.62	300	100	448.47	0.07	0.04	
10887	10927	33.11	300	100	259.99	0.04	0.02	
10888	10928	152.84	300	100	2,627.05	0.43	1.15	
10889	10929	234.33	80	100	19.76	0.05	0.08	
10890	10930	464.86	300	100	1,990.30	0.33	0.69	
10891	10931	158.51	300	100	153.90	0.03	0.01	
10892	10932	23.25	300	100	812.77	0.13	0.13	
10893	10933	32.65	300	100	1,706.06	0.28	0.52	
10894	10934	167.64	300	100	32.90	0.01	0	
10895	10935	95.77	300	100	62.33	0.01	0	
10896	10936	335.76	300	100	1,849.92	0.3	0.6	
10897	10937	432.3	300	100	478.30	0.08	0.05	
10898	10938	801.55	200	100	55.69	0.02	0.01	
10899	10939	354.34	500	100	1,278.97	0.08	0.03	
10900	10940	399.21	300	100	4,447.00	0.73	3.05	
10901	10941	117.6	300	100	901.32	0.15	0.16	
10902	10942	72.19	300	100	5,031.07	0.82	3.84	
10903	10943	260.74	300	100	4,045.65	0.66	2.56	
10904	10944	139.86	300	100	2,126.60	0.35	0.78	
10905	10945	106.24	300	100	1,917.50	0.31	0.64	
10906	10946	18.86	300	100	3,972.40	0.65	2.48	
10907	10947	80.91	300	100	3,927.03	0.64	2.43	
10908	10948	105.04	300	100	4,970.68	0.81	3.75	
10909	10949	54.64	300	100	4,895.24	0.8	3.65	
10910	10950	137.77	300	100	1,537.72	0.25	0.43	
10911	10951	179.72	300	100	1,589.99	0.26	0.45	
10912	10952	267.84	300	100	902.13	0.15	0.16	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
10913	10953	178.44	300	100	3.653.00	0.6	2.12	
10914	10954	34.15	300	100	937.88	0.15	0.17	
10915	10955	164.02	300	100	2.282.84	0.37	0.89	
10916	10956	107.64	300	100	5.052.13	0.83	3.87	
10917	10957	125.97	300	100	396.44	0.06	0.03	
10918	10958	16.25	300	100	4.819.29	0.79	3.54	
10919	10959	84.97	300	100	978.78	0.16	0.19	
10920	10960	60.62	300	100	1.157.55	0.19	0.25	
10921	10961	17.2	300	100	6.249.25	1.02	5.73	
10922	10962	286.82	300	100	2.215.75	0.36	0.84	
10923	10963	32.78	300	100	1.714.35	0.28	0.52	
10924	10964	31.43	300	100	1.642.54	0.27	0.48	
10925	10965	177.51	300	100	1.061.61	0.17	0.22	
10926	10966	20.3	300	100	1.580.00	0.26	0.45	
10927	10967	22.55	300	100	1.290.34	0.21	0.31	
10928	10968	116.84	300	100	4.655.73	0.76	3.32	
10929	10969	257.45	300	100	4.689.85	0.77	3.37	
10930	10970	44.41	300	100	4.944.90	0.81	3.72	
10931	10971	288.76	300	100	2.567.52	0.42	1.1	
10932	10972	154.57	300	100	507.23	0.08	0.05	
10933	10973	153.07	300	100	1.191.64	0.2	0.27	
10934	10974	109.88	300	100	4.308.24	0.71	2.88	
10935	10975	31.89	300	100	4.426.38	0.72	3.03	
10936	10976	79.03	300	100	7.251.78	1.19	7.55	
10937	10977	59.76	200	100	315.73	0.12	0.16	
10938	10978	125.06	300	100	5.805.06	0.95	5	
10939	10979	47.3	300	100	1.071.50	0.18	0.22	
10940	10980	38.62	300	100	1.417.16	0.23	0.37	
10941	10981	72.88	300	100	903.77	0.15	0.16	
10942	10982	26.01	300	100	1.514.03	0.25	0.42	
10943	10983	153.14	300	100	1.741.71	0.29	0.54	
10944	10984	132.13	300	100	1.725.15	0.28	0.53	
10945	10985	97.63	300	100	959.75	0.16	0.18	
10946	10986	132.72	300	100	2.471.41	0.4	1.03	
10947	10987	177.83	300	100	166.21	0.03	0.01	
10948	10988	35.8	300	100	138.30	0.02	0	
10949	10989	53.78	300	100	25.44	0	0	
10950	10990	44.09	300	100	102.53	0.02	0	
10951	10991	170.81	300	100	4.004.78	0.66	2.51	
10952	10992	84.08	300	100	848.17	0.14	0.14	
10953	10993	59.15	300	100	748.51	0.12	0.11	
10954	10994	30.32	300	100	1.148.88	0.19	0.25	
10955	10995	136.69	300	100	1.115.35	0.18	0.24	
10956	10996	219.5	300	100	3.881.81	0.64	2.37	
10957	10997	167.75	300	100	59.40	0.01	0	
10958	10998	62.99	300	100	421.46	0.07	0.04	
10959	10999	85.06	300	100	88.33	0.01	0	
10960	11000	34.52	300	100	71.79	0.01	0	
10961	11001	291.04	300	100	3.314.75	0.54	1.77	
10962	11002	38.44	300	100	962.73	0.16	0.18	
10963	11003	164.89	300	100	658.68	0.11	0.09	
10964	11004	25.48	300	100	553.10	0.09	0.06	
10965	11005	116.98	300	100	3.160.62	0.52	1.62	
10966	11006	66.65	300	100	1.732.33	0.28	0.53	
10967	11007	17.01	300	100	820.84	0.13	0.13	
10968	11008	106.26	300	100	2.180.68	0.36	0.82	
10969	11009	112.85	300	100	1.079.99	0.18	0.22	
10970	11010	113.47	300	100	3.305.11	0.54	1.76	
10971	11011	126.81	300	100	1.972.43	0.32	0.68	
10972	11012	132.9	300	100	2.490.63	0.41	1.04	
10973	11013	186.39	300	100	2.719.24	0.45	1.23	
10974	11014	276.16	150	100	476.07	0.31	1.43	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
10975	11015	20.48	300	100	218.42	0.04	0.01	
10976	11016	20.33	300	100	227.35	0.04	0.01	
10977	11017	147.21	300	100	3,030.48	0.5	1.5	
10978	11018	398.64	300	100	0.00	0	0	
10979	11019	213.49	300	100	1,159.40	0.19	0.25	
10980	11020	178.52	300	100	2,670.00	0.44	1.19	
10981	11021	172.53	300	100	4,237.71	0.69	2.79	
10982	11022	19.86	300	100	3,224.54	0.53	1.68	
10983	11023	322.29	300	100	263.80	0.04	0.02	
10984	11024	23.38	300	100	4,094.23	0.67	2.62	
10985	11025	65.62	300	100	897.76	0.15	0.16	
10986	11026	127.93	300	100	5,679.61	0.93	4.8	
10987	11027	57.88	300	100	7,267.77	1.19	7.58	
10988	11028	93.15	300	100	39.00	0.01	0	
10989	11029	11.37	300	100	8,412.14	1.38	9.94	
10990	11030	114.16	300	100	5,450.47	0.89	4.45	
10991	11031	22.11	300	100	2,294.37	0.38	0.9	
10992	11032	723.01	300	100	3,075.13	0.5	1.54	
10993	11033	57.09	300	100	2,567.71	0.42	1.1	
10994	11034	552.35	300	100	1,559.39	0.26	0.44	
10995	11035	12.04	300	100	561.68	0.09	0.07	
10996	11036	37.05	300	100	4,108.70	0.67	2.64	
10997	11037	118.79	300	100	516.39	0.08	0.06	
10998	11038	641.57	300	100	1,209.33	0.2	0.27	
10999	11039	28.79	300	100	214.57	0.04	0.01	
11000	11040	163.13	300	100	5,857.85	0.96	5.09	
11001	11041	496.96	300	100	4,450.52	0.73	3.06	
11002	11042	496.59	300	100	966.37	0.16	0.18	
11003	11043	42.02	300	100	2,614.52	0.43	1.14	
11004	11044	272.47	300	100	1,266.40	0.21	0.3	
11005	11045	88.9	300	100	6,076.28	0.99	5.44	
11006	11046	68.9	300	100	1,784.38	0.29	0.56	
11007	11047	706.54	200	100	35.18	0.01	0	
11008	11048	95.54	300	100	776.62	0.13	0.12	
11009	11049	168.23	300	100	1,481.95	0.24	0.4	
11010	11050	22.51	300	100	3,915.48	0.64	2.41	
11011	11051	89.23	300	100	3,432.46	0.56	1.89	
11012	11052	182.4	300	100	880.59	0.14	0.15	
11013	11053	20.47	300	100	726.70	0.12	0.11	
11014	11054	243.94	300	100	3,836.49	0.63	2.32	
11015	11055	233.05	300	100	572.80	0.09	0.07	
11016	11056	330.55	300	100	82.51	0.01	0	
11017	11057	250.78	300	100	1,584.60	0.26	0.45	
11018	11058	67.01	300	100	238.13	0.04	0.01	
11019	11059	175.63	300	100	26.27	0	0	
11020	11060	210.09	300	100	655.64	0.11	0.09	
11021	11061	198.97	300	100	997.94	0.16	0.19	
11022	11062	85.69	300	100	8,777.24	1.44	10.76	
11023	11063	1011.47	300	100	0.00	0	0	
11024	11064	706	300	100	171.49	0.03	0.01	
11025	11065	588.93	300	100	5,086.78	0.83	3.92	
11026	11066	25.91	300	100	1,565.82	0.26	0.44	
11027	11067	385.99	300	100	998.24	0.16	0.19	
11028	11068	392.93	250	100	1,730.31	0.41	1.29	
11029	11069	402.34	150	100	1,031.61	0.68	5.97	
11030	11070	582.86	250	100	232.33	0.05	0.03	
11031	11071	152.65	250	100	1,102.77	0.26	0.56	
11032	11072	89.46	250	100	1,293.78	0.31	0.75	
11033	11073	41.55	250	100	517.14	0.12	0.14	
11034	11074	16	250	100	537.70	0.13	0.15	
11035	11075	110.26	300	100	1,143.66	0.19	0.25	
11036	11076	48.27	250	100	1,792.49	0.42	1.38	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
11037	11077	35.58	250	100	1,481.91	0.35	0.97	
11038	11078	29.61	250	100	1,738.06	0.41	1.3	
11039	11079	978.06	300	100	110.05	0.02	0	
11040	11080	87.32	250	100	654.73	0.15	0.21	
11041	11081	27.88	250	100	1,204.97	0.28	0.66	
11042	11082	797.32	250	100	1,220.98	0.29	0.68	
11043	11083	224.2	150	100	633.03	0.41	2.42	
11044	11084	150.2	2300	100	118,807.10	0.33	0.07	
11045	11085	104.54	200	100	129.34	0.05	0.03	
11046	11086	89.99	200	100	80.70	0.03	0.01	
11047	11087	59.32	200	100	437.83	0.16	0.3	
11048	11088	178.25	150	100	335.83	0.22	0.75	
11049	11089	118.91	200	100	199.92	0.07	0.07	
11050	11090	257.07	200	100	645.85	0.24	0.62	
11051	11091	93.27	200	100	167.13	0.06	0.05	
11052	11093	161.88	80	100	105.92	0.24	1.88	
11053	11094	133.08	300	100	19.71	0	0	
11054	11095	99.34	200	100	354.76	0.13	0.2	
11055	11096	125.2	200	100	372.61	0.14	0.22	
11056	11097	95.82	200	100	388.68	0.14	0.24	
11057	11098	498.76	200	100	908.61	0.33	1.16	
11058	11099	312.92	200	100	637.60	0.23	0.6	
11059	11100	78.63	200	100	445.49	0.16	0.31	
11060	11101	38.37	200	100	519.54	0.19	0.41	
11061	11102	206.29	200	100	1,130.92	0.42	1.74	
11062	11103	207.53	200	100	91.45	0.03	0.02	
11063	11104	390.28	200	100	498.69	0.18	0.38	
11064	11105	16.86	200	100	748.31	0.28	0.81	
11065	11106	68.73	200	100	707.68	0.26	0.73	
11066	11107	19.8	200	100	918.16	0.34	1.18	
11067	11108	103.88	200	100	1,154.91	0.43	1.81	
11068	11109	24.52	200	100	1,069.12	0.39	1.57	
11069	11110	13.37	200	100	1,181.64	0.44	1.89	
11070	11111	75.66	200	100	550.42	0.2	0.46	
11071	11112	171.98	150	100	363.69	0.24	0.87	
11072	11113	70.78	200	100	396.66	0.15	0.25	
11073	11114	74.34	200	100	511.03	0.19	0.4	
11074	11115	124.81	200	100	27.05	0.01	0	
11075	11116	29.25	200	100	547.65	0.2	0.46	
11076	11117	23.19	200	100	610.29	0.22	0.56	
11077	11118	133.1	200	100	462.91	0.17	0.33	
11078	11119	77.35	200	100	1,055.86	0.39	1.53	
11079	11120	85.27	200	100	1,160.61	0.43	1.83	
11080	11121	140.72	200	100	1,333.96	0.49	2.37	
11081	11122	123.1	200	100	3.59	0	0	
11082	11123	195.59	200	100	751.99	0.28	0.82	
11083	11124	113.24	200	100	0.01	0	0	
11084	11125	75.89	200	100	48.44	0.02	0.01	
11085	11126	20.31	200	100	69.74	0.03	0.01	
11086	11127	63.97	200	100	347.13	0.13	0.2	
11087	11128	128.9	100	100	218.48	0.32	2.43	
11088	11129	13.3	200	100	446.56	0.16	0.31	
11089	11130	32.64	200	100	623.82	0.23	0.58	
11090	11131	28.53	200	100	605.61	0.22	0.55	
11091	11132	76.06	200	100	655.99	0.24	0.64	
11092	11133	61.17	200	100	759.33	0.28	0.83	
11093	11134	122.45	200	100	858.48	0.32	1.05	
11094	11135	104.13	200	100	798.41	0.29	0.91	
11095	11136	57.27	200	100	1,346.86	0.5	2.41	
11096	11137	57.41	200	100	1,403.65	0.52	2.6	
11097	11138	56.88	200	100	1,352.91	0.5	2.43	
11098	11139	276.1	200	100	155.48	0.06	0.04	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
11099	11140	144.3	200	100	140.56	0.05	0.04	
11100	11141	142.03	200	100	535.12	0.2	0.44	
11101	11142	641.1	200	100	341.76	0.13	0.19	
11102	11143	64.04	200	100	160.97	0.06	0.05	
11103	11144	16.91	200	100	342.46	0.13	0.19	
11104	11145	30.16	200	100	269.90	0.1	0.12	
11105	11146	154.59	200	100	1,004.95	0.37	1.4	
11106	11147	50.11	200	100	820.23	0.3	0.96	
11107	11148	110.8	200	100	181.80	0.07	0.06	
11108	11149	33.84	200	100	938.95	0.35	1.23	
11109	11150	57.53	200	100	954.36	0.35	1.27	
11110	11151	27.33	100	100	212.86	0.31	2.31	
11111	11152	61.51	200	100	428.61	0.16	0.29	
11112	11153	149.99	200	100	730.62	0.27	0.78	
11113	11154	13.34	200	100	314.59	0.12	0.16	
11114	11155	370.95	200	100	722.51	0.27	0.76	
11115	11156	211.77	200	100	147.05	0.05	0.04	
11116	11157	81.96	200	100	2,018.84	0.74	5.1	
11117	11158	180.89	200	100	56.81	0.02	0.01	
11118	11159	116.18	200	100	345.88	0.13	0.19	
11119	11160	77.14	200	100	481.74	0.18	0.36	
11120	11161	209.76	200	100	1.42	0	0	
11121	11162	53.07	200	100	1,164.84	0.43	1.84	
11122	11163	212.01	200	100	878.54	0.32	1.09	
11123	11164	12.76	200	100	1,041.75	0.38	1.5	
11124	11165	94.65	200	100	837.50	0.31	1	
11125	11166	211.08	200	100	0.00	0	0	
11126	11167	52.86	200	100	252.27	0.09	0.11	
11127	11168	87.9	200	100	190.80	0.07	0.06	
11128	11169	250.7	200	100	446.09	0.16	0.31	
11129	11170	106.51	200	100	372.73	0.14	0.22	
11130	11171	163.88	200	100	1,814.39	0.67	4.18	
11131	11172	171.1	200	100	1,817.98	0.67	4.2	
11132	11173	47	200	100	620.64	0.23	0.57	
11133	11174	58.58	200	100	680.17	0.25	0.68	
11134	11175	80.65	200	100	248.69	0.09	0.11	
11135	11176	163.2	200	100	764.74	0.28	0.84	
11136	11177	279.47	200	100	1,691.79	0.62	3.67	
11137	11178	156.78	200	100	653.50	0.24	0.63	
11138	11179	434.34	200	100	1,497.45	0.55	2.93	
11139	11180	70.72	200	100	97.47	0.04	0.02	
11140	11181	121.15	200	100	20.72	0.01	0	
11141	11182	145.55	200	100	83.20	0.03	0.01	
11142	11183	136.48	200	100	1,181.90	0.44	1.89	
11143	11184	106.97	200	100	787.06	0.29	0.89	
11144	11185	208.81	200	100	819.68	0.3	0.96	
11145	11186	157.77	200	100	197.07	0.07	0.07	
11146	11187	75.47	200	100	2,269.22	0.84	6.33	
11147	11188	28.06	200	100	236.04	0.09	0.1	
11148	11189	33.16	200	100	222.34	0.08	0.09	
11149	11190	127.26	200	100	440.80	0.16	0.3	
11150	11191	79.43	200	100	682.91	0.25	0.68	
11151	11192	29.87	200	100	987.71	0.36	1.36	
11152	11193	38.43	200	100	19.73	0.01	0	
11153	11194	21.1	200	100	2,411.44	0.89	7.08	
11154	11195	39.97	200	100	2,127.68	0.78	5.62	
11155	11196	81.92	200	100	714.75	0.26	0.74	
11156	11197	536.83	200	100	608.06	0.22	0.55	
11157	11198	159.19	200	100	1,177.12	0.43	1.88	
11158	11199	90.43	200	100	650.53	0.24	0.63	
11159	11200	327.66	200	100	1,228.01	0.45	2.03	
11160	11201	110.92	200	100	1,872.22	0.69	4.43	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
11161	11202	97.06	200	100	1.682.58	0.62	3.64	
11162	11203	66.42	200	100	1.524.49	0.56	3.03	
11163	11204	130.66	200	100	1.184.22	0.44	1.9	
11164	11205	668.89	80	100	0.00	0	0	
11165	11206	28.71	200	100	1.155.05	0.43	1.81	
11166	11207	114.78	200	100	637.77	0.23	0.6	
11167	11208	430.79	150	100	1.137.87	0.75	7.16	
11168	11209	35.18	200	100	7.77	0	0	
11169	11210	197.58	200	100	142.17	0.05	0.04	
11170	11211	25.76	200	100	72.48	0.03	0.01	
11171	11212	40.77	200	100	0.05	0	0	
11172	11213	39.08	200	100	65.38	0.02	0.01	
11173	11214	68.95	200	100	236.54	0.09	0.1	
11174	11215	34.8	200	100	235.40	0.09	0.1	
11175	11216	438.44	200	100	365.27	0.13	0.21	
11176	11217	116.8	200	100	849.42	0.31	1.03	
11177	11218	96.43	200	100	103.93	0.04	0.02	
11178	11219	123.69	200	100	0.34	0	0	
11179	11220	13.49	200	100	107.73	0.04	0.02	
11180	11221	163.39	200	100	112.67	0.04	0.02	
11181	11222	68.6	200	100	1.259.97	0.46	2.13	
11182	11223	10.18	200	100	2.241.19	0.83	6.19	
11183	11224	72.72	200	100	690.90	0.25	0.7	
11184	11225	78.46	200	100	549.95	0.2	0.46	
11185	11226	62.42	200	100	471.33	0.17	0.34	
11186	11227	37.83	200	100	1.011.34	0.37	1.42	
11187	11228	121.83	200	100	670.40	0.25	0.66	
11188	11229	121.61	200	100	528.47	0.19	0.43	
11189	11230	107.86	200	100	416.53	0.15	0.27	
11190	11231	41.8	200	100	1.228.59	0.45	2.03	
11191	11232	98.16	200	100	113.78	0.04	0.02	
11192	11233	74.52	200	100	0.00	0	0	
11193	11234	127.15	200	100	2.017.38	0.74	5.09	
11194	11235	44.74	200	100	227.63	0.08	0.09	
11195	11236	126.2	200	100	765.42	0.28	0.85	
11196	11237	251.71	200	100	68.89	0.03	0.01	
11197	11238	61.88	200	100	356.39	0.13	0.21	
11198	11239	149.26	200	100	545.25	0.2	0.45	
11199	11240	96.04	150	100	24.00	0.02	0.01	
11200	11241	48.8	200	100	851.59	0.31	1.03	
11201	11242	444.53	200	100	231.43	0.09	0.09	
11202	11243	443.15	200	100	554.75	0.2	0.47	
11203	11244	152.12	200	100	1.662.77	0.61	3.56	
11204	11245	111.53	200	100	15.80	0.01	0	
11205	11246	27.73	200	100	975.70	0.36	1.33	
11206	11247	366.79	200	100	518.41	0.19	0.41	
11207	11248	449.24	200	100	1.641.66	0.6	3.48	
11208	11249	91.52	200	100	1.084.81	0.4	1.61	
11209	11250	123.96	200	100	1.815.68	0.67	4.19	
11210	11251	114.43	150	100	48.27	0.03	0.02	
11211	11252	36.58	200	100	191.81	0.07	0.07	
11212	11253	99.24	200	100	118.05	0.04	0.03	
11213	11254	53.25	200	100	1.444.13	0.53	2.74	
11214	11255	9.95	200	100	99.62	0.04	0.02	
11215	11256	210.45	200	100	1.226.26	0.45	2.02	
11216	11257	36.68	200	100	198.94	0.07	0.07	
11217	11258	1324.64	200	100	533.62	0.2	0.43	
11218	11259	46.29	200	100	2.844.51	1.05	9.62	
11219	11260	158.64	200	100	252.45	0.09	0.11	
11220	11261	325.18	200	100	1.040.51	0.38	1.49	
11221	11262	10.77	200	100	1.336.30	0.49	2.37	
11222	11263	87.72	1650	100	135.788.10	0.73	0.42	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
11223	11264	1443.11	1650	100	51.163.00	0.28	0.07	
11224	11265	80.92	1650	100	59.410.75	0.32	0.09	
11225	11266	129.69	1650	100	190.024.00	1.03	0.79	
11226	11267	233.9	150	100	9.90	0.01	0	
11227	11268	25.18	150	100	623.45	0.41	2.35	
11228	11269	155.75	150	100	387.70	0.25	0.97	
11229	11270	103.27	150	100	272.51	0.18	0.51	
11230	11271	106.2	150	100	222.77	0.15	0.35	
11231	11272	80.77	150	100	143.92	0.09	0.16	
11232	11273	141.96	150	100	112.01	0.07	0.1	
11233	11274	109.71	150	100	205.94	0.13	0.3	
11234	11275	204	150	100	453.22	0.3	1.3	
11235	11276	56.89	150	100	681.90	0.45	2.77	
11236	11277	179.58	200	100	27.00	0.01	0	
11237	11278	28.34	150	100	220.57	0.14	0.34	
11238	11279	207.92	150	100	917.29	0.6	4.8	
11239	11280	494.95	150	100	365.04	0.24	0.87	
11240	11281	38.05	150	100	89.43	0.06	0.06	
11241	11282	22.42	150	100	121.18	0.08	0.11	
11242	11283	72.25	150	100	56.44	0.04	0.03	
11243	11284	191.78	80	100	117.52	0.27	2.28	
11244	11285	262.78	150	100	1.011.32	0.66	5.75	
11245	11286	41.57	150	100	300.82	0.2	0.61	
11246	11287	25.81	150	100	217.33	0.14	0.33	
11247	11288	164.79	150	100	339.17	0.22	0.76	
11248	11289	79.18	150	100	209.79	0.14	0.31	
11249	11290	6.6	150	100	7.24	0	0	
11250	11291	88.83	150	100	2.54	0	0	
11251	11292	17.26	150	100	135.41	0.09	0.14	
11252	11293	58.78	150	100	201.02	0.13	0.29	
11253	11294	134.35	150	100	240.03	0.16	0.4	
11254	11295	138.46	150	100	231.46	0.15	0.37	
11255	11296	60.87	150	100	16.81	0.01	0	
11256	11297	217.65	150	100	55.64	0.04	0.03	
11257	11298	81.71	150	100	70.51	0.05	0.04	
11258	11299	78.32	150	100	108.25	0.07	0.09	
11259	11300	69.14	150	100	352.09	0.23	0.82	
11260	11301	46.82	150	100	179.59	0.12	0.23	
11261	11302	50.79	150	100	330.01	0.22	0.72	
11262	11303	30.48	150	100	10.85	0.01	0	
11263	11304	46	150	100	362.44	0.24	0.86	
11264	11305	122.5	150	100	353.49	0.23	0.82	
11265	11306	70.8	150	100	477.91	0.31	1.44	
11266	11307	53.32	150	100	330.10	0.22	0.72	
11267	11308	70.01	150	100	833.00	0.55	4.02	
11268	11309	40.9	150	100	631.90	0.41	2.41	
11269	11310	20.15	150	100	236.87	0.16	0.39	
11270	11311	114.26	150	100	435.48	0.29	1.21	
11271	11312	66.59	150	100	180.04	0.12	0.24	
11272	11313	66.47	150	100	410.58	0.27	1.08	
11273	11314	66.81	150	100	235.13	0.15	0.39	
11274	11315	115.7	150	100	449.37	0.29	1.28	
11275	11316	69.03	150	100	409.44	0.27	1.08	
11276	11317	18.33	150	100	721.15	0.47	3.08	
11277	11318	68.7	150	100	802.83	0.53	3.75	
11278	11319	79.01	150	100	73.00	0.05	0.04	
11279	11320	137.63	150	100	412.94	0.27	1.1	
11280	11321	30.04	150	100	493.46	0.32	1.52	
11281	11322	53.43	150	100	94.21	0.06	0.07	
11282	11323	47.74	200	100	1.510.15	0.56	2.98	
11283	11324	484.12	150	100	412.76	0.27	1.09	
11284	11325	72.1	150	100	46.56	0.03	0.02	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
11285	11326	94.95	150	100	78.52	0.05	0.05	
11286	11327	213.2	150	100	260.56	0.17	0.47	
11287	11328	280.15	200	100	25.29	0.01	0	
11288	11329	60.45	150	100	55.45	0.04	0.03	
11289	11330	150.13	150	100	7.75	0.01	0	
11290	11331	65.03	150	100	201.41	0.13	0.29	
11291	11332	79.64	150	100	69.75	0.05	0.04	
11292	11333	180.79	150	100	360.65	0.24	0.85	
11293	11334	84.54	150	100	674.73	0.44	2.72	
11294	11335	14.7	150	100	1.96	0	0	
11295	11336	54.56	150	100	218.05	0.14	0.34	
11296	11337	42.97	150	100	238.67	0.16	0.4	
11297	11338	74.3	150	100	684.29	0.45	2.79	
11298	11339	112.78	150	100	230.58	0.15	0.37	
11299	11340	11.79	150	100	261.65	0.17	0.47	
11300	11341	28.81	150	100	406.02	0.27	1.06	
11301	11342	82.69	150	100	202.66	0.13	0.29	
11302	11343	73.27	150	100	196.38	0.13	0.28	
11303	11344	62.48	150	100	1,524.08	1	12.3	
11304	11345	136.63	150	100	924.51	0.61	4.87	
11305	11346	53.81	150	100	231.73	0.15	0.38	
11306	11347	5.94	150	100	151.90	0.1	0.17	
11307	11348	56.27	150	100	189.63	0.12	0.26	
11308	11349	56.12	150	100	316.08	0.21	0.67	
11309	11350	27.22	150	100	571.76	0.37	2	
11310	11351	71.72	150	100	432.95	0.28	1.2	
11311	11352	29.75	150	100	113.38	0.07	0.1	
11312	11353	30.43	150	100	329.22	0.22	0.72	
11313	11354	9.81	150	100	238.37	0.16	0.4	
11314	11355	27.74	150	100	282.69	0.19	0.54	
11315	11356	10.2	150	100	261.63	0.17	0.47	
11316	11357	271.88	150	100	91.46	0.06	0.07	
11317	11358	89.74	150	100	353.53	0.23	0.82	
11318	11359	166.61	150	100	259.45	0.17	0.46	
11319	11360	93.96	150	100	94.77	0.06	0.07	
11320	11361	75.42	150	100	14.77	0.01	0	
11321	11362	388.98	150	100	58.97	0.04	0.03	
11322	11363	412.95	150	100	0.00	0	0	
11323	11364	56.03	150	100	0.00	0	0	
11324	11365	8.55	150	100	1,391.43	0.91	10.39	
11325	11366	23.17	150	100	852.22	0.56	4.19	
11326	11367	185.95	150	100	438.11	0.29	1.22	
11327	11368	38.7	150	100	231.05	0.15	0.37	
11328	11369	112.79	150	100	281.42	0.18	0.54	
11329	11370	37.61	150	100	191.35	0.13	0.26	
11330	11371	6.94	150	100	397.80	0.26	1.02	
11331	11372	39.09	150	100	483.51	0.32	1.47	
11332	11373	41.32	150	100	407.67	0.27	1.07	
11333	11374	116.04	150	100	280.43	0.18	0.53	
11334	11375	31.78	150	100	456.33	0.3	1.32	
11335	11376	75.16	150	100	178.38	0.12	0.23	
11336	11377	74.78	150	100	18.22	0.01	0	
11337	11378	152.58	150	100	69.77	0.05	0.04	
11338	11379	55.92	150	100	683.94	0.45	2.79	
11339	11380	27.13	150	100	93.94	0.06	0.07	
11340	11381	28.92	150	100	160.37	0.11	0.19	
11341	11382	107.11	200	100	233.24	0.09	0.09	
11342	11383	59.1	150	100	60.27	0.04	0.03	
11343	11384	52.51	150	100	279.19	0.18	0.53	
11344	11385	115.69	150	100	462.04	0.3	1.35	
11345	11386	55.39	150	100	46.12	0.03	0.02	
11346	11387	75.2	150	100	441.89	0.29	1.24	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
11347	11388	69.96	150	100	70.75	0.05	0.04	
11348	11389	46.14	150	100	115.31	0.08	0.1	
11349	11390	97.1	150	100	539.63	0.35	1.8	
11350	11391	68.83	150	100	104.45	0.07	0.09	
11351	11392	121.58	150	100	165.46	0.11	0.2	
11352	11393	13.45	150	100	287.27	0.19	0.56	
11353	11394	31.55	150	100	279.98	0.18	0.53	
11354	11395	76.93	150	100	8.76	0.01	0	
11355	11396	17.45	150	100	250.36	0.16	0.43	
11356	11397	449.11	150	100	137.30	0.09	0.14	
11357	11398	20.22	150	100	69.78	0.05	0.04	
11358	11399	232.23	150	100	234.69	0.15	0.38	
11359	11400	234.72	150	100	550.56	0.36	1.87	
11360	11401	42.32	150	100	556.11	0.36	1.9	
11361	11402	127.25	150	100	672.82	0.44	2.7	
11362	11403	93.6	150	100	301.30	0.2	0.61	
11363	11404	99.16	150	100	104.50	0.07	0.09	
11364	11405	59.32	150	100	41.45	0.03	0.02	
11365	11406	82.44	150	100	24.53	0.02	0.01	
11366	11407	52.49	150	100	47.73	0.03	0.02	
11367	11408	123.7	150	100	72.13	0.05	0.04	
11368	11409	136.91	150	100	398.44	0.26	1.03	
11369	11410	26.2	150	100	247.91	0.16	0.43	
11370	11411	161.8	150	100	182.00	0.12	0.24	
11371	11412	45.22	150	100	228.31	0.15	0.37	
11372	11413	152.49	150	100	356.17	0.23	0.83	
11373	11414	32.67	150	100	529.79	0.35	1.74	
11374	11415	60.59	150	100	568.13	0.37	1.98	
11375	11416	59.21	150	100	5.98	0	0	
11376	11417	43.63	150	100	5.42	0	0	
11377	11418	54.85	150	100	0.00	0	0	
11378	11419	41.56	150	100	1,141.15	0.75	7.2	
11379	11420	113.65	150	100	227.29	0.15	0.36	
11380	11421	315.7	150	100	633.64	0.42	2.42	
11381	11422	75	150	100	25.14	0.02	0.01	
11382	11423	80.4	150	100	591.58	0.39	2.13	
11383	11424	34.82	150	100	432.32	0.28	1.19	
11384	11425	80.98	150	100	142.89	0.09	0.15	
11385	11426	74.08	150	100	81.21	0.05	0.05	
11386	11427	70.7	150	100	212.65	0.14	0.32	
11387	11428	145.09	150	100	126.91	0.08	0.12	
11388	11429	32.76	150	100	132.23	0.09	0.13	
11389	11430	68.69	150	100	123.77	0.08	0.12	
11390	11431	38.84	150	100	150.48	0.1	0.17	
11391	11432	168.48	150	100	206.84	0.14	0.3	
11392	11433	29.88	150	100	164.09	0.11	0.2	
11393	11434	29.33	150	100	2.96	0	0	
11394	11435	32.52	150	100	54.85	0.04	0.03	
11395	11436	64.82	150	100	308.49	0.2	0.64	
11396	11437	36.53	150	100	404.33	0.26	1.05	
11397	11438	32.35	150	100	209.23	0.14	0.31	
11398	11439	27	150	100	223.97	0.15	0.35	
11399	11440	25.83	150	100	174.64	0.11	0.22	
11400	11441	30.81	150	100	351.15	0.23	0.81	
11401	11442	37.76	150	100	460.03	0.3	1.34	
11402	11443	29.33	150	100	286.88	0.19	0.56	
11403	11444	31.46	150	100	242.97	0.16	0.41	
11404	11445	32.66	150	100	236.35	0.15	0.39	
11405	11446	26.01	150	100	159.55	0.1	0.19	
11406	11447	29.53	150	100	224.89	0.15	0.36	
11407	11448	29.96	150	100	225.38	0.15	0.36	
11408	11449	29.7	150	100	182.81	0.12	0.24	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
11409	11450	116.89	150	100	191.85	0.13	0.26	
11410	11451	35.14	150	100	273.16	0.18	0.51	
11411	11452	28.6	150	100	778.42	0.51	3.54	
11412	11453	27.33	150	100	325.31	0.21	0.7	
11413	11454	89.13	150	100	77.46	0.05	0.05	
11414	11455	79.47	150	100	71.85	0.05	0.04	
11415	11456	80.36	150	100	144.68	0.09	0.16	
11416	11457	73.76	150	100	15.94	0.01	0	
11417	11458	161.89	150	100	132.26	0.09	0.13	
11418	11459	161.95	150	100	112.00	0.07	0.1	
11419	11460	78.18	150	100	1.46	0	0	
11420	11461	165.4	150	100	110.10	0.07	0.09	
11421	11462	74.94	150	100	56.75	0.04	0.03	
11422	11463	321.53	150	100	196.21	0.13	0.28	
11423	11464	162.71	150	100	267.64	0.18	0.49	
11424	11465	75.68	150	100	354.95	0.23	0.83	
11425	11466	17.56	150	100	172.38	0.11	0.22	
11426	11467	63.69	150	100	842.02	0.55	4.1	
11427	11468	28.97	150	100	198.63	0.13	0.28	
11428	11469	24.55	150	100	300.65	0.2	0.61	
11429	11470	13.06	150	100	538.41	0.35	1.79	
11430	11471	27.03	150	100	346.10	0.23	0.79	
11431	11472	24.17	150	100	32.72	0.02	0.01	
11432	11473	3.8	150	100	485.93	0.32	1.48	
11433	11474	40.44	150	100	411.44	0.27	1.09	
11434	11475	90.6	150	100	116.23	0.08	0.1	
11435	11476	65.31	150	100	359.58	0.24	0.85	
11436	11477	12.2	150	100	10.18	0.01	0	
11437	11478	79.61	150	100	211.72	0.14	0.32	
11438	11479	71.77	150	100	570.51	0.37	1.99	
11439	11480	79.41	150	100	169.87	0.11	0.21	
11440	11481	160.25	150	100	119.25	0.08	0.11	
11441	11482	168.25	150	100	516.27	0.34	1.66	
11442	11483	53.33	150	100	246.28	0.16	0.42	
11443	11484	31.58	150	100	828.47	0.54	3.98	
11444	11485	161.99	150	100	52.64	0.03	0.02	
11445	11486	25.89	150	100	168.26	0.11	0.21	
11446	11487	24.86	150	100	21.69	0.01	0	
11447	11488	174.37	150	100	696.69	0.46	2.89	
11448	11489	72.66	150	100	492.42	0.32	1.52	
11449	11490	60.36	150	100	45.77	0.03	0.02	
11450	11491	61.4	150	100	333.19	0.22	0.74	
11451	11492	70.23	150	100	78.35	0.05	0.05	
11452	11493	63.02	150	100	66.00	0.04	0.04	
11453	11494	85.32	150	100	11.47	0.01	0	
11454	11495	68.63	150	100	73.39	0.05	0.04	
11455	11496	45.73	150	100	44.53	0.03	0.02	
11456	11497	86.34	150	100	19.96	0.01	0	
11457	11498	75.68	150	100	155.56	0.1	0.18	
11458	11499	81.63	150	100	77.01	0.05	0.05	
11459	11500	191.8	150	100	65.49	0.04	0.04	
11460	11501	152.24	150	100	39.87	0.03	0.01	
11461	11502	104.1	150	100	74.17	0.05	0.05	
11462	11503	148.83	150	100	112.20	0.07	0.1	
11463	11504	259.21	150	100	84.12	0.06	0.06	
11464	11505	66.22	150	100	115.57	0.08	0.1	
11465	11506	96.61	150	100	169.36	0.11	0.21	
11466	11507	124.15	150	100	23.70	0.02	0.01	
11467	11508	86.2	150	100	59.30	0.04	0.03	
11468	11509	158.2	150	100	117.56	0.08	0.11	
11469	11510	143.82	150	100	363.09	0.24	0.86	
11470	11511	128.29	150	100	322.91	0.21	0.69	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
11471	11512	84.34	150	100	25.99	0.02	0.01	
11472	11513	50.17	150	100	61.73	0.04	0.03	
11473	11514	39.17	150	100	94.42	0.06	0.07	
11474	11515	12.88	150	100	206.12	0.14	0.3	
11475	11516	41.3	150	100	59.64	0.04	0.03	
11476	11517	34.77	150	100	70.17	0.05	0.04	
11477	11518	13.13	150	100	108.91	0.07	0.09	
11478	11519	32.21	150	100	96.49	0.06	0.07	
11479	11520	40.46	150	100	67.06	0.04	0.04	
11480	11521	201.25	150	100	231.85	0.15	0.38	
11481	11522	127.3	150	100	177.85	0.12	0.23	
11482	11523	66.42	150	100	118.64	0.08	0.11	
11483	11524	129.44	150	100	158.52	0.1	0.19	
11484	11525	48.61	150	100	72.95	0.05	0.04	
11485	11526	64.46	150	100	123.83	0.08	0.12	
11486	11527	52.84	150	100	164.74	0.11	0.2	
11487	11528	114.57	150	100	81.71	0.05	0.05	
11488	11529	77.59	150	100	236.52	0.15	0.39	
11489	11530	53.71	150	100	61.28	0.04	0.03	
11490	11531	75.26	150	100	269.17	0.18	0.5	
11491	11532	112.26	150	100	86.13	0.06	0.06	
11492	11533	36.45	150	100	169.00	0.11	0.21	
11493	11534	35.83	150	100	132.87	0.09	0.13	
11494	11535	210.96	150	100	66.91	0.04	0.04	
11495	11536	207.15	150	100	65.12	0.04	0.04	
11496	11537	49.83	150	100	64.03	0.04	0.03	
11497	11538	62.79	150	100	66.96	0.04	0.04	
11498	11539	46.1	150	100	182.60	0.12	0.24	
11499	11540	130.1	150	100	203.30	0.13	0.29	
11500	11541	51.11	150	100	302.09	0.2	0.61	
11501	11542	86.35	150	100	399.60	0.26	1.03	
11502	11543	55.97	150	100	204.27	0.13	0.3	
11503	11544	121.37	150	100	259.68	0.17	0.46	
11504	11545	36.39	150	100	92.38	0.06	0.07	
11505	11546	74.4	150	100	590.65	0.39	2.13	
11506	11547	69.39	150	100	63.07	0.04	0.03	
11507	11548	223.3	150	100	103.66	0.07	0.08	
11508	11549	38.24	150	100	296.11	0.19	0.59	
11509	11550	32.77	150	100	159.66	0.1	0.19	
11510	11551	132.68	150	100	398.54	0.26	1.03	
11511	11552	125.58	150	100	10.50	0.01	0	
11512	11553	62.75	150	100	18.77	0.01	0	
11513	11554	76.6	150	100	1.21	0	0	
11514	11555	75.23	150	100	45.02	0.03	0.02	
11515	11556	60.15	150	100	75.93	0.05	0.05	
11516	11557	60.21	150	100	27.89	0.02	0.01	
11517	11558	85.42	150	100	26.75	0.02	0.01	
11518	11559	159.67	150	100	72.28	0.05	0.04	
11519	11560	13.94	150	100	123.73	0.08	0.12	
11520	11561	161.99	150	100	366.47	0.24	0.88	
11521	11562	201.73	150	100	39.58	0.03	0.01	
11522	11563	94.37	150	100	125.19	0.08	0.12	
11523	11564	103.97	150	100	236.25	0.15	0.39	
11524	11565	57.37	150	100	27.58	0.02	0.01	
11525	11566	190.94	150	100	74.41	0.05	0.05	
11526	11567	91.98	150	100	887.63	0.58	4.52	
11527	11568	515.19	150	100	494.31	0.32	1.53	
11528	11569	92.08	150	100	140.85	0.09	0.15	
11529	11570	76.67	150	100	161.33	0.11	0.19	
11530	11571	18.75	150	100	1,046.01	0.69	6.12	
11531	11572	51.42	150	100	1,255.46	0.82	8.59	
11532	11573	99.42	150	100	1,600.62	1.05	13.46	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
11533	11574	18.19	150	100	11.66	0.01	0	
11534	11575	138.64	150	100	596.03	0.39	2.16	
11535	11576	135.16	150	100	322.56	0.21	0.69	
11536	11577	65.24	150	100	594.70	0.39	2.15	
11537	11578	65.19	150	100	591.83	0.39	2.13	
11538	11579	63.51	150	100	532.33	0.35	1.75	
11539	11580	110.1	150	100	332.51	0.22	0.73	
11540	11581	69.8	150	100	476.70	0.31	1.43	
11541	11582	60.29	150	100	36.96	0.02	0.01	
11542	11583	123.01	150	100	148.26	0.1	0.16	
11543	11584	72.02	150	100	9.86	0.01	0	
11544	11585	27.29	150	100	52.36	0.03	0.02	
11545	11586	58.47	150	100	11.26	0.01	0	
11546	11587	116.37	150	100	288.92	0.19	0.57	
11547	11588	63.46	150	100	810.51	0.53	3.82	
11548	11589	69.04	150	100	207.82	0.14	0.31	
11549	11590	160.9	150	100	98.15	0.06	0.08	
11550	11591	158.14	150	100	221.60	0.15	0.35	
11551	11592	55.99	150	100	64.41	0.04	0.04	
11552	11593	285.03	150	100	703.53	0.46	2.94	
11553	11594	55.63	150	100	638.82	0.42	2.46	
11554	11595	59.84	150	100	896.27	0.59	4.6	
11555	11596	146.36	150	100	236.11	0.15	0.39	
11556	11597	65.18	150	100	936.52	0.61	4.99	
11557	11598	236.72	150	100	866.03	0.57	4.32	
11558	11599	26.54	150	100	304.44	0.2	0.62	
11559	11600	41.09	150	100	369.15	0.24	0.89	
11560	11601	198.58	150	100	146.20	0.1	0.16	
11561	11602	60.34	200	100	615.74	0.23	0.57	
11562	11603	66.15	150	100	1,027.56	0.67	5.93	
11563	11604	144.66	150	100	787.80	0.52	3.62	
11564	11605	70.79	150	100	292.25	0.19	0.58	
11565	11606	146.32	150	100	819.55	0.54	3.9	
11566	11607	56.86	150	100	603.99	0.4	2.21	
11567	11608	56.31	150	100	98.25	0.06	0.08	
11568	11609	76.47	150	100	56.18	0.04	0.03	
11569	11610	136.78	150	100	11.93	0.01	0	
11570	11611	79.74	150	100	194.13	0.13	0.27	
11571	11612	73.27	150	100	50.90	0.03	0.02	
11572	11613	72.36	150	100	184.73	0.12	0.25	
11573	11614	57.91	150	100	942.35	0.62	5.05	
11574	11615	113.76	150	100	428.95	0.28	1.18	
11575	11616	114.53	150	100	222.61	0.15	0.35	
11576	11617	18.68	300	100	807.88	0.13	0.13	
11577	11618	164.78	150	100	1,314.99	0.86	9.36	
11578	11619	497.6	300	100	552.57	0.09	0.06	
11579	11620	568.37	150	100	740.19	0.48	3.23	
11580	11621	532.7	150	100	828.10	0.54	3.97	
11581	11622	107.81	150	100	640.74	0.42	2.47	
11582	11623	185.86	150	100	105.04	0.07	0.09	
11583	11624	180.56	100	100	617.47	0.91	16.63	
11584	11625	497.23	150	100	761.59	0.5	3.4	
11585	11626	58.77	150	100	164.08	0.11	0.2	
11586	11627	202.97	150	100	64.38	0.04	0.04	
11587	11628	118.29	150	100	20.45	0.01	0	
11588	11629	130.48	150	100	328.62	0.22	0.72	
11589	11630	48.36	150	100	87.17	0.06	0.06	
11590	11631	230.81	150	100	1,306.96	0.86	9.25	
11591	11632	279.63	150	100	272.62	0.18	0.51	
11592	11633	235.55	150	100	332.46	0.22	0.73	
11593	11634	66.33	150	100	125.71	0.08	0.12	
11594	11635	65.43	150	100	198.02	0.13	0.28	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
11595	11636	106.81	150	100	25.88	0.02	0.01	
11596	11637	55.71	150	100	28.87	0.02	0.01	
11597	11638	59.84	150	100	13.63	0.01	0	
11598	11639	26.57	150	100	34.04	0.02	0.01	
11599	11640	146.16	150	100	36.60	0.02	0.01	
11600	11641	137.06	150	100	8.60	0.01	0	
11601	11642	88.4	150	100	174.31	0.11	0.22	
11602	11643	75.46	150	100	50.69	0.03	0.02	
11603	11644	124.11	150	100	18.31	0.01	0	
11604	11645	127.58	150	100	25.20	0.02	0.01	
11605	11646	195.76	150	100	22.55	0.01	0.01	
11606	11647	25.48	150	100	1,521.18	1	12.25	
11607	11648	70.14	150	100	192.82	0.13	0.27	
11608	11649	113.29	150	100	107.73	0.07	0.09	
11609	11650	69.24	150	100	550.54	0.36	1.87	
11610	11651	272.12	150	100	48.09	0.03	0.02	
11611	11652	130.21	150	100	278.73	0.18	0.53	
11612	11653	124.28	150	100	53.98	0.04	0.03	
11613	11654	21.85	150	100	158.72	0.1	0.19	
11614	11655	116.81	150	100	415.33	0.27	1.11	
11615	11656	64.77	150	100	546.51	0.36	1.84	
11616	11657	34.93	150	100	221.85	0.15	0.35	
11617	11658	100.66	150	100	259.69	0.17	0.46	
11618	11659	52.3	150	100	291.58	0.19	0.57	
11619	11660	274.16	150	100	180.99	0.12	0.24	
11620	11661	183.52	150	100	34.79	0.02	0.01	
11621	11662	159.66	150	100	65.97	0.04	0.04	
11622	11663	22.2	150	100	201.10	0.13	0.29	
11623	11664	127	150	100	2.02	0	0	
11624	11665	82.49	150	100	315.52	0.21	0.67	
11625	11666	115.71	150	100	27.25	0.02	0.01	
11626	11667	56.6	150	100	474.46	0.31	1.42	
11627	11668	50.85	150	100	482.79	0.32	1.46	
11628	11669	241.95	150	100	44.61	0.03	0.02	
11629	11670	138.99	150	100	250.07	0.16	0.43	
11630	11671	431.59	150	100	1,015.78	0.67	5.8	
11631	11672	169.64	150	100	34.26	0.02	0.01	
11632	11673	203.44	80	100	74.06	0.17	0.97	
11633	11674	146.01	150	100	146.72	0.1	0.16	
11634	11675	23.65	150	100	1,542.51	1.01	12.57	
11635	11676	66.14	150	100	1,682.29	1.1	14.76	
11636	11677	110.34	150	100	1.85	0	0	
11637	11678	524.57	80	100	121.07	0.28	2.41	
11638	11679	38.18	150	100	2,350.45	1.54	27.43	
11639	11680	97.68	150	100	364.55	0.24	0.87	
11640	11681	88.89	150	100	26.66	0.02	0.01	
11641	11682	330.55	150	100	40.06	0.03	0.01	
11642	11683	205.54	150	100	357.07	0.23	0.84	
11643	11684	113.11	150	100	125.63	0.08	0.12	
11644	11685	185.05	150	100	56.80	0.04	0.03	
11645	11686	78.5	150	100	262.12	0.17	0.47	
11646	11687	70.71	150	100	147.73	0.1	0.16	
11647	11688	114.63	150	100	753.36	0.49	3.33	
11648	11689	21.68	150	100	307.00	0.2	0.63	
11649	11690	69.69	150	100	98.47	0.06	0.08	
11650	11691	55.6	150	100	99.21	0.06	0.08	
11651	11692	33.29	150	100	0.00	0	0	
11652	11693	80.4	150	100	329.98	0.22	0.72	
11653	11694	94.97	150	100	786.49	0.52	3.61	
11654	11695	315.22	150	100	563.30	0.37	1.95	
11655	11696	7.24	150	100	893.29	0.59	4.57	
11656	11697	141.68	150	100	961.26	0.63	5.24	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
11657	11698	88.46	150	100	161.41	0.11	0.19	
11658	11699	58.82	150	100	477.43	0.31	1.43	
11659	11700	79.79	150	100	45.19	0.03	0.02	
11660	11701	4.92	150	100	0.00	0	0	
11661	11702	152.98	150	100	434.71	0.28	1.2	
11662	11703	70.07	150	100	30.01	0.02	0.01	
11663	11704	123.85	150	100	20.03	0.01	0	
11664	11705	130.43	150	100	47.35	0.03	0.02	
11665	11706	88.44	150	100	59.93	0.04	0.03	
11666	11707	15.46	150	100	117.83	0.08	0.11	
11667	11708	36.41	150	100	18.96	0.01	0	
11668	11709	111.61	150	100	36.53	0.02	0.01	
11669	11710	148.25	150	100	71.86	0.05	0.04	
11670	11711	162.55	150	100	377.00	0.25	0.93	
11671	11712	123.48	150	100	91.91	0.06	0.07	
11672	11713	122.08	150	100	203.20	0.13	0.29	
11673	11714	106.9	150	100	44.88	0.03	0.02	
11674	11715	36.02	150	100	81.50	0.05	0.05	
11675	11716	83.25	150	100	119.71	0.08	0.11	
11676	11717	5.07	150	100	0.00	0	0	
11677	11718	83.02	150	100	106.60	0.07	0.09	
11678	11719	259.59	150	100	584.00	0.38	2.08	
11679	11720	45.11	150	100	173.26	0.11	0.22	
11680	11721	36.45	150	100	42.62	0.03	0.02	
11681	11722	30.7	150	100	37.12	0.02	0.01	
11682	11723	96.41	150	100	14.57	0.01	0	
11683	11724	57.82	150	100	543.92	0.36	1.82	
11684	11725	62.49	150	100	33.43	0.02	0.01	
11685	11726	163.39	150	100	22.03	0.01	0	
11686	11727	143.29	150	100	25.67	0.02	0.01	
11687	11728	34.35	150	100	464.23	0.3	1.36	
11688	11729	153.72	150	100	455.17	0.3	1.31	
11689	11730	34.96	150	100	442.30	0.29	1.24	
11690	11731	64.09	150	100	159.27	0.1	0.19	
11691	11732	48.48	150	100	230.47	0.15	0.37	
11692	11733	51.92	150	100	91.15	0.06	0.07	
11693	11734	32.34	150	100	9.82	0.01	0	
11694	11735	226	200	100	99.47	0.04	0.02	
11695	11736	149.37	150	100	30.09	0.02	0.01	
11696	11737	49.89	150	100	63.97	0.04	0.03	
11697	11738	69.76	150	100	36.00	0.02	0.01	
11698	11739	124.99	150	100	359.55	0.24	0.85	
11699	11740	129.7	150	100	99.33	0.07	0.08	
11700	11741	291.72	150	100	53.60	0.04	0.02	
11701	11742	153.07	150	100	14.87	0.01	0	
11702	11743	135.12	150	100	25.17	0.02	0.01	
11703	11744	61.87	150	100	414.17	0.27	1.1	
11704	11745	103.64	150	100	52.19	0.03	0.02	
11705	11746	103.14	150	100	225.71	0.15	0.36	
11706	11747	135.2	150	100	25.89	0.02	0.01	
11707	11748	110.52	150	100	2.97	0	0	
11708	11749	50.79	150	100	28.72	0.02	0.01	
11709	11750	81.47	150	100	686.76	0.45	2.81	
11710	11751	69.72	150	100	58.31	0.04	0.03	
11711	11752	69.07	150	100	67.73	0.04	0.04	
11712	11753	172.06	150	100	42.12	0.03	0.02	
11713	11754	219.18	150	100	59.92	0.04	0.03	
11714	11755	144.14	150	100	514.49	0.34	1.65	
11715	11756	280.09	150	100	840.50	0.55	4.08	
11716	11757	195.81	150	100	202.44	0.13	0.29	
11717	11758	73.59	150	100	223.48	0.15	0.35	
11718	11759	61.54	150	100	72.23	0.05	0.04	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
11719	11760	80.14	150	100	164.13	0.11	0.2	
11720	11761	196.46	150	100	145.67	0.1	0.16	
11721	11762	82.04	150	100	1,039.63	0.68	6.06	
11722	11763	50.03	150	100	21.53	0.01	0	
11723	11764	12.33	150	100	55.32	0.04	0.03	
11724	11765	15.14	150	100	17.45	0.01	0	
11725	11766	504.38	150	100	725.82	0.48	3.11	
11726	11767	123.35	150	100	27.67	0.02	0.01	
11727	11768	126.97	150	100	49.09	0.03	0.02	
11728	11769	43.77	150	100	10.57	0.01	0	
11729	11770	67.49	150	100	134.92	0.09	0.14	
11730	11771	68.33	150	100	90.54	0.06	0.07	
11731	11772	182.27	150	100	290.31	0.19	0.57	
11732	11773	116.64	150	100	56.41	0.04	0.03	
11733	11774	68.01	1350	100	71,364.99	0.58	0.34	
11734	11775	17.88	1000	100	71,313.70	1.05	1.48	
11735	11776	486.46	1000	100	71,364.99	1.05	1.48	
11736	11777	56.45	1000	100	17,331.96	0.26	0.11	
11737	11778	214.06	100	100	4.62	0.01	0	
11738	11779	156.45	100	100	26.12	0.04	0.05	
11739	11780	388.17	100	100	9.67	0.01	0.01	
11740	11781	240.8	100	100	54.12	0.08	0.18	
11741	11782	476.12	100	100	9.72	0.01	0.01	
11742	11783	112.75	100	100	39.80	0.06	0.1	
11743	11784	513.09	100	100	10.50	0.02	0.01	
11744	11785	25.34	100	100	38.42	0.06	0.1	
11745	11786	220.24	100	100	24.55	0.04	0.04	
11746	11787	60.53	100	100	6.76	0.01	0	
11747	11788	67.35	100	100	9.75	0.01	0.01	
11748	11789	228.21	100	100	48.07	0.07	0.15	
11749	11790	67.87	100	100	56.44	0.08	0.2	
11750	11791	152.03	100	100	147.98	0.22	1.18	
11751	11792	88.47	100	100	228.92	0.34	2.65	
11752	11793	217.98	100	100	13.81	0.02	0.01	
11753	11794	523.08	150	100	11.05	0.01	0	
11754	11795	96.49	100	100	2.10	0	0	
11755	11796	209.88	100	100	3.53	0.01	0	
11756	11797	197.56	100	100	4.22	0.01	0	
11757	11798	177.92	100	100	108.45	0.16	0.66	
11758	11799	94.01	100	100	85.98	0.13	0.43	
11759	11800	366.67	100	100	18.83	0.03	0.03	
11760	11801	42.46	100	100	36.89	0.05	0.09	
11761	11802	30.79	100	100	10.42	0.02	0.01	
11762	11803	76.45	100	100	5.46	0.01	0	
11763	11804	57.72	100	100	57.46	0.08	0.2	
11764	11805	85.28	100	100	100.76	0.15	0.58	
11765	11806	123.43	100	100	56.37	0.08	0.2	
11766	11807	48.45	100	100	391.79	0.58	7.16	
11767	11808	54.06	100	100	61.68	0.09	0.23	
11768	11809	407.89	100	100	22.14	0.03	0.03	
11769	11810	240.54	100	100	31.50	0.05	0.07	
11770	11811	165.42	400	100	2,698.07	0.25	0.3	
11771	11812	320.11	100	100	25.39	0.04	0.05	
11772	11813	41.67	100	100	26.11	0.04	0.05	
11773	11814	155.75	100	100	7.43	0.01	0	
11774	11815	1228.4	100	100	4.77	0.01	0	
11775	11816	52.91	100	100	14.92	0.02	0.02	
11776	11817	94.85	100	100	41.05	0.06	0.11	
11777	11818	115.5	100	100	99.76	0.15	0.57	
11778	11819	53.59	100	100	30.52	0.04	0.06	
11779	11820	10.53	100	100	151.45	0.22	1.23	
11780	11821	92.95	100	100	172.23	0.25	1.56	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
11781	11822	107.69	100	100	28.03	0.04	0.05	
11782	11823	96.74	100	100	52.10	0.08	0.17	
11783	11824	143.13	100	100	4.46	0.01	0	
11784	11825	29.91	100	100	79.49	0.12	0.37	
11785	11826	39.17	100	100	182.03	0.27	1.73	
11786	11827	150.82	100	100	40.03	0.06	0.1	
11787	11828	98.8	100	100	86.48	0.13	0.44	
11788	11829	35.3	100	100	75.67	0.11	0.34	
11789	11830	59.6	100	100	36.32	0.05	0.09	
11790	11831	136.34	100	100	158.39	0.23	1.34	
11791	11832	56.07	100	100	9.69	0.01	0.01	
11792	11833	153.52	100	100	148.99	0.22	1.19	
11793	11834	66.18	100	100	84.46	0.12	0.42	
11794	11835	65.33	100	100	111.64	0.16	0.7	
11795	11836	69.27	100	100	102.01	0.15	0.59	
11796	11837	64.27	100	100	156.91	0.23	1.32	
11797	11838	121.92	100	100	190.07	0.28	1.88	
11798	11839	91.94	100	100	96.49	0.14	0.53	
11799	11840	68.62	100	100	37.80	0.06	0.09	
11800	11841	6.41	100	100	119.25	0.18	0.79	
11801	11842	68.23	100	100	90.39	0.13	0.47	
11802	11843	75.78	150	100	262.67	0.17	0.47	
11803	11844	102.42	100	100	61.56	0.09	0.23	
11804	11845	50.33	100	100	460.97	0.68	9.68	
11805	11846	346.46	150	100	629.79	0.41	2.39	
11806	11847	270.37	100	100	225.45	0.33	2.57	
11807	11848	74.17	100	100	13.54	0.02	0.01	
11808	11849	94.98	100	100	49.04	0.07	0.15	
11809	11850	119.08	100	100	90.54	0.13	0.48	
11810	11851	84.05	100	100	140.94	0.21	1.08	
11811	11852	334.67	100	100	363.09	0.54	6.22	
11812	11853	139.91	400	100	407.73	0.04	0.01	
11813	11854	67.8	100	100	26.10	0.04	0.05	
11814	11855	108.38	100	100	14.91	0.02	0.02	
11815	11856	118.68	100	100	15.29	0.02	0.02	
11816	11857	115.68	100	100	51.33	0.08	0.17	
11817	11858	35.38	100	100	23.19	0.03	0.04	
11818	11859	75.68	100	100	10.55	0.02	0.01	
11819	11860	74.88	100	100	31.91	0.05	0.07	
11820	11861	139.8	100	100	52.97	0.08	0.18	
11821	11862	34.91	100	100	64.31	0.09	0.25	
11822	11863	225.37	100	100	73.43	0.11	0.32	
11823	11864	40.66	100	100	9.26	0.01	0.01	
11824	11865	150.51	100	100	12.46	0.02	0.01	
11825	11866	140.69	80	100	7.27	0.02	0.01	
11826	11867	53.85	100	100	45.47	0.07	0.13	
11827	11868	196.27	100	100	2.66	0	0	
11828	11869	50.51	100	100	158.70	0.23	1.34	
11829	11870	100.74	100	100	32.91	0.05	0.07	
11830	11871	28.36	100	100	133.09	0.2	0.97	
11831	11872	49.46	100	100	172.64	0.25	1.57	
11832	11873	39.71	100	100	23.07	0.03	0.04	
11833	11874	53.38	100	100	81.16	0.12	0.39	
11834	11875	93.58	100	100	66.38	0.1	0.27	
11835	11876	10.64	100	100	239.23	0.35	2.87	
11836	11877	65.83	100	100	61.69	0.09	0.23	
11837	11878	28.94	100	100	112.89	0.17	0.71	
11838	11879	47.84	100	100	60.71	0.09	0.23	
11839	11880	34.15	100	100	111.24	0.16	0.7	
11840	11881	66.51	100	100	48.06	0.07	0.15	
11841	11882	108.01	100	100	91.42	0.13	0.48	
11842	11883	113.93	100	100	214.42	0.32	2.34	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
11843	11884	14.24	100	100	257.28	0.38	3.29	
11844	11885	106.09	100	100	183.85	0.27	1.76	
11845	11886	102.78	100	100	118.83	0.18	0.79	
11846	11887	23.59	100	100	170.54	0.25	1.53	
11847	11888	116.49	100	100	174.15	0.26	1.6	
11848	11889	108.85	100	100	195.74	0.29	1.98	
11849	11890	325.63	100	100	158.82	0.23	1.34	
11850	11891	245.87	100	100	68.12	0.1	0.28	
11851	11892	107.37	100	100	52.10	0.08	0.17	
11852	11893	31.04	100	100	115.47	0.17	0.75	
11853	11894	37.12	100	100	42.67	0.06	0.12	
11854	11895	79.3	100	100	389.65	0.57	7.09	
11855	11896	135.43	100	100	74.11	0.11	0.33	
11856	11897	134.78	100	100	84.81	0.12	0.42	
11857	11898	103.62	100	100	230.81	0.34	2.69	
11858	11899	6.12	100	100	833.66	1.23	28.99	
11859	11900	36.86	100	100	400.11	0.59	7.44	
11860	11901	131.54	100	100	210.08	0.31	2.26	
11861	11902	32.2	100	100	220.77	0.33	2.48	
11862	11903	42.17	100	100	35.03	0.05	0.08	
11863	11904	22.64	100	100	171.98	0.25	1.56	
11864	11905	151.95	100	100	83.58	0.12	0.41	
11865	11906	49.23	100	100	196.83	0.29	2	
11866	11907	157.17	100	100	77.29	0.11	0.35	
11867	11908	46.7	100	100	25.11	0.04	0.04	
11868	11909	105.15	100	100	18.60	0.03	0.03	
11869	11910	34.64	100	100	9.95	0.01	0.01	
11870	11911	103.21	100	100	102.25	0.15	0.59	
11871	11912	23.6	100	100	107.44	0.16	0.65	
11872	11913	42.21	100	100	81.71	0.12	0.39	
11873	11914	31.53	100	100	94.95	0.14	0.52	
11874	11915	104.53	100	100	197.26	0.29	2.01	
11875	11916	10.81	100	100	107.66	0.16	0.65	
11876	11917	27.24	100	100	149.63	0.22	1.2	
11877	11918	29.05	100	100	146.38	0.22	1.16	
11878	11919	19.96	100	100	92.60	0.14	0.49	
11879	11920	33.52	100	100	140.09	0.21	1.07	
11880	11921	33.17	100	100	140.58	0.21	1.07	
11881	11922	27.84	100	100	56.69	0.08	0.2	
11882	11923	34.29	100	100	178.37	0.26	1.67	
11883	11924	100.14	100	100	68.78	0.1	0.29	
11884	11925	35.06	100	100	139.38	0.21	1.06	
11885	11926	23.51	100	100	142.96	0.21	1.11	
11886	11927	104.15	100	100	141.17	0.21	1.08	
11887	11928	28.85	100	100	242.47	0.36	2.94	
11888	11929	30.67	100	100	304.12	0.45	4.48	
11889	11930	8.72	100	100	292.21	0.43	4.16	
11890	11931	50.4	80	100	100.27	0.23	1.7	
11891	11932	19.71	100	100	201.04	0.3	2.08	
11892	11933	103.52	100	100	156.26	0.23	1.3	
11893	11934	104.95	100	100	180.11	0.27	1.7	
11894	11935	34.28	100	100	128.37	0.19	0.91	
11895	11936	103.25	100	100	101.06	0.15	0.58	
11896	11937	35.81	100	100	327.44	0.48	5.14	
11897	11938	104.04	100	100	82.25	0.12	0.4	
11898	11939	27.98	100	100	109.11	0.16	0.67	
11899	11940	40.61	100	100	1.54	0	0	
11900	11941	150.84	100	100	1.43	0	0	
11901	11942	33.99	100	100	142.86	0.21	1.11	
11902	11943	112.51	100	100	63.83	0.09	0.25	
11903	11944	38.21	100	100	70.57	0.1	0.3	
11904	11945	114.1	100	100	62.60	0.09	0.24	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
11905	11946	39.08	100	100	114.21	0.17	0.73	
11906	11947	114.06	100	100	63.76	0.09	0.25	
11907	11948	114.21	100	100	70.29	0.1	0.3	
11908	11949	31.8	100	100	160.93	0.24	1.38	
11909	11950	252.35	100	100	232.44	0.34	2.72	
11910	11951	41.55	100	100	381.73	0.56	6.82	
11911	11952	43	100	100	466.46	0.69	9.89	
11912	11953	30.44	100	100	1.18	0	0	
11913	11954	113.42	100	100	240.57	0.35	2.9	
11914	11955	32.74	100	100	56.77	0.08	0.2	
11915	11956	139.48	100	100	162.23	0.24	1.4	
11916	11957	37.53	100	100	47.88	0.07	0.15	
11917	11958	38.92	100	100	189.10	0.28	1.86	
11918	11959	144.21	80	100	59.22	0.14	0.64	
11919	11960	25.92	100	100	35.39	0.05	0.08	
11920	11961	29.94	100	100	68.57	0.1	0.28	
11921	11962	114.08	100	100	54.72	0.08	0.19	
11922	11963	90.19	150	100	36.35	0.02	0.01	
11923	11964	210.69	100	100	88.15	0.13	0.45	
11924	11965	32.89	100	100	65.21	0.1	0.26	
11925	11966	32.75	100	100	210.55	0.31	2.27	
11926	11967	123.64	100	100	60.50	0.09	0.23	
11927	11968	135.66	100	100	98.18	0.14	0.55	
11928	11969	128.84	100	100	51.07	0.08	0.16	
11929	11970	109.94	100	100	47.36	0.07	0.14	
11930	11971	79.31	100	100	114.93	0.17	0.74	
11931	11972	261.42	100	100	1.46	0	0.01	
11932	11973	47.28	100	100	8.17	0.01	0.01	
11933	11974	83.78	100	100	155.56	0.23	1.29	
11934	11975	81.09	100	100	34.04	0.05	0.08	
11935	11976	71.31	100	100	127.99	0.19	0.9	
11936	11977	92.72	100	100	98.51	0.15	0.56	
11937	11978	141.79	150	100	22.23	0.01	0	
11938	11979	145.75	150	100	49.90	0.03	0.02	
11939	11980	475.66	100	100	169.88	0.25	1.52	
11940	11981	67.85	100	100	17.79	0.03	0.02	
11941	11982	30.89	100	100	41.26	0.06	0.11	
11942	11983	95.04	100	100	79.13	0.12	0.37	
11943	11984	25.39	100	100	102.14	0.15	0.59	
11944	11985	27.03	100	100	52.92	0.08	0.18	
11945	11986	63.46	100	100	63.43	0.09	0.25	
11946	11987	96.2	80	100	55.44	0.13	0.57	
11947	11988	89.48	100	100	209.35	0.31	2.24	
11948	11989	94.77	100	100	102.54	0.15	0.6	
11949	11990	32.79	100	100	280.99	0.41	3.87	
11950	11991	72.3	100	100	147.22	0.22	1.17	
11951	11992	72.15	100	100	72.87	0.11	0.32	
11952	11993	20.54	100	100	40.50	0.06	0.11	
11953	11994	70.99	100	100	79.27	0.12	0.37	
11954	11995	35.95	100	100	257.81	0.38	3.3	
11955	11996	58.56	100	100	84.62	0.12	0.42	
11956	11997	46.8	100	100	22.48	0.03	0.04	
11957	11998	45.22	100	100	226.99	0.33	2.61	
11958	11999	53.73	100	100	300.73	0.44	4.39	
11959	12000	35.34	100	100	125.97	0.19	0.88	
11960	12001	77.88	100	100	83.19	0.12	0.41	
11961	12002	220.33	100	100	38.14	0.06	0.1	
11962	12003	32.42	100	100	421.52	0.62	8.2	
11963	12004	23.5	100	100	103.37	0.15	0.61	
11964	12005	55.92	100	100	240.25	0.35	2.89	
11965	12006	58.96	100	100	79.80	0.12	0.38	
11966	12007	48.17	100	100	172.65	0.25	1.57	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
11967	12008	31.45	100	100	90.13	0.13	0.47	
11968	12009	611.88	100	100	99.05	0.15	0.56	
11969	12010	134.43	100	100	94.72	0.14	0.52	
11970	12011	64.48	100	100	58.66	0.09	0.21	
11971	12012	55.58	100	100	43.28	0.06	0.12	
11972	12013	58.62	100	100	49.66	0.07	0.16	
11973	12014	71.35	150	100	0.97	0	0	
11974	12015	122.03	100	100	53.31	0.08	0.18	
11975	12016	121.08	100	100	25.01	0.04	0.04	
11976	12017	118.78	100	100	13.31	0.02	0.01	
11977	12018	123.56	100	100	16.93	0.02	0.02	
11978	12019	79.66	100	100	43.99	0.06	0.12	
11979	12020	79.11	100	100	45.14	0.07	0.13	
11980	12021	67.33	100	100	5.11	0.01	0	
11981	12022	73.47	100	100	149.77	0.22	1.21	
11982	12023	124.24	100	100	43.99	0.06	0.12	
11983	12024	99.29	100	100	56.16	0.08	0.2	
11984	12025	98.01	100	100	84.94	0.13	0.42	
11985	12026	73.73	100	100	59.47	0.09	0.22	
11986	12027	57.26	100	100	5.62	0.01	0	
11987	12028	62.09	100	100	214.53	0.32	2.35	
11988	12029	66.43	100	100	411.02	0.61	7.82	
11989	12030	509.61	100	100	291.71	0.43	4.15	
11990	12031	92.89	100	100	115.90	0.17	0.75	
11991	12032	64.69	100	100	289.61	0.43	4.09	
11992	12033	31.43	100	100	202.60	0.3	2.11	
11993	12034	183.55	100	100	80.24	0.12	0.38	
11994	12035	437.04	80	100	19.38	0.04	0.08	
11995	12036	145.27	80	100	48.36	0.11	0.44	
11996	12037	507.6	100	100	423.26	0.62	8.26	
11997	12038	75.93	100	100	47.14	0.07	0.14	
11998	12039	108.32	100	100	8.20	0.01	0.01	
11999	12040	13.72	100	100	142.29	0.21	1.1	
12000	12041	31.1	100	100	42.70	0.06	0.12	
12001	12042	10.64	100	100	95.17	0.14	0.52	
12002	12043	37.32	100	100	39.28	0.06	0.1	
12003	12044	46.72	100	100	39.29	0.06	0.1	
12004	12045	92	100	100	49.62	0.07	0.16	
12005	12046	93.6	100	100	62.78	0.09	0.24	
12006	12047	113.63	100	100	122.29	0.18	0.83	
12007	12048	62.41	100	100	79.04	0.12	0.37	
12008	12049	112.17	100	100	4.82	0.01	0	
12009	12050	152.84	100	100	30.71	0.05	0.06	
12010	12051	38.77	100	100	218.88	0.32	2.44	
12011	12052	82.78	80	100	115.87	0.27	2.22	
12012	12053	103.93	100	100	29.93	0.04	0.06	
12013	12054	86.99	100	100	341.50	0.5	5.55	
12014	12055	39.21	100	100	384.72	0.57	6.92	
12015	12056	107.15	100	100	30.36	0.04	0.06	
12016	12057	108.48	100	100	37.82	0.06	0.09	
12017	12058	61.67	100	100	161.82	0.24	1.39	
12018	12059	50.94	100	100	181.18	0.27	1.72	
12019	12060	39.1	100	100	403.67	0.59	7.57	
12020	12061	74.08	100	100	5.64	0.01	0	
12021	12062	41.67	100	100	29.78	0.04	0.06	
12022	12063	119.56	100	100	12.59	0.02	0.01	
12023	12064	127.04	100	100	6.26	0.01	0	
12024	12065	32.21	100	100	289.60	0.43	4.09	
12025	12066	57.45	100	100	255.74	0.38	3.25	
12026	12067	32.68	100	100	227.18	0.33	2.61	
12027	12068	34.53	100	100	206.65	0.3	2.19	
12028	12069	187.45	100	100	155.13	0.23	1.29	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
12029	12070	22.56	100	100	247.53	0.36	3.06	
12030	12071	26.77	100	100	34.25	0.05	0.08	
12031	12072	33.3	100	100	310.17	0.46	4.65	
12032	12073	88.23	100	100	55.98	0.08	0.2	
12033	12074	98.28	100	100	120.46	0.18	0.81	
12034	12075	102.49	100	100	184.63	0.27	1.78	
12035	12076	97.53	100	100	27.76	0.04	0.05	
12036	12077	117.4	100	100	25.92	0.04	0.05	
12037	12078	23.2	100	100	13.51	0.02	0.01	
12038	12079	19.62	100	100	19.74	0.03	0.03	
12039	12080	32.29	100	100	50.48	0.07	0.16	
12040	12081	96.64	100	100	99.89	0.15	0.57	
12041	12082	157.2	100	100	63.47	0.09	0.25	
12042	12083	123.12	100	100	46.17	0.07	0.14	
12043	12084	148.49	200	100	944.23	0.35	1.25	
12044	12085	107.83	100	100	256.29	0.38	3.26	
12045	12086	33.84	100	100	364.91	0.54	6.28	
12046	12087	40.24	100	100	133.16	0.2	0.97	
12047	12088	90.01	100	100	33.13	0.05	0.07	
12048	12089	251.31	100	100	112.27	0.17	0.71	
12049	12090	114.87	100	100	137.07	0.2	1.02	
12050	12091	27.76	100	100	269.38	0.4	3.58	
12051	12092	254.16	100	100	208.04	0.31	2.22	
12052	12093	41.79	100	100	220.24	0.32	2.46	
12053	12094	117.43	100	100	91.70	0.14	0.49	
12054	12095	39.55	100	100	91.47	0.13	0.48	
12055	12096	122.24	100	100	68.02	0.1	0.28	
12056	12097	37.02	100	100	99.55	0.15	0.57	
12057	12098	124.18	100	100	63.69	0.09	0.25	
12058	12099	31.13	100	100	237.08	0.35	2.82	
12059	12100	31.2	100	100	114.76	0.17	0.74	
12060	12101	121.66	100	100	215.37	0.32	2.36	
12061	12102	27.99	100	100	263.11	0.39	3.43	
12062	12103	275.51	100	100	271.35	0.4	3.63	
12063	12104	40.5	100	100	35.22	0.05	0.08	
12064	12105	18.03	100	100	100.41	0.15	0.58	
12065	12106	107.46	100	100	80.47	0.12	0.38	
12066	12107	83.47	100	100	188.50	0.28	1.85	
12067	12108	39.42	100	100	214.33	0.32	2.34	
12068	12109	28.94	100	100	120.32	0.18	0.8	
12069	12110	53.97	100	100	150.73	0.22	1.22	
12070	12111	179.26	100	100	55.34	0.08	0.19	
12071	12112	157.83	100	100	136.95	0.2	1.02	
12072	12113	131.74	100	100	68.59	0.1	0.28	
12073	12114	434.33	100	100	0.13	0	0	
12074	12115	53.9	100	100	178.92	0.26	1.68	
12075	12116	142.29	100	100	95.18	0.14	0.52	
12076	12117	73.39	100	100	193.40	0.29	1.94	
12077	12118	35.64	100	100	349.46	0.51	5.79	
12078	12119	104.76	80	100	41.46	0.1	0.33	
12079	12120	54.17	100	100	231.03	0.34	2.69	
12080	12121	85.93	100	100	5.62	0.01	0	
12081	12122	35.33	100	100	279.85	0.41	3.84	
12082	12123	48.47	100	100	205.65	0.3	2.17	
12083	12124	61.07	100	100	256.06	0.38	3.26	
12084	12125	109.15	100	100	240.45	0.35	2.9	
12085	12126	26.77	100	100	270.00	0.4	3.59	
12086	12127	107.97	100	100	141.17	0.21	1.08	
12087	12128	77.09	100	100	167.69	0.25	1.49	
12088	12129	35.46	100	100	133.16	0.2	0.97	
12089	12130	26.7	100	100	256.99	0.38	3.28	
12090	12131	107.53	100	100	118.57	0.17	0.78	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
12091	12132	34.13	100	100	310.30	0.46	4.65	
12092	12133	28.45	100	100	363.85	0.54	6.24	
12093	12134	109.26	100	100	113.56	0.17	0.72	
12094	12135	36.05	100	100	122.52	0.18	0.83	
12095	12136	24.12	100	100	106.22	0.16	0.64	
12096	12137	70.35	100	100	259.99	0.38	3.35	
12097	12138	31.9	100	100	54.85	0.08	0.19	
12098	12139	21.75	100	100	306.20	0.45	4.54	
12099	12140	110.54	100	100	14.17	0.02	0.02	
12100	12141	543.62	100	100	12.75	0.02	0.01	
12101	12142	173.84	100	100	10.39	0.02	0.01	
12102	12143	1223.39	100	100	78.72	0.12	0.37	
12103	12144	50.28	100	100	11.54	0.02	0.01	
12104	12145	82.08	100	100	139.07	0.2	1.05	
12105	12146	55.05	100	100	572.58	0.84	14.46	
12106	12147	133.74	100	100	3.85	0.01	0	
12107	12148	129.5	100	100	189.21	0.28	1.86	
12108	12149	67.46	100	100	481.33	0.71	10.48	
12109	12150	79.85	100	100	165.26	0.24	1.45	
12110	12151	107.46	100	100	42.17	0.06	0.12	
12111	12152	108.9	100	100	44.47	0.07	0.13	
12112	12153	16.29	100	100	90.20	0.13	0.47	
12113	12154	83.34	100	100	45.09	0.07	0.13	
12114	12155	14.31	100	100	6.46	0.01	0	
12115	12156	62.78	100	100	27.03	0.04	0.05	
12116	12157	159.1	100	100	94.66	0.14	0.52	
12117	12158	123.01	150	100	68.92	0.05	0.04	
12118	12159	44.08	100	100	12.19	0.02	0.01	
12119	12160	114.54	100	100	27.88	0.04	0.05	
12120	12161	29.56	100	100	33.09	0.05	0.07	
12121	12162	193.39	100	100	84.26	0.12	0.42	
12122	12163	111.27	100	100	34.11	0.05	0.08	
12123	12164	117.87	100	100	3.52	0.01	0	
12124	12165	143.3	100	100	9.29	0.01	0.01	
12125	12166	57.08	100	100	163.70	0.24	1.42	
12126	12167	72.02	100	100	2.86	0	0	
12127	12168	76.37	100	100	121.25	0.18	0.82	
12128	12169	61.64	100	100	73.17	0.11	0.32	
12129	12170	66.92	100	100	46.21	0.07	0.14	
12130	12171	83.94	100	100	35.68	0.05	0.08	
12131	12172	60.1	100	100	116.13	0.17	0.75	
12132	12173	57.29	100	100	47.59	0.07	0.14	
12133	12174	66.04	100	100	103.79	0.15	0.61	
12134	12175	54.35	100	100	117.67	0.17	0.77	
12135	12176	58.89	100	100	108.17	0.16	0.66	
12136	12177	295.58	100	100	98.64	0.15	0.56	
12137	12178	116.83	100	100	18.65	0.03	0.03	
12138	12179	475.2	150	100	147.45	0.1	0.16	
12139	12180	261	100	100	6.30	0.01	0	
12140	12181	19.71	100	100	96.68	0.14	0.54	
12141	12182	147.98	100	100	16.63	0.02	0.02	
12142	12183	34.84	100	100	4.87	0.01	0	
12143	12184	34.04	100	100	30.65	0.05	0.06	
12144	12185	175.23	100	100	43.61	0.06	0.12	
12145	12186	233.07	100	100	102.97	0.15	0.6	
12146	12187	166.31	100	100	19.26	0.03	0.03	
12147	12188	65.99	100	100	38.28	0.06	0.1	
12148	12189	154.95	100	100	19.09	0.03	0.03	
12149	12190	51.29	100	100	22.76	0.03	0.04	
12150	12191	53.67	100	100	64.96	0.1	0.26	
12151	12192	53.93	100	100	11.41	0.02	0.01	
12152	12193	110.44	100	100	14.89	0.02	0.02	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
12153	12194	44.77	100	100	79.60	0.12	0.37	
12154	12195	50.31	100	100	0.67	0	0	
12155	12196	15.91	100	100	58.22	0.09	0.21	
12156	12197	70.27	100	100	49.01	0.07	0.15	
12157	12198	54.13	100	100	7.80	0.01	0.01	
12158	12199	83.67	100	100	20.49	0.03	0.03	
12159	12200	73.43	100	100	29.09	0.04	0.06	
12160	12201	35.5	100	100	64.24	0.09	0.25	
12161	12202	167.22	100	100	66.37	0.1	0.27	
12162	12203	63.76	100	100	27.08	0.04	0.05	
12163	12204	47.9	100	100	81.76	0.12	0.39	
12164	12205	95.87	100	100	28.64	0.04	0.06	
12165	12206	98.21	100	100	7.04	0.01	0	
12166	12207	42.2	100	100	56.04	0.08	0.2	
12167	12208	113.4	100	100	35.61	0.05	0.08	
12168	12209	72.85	100	100	30.09	0.04	0.06	
12169	12210	98.25	100	100	8.03	0.01	0.01	
12170	12211	103.34	100	100	17.35	0.03	0.02	
12171	12212	130.24	100	100	16.31	0.02	0.02	
12172	12213	6.47	100	100	93.75	0.14	0.51	
12173	12214	36.93	100	100	81.84	0.12	0.39	
12174	12215	29.44	100	100	12.13	0.02	0.01	
12175	12216	31.08	100	100	16.13	0.02	0.02	
12176	12217	34.47	100	100	3.50	0.01	0	
12177	12218	77.67	100	100	24.19	0.04	0.04	
12178	12219	65.92	100	100	7.20	0.01	0	
12179	12220	99.61	100	100	61.95	0.09	0.24	
12180	12221	47.82	100	100	131.52	0.19	0.95	
12181	12222	127.92	100	100	38.80	0.06	0.1	
12182	12223	44.57	100	100	30.36	0.04	0.06	
12183	12224	37.55	100	100	22.14	0.03	0.03	
12184	12225	15.62	100	100	11.65	0.02	0.01	
12185	12226	28.56	100	100	19.70	0.03	0.03	
12186	12227	69.35	100	100	30.04	0.04	0.06	
12187	12228	58.05	100	100	37.56	0.06	0.09	
12188	12229	45.15	100	100	39.73	0.06	0.1	
12189	12230	32.95	100	100	18.16	0.03	0.02	
12190	12231	27.89	100	100	15.18	0.02	0.02	
12191	12232	26.1	100	100	3.34	0	0	
12192	12233	103.08	100	100	2.37	0	0	
12193	12234	47.31	100	100	0.76	0	0	
12194	12235	158.99	100	100	20.21	0.03	0.03	
12195	12236	122.72	100	100	178.16	0.26	1.66	
12196	12237	161.87	100	100	130.92	0.19	0.94	
12197	12238	90.31	100	100	92.45	0.14	0.49	
12198	12239	71.98	100	100	68.00	0.1	0.28	
12199	12240	58.61	100	100	20.40	0.03	0.03	
12200	12241	129.39	100	100	214.37	0.32	2.34	
12201	12242	383.85	100	100	158.92	0.23	1.35	
12202	12243	66.08	100	100	12.05	0.02	0.01	
12203	12244	224.9	100	100	157.12	0.23	1.32	
12204	12245	291.9	100	100	315.80	0.47	4.8	
12205	12246	97.17	80	100	3.28	0.01	0	
12206	12247	161.24	100	100	331.31	0.49	5.25	
12207	12248	109.3	100	100	274.45	0.4	3.7	
12208	12249	78.69	100	100	288.97	0.43	4.07	
12209	12250	332.94	100	100	119.57	0.18	0.8	
12210	12251	69.78	100	100	149.22	0.22	1.2	
12211	12252	98.55	100	100	99.81	0.15	0.57	
12212	12253	65.59	100	100	162.84	0.24	1.41	
12213	12254	126.57	100	100	43.68	0.06	0.12	
12214	12255	137.67	100	100	47.08	0.07	0.14	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
12215	12256	130.26	100	100	50.49	0.07	0.16	
12216	12257	88.13	100	100	59.09	0.09	0.22	
12217	12258	51.38	100	100	117.73	0.17	0.77	
12218	12259	32.11	100	100	66.78	0.1	0.27	
12219	12260	69.75	100	100	4.45	0.01	0	
12220	12261	36.68	100	100	128.09	0.19	0.9	
12221	12262	31.52	100	100	91.96	0.14	0.49	
12222	12263	34.02	100	100	68.55	0.1	0.28	
12223	12264	119.49	150	100	430.57	0.28	1.18	
12224	12265	161.9	100	100	40.86	0.06	0.11	
12225	12266	102.37	100	100	17.75	0.03	0.02	
12226	12267	94.06	100	100	6.88	0.01	0	
12227	12268	161.61	100	100	32.66	0.05	0.07	
12228	12269	132.13	100	100	140.00	0.21	1.06	
12229	12270	146.33	100	100	142.84	0.21	1.11	
12230	12271	147.39	100	100	51.05	0.08	0.16	
12231	12272	177.46	100	100	51.81	0.08	0.17	
12232	12273	52.91	100	100	625.17	0.92	17.01	
12233	12274	108.52	100	100	194.77	0.29	1.96	
12234	12275	65.92	100	100	276.42	0.41	3.75	
12235	12276	462.4	150	100	1,433.36	0.94	10.98	
12236	12277	107.5	100	100	249.53	0.37	3.11	
12237	12278	106.12	100	100	237.17	0.35	2.83	
12238	12279	36.69	150	100	389.28	0.25	0.98	
12239	12280	152.45	100	100	197.84	0.29	2.02	
12240	12281	221.19	100	100	36.54	0.05	0.09	
12241	12282	329.61	100	100	523.75	0.77	12.26	
12242	12283	64.29	100	100	14.98	0.02	0.02	
12243	12284	36.15	100	100	11.15	0.02	0.01	
12244	12285	61.47	100	100	164.40	0.24	1.43	
12245	12286	46.2	100	100	180.33	0.27	1.7	
12246	12287	178.08	100	100	499.42	0.74	11.22	
12247	12288	207.35	100	100	789.72	1.16	26.23	
12248	12289	16.93	100	100	65.84	0.1	0.26	
12249	12290	59.3	100	100	20.30	0.03	0.03	
12250	12291	82.06	100	100	33.93	0.05	0.08	
12251	12292	57.56	100	100	9.59	0.01	0.01	
12252	12293	25.57	100	100	9.49	0.01	0.01	
12253	12294	147.96	100	100	14.55	0.02	0.02	
12254	12295	215.87	100	100	375.37	0.55	6.61	
12255	12296	170.64	100	100	424.92	0.63	8.32	
12256	12297	117.39	100	100	86.59	0.13	0.44	
12257	12298	80.72	100	100	112.19	0.17	0.71	
12258	12299	225.85	100	100	54.94	0.08	0.19	
12259	12300	88.84	100	100	100.93	0.15	0.58	
12260	12301	65.22	100	100	41.65	0.06	0.11	
12261	12302	57.87	100	100	7.88	0.01	0.01	
12262	12303	53.49	100	100	1.92	0	0	
12263	12304	122.44	100	100	41.90	0.06	0.11	
12264	12305	9.91	100	100	84.35	0.12	0.42	
12265	12306	119.87	100	100	42.45	0.06	0.12	
12266	12307	60.06	100	100	1.23	0	0	
12267	12308	122.2	100	100	61.13	0.09	0.23	
12268	12309	68.32	100	100	3.86	0.01	0	
12269	12310	49.94	100	100	3.62	0.01	0	
12270	12311	176.88	100	100	48.24	0.07	0.15	
12271	12312	73.67	100	100	111.53	0.16	0.7	
12272	12313	111.08	100	100	17.42	0.03	0.02	
12273	12314	114.09	100	100	18.69	0.03	0.03	
12274	12315	61.96	150	100	101.73	0.07	0.08	
12275	12316	68.72	100	100	214.01	0.32	2.34	
12276	12317	26.86	100	100	5.12	0.01	0	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
12277	12318	62.41	100	100	15.94	0.02	0.02	
12278	12319	45.22	100	100	28.71	0.04	0.06	
12279	12320	53.96	100	100	5.32	0.01	0	
12280	12321	63.28	100	100	112.05	0.17	0.7	
12281	12322	60.55	100	100	81.43	0.12	0.39	
12282	12323	121.24	100	100	61.85	0.09	0.23	
12283	12324	68.99	100	100	50.37	0.07	0.16	
12284	12325	124.81	150	100	50.12	0.03	0.02	
12285	12326	59.66	100	100	8.03	0.01	0.01	
12286	12327	111.95	100	100	22.97	0.03	0.04	
12287	12328	65.18	100	100	134.34	0.2	0.99	
12288	12329	64.35	100	100	89.36	0.13	0.46	
12289	12330	194.83	100	100	29.29	0.04	0.06	
12290	12331	47.34	100	100	19.25	0.03	0.03	
12291	12332	69.4	100	100	187.23	0.28	1.82	
12292	12333	143.31	100	100	73.82	0.11	0.33	
12293	12334	38.23	100	100	254.00	0.37	3.21	
12294	12335	71.52	100	100	33.61	0.05	0.08	
12295	12336	46.19	100	100	45.03	0.07	0.13	
12296	12337	51.47	100	100	23.86	0.04	0.04	
12297	12338	106.32	100	100	42.25	0.06	0.12	
12298	12339	100.54	100	100	26.04	0.04	0.05	
12299	12340	317.56	100	100	12.08	0.02	0.01	
12300	12341	46.74	100	100	41.68	0.06	0.11	
12301	12342	685.71	150	100	149.88	0.1	0.17	
12302	12343	126.56	100	100	74.40	0.11	0.33	
12303	12344	123.94	100	100	112.20	0.17	0.71	
12304	12345	198.39	100	100	17.33	0.03	0.02	
12305	12346	143.95	100	100	129.71	0.19	0.92	
12306	12347	50.54	100	100	206.50	0.3	2.19	
12307	12348	28.11	100	100	47.57	0.07	0.14	
12308	12349	67.96	100	100	17.67	0.03	0.02	
12309	12350	34.41	100	100	97.55	0.14	0.55	
12310	12351	202.35	100	100	147.18	0.22	1.17	
12311	12352	110.12	100	100	49.37	0.07	0.15	
12312	12353	36.62	100	100	26.21	0.04	0.05	
12313	12354	43.07	100	100	176.14	0.26	1.63	
12314	12355	128.59	100	100	75.28	0.11	0.34	
12315	12356	241.69	100	100	13.70	0.02	0.01	
12316	12357	95.84	100	100	49.88	0.07	0.16	
12317	12358	80.12	100	100	108.05	0.16	0.66	
12318	12359	199.93	100	100	29.50	0.04	0.06	
12319	12360	288.69	100	100	15.63	0.02	0.02	
12320	12361	206.54	100	100	46.58	0.07	0.14	
12321	12362	212.93	100	100	44.03	0.06	0.12	
12322	12363	591.16	100	100	135.97	0.2	1.01	
12323	12364	100.86	100	100	56.72	0.08	0.2	
12324	12365	52.05	100	100	116.99	0.17	0.76	
12325	12366	120.72	100	100	69.93	0.1	0.29	
12326	12367	45.59	100	100	19.44	0.03	0.03	
12327	12368	99.08	100	100	142.04	0.21	1.09	
12328	12369	48.77	100	100	16.60	0.02	0.02	
12329	12370	62.98	100	100	60.27	0.09	0.22	
12330	12371	131.13	100	100	94.82	0.14	0.52	
12331	12372	72.05	100	100	34.36	0.05	0.08	
12332	12373	65.84	100	100	27.00	0.04	0.05	
12333	12374	546.85	100	100	54.98	0.08	0.19	
12334	12375	1088.58	150	100	307.57	0.2	0.63	
12335	12376	145.26	100	100	17.03	0.03	0.02	
12336	12377	32.26	100	100	41.89	0.06	0.11	
12337	12378	131.8	100	100	40.95	0.06	0.11	
12338	12379	104.63	100	100	17.38	0.03	0.02	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
12339	12380	7.88	100	100	12.40	0.02	0.01	
12340	12381	47.06	100	100	268.96	0.4	3.57	
12341	12382	58.53	100	100	331.83	0.49	5.26	
12342	12383	81.75	100	100	8.73	0.01	0.01	
12343	12384	81.15	100	100	90.31	0.13	0.47	
12344	12385	123.85	100	100	109.09	0.16	0.67	
12345	12386	94.85	100	100	8.19	0.01	0.01	
12346	12387	118.8	100	100	67.91	0.1	0.28	
12347	12388	59.39	100	100	24.63	0.04	0.04	
12348	12389	55.95	100	100	72.46	0.11	0.31	
12349	12390	94.88	100	100	29.08	0.04	0.06	
12350	12391	92.94	100	100	47.74	0.07	0.15	
12351	12393	130.49	80	100	14.09	0.03	0.04	
12352	12394	29.08	100	100	11.97	0.02	0.01	
12353	12395	80.85	100	100	47.07	0.07	0.14	
12354	12396	117.61	100	100	25.50	0.04	0.05	
12355	12397	391.75	100	100	28.80	0.04	0.06	
12356	12398	544.46	100	100	0.00	0	0	
12357	12399	154.22	100	100	92.93	0.14	0.5	
12358	12400	48.9	100	100	50.79	0.07	0.16	
12359	12401	349.79	100	100	29.46	0.04	0.06	
12360	12402	260.16	100	100	33.64	0.05	0.08	
12361	12403	321.48	100	100	222.10	0.33	2.5	
12362	12404	68.98	100	100	9.18	0.01	0.01	
12363	12405	12.29	100	100	68.92	0.1	0.29	
12364	12406	319.03	100	100	57.67	0.08	0.21	
12365	12407	139.23	100	100	7.56	0.01	0	
12366	12408	1047.17	100	100	29.73	0.04	0.06	
12367	12409	401.59	100	100	9.49	0.01	0.01	
12368	12410	84.17	100	100	1.94	0	0	
12369	12411	63.86	100	100	13.12	0.02	0.01	
12370	12412	41.23	100	100	12.35	0.02	0.01	
12371	12413	48.16	100	100	9.78	0.01	0.01	
12372	12414	33.69	100	100	3.30	0	0	
12373	12415	61.82	100	100	2.33	0	0	
12374	12416	154.91	100	100	36.16	0.05	0.09	
12375	12417	97.12	100	100	176.17	0.26	1.63	
12376	12418	122.72	100	100	129.68	0.19	0.92	
12377	12419	95.79	100	100	132.56	0.2	0.96	
12378	12420	71.86	100	100	64.62	0.1	0.25	
12379	12421	80.83	100	100	114.02	0.17	0.73	
12380	12422	139.61	100	100	38.43	0.06	0.1	
12381	12423	80.39	100	100	7.29	0.01	0	
12382	12424	127.87	100	100	109.38	0.16	0.67	
12383	12425	55.02	100	100	128.09	0.19	0.9	
12384	12426	198.42	100	100	130.28	0.19	0.93	
12385	12427	66.58	100	100	17.67	0.03	0.02	
12386	12428	33.57	100	100	6.73	0.01	0	
12387	12429	41.16	100	100	28.98	0.04	0.06	
12388	12430	108.88	100	100	53.13	0.08	0.18	
12389	12431	31.76	100	100	13.56	0.02	0.01	
12390	12432	27.73	150	100	130.15	0.09	0.13	
12391	12433	12.13	100	100	47.68	0.07	0.14	
12392	12434	43.4	100	100	90.08	0.13	0.47	
12393	12435	99.91	100	100	16.28	0.02	0.02	
12394	12436	53.82	100	100	386.65	0.57	6.99	
12395	12437	99.02	100	100	22.90	0.03	0.04	
12396	12438	158.89	100	100	104.55	0.15	0.62	
12397	12439	89.39	100	100	381.98	0.56	6.83	
12398	12440	187.44	100	100	52.65	0.08	0.17	
12399	12441	119.91	100	100	11.21	0.02	0.01	
12400	12442	250	100	100	19.38	0.03	0.03	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
12401	12443	115.65	150	100	44.25	0.03	0.02	
12402	12444	26.17	100	100	399.04	0.59	7.41	
12403	12445	109.59	100	100	216.49	0.32	2.39	
12404	12446	157.14	100	100	104.45	0.15	0.62	
12405	12447	883.37	100	100	59.22	0.09	0.22	
12406	12448	146.27	100	100	127.26	0.19	0.89	
12407	12449	155.98	100	100	45.67	0.07	0.13	
12408	12450	271.06	100	100	422.86	0.62	8.25	
12409	12451	319.9	100	100	2.10	0	0	
12410	12452	351.21	100	100	20.36	0.03	0.03	
12411	12453	68.13	100	100	200.39	0.3	2.07	
12412	16687	266.13	100	100	23.64	0.03	0.04	
12413	12454	137.98	100	100	9.71	0.01	0.01	
12414	12455	109.93	100	100	120.67	0.18	0.81	
12415	12456	21.81	100	100	792.46	1.17	26.39	
12416	12457	46.64	100	100	68.25	0.1	0.28	
12417	12458	38.5	100	100	42.61	0.06	0.12	
12418	12459	229.78	100	100	160.73	0.24	1.37	
12419	12460	74.35	100	100	14.43	0.02	0.02	
12420	12461	101.89	100	100	71.36	0.11	0.31	
12421	12462	67.16	100	100	46.40	0.07	0.14	
12422	12463	197.69	100	100	89.67	0.13	0.47	
12423	12464	63.24	100	100	13.46	0.02	0.01	
12424	12465	67.86	100	100	120.56	0.18	0.81	
12425	12466	176.83	150	100	308.41	0.2	0.64	
12426	12467	74.07	100	100	150.76	0.22	1.22	
12427	12468	29.03	100	100	64.33	0.09	0.25	
12428	12469	53.44	100	100	19.85	0.03	0.03	
12429	12470	189.71	100	100	30.37	0.04	0.06	
12430	12471	32.34	100	100	19.12	0.03	0.03	
12431	12472	99.4	100	100	28.51	0.04	0.06	
12432	12473	36.25	100	100	25.51	0.04	0.05	
12433	12474	104.25	100	100	13.36	0.02	0.01	
12434	12475	106.77	100	100	0.62	0	0	
12435	12476	61.54	100	100	106.51	0.16	0.64	
12436	12477	39.44	100	100	2.73	0	0	
12437	12478	72.05	100	100	117.54	0.17	0.77	
12438	12479	147.67	100	100	2.49	0	0	
12439	12480	103.4	100	100	5.46	0.01	0	
12440	12481	69.94	100	100	45.39	0.07	0.13	
12441	12482	62.68	150	100	5.89	0	0	
12442	12483	14.91	100	100	43.90	0.06	0.12	
12443	12484	232.68	100	100	24.93	0.04	0.04	
12444	12485	528.14	100	100	110.76	0.16	0.69	
12445	12486	164.84	100	100	89.00	0.13	0.46	
12446	12487	124.08	100	100	20.44	0.03	0.03	
12447	12488	136.06	100	100	36.25	0.05	0.09	
12448	12489	60.21	100	100	3.70	0.01	0	
12449	12490	128.39	100	100	99.35	0.15	0.56	
12450	12491	103.94	100	100	459.06	0.68	9.6	
12451	12492	321.01	100	100	13.02	0.02	0.01	
12452	12493	127.86	100	100	47.95	0.07	0.15	
12453	12494	117.07	100	100	26.66	0.04	0.05	
12454	12495	198.48	100	100	85.87	0.13	0.43	
12455	12496	356.84	100	100	635.70	0.94	17.55	
12456	12497	157.34	100	100	7.88	0.01	0.01	
12457	12498	177.68	150	100	137.86	0.09	0.14	
12458	12499	139.96	150	100	185.59	0.12	0.25	
12459	12500	111.21	400	100	5,664.87	0.52	1.18	
12460	12501	17.48	150	100	364.99	0.24	0.87	
12461	12502	47.89	150	100	211.79	0.14	0.32	
12462	12503	141.33	80	100	25.53	0.06	0.14	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
12463	12504	35.72	300	100	200.01	0.03	0.01	
12464	12505	50.81	100	100	245.45	0.36	3.01	
12465	12506	83.84	100	100	255.15	0.38	3.24	
12466	12507	66.4	150	100	383.76	0.25	0.96	
12467	12508	187.04	150	100	276.55	0.18	0.52	
12468	12509	74.8	200	100	590.91	0.22	0.52	
12469	12510	167.14	100	100	332.83	0.49	5.29	
12470	12511	85.08	200	100	849.65	0.31	1.03	
12471	12512	100.96	300	100	8,596.78	1.41	10.35	
12472	12513	55.75	100	100	212.33	0.31	2.3	
12473	12514	34.64	100	100	111.55	0.16	0.7	
12474	12515	116.65	150	100	461.99	0.3	1.35	
12475	12516	204.63	100	100	117.41	0.17	0.77	
12476	12517	148.2	200	100	1,343.16	0.49	2.4	
12477	12518	99.05	150	100	47.47	0.03	0.02	
12478	12519	96.7	100	100	49.37	0.07	0.15	
12479	12520	308.4	150	100	1,509.38	0.99	12.08	
12480	12521	19.78	150	100	17.17	0.01	0	
12481	12522	161.09	100	100	139.48	0.21	1.06	
12482	12523	58.21	150	100	667.50	0.44	2.67	
12483	12524	79.92	100	100	384.80	0.57	6.93	
12484	12525	1.96	150	100	0.00	0	0	
12485	12526	78.97	150	100	622.17	0.41	2.34	
12486	12527	250.19	100	100	275.41	0.41	3.73	
12487	12528	169.96	150	100	960.84	0.63	5.23	
12488	12529	75.33	150	100	38.60	0.03	0.01	
12489	12530	81.52	150	100	357.11	0.23	0.84	
12490	12531	81.27	200	100	43.79	0.02	0	
12491	12532	166.78	150	100	414.92	0.27	1.1	
12492	12533	196.41	150	100	60.03	0.04	0.03	
12493	12534	40.76	200	100	419.53	0.15	0.28	
12494	12535	79.09	200	100	552.89	0.2	0.46	
12495	12536	76.29	200	100	706.96	0.26	0.73	
12496	12537	84.68	150	100	61.09	0.04	0.03	
12497	12538	42.72	100	100	111.68	0.16	0.7	
12498	12539	84.54	80	100	40.05	0.09	0.31	
12499	12540	54.98	200	100	910.78	0.34	1.17	
12500	12541	81.23	150	100	192.33	0.13	0.27	
12501	12542	86.25	100	100	10.82	0.02	0.01	
12502	12543	16.11	200	100	657.94	0.24	0.64	
12503	12544	75.39	150	100	207.76	0.14	0.31	
12504	12545	81.25	150	100	332.19	0.22	0.73	
12505	12546	114.52	100	100	60.64	0.09	0.23	
12506	12547	189.7	150	100	105.17	0.07	0.09	
12507	12548	6.4	200	100	2,023.77	0.75	5.12	
12508	12549	184.41	150	100	37.13	0.02	0.01	
12509	12550	36.94	100	100	56.39	0.08	0.2	
12510	12551	3.27	600	100	9,717.23	0.4	0.44	
12511	12552	105.15	100	100	75.61	0.11	0.34	
12512	12553	98.78	250	100	918.53	0.22	0.4	
12513	12554	2.43	600	100	5,708.72	0.23	0.17	
12514	12555	57.35	100	100	76.63	0.11	0.35	
12515	12556	81.16	200	100	138.45	0.05	0.04	
12516	12557	72.04	150	100	294.38	0.19	0.59	
12517	12558	135.59	100	100	140.76	0.21	1.08	
12518	12559	124.82	100	100	18.61	0.03	0.03	
12519	12560	78.75	150	100	196.27	0.13	0.28	
12520	12561	213.48	150	100	104.52	0.07	0.09	
12521	12562	207.3	150	100	194.69	0.13	0.27	
12522	12563	25.91	150	100	607.29	0.4	2.24	
12523	12564	117.45	150	100	477.73	0.31	1.43	
12524	12565	100.87	200	100	1,748.37	0.64	3.91	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
12525	12566	30.51	100	100	173.88	0.26	1.59	
12526	12567	72.13	100	100	31.35	0.05	0.07	
12527	12568	80.75	100	100	39.16	0.06	0.1	
12528	12569	45.6	100	100	2.60	0	0	
12529	12570	156.74	200	100	50.52	0.02	0.01	
12530	12571	107.61	150	100	245.46	0.16	0.42	
12531	12572	87.3	200	100	255.08	0.09	0.11	
12532	12573	34.02	100	100	109.97	0.16	0.68	
12533	12574	55.48	100	100	51.22	0.08	0.17	
12534	12575	63.7	100	100	7.36	0.01	0	
12535	12576	79.81	150	100	103.04	0.07	0.08	
12536	12577	53.12	100	100	34.48	0.05	0.08	
12537	12578	49.37	100	100	3.45	0.01	0	
12538	12579	23.42	100	100	1.19	0	0	
12539	12580	96.56	100	100	2.39	0	0	
12540	12581	53.89	100	100	24.26	0.04	0.04	
12541	12582	42.02	100	100	33.75	0.05	0.08	
12542	12583	88.51	150	100	53.98	0.04	0.03	
12543	12584	18.22	100	100	4.91	0.01	0	
12544	12585	48.21	100	100	81.23	0.12	0.39	
12545	12586	87.2	100	100	51.37	0.08	0.17	
12546	12587	79.93	100	100	50.20	0.07	0.16	
12547	12588	27.32	100	100	6.63	0.01	0	
12548	12589	5.25	100	100	123.79	0.18	0.85	
12549	12590	82.48	200	100	361.94	0.13	0.21	
12550	12591	86.9	200	100	201.40	0.07	0.07	
12551	12592	17.52	100	100	28.81	0.04	0.06	
12552	12593	14.19	100	100	25.61	0.04	0.05	
12553	12594	69.12	100	100	60.58	0.09	0.23	
12554	12595	67.37	100	100	39.36	0.06	0.1	
12555	12596	117.11	100	100	3.16	0	0	
12556	12597	45.56	150	100	268.79	0.18	0.49	
12557	12598	50.18	150	100	134.05	0.09	0.14	
12558	12599	119.06	150	100	44.14	0.03	0.02	
12559	12600	68.66	150	100	103.90	0.07	0.09	
12560	12601	170.79	200	100	503.98	0.19	0.39	
12561	12602	48.75	200	100	890.33	0.33	1.12	
12562	12603	157.09	200	100	165.61	0.06	0.05	
12563	12604	13.29	200	100	1,659.79	0.61	3.55	
12564	12605	54.31	150	100	397.72	0.26	1.02	
12565	12606	58.63	100	100	88.74	0.13	0.46	
12566	12607	36.43	100	100	45.44	0.07	0.13	
12567	12608	75.06	100	100	52.55	0.08	0.17	
12568	12609	34.52	100	100	18.43	0.03	0.02	
12569	12610	41.27	100	100	42.80	0.06	0.12	
12570	12611	6.29	100	100	69.06	0.1	0.29	
12571	12612	127.44	100	100	38.39	0.06	0.1	
12572	12613	72.25	150	100	115.44	0.08	0.1	
12573	12614	12.66	150	100	467.24	0.31	1.38	
12574	12615	3.49	100	100	346.13	0.51	5.69	
12575	12616	52.5	100	100	92.67	0.14	0.5	
12576	12617	4.09	100	100	84.66	0.12	0.42	
12577	12618	92.8	100	100	35.08	0.05	0.08	
12578	12619	75.44	100	100	71.43	0.11	0.31	
12579	12620	170.81	150	100	132.43	0.09	0.13	
12580	12621	100.06	150	100	578.74	0.38	2.05	
12581	12622	73.13	300	100	434.79	0.07	0.04	
12582	12623	417.76	150	100	564.79	0.37	1.96	
12583	12624	251.75	700	100	23,393.72	0.7	1.07	
12584	12625	14.15	700	100	8,487.53	0.26	0.16	
12585	12626	61.55	150	100	514.58	0.34	1.65	
12586	12627	38.38	400	100	1,065.07	0.1	0.05	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
12587	12628	39.3	150	100	785.60	0.51	3.6	
12588	12629	330.28	150	100	99.25	0.07	0.08	
12589	12630	84.54	150	100	181.67	0.12	0.24	
12590	12631	64.32	150	100	74.87	0.05	0.05	
12591	12632	64.97	150	100	211.51	0.14	0.32	
12592	12633	205.18	100	100	31.64	0.05	0.07	
12593	12634	66.49	150	100	142.87	0.09	0.15	
12594	12635	66.56	150	100	231.31	0.15	0.37	
12595	12636	84.82	80	100	6.83	0.02	0.01	
12596	12637	39.46	100	100	18.76	0.03	0.03	
12597	12638	35.89	100	100	46.45	0.07	0.14	
12598	12639	185.78	200	100	82.01	0.03	0.01	
12599	12640	64.87	150	100	479.72	0.31	1.45	
12600	12641	114.29	80	100	80.22	0.18	1.13	
12601	12642	81.6	150	100	267.24	0.18	0.49	
12602	12643	117.44	100	100	84.92	0.13	0.42	
12603	12644	231.29	150	100	272.39	0.18	0.51	
12604	12645	113.87	200	100	2,179.59	0.8	5.87	
12605	12646	55	100	100	299.80	0.44	4.36	
12606	12647	44.85	100	100	599.26	0.88	15.73	
12607	12648	176.14	100	100	125.83	0.19	0.87	
12608	12649	58.41	100	100	5.17	0.01	0	
12609	12650	137.24	100	100	93.19	0.14	0.5	
12610	12651	97.91	80	100	77.72	0.18	1.06	
12611	12652	56.77	100	100	62.19	0.09	0.24	
12612	12653	65.32	100	100	161.39	0.24	1.39	
12613	12654	200.33	100	100	123.24	0.18	0.84	
12614	12655	62.92	150	100	198.40	0.13	0.28	
12615	12656	135.99	100	100	141.34	0.21	1.08	
12616	12657	264.51	600	100	10,008.02	0.41	0.47	
12617	12658	10.23	400	100	970.94	0.09	0.04	
12618	12659	131.75	100	100	119.05	0.18	0.79	
12619	12660	97.29	150	100	299.81	0.2	0.61	
12620	12661	67.23	150	100	220.84	0.14	0.34	
12621	12662	151.51	400	100	1,539.96	0.14	0.11	
12622	12663	103.87	100	100	63.95	0.09	0.25	
12623	12664	64.68	150	100	281.05	0.18	0.54	
12624	12665	69.36	200	100	286.71	0.11	0.14	
12625	12666	72.07	150	100	379.10	0.25	0.93	
12626	12667	88.71	100	100	189.91	0.28	1.87	
12627	12668	64.23	150	100	530.17	0.35	1.74	
12628	12669	3.37	150	100	626.79	0.41	2.37	
12629	12670	82.54	150	100	59.95	0.04	0.03	
12630	12671	47.71	150	100	545.94	0.36	1.84	
12631	12672	236.38	100	100	91.35	0.13	0.48	
12632	12673	128.93	150	100	198.96	0.13	0.28	
12633	12674	86.72	150	100	353.58	0.23	0.82	
12634	12675	99.46	150	100	80.71	0.05	0.05	
12635	12676	107.69	100	100	83.78	0.12	0.41	
12636	12677	57.87	150	100	283.59	0.19	0.55	
12637	12678	44.08	150	100	546.16	0.36	1.84	
12638	12679	156.25	150	100	526.02	0.34	1.71	
12639	12680	133.51	100	100	71.92	0.11	0.31	
12640	12681	112.27	100	100	124.48	0.18	0.86	
12641	12682	68.06	80	100	39.28	0.09	0.3	
12642	12683	48.48	150	100	750.24	0.49	3.31	
12643	12684	46.83	200	100	723.30	0.27	0.76	
12644	12685	105.15	100	100	77.28	0.11	0.35	
12645	12686	57.74	200	100	470.55	0.17	0.34	
12646	12687	95.44	100	100	194.79	0.29	1.96	
12647	12688	66.33	200	100	1,672.65	0.62	3.6	
12648	12689	71.05	100	100	223.01	0.33	2.52	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
12649	12690	162.29	150	100	632.21	0.41	2.41	
12650	12691	91.43	100	100	285.55	0.42	3.99	
12651	12692	1.53	200	100	1,377.01	0.51	2.51	
12652	12693	168.62	300	100	4,294.13	0.7	2.86	
12653	12694	267.17	600	100	19,331.13	0.79	1.59	
12654	12695	71.06	200	100	2,117.07	0.78	5.57	
12655	12696	107.98	600	100	31,147.29	1.27	3.84	
12656	12697	184.02	300	100	3,237.11	0.53	1.7	
12657	12698	56.79	100	100	276.19	0.41	3.75	
12658	12699	30.32	100	100	15.72	0.02	0.02	
12659	12700	135.45	150	100	187.47	0.12	0.25	
12660	12701	54.23	100	100	26.62	0.04	0.05	
12661	12702	64.44	100	100	204.55	0.3	2.15	
12662	12703	91	100	100	158.13	0.23	1.33	
12663	12704	93.95	80	100	113.45	0.26	2.14	
12664	12705	42.72	100	100	74.38	0.11	0.33	
12665	12706	22.17	100	100	245.64	0.36	3.02	
12666	12707	107.94	200	100	330.91	0.12	0.18	
12667	12708	90.43	100	100	22.10	0.03	0.03	
12668	12709	187.17	100	100	101.84	0.15	0.59	
12669	12710	90.91	100	100	20.42	0.03	0.03	
12670	12711	89.59	100	100	12.62	0.02	0.01	
12671	12712	24.28	100	100	79.12	0.12	0.37	
12672	12713	57.54	150	100	243.70	0.16	0.41	
12673	12714	88.49	150	100	115.96	0.08	0.1	
12674	12715	188.55	100	100	51.22	0.08	0.17	
12675	12716	90.83	150	100	161.82	0.11	0.19	
12676	12717	60.47	200	100	332.23	0.12	0.18	
12677	12718	147.87	150	100	384.81	0.25	0.96	
12678	12719	69.6	150	100	385.67	0.25	0.96	
12679	12720	90.21	200	100	131.11	0.05	0.03	
12680	12721	112.51	250	100	7,249.33	1.71	18.34	
12681	12722	171.16	100	100	155.17	0.23	1.29	
12682	12723	292.08	150	100	197.14	0.13	0.28	
12683	12724	189.98	80	100	33.59	0.08	0.22	
12684	12725	20.26	100	100	75.63	0.11	0.34	
12685	12726	67.1	100	100	109.36	0.16	0.67	
12686	12727	71.16	150	100	444.64	0.29	1.26	
12687	12728	156.53	100	100	65.72	0.1	0.26	
12688	12729	16.36	80	100	42.91	0.1	0.35	
12689	12730	56.99	80	100	0.00	0	0	
12690	12731	227.81	100	100	27.49	0.04	0.05	
12691	12732	238.96	100	100	74.24	0.11	0.33	
12692	12733	12.75	250	100	7,887.00	1.86	21.45	
12693	12734	91.19	150	100	81.49	0.05	0.05	
12694	12735	91.89	100	100	30.47	0.04	0.06	
12695	12736	92.29	100	100	42.30	0.06	0.12	
12696	12737	41.33	150	100	9.37	0.01	0	
12697	12738	79.44	150	100	244.03	0.16	0.41	
12698	12739	44.23	150	100	68.27	0.04	0.04	
12699	12740	57	150	100	379.03	0.25	0.93	
12700	12741	0.88	150	100	637.68	0.42	2.44	
12701	12742	35.55	150	100	326.57	0.21	0.71	
12702	12743	85.09	150	100	194.10	0.13	0.27	
12703	12744	68.63	100	100	51.54	0.08	0.17	
12704	12745	2.06	150	100	0.00	0	0	
12705	12746	49.95	150	100	212.64	0.14	0.32	
12706	12747	158.31	100	100	93.32	0.14	0.5	
12707	12748	44.65	150	100	14.88	0.01	0	
12708	12749	51.54	150	100	177.26	0.12	0.23	
12709	12750	103.32	100	100	13.12	0.02	0.01	
12710	12751	103.48	100	100	19.32	0.03	0.03	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
12711	12752	44.2	150	100	85.94	0.06	0.06	
12712	12753	42.46	100	100	43.71	0.06	0.12	
12713	12754	15.82	100	100	4.17	0.01	0	
12714	12755	34.86	100	100	135.46	0.2	1	
12715	12756	92.64	200	100	1,032.01	0.38	1.47	
12716	12757	27.5	80	100	61.61	0.14	0.69	
12717	12758	47.11	200	100	925.49	0.34	1.2	
12718	12759	66.18	100	100	55.60	0.08	0.19	
12719	12760	54.21	100	100	16.23	0.02	0.02	
12720	12761	52.78	150	100	165.06	0.11	0.2	
12721	12762	130.23	150	100	177.56	0.12	0.23	
12722	12763	193.61	100	100	17.32	0.03	0.02	
12723	12764	58.67	100	100	90.97	0.13	0.48	
12724	12765	70.56	200	100	336.89	0.12	0.18	
12725	12766	93.95	100	100	17.07	0.03	0.02	
12726	12767	94.83	200	100	165.68	0.06	0.05	
12727	12768	56.46	100	100	167.75	0.25	1.49	
12728	12769	112.21	150	100	33.60	0.02	0.01	
12729	12770	86.81	100	100	135.42	0.2	1	
12730	12771	100.65	100	100	98.22	0.14	0.55	
12731	12772	257.03	100	100	9.94	0.01	0.01	
12732	12773	99.77	100	100	128.44	0.19	0.91	
12733	12774	69.91	100	100	94.90	0.14	0.52	
12734	12775	88.2	150	100	470.02	0.31	1.39	
12735	12776	15.47	500	100	1,115.97	0.07	0.02	
12736	12777	118.34	400	100	6,103.50	0.56	1.35	
12737	12778	102.75	200	100	426.35	0.16	0.29	
12738	12779	2.72	80	100	14.61	0.03	0.05	
12739	12780	32.85	100	100	509.64	0.75	11.65	
12740	12781	52.53	100	100	60.98	0.09	0.23	
12741	12782	174.08	100	100	7.33	0.01	0	
12742	12783	26.1	100	100	74.83	0.11	0.33	
12743	12784	45.33	100	100	64.93	0.1	0.26	
12744	12785	53.25	80	100	9.63	0.02	0.02	
12745	12786	51.45	150	100	27.47	0.02	0.01	
12746	12787	50.65	100	100	214.48	0.32	2.35	
12747	12788	178.79	150	100	107.88	0.07	0.09	
12748	12789	87.96	100	100	136.71	0.2	1.02	
12749	12790	102.68	100	100	114.11	0.17	0.73	
12750	12791	85.15	100	100	135.86	0.2	1.01	
12751	12792	53.56	150	100	272.26	0.18	0.51	
12752	12793	35.51	150	100	111.79	0.07	0.1	
12753	12794	28.56	300	100	1,059.23	0.17	0.21	
12754	12795	68.41	600	100	23,146.17	0.95	2.21	
12755	12796	10.77	200	100	1,110.36	0.41	1.68	
12756	12797	71.58	150	100	550.56	0.36	1.87	
12757	12798	56.11	300	100	492.42	0.08	0.05	
12758	12799	18.36	100	100	25.35	0.04	0.05	
12759	12800	139.61	80	100	14.38	0.03	0.04	
12760	12801	59.1	100	100	23.63	0.03	0.04	
12761	12802	88.16	300	100	334.35	0.05	0.03	
12762	12803	112	100	100	135.19	0.2	1	
12763	12804	112.83	100	100	106.33	0.16	0.64	
12764	12805	31.92	100	100	231.06	0.34	2.69	
12765	12806	66.83	150	100	58.06	0.04	0.03	
12766	12807	59.46	100	100	24.84	0.04	0.04	
12767	12808	61.24	100	100	71.72	0.11	0.31	
12768	12809	70.12	100	100	37.77	0.06	0.09	
12769	12810	29.76	100	100	46.69	0.07	0.14	
12770	12811	54.26	100	100	83.80	0.12	0.41	
12771	12812	136.8	100	100	0.51	0	0	
12772	12813	116.53	80	100	21.85	0.05	0.1	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
12773	12814	110.58	150	100	217.54	0.14	0.33	
12774	12815	127.43	150	100	222.37	0.15	0.35	
12775	12816	60.66	100	100	21.33	0.03	0.03	
12776	12817	69.64	100	100	19.02	0.03	0.03	
12777	12818	37.7	150	100	436.40	0.29	1.21	
12778	12819	3.2	200	100	1,308.55	0.48	2.28	
12779	12820	3.38	100	100	164.15	0.24	1.43	
12780	12821	52.98	100	100	213.54	0.31	2.33	
12781	12822	97.1	100	100	15.07	0.02	0.02	
12782	12823	85.84	150	100	94.58	0.06	0.07	
12783	12824	86.62	150	100	941.71	0.62	5.04	
12784	12825	143.94	100	100	107.32	0.16	0.65	
12785	12826	106.23	150	100	383.39	0.25	0.95	
12786	12827	33.12	150	100	73.12	0.05	0.04	
12787	12828	60.06	100	100	6.03	0.01	0	
12788	12829	21.91	100	100	13.51	0.02	0.01	
12789	12830	42.65	100	100	0.14	0	0	
12790	12831	36.77	100	100	16.09	0.02	0.02	
12791	12832	68.79	150	100	213.28	0.14	0.32	
12792	12833	12.53	150	100	263.17	0.17	0.48	
12793	12834	82.36	150	100	224.37	0.15	0.35	
12794	12835	52.26	100	100	43.44	0.06	0.12	
12795	12836	109.18	150	100	5.94	0	0	
12796	12837	101.54	150	100	53.45	0.04	0.02	
12797	12838	26.36	100	100	55.80	0.08	0.19	
12798	12839	118.44	100	100	7.57	0.01	0	
12799	12840	58.26	100	100	19.94	0.03	0.03	
12800	12841	30.06	150	100	99.51	0.07	0.08	
12801	12842	58.25	100	100	98.45	0.15	0.55	
12802	12843	100.1	200	100	338.46	0.12	0.19	
12803	12844	42.97	100	100	54.00	0.08	0.18	
12804	12845	45.13	100	100	92.35	0.14	0.49	
12805	12846	106.32	200	100	564.29	0.21	0.48	
12806	12847	264.7	600	100	15,635.35	0.64	1.07	
12807	12848	51.83	100	100	27.43	0.04	0.05	
12808	12849	83.09	100	100	27.20	0.04	0.05	
12809	12850	176.68	100	100	84.32	0.12	0.42	
12810	12851	48.2	100	100	69.71	0.1	0.29	
12811	12852	166.26	100	100	36.99	0.05	0.09	
12812	12853	127.56	100	100	14.63	0.02	0.02	
12813	12854	47.48	100	100	94.63	0.14	0.52	
12814	12855	99.36	100	100	49.78	0.07	0.16	
12815	12856	105.2	100	100	26.96	0.04	0.05	
12816	12857	170.52	100	100	202.85	0.3	2.12	
12817	12858	30.56	150	100	422.84	0.28	1.14	
12818	12859	119.38	150	100	605.44	0.4	2.22	
12819	12860	380.94	150	100	339.76	0.22	0.76	
12820	12861	122.59	600	100	18,656.04	0.76	1.49	
12821	12862	313.37	800	100	6,603.30	0.15	0.05	
12822	12863	7.92	150	100	523.88	0.34	1.7	
12823	12864	30.37	150	100	1,514.89	0.99	12.16	
12824	12865	50.39	400	100	5,533.82	0.51	1.13	
12825	12866	49.21	100	100	36.42	0.05	0.09	
12826	12867	62.41	150	100	189.47	0.12	0.26	
12827	12868	101.73	100	100	126.35	0.19	0.88	
12828	12869	47.38	100	100	93.73	0.14	0.51	
12829	12870	77.67	100	100	1.75	0	0	
12830	12871	46.2	100	100	0.77	0	0	
12831	12872	432.18	400	100	6,030.54	0.56	1.32	
12832	12873	18.06	150	100	765.31	0.5	3.43	
12833	12874	2.55	600	100	1,979.99	0.08	0.02	
12834	12875	12.48	100	100	362.31	0.53	6.19	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
12835	12876	34.91	150	100	453.05	0.3	1.3	
12836	12877	61.43	150	100	193.83	0.13	0.27	
12837	12878	73.7	150	100	88.29	0.06	0.06	
12838	12879	75.83	100	100	46.91	0.07	0.14	
12839	12880	153.47	80	100	29.96	0.07	0.18	
12840	12881	108.38	100	100	73.84	0.11	0.33	
12841	12882	65.75	200	100	437.19	0.16	0.3	
12842	12883	104.2	100	100	48.36	0.07	0.15	
12843	12884	23.37	100	100	36.82	0.05	0.09	
12844	12885	116.3	100	100	26.23	0.04	0.05	
12845	12886	106.61	100	100	16.16	0.02	0.02	
12846	12887	50.25	100	100	75.29	0.11	0.34	
12847	12888	29.89	100	100	109.03	0.16	0.67	
12848	12889	54.17	100	100	43.17	0.06	0.12	
12849	12890	200.13	100	100	60.20	0.09	0.22	
12850	12891	46.91	100	100	96.26	0.14	0.53	
12851	12892	5.67	150	100	438.26	0.29	1.22	
12852	12893	80.54	150	100	109.94	0.07	0.09	
12853	12894	150.54	100	100	165.20	0.24	1.45	
12854	12895	72.72	100	100	222.38	0.33	2.51	
12855	12896	135.68	150	100	104.40	0.07	0.09	
12856	12897	595.71	600	100	19,725.15	0.81	1.65	
12857	12898	148.54	600	100	19,999.58	0.82	1.69	
12858	12899	10.63	150	100	163.05	0.11	0.2	
12859	12900	140.73	100	100	90.51	0.13	0.47	
12860	12901	110.12	150	100	525.99	0.34	1.71	
12861	12902	154.36	200	100	660.51	0.24	0.64	
12862	12903	57.66	150	100	834.78	0.55	4.03	
12863	12904	24.29	80	100	225.33	0.52	7.62	
12864	12905	1.29	80	100	143.26	0.33	3.3	
12865	12906	27.39	80	100	82.07	0.19	1.17	
12866	12907	2.23	150	100	225.33	0.15	0.36	
12867	12908	97.5	100	100	124.09	0.18	0.85	
12868	12909	48.51	150	100	112.90	0.07	0.1	
12869	12910	94.65	100	100	55.33	0.08	0.19	
12870	12911	83.48	600	100	16,990.49	0.7	1.25	
12871	12912	9.06	300	100	611.30	0.1	0.08	
12872	12913	210.88	150	100	452.22	0.3	1.3	
12873	12914	106.69	100	100	151.01	0.22	1.22	
12874	12915	106.92	150	100	14.40	0.01	0	
12875	12916	98.77	100	100	119.22	0.18	0.79	
12876	12917	96.49	100	100	3.97	0.01	0	
12877	12918	52.15	100	100	65.17	0.1	0.26	
12878	12919	52.83	200	100	240.36	0.09	0.1	
12879	12920	161.29	150	100	492.66	0.32	1.52	
12880	12921	186.52	150	100	55.96	0.04	0.03	
12881	12922	93.54	100	100	112.97	0.17	0.72	
12882	12923	89.53	100	100	99.04	0.15	0.56	
12883	12924	59.8	100	100	3.27	0	0	
12884	12925	62.07	100	100	21.38	0.03	0.03	
12885	12926	85.5	100	100	38.81	0.06	0.1	
12886	12927	62.97	100	100	27.70	0.04	0.05	
12887	12928	21.03	100	100	216.92	0.32	2.4	
12888	12929	96.89	100	100	100.31	0.15	0.57	
12889	12930	200.03	100	100	113.21	0.17	0.72	
12890	12931	111.48	200	100	883.20	0.33	1.1	
12891	12932	238.28	80	100	7.23	0.02	0.01	
12892	12933	20.82	150	100	842.51	0.55	4.1	
12893	12934	62.9	100	100	21.49	0.03	0.03	
12894	12935	75.9	100	100	138.66	0.2	1.05	
12895	12936	53.76	150	100	212.86	0.14	0.32	
12896	12937	68.68	100	100	42.52	0.06	0.12	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
12897	12938	315	200	100	795.43	0.29	0.91	
12898	12939	94.88	250	100	1,064.56	0.25	0.53	
12899	12940	74.61	250	100	1,035.81	0.24	0.5	
12900	12941	57.47	100	100	210.74	0.31	2.27	
12901	12942	103.36	600	100	14,984.44	0.61	0.99	
12902	12943	70.72	900	100	44,362.74	0.81	1.03	
12903	12944	47.54	150	100	393.05	0.26	1	
12904	12945	20.52	150	100	353.99	0.23	0.82	
12905	12946	51.89	150	100	423.28	0.28	1.15	
12906	12947	6.66	150	100	81.39	0.05	0.05	
12907	12948	108.17	150	100	240.84	0.16	0.4	
12908	12949	57.13	150	100	167.34	0.11	0.21	
12909	12950	63.49	100	100	138.22	0.2	1.04	
12910	12951	241.72	100	100	157.84	0.23	1.33	
12911	12952	47.53	200	100	87.04	0.03	0.02	
12912	12953	246.96	600	100	17,606.39	0.72	1.33	
12913	12954	447.58	150	100	393.88	0.26	1	
12914	12955	7.71	150	100	1,057.29	0.69	6.25	
12915	12956	139.34	600	100	16,219.29	0.66	1.15	
12916	12957	4.71	150	100	573.45	0.38	2.01	
12917	12958	9.93	600	100	168.33	0.01	0	
12918	12959	112.79	150	100	341.69	0.22	0.77	
12919	12960	7.18	150	100	479.66	0.31	1.45	
12920	12961	43.18	150	100	468.15	0.31	1.38	
12921	12962	45.59	150	100	346.49	0.23	0.79	
12922	12963	126.1	150	100	145.92	0.1	0.16	
12923	12964	52.24	150	100	422.21	0.28	1.14	
12924	12965	86.92	150	100	39.43	0.03	0.01	
12925	12966	98.09	150	100	383.85	0.25	0.96	
12926	12967	85.04	150	100	142.94	0.09	0.15	
12927	12968	44.53	150	100	96.80	0.06	0.07	
12928	12969	38.64	150	100	353.57	0.23	0.82	
12929	12970	116.27	100	100	4.60	0.01	0	
12930	12971	24.5	150	100	350.00	0.23	0.81	
12931	12972	177.48	100	100	65.37	0.1	0.26	
12932	12973	16.59	200	100	549.35	0.2	0.46	
12933	12974	51.9	100	100	131.36	0.19	0.95	
12934	12975	60.81	100	100	179.16	0.26	1.68	
12935	12976	57.27	200	100	245.02	0.09	0.1	
12936	12977	57.43	250	100	245.02	0.06	0.03	
12937	12978	53.65	150	100	268.50	0.18	0.49	
12938	12979	136.23	100	100	50.96	0.08	0.16	
12939	12980	136.56	100	100	50.89	0.07	0.16	
12940	12981	35.85	150	100	76.12	0.05	0.05	
12941	12982	24.34	150	100	238.40	0.16	0.4	
12942	12983	90.69	100	100	58.21	0.09	0.21	
12943	12984	81.93	100	100	36.39	0.05	0.09	
12944	12985	76	150	100	338.53	0.22	0.76	
12945	12986	47.61	100	100	194.81	0.29	1.96	
12946	12987	108.23	100	100	117.45	0.17	0.77	
12947	12988	2.58	100	100	703.48	1.04	21.17	
12948	12989	161.41	100	100	44.09	0.06	0.13	
12949	12990	4.5	150	100	679.55	0.45	2.76	
12950	12991	63.17	150	100	54.66	0.04	0.03	
12951	12992	20.86	150	100	37.25	0.02	0.01	
12952	12993	128.42	100	100	7.63	0.01	0	
12953	12994	33.99	150	100	37.25	0.02	0.01	
12954	12995	54.19	150	100	0.00	0	0	
12955	12996	125.14	100	100	2.38	0	0	
12956	12997	92.36	150	100	205.58	0.13	0.3	
12957	12998	43.06	150	100	66.87	0.04	0.04	
12958	12999	147.02	100	100	15.20	0.02	0.02	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
12959	13000	3.21	150	100	117.12	0.08	0.11	
12960	13001	95.7	100	100	74.71	0.11	0.33	
12961	13002	77.91	100	100	7.77	0.01	0.01	
12962	13003	83.05	150	100	47.15	0.03	0.02	
12963	13004	41.37	300	100	469.16	0.08	0.05	
12964	13005	4.05	150	100	843.68	0.55	4.11	
12965	13006	124.28	100	100	17.84	0.03	0.02	
12966	13007	83.63	150	100	844.95	0.55	4.12	
12967	13008	42.28	80	100	60.44	0.14	0.67	
12968	13009	130.84	100	100	43.73	0.06	0.12	
12969	13010	34.6	150	100	150.17	0.1	0.17	
12970	13011	149.6	100	100	40.84	0.06	0.11	
12971	13012	48.9	150	100	708.40	0.46	2.98	
12972	13013	70.36	80	100	22.38	0.05	0.11	
12973	13014	38.57	150	100	443.92	0.29	1.25	
12974	13015	70.15	100	100	17.43	0.03	0.02	
12975	13016	53.29	150	100	224.03	0.15	0.35	
12976	13017	296.72	150	100	21.67	0.01	0	
12977	13018	50.64	100	100	135.35	0.2	1	
12978	13019	127.68	100	100	38.95	0.06	0.1	
12979	13020	20.62	150	100	213.80	0.14	0.32	
12980	13021	5.81	150	100	423.23	0.28	1.15	
12981	13022	135.7	150	100	153.84	0.1	0.18	
12982	13023	69.05	150	100	125.78	0.08	0.12	
12983	13024	84.82	150	100	650.98	0.43	2.54	
12984	13025	51.36	200	100	245.75	0.09	0.1	
12985	13026	43.4	200	100	241.67	0.09	0.1	
12986	13027	18	400	100	3,351.78	0.31	0.45	
12987	13028	185.57	200	100	21.94	0.01	0	
12988	13029	150.27	200	100	295.86	0.11	0.15	
12989	13030	527.65	100	100	34.11	0.05	0.08	
12990	13031	267.3	100	100	40.84	0.06	0.11	
12991	13032	326.65	250	100	849.36	0.2	0.35	
12992	13033	591.63	400	100	31.14	0	0	
12993	13034	2860.21	100	100	577.41	0.85	14.69	
12994	13035	47.55	200	100	1,160.13	0.43	1.83	
12995	13036	59.31	200	100	1,193.34	0.44	1.93	
12996	13037	214.53	150	100	89.02	0.06	0.06	
12997	13038	17.22	150	100	433.63	0.28	1.2	
12998	13039	19.45	100	100	320.04	0.47	4.92	
12999	13040	37.52	100	100	222.50	0.33	2.51	
13000	13041	94.49	100	100	73.52	0.11	0.32	
13001	13042	136.64	100	100	26.76	0.04	0.05	
13002	13043	63.1	100	100	55.18	0.08	0.19	
13003	13044	103.61	100	100	41.35	0.06	0.11	
13004	13045	99.99	100	100	19.72	0.03	0.03	
13005	13046	86.52	100	100	45.25	0.07	0.13	
13006	13047	63.9	100	100	26.82	0.04	0.05	
13007	13048	254.4	100	100	139.05	0.2	1.05	
13008	13049	159.19	100	100	161.90	0.24	1.39	
13009	13050	62.22	100	100	155.23	0.23	1.29	
13010	13051	46.88	100	100	3.09	0	0	
13011	13052	145	100	100	170.66	0.25	1.54	
13012	13053	317.25	100	100	222.53	0.33	2.51	
13013	13054	59.21	100	100	13.92	0.02	0.01	
13014	13055	101.49	150	100	510.36	0.33	1.62	
13015	13056	89.9	150	100	206.67	0.14	0.3	
13016	13057	231.26	150	100	460.42	0.3	1.34	
13017	13058	252.07	100	100	57.69	0.09	0.21	
13018	13059	101.54	150	100	179.77	0.12	0.23	
13019	13060	108.77	100	100	146.57	0.22	1.16	
13020	13061	159.08	80	100	34.26	0.08	0.23	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
13021	13062	142.34	100	100	197.76	0.29	2.02	
13022	13063	49.92	150	100	414.32	0.27	1.1	
13023	13064	145.85	200	100	281.09	0.1	0.13	
13024	13065	349.25	100	100	211.15	0.31	2.28	
13025	13066	17.15	150	100	255.56	0.17	0.45	
13026	13067	46.16	100	100	90.96	0.13	0.48	
13027	13068	92.82	100	100	238.45	0.35	2.85	
13028	13069	136.03	150	100	132.46	0.09	0.13	
13029	13070	1.22	300	100	1,865.61	0.31	0.61	
13030	13071	181.43	200	100	1,429.61	0.53	2.69	
13031	13072	130.78	150	100	229.98	0.15	0.37	
13032	13073	138.55	150	100	36.01	0.02	0.01	
13033	13074	141.9	150	100	205.16	0.13	0.3	
13034	13075	114.13	150	100	67.48	0.04	0.04	
13035	13076	141.82	150	100	29.49	0.02	0.01	
13036	13077	25.85	150	100	365.05	0.24	0.87	
13037	13078	50.3	150	100	165.11	0.11	0.2	
13038	13079	264.2	150	100	30.40	0.02	0.01	
13039	13080	28.4	100	100	9.33	0.01	0.01	
13040	13081	164.92	100	100	17.61	0.03	0.02	
13041	13082	63.4	100	100	11.36	0.02	0.01	
13042	13083	82.87	100	100	30.00	0.04	0.06	
13043	13084	118.99	100	100	8.08	0.01	0.01	
13044	13085	11.61	150	100	111.99	0.07	0.1	
13045	13086	223.2	150	100	197.73	0.13	0.28	
13046	13087	11.03	200	100	32.95	0.01	0	
13047	13088	59.32	150	100	500.67	0.33	1.56	
13048	13089	78.12	150	100	98.42	0.06	0.08	
13049	13090	104.49	100	100	107.24	0.16	0.65	
13050	13091	181.22	100	100	95.30	0.14	0.52	
13051	13092	90.19	150	100	220.78	0.14	0.34	
13052	13093	46.85	80	100	20.05	0.05	0.09	
13053	13094	47.57	150	100	522.81	0.34	1.7	
13054	13095	74.1	150	100	568.74	0.37	1.98	
13055	13096	112.14	100	100	132.34	0.2	0.96	
13056	13097	69.08	150	100	165.46	0.11	0.2	
13057	13098	143.43	150	100	653.08	0.43	2.56	
13058	13099	92.3	200	100	470.75	0.17	0.34	
13059	13100	80.7	100	100	104.18	0.15	0.62	
13060	13101	84.66	100	100	82.15	0.12	0.4	
13061	13102	158.27	200	100	745.26	0.27	0.81	
13062	13103	11.52	150	100	44.63	0.03	0.02	
13063	13104	74.12	150	100	67.49	0.04	0.04	
13064	13105	194.83	150	100	502.29	0.33	1.57	
13065	13106	120.23	600	100	22,750.51	0.93	2.14	
13066	13107	70.27	300	100	955.05	0.16	0.18	
13067	13108	9.33	200	100	2,032.00	0.75	5.16	
13068	13109	114.47	100	100	149.90	0.22	1.21	
13069	13110	60.1	100	100	54.39	0.08	0.18	
13070	13111	84.8	100	100	150.69	0.22	1.22	
13071	13112	18.81	100	100	26.13	0.04	0.05	
13072	13113	59.16	100	100	0.27	0	0	
13073	13114	55.02	100	100	168.34	0.25	1.5	
13074	13115	27.93	100	100	47.58	0.07	0.14	
13075	13116	140.81	100	100	235.28	0.35	2.78	
13076	13117	35.61	100	100	197.42	0.29	2.01	
13077	13118	41.74	80	100	96.50	0.22	1.58	
13078	13119	37.11	100	100	28.41	0.04	0.06	
13079	13120	71.89	100	100	277.27	0.41	3.77	
13080	13121	11.72	100	100	257.33	0.38	3.29	
13081	13122	36.77	100	100	54.63	0.08	0.19	
13082	13123	102.79	100	100	21.79	0.03	0.03	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
13083	13124	43.21	100	100	30.80	0.05	0.06	
13084	13125	139.29	100	100	27.87	0.04	0.05	
13085	13126	188.27	150	100	35.16	0.02	0.01	
13086	13127	242.64	150	100	111.34	0.07	0.1	
13087	13128	274.34	400	100	5,674.39	0.52	1.18	
13088	13129	152.55	150	100	410.14	0.27	1.08	
13089	13130	26.62	300	100	2,975.59	0.49	1.45	
13090	13131	103.47	100	100	163.73	0.24	1.42	
13091	13132	84.14	100	100	88.77	0.13	0.46	
13092	13133	42.54	100	100	82.11	0.12	0.4	
13093	13134	79.26	100	100	114.42	0.17	0.73	
13094	13135	51.76	150	100	325.11	0.21	0.7	
13095	13136	183.34	100	100	120.18	0.18	0.8	
13096	13137	122.75	100	100	99.63	0.15	0.57	
13097	13138	91.05	150	100	452.56	0.3	1.3	
13098	13139	1.94	150	100	827.89	0.54	3.97	
13099	13140	1.59	150	100	571.54	0.37	2	
13100	13141	44.96	100	100	111.81	0.16	0.7	
13101	13142	59.31	100	100	18.34	0.03	0.02	
13102	13143	41.03	100	100	55.34	0.08	0.19	
13103	13144	65.96	100	100	43.15	0.06	0.12	
13104	13145	78.82	100	100	43.41	0.06	0.12	
13105	13146	33.29	100	100	59.37	0.09	0.22	
13106	13147	53.53	100	100	25.83	0.04	0.05	
13107	13148	42.13	100	100	8.58	0.01	0.01	
13108	13149	69.24	100	100	52.48	0.08	0.17	
13109	13150	65.95	100	100	54.14	0.08	0.18	
13110	13151	63.04	100	100	77.41	0.11	0.36	
13111	13152	78.58	150	100	429.13	0.28	1.18	
13112	13153	45.86	100	100	37.69	0.06	0.09	
13113	13154	37.74	100	100	163.86	0.24	1.43	
13114	13155	99.83	100	100	96.07	0.14	0.53	
13115	13156	11.4	300	100	2,731.24	0.45	1.24	
13116	13157	7.83	300	100	1,410.42	0.23	0.36	
13117	13158	29.6	100	100	0.00	0	0	
13118	13159	73.92	80	100	3.94	0.01	0	
13119	13160	38.59	80	100	25.98	0.06	0.14	
13120	13161	93.5	150	100	204.80	0.13	0.3	
13121	13162	59.49	100	100	8.34	0.01	0.01	
13122	13163	33.28	100	100	39.88	0.06	0.1	
13123	13164	64.12	200	100	1,497.20	0.55	2.93	
13124	13165	250.79	100	100	112.28	0.17	0.71	
13125	13166	78.4	100	100	217.00	0.32	2.4	
13126	13167	92.73	100	100	231.83	0.34	2.71	
13127	13168	98.24	150	100	401.43	0.26	1.04	
13128	13169	139.01	150	100	46.43	0.03	0.02	
13129	13170	80.65	150	100	157.82	0.1	0.18	
13130	13171	9.24	200	100	337.59	0.12	0.19	
13131	13172	87.12	100	100	43.77	0.06	0.12	
13132	13173	51.17	100	100	73.79	0.11	0.33	
13133	13174	106.07	100	100	37.55	0.06	0.09	
13134	13175	25.91	100	100	52.50	0.08	0.17	
13135	13176	53.07	200	100	148.65	0.05	0.04	
13136	13177	30.8	100	100	5.84	0.01	0	
13137	13178	102.12	150	100	89.07	0.06	0.06	
13138	13179	25.61	100	100	32.21	0.05	0.07	
13139	13180	20.28	150	100	121.70	0.08	0.11	
13140	13181	44.97	100	100	47.55	0.07	0.14	
13141	13182	48.9	150	100	134.86	0.09	0.14	
13142	13183	130.22	100	100	50.04	0.07	0.16	
13143	13184	129.76	100	100	11.48	0.02	0.01	
13144	13185	128.45	100	100	81.02	0.12	0.39	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
13145	13186	5.59	200	100	553.37	0.2	0.46	
13146	13187	41.47	200	100	461.93	0.17	0.33	
13147	13188	44.97	200	100	398.45	0.15	0.25	
13148	13189	13.8	200	100	124.51	0.05	0.03	
13149	13190	54.09	100	100	54.06	0.08	0.18	
13150	13191	41.21	150	100	75.13	0.05	0.05	
13151	13192	110.27	200	100	109.09	0.04	0.02	
13152	13193	107.53	100	100	18.02	0.03	0.02	
13153	13194	34.17	150	100	52.08	0.03	0.02	
13154	13195	45.99	100	100	33.63	0.05	0.08	
13155	13196	186.45	200	100	226.06	0.08	0.09	
13156	13197	26.39	80	100	29.32	0.07	0.17	
13157	13198	143.26	100	100	20.46	0.03	0.03	
13158	13199	53.49	100	100	21.77	0.03	0.03	
13159	13200	55.47	150	100	1.40	0	0	
13160	13201	90.21	200	100	38.88	0.01	0	
13161	13202	12.19	100	100	22.69	0.03	0.04	
13162	13203	126.83	150	100	50.38	0.03	0.02	
13163	13204	49.74	150	100	72.04	0.05	0.04	
13164	13205	64.05	100	100	12.46	0.02	0.01	
13165	13206	62.26	200	100	82.12	0.03	0.01	
13166	13207	39.74	200	100	193.47	0.07	0.07	
13167	13208	14.57	400	100	5,039.48	0.46	0.95	
13168	13209	55.34	150	100	54.99	0.04	0.03	
13169	13210	112.65	150	100	27.74	0.02	0.01	
13170	13211	14.6	150	100	24.25	0.02	0.01	
13171	13212	7.91	150	100	0.00	0	0	
13172	13213	40.91	150	100	40.28	0.03	0.01	
13173	13214	75.16	150	100	17.48	0.01	0	
13174	13215	55.92	150	100	82.85	0.05	0.06	
13175	13216	68.06	150	100	49.23	0.03	0.02	
13176	13217	167.81	150	100	198.52	0.13	0.28	
13177	13218	190.18	150	100	47.41	0.03	0.02	
13178	13219	54.28	200	100	165.41	0.06	0.05	
13179	13220	56.53	200	100	12.90	0	0	
13180	13221	191.75	200	100	39.83	0.01	0	
13181	13222	4.92	100	100	0.00	0	0	
13182	13223	27.72	80	100	0.00	0	0	
13183	13224	2.95	200	100	0.00	0	0	
13184	13225	139.36	150	100	49.71	0.03	0.02	
13185	13226	112.12	150	100	53.84	0.04	0.03	
13186	13227	5.79	400	100	0.00	0	0	
13187	13228	181.56	150	100	96.09	0.06	0.07	
13188	13229	112.94	200	100	158.24	0.06	0.05	
13189	13230	47.89	200	100	253.77	0.09	0.11	
13190	13231	50.5	200	100	258.61	0.1	0.11	
13191	13232	67.28	150	100	10.74	0.01	0	
13192	13233	170.65	150	100	26.91	0.02	0.01	
13193	13234	97.4	100	100	185.09	0.27	1.79	
13194	13235	157.7	100	100	6.58	0.01	0	
13195	13236	13.85	200	100	915.81	0.34	1.18	
13196	13237	109.06	100	100	46.40	0.07	0.14	
13197	13238	71.43	150	100	16.66	0.01	0	
13198	13240	16.39	150	100	0.01	0	0	
13199	13241	83.03	200	100	65.51	0.02	0.01	
13200	13242	347.46	600	100	7,850.16	0.32	0.3	
13201	13243	242.63	200	100	17.18	0.01	0	
13202	13244	1413.3	700	100	10,141.03	0.3	0.23	
13203	13245	4.6	200	100	745.64	0.27	0.81	
13204	13246	547.41	200	100	480.41	0.18	0.36	
13205	13247	47	150	100	256.71	0.17	0.45	
13206	13248	184.91	200	100	31.13	0.01	0	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
13207	13249	48.99	200	100	16.02	0.01	0	
13208	13250	3.58	400	100	1,870.50	0.17	0.15	
13209	13251	1.14	250	100	448.32	0.11	0.11	
13210	13252	4.5	100	100	96.71	0.14	0.54	
13211	13253	79.62	100	100	2.02	0	0	
13212	13254	70.11	150	100	68.78	0.05	0.04	
13213	13255	45.91	150	100	72.10	0.05	0.04	
13214	13256	37.71	150	100	37.87	0.02	0.01	
13215	13257	71.93	150	100	93.10	0.06	0.07	
13216	13258	46.05	200	100	16.11	0.01	0	
13217	13259	42.12	100	100	22.33	0.03	0.04	
13218	13260	63.53	150	100	40.69	0.03	0.01	
13219	13261	12.9	150	100	251.94	0.17	0.44	
13220	13262	64.7	100	100	26.03	0.04	0.05	
13221	13263	44.1	100	100	65.22	0.1	0.26	
13222	13264	35.97	150	100	144.18	0.09	0.16	
13223	13265	9.8	150	100	115.56	0.08	0.1	
13224	13266	7.53	250	100	153.56	0.04	0.01	
13225	13267	135.59	900	100	19,593.11	0.36	0.23	
13226	13268	5.9	300	100	364.29	0.06	0.03	
13227	13269	133.27	80	100	54.95	0.13	0.56	
13228	13270	44.26	150	100	480.16	0.31	1.45	
13229	13271	37.72	150	100	239.09	0.16	0.4	
13230	13272	43.93	150	100	809.30	0.53	3.81	
13231	13273	2.99	150	100	0.01	0	0	
13232	13274	35.82	150	100	475.35	0.31	1.42	
13233	13275	173.56	80	100	69.19	0.16	0.86	
13234	13276	279.41	150	100	105.17	0.07	0.09	
13235	13277	242.97	100	100	6.48	0.01	0	
13236	13278	481.95	150	100	144.50	0.09	0.16	
13237	13279	209.21	150	100	171.38	0.11	0.21	
13238	13280	113.37	150	100	23.32	0.02	0.01	
13239	13281	157.38	100	100	21.21	0.03	0.03	
13240	13282	155.1	150	100	213.84	0.14	0.32	
13241	13283	149.65	100	100	32.35	0.05	0.07	
13242	13284	54.81	100	100	160.77	0.24	1.38	
13243	13285	258.25	100	100	57.91	0.09	0.21	
13244	13286	105.88	100	100	54.34	0.08	0.18	
13245	13287	149.41	100	100	45.68	0.07	0.13	
13246	13288	86.09	100	100	29.16	0.04	0.06	
13247	13289	30.95	150	100	93.61	0.06	0.07	
13248	13290	146.75	100	100	76.26	0.11	0.35	
13249	13291	46.48	100	100	114.55	0.17	0.73	
13250	13292	74.32	100	100	165.54	0.24	1.45	
13251	13293	137.63	100	100	61.30	0.09	0.23	
13252	13294	83.18	150	100	355.99	0.23	0.83	
13253	13295	209.8	150	100	301.97	0.2	0.61	
13254	13296	225.9	150	100	431.82	0.28	1.19	
13255	13297	134.91	100	100	70.55	0.1	0.3	
13256	13298	24.26	100	100	63.60	0.09	0.25	
13257	13299	52.62	150	100	88.79	0.06	0.06	
13258	13300	41.76	100	100	121.05	0.18	0.81	
13259	13301	66.96	100	100	1.30	0	0	
13260	13302	36.83	100	100	349.05	0.51	5.78	
13261	13303	36.24	150	100	397.12	0.26	1.02	
13262	13304	100.7	200	100	1,269.34	0.47	2.16	
13263	13305	231.64	100	100	142.69	0.21	1.1	
13264	13306	221.05	100	100	155.78	0.23	1.3	
13265	13307	34.96	150	100	368.53	0.24	0.89	
13266	13308	11.34	200	100	1,367.00	0.5	2.48	
13267	13309	160.55	150	100	177.76	0.12	0.23	
13268	13310	31.83	150	100	256.64	0.17	0.45	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
13269	13311	124.75	100	100	144.53	0.21	1.13	
13270	13312	42.79	100	100	43.68	0.06	0.12	
13271	13313	190.4	100	100	21.33	0.03	0.03	
13272	13314	148.94	150	100	136.92	0.09	0.14	
13273	13315	35.58	150	100	636.02	0.42	2.44	
13274	13316	117.5	150	100	91.16	0.06	0.07	
13275	13317	99.5	100	100	14.89	0.02	0.02	
13276	13318	141.95	100	100	274.52	0.4	3.71	
13277	13319	37.41	250	100	2,082.27	0.49	1.82	
13278	13320	81.51	100	100	112.35	0.17	0.71	
13279	13321	23.78	100	100	520.41	0.77	12.11	
13280	13322	71.26	300	100	8,563.86	1.4	10.28	
13281	13323	1.45	250	100	1,907.53	0.45	1.55	
13282	13324	38.21	250	100	5,070.26	1.2	9.46	
13283	13325	3.73	100	100	103.65	0.15	0.61	
13284	13326	203.56	300	100	8,596.79	1.41	10.35	
13285	13327	109.42	100	100	22.66	0.03	0.04	
13286	13328	40.11	150	100	219.06	0.14	0.34	
13287	13329	752.29	150	100	568.84	0.37	1.98	
13288	13330	43.76	150	100	445.59	0.29	1.26	
13289	13331	144	100	100	305.89	0.45	4.53	
13290	13332	34.3	200	100	277.43	0.1	0.13	
13291	13333	1.67	150	100	183.38	0.12	0.25	
13292	13334	116.46	100	100	23.68	0.03	0.04	
13293	13335	105.9	100	100	113.13	0.17	0.72	
13294	13336	19.67	200	100	1,402.42	0.52	2.6	
13295	13337	47.84	150	100	947.65	0.62	5.1	
13296	13338	249.82	100	100	382.46	0.56	6.85	
13297	13339	79.8	150	100	1,581.05	1.04	13.16	
13298	13340	34	150	100	871.41	0.57	4.37	
13299	13341	37.92	150	100	1,269.74	0.83	8.77	
13300	13342	115.8	100	100	142.74	0.21	1.1	
13301	13343	105.53	100	100	162.00	0.24	1.4	
13302	13344	86.45	100	100	254.56	0.38	3.22	
13303	13345	35.58	150	100	291.32	0.19	0.57	
13304	13346	38.55	100	100	120.33	0.18	0.8	
13305	13347	98.21	100	100	116.69	0.17	0.76	
13306	13348	123.55	100	100	78.33	0.12	0.36	
13307	13349	37.13	150	100	481.86	0.32	1.46	
13308	13350	197.59	100	100	93.19	0.14	0.5	
13309	13351	43.24	100	100	21.85	0.03	0.03	
13310	13352	193.39	100	100	182.21	0.27	1.73	
13311	13353	44.37	150	100	574.41	0.38	2.02	
13312	13354	129.95	100	100	338.40	0.5	5.46	
13313	13355	36.03	100	100	83.68	0.12	0.41	
13314	13356	127.61	100	100	20.63	0.03	0.03	
13315	13357	63.31	100	100	171.54	0.25	1.55	
13316	13358	96.81	100	100	452.23	0.67	9.34	
13317	13359	52.08	100	100	489.76	0.72	10.83	
13318	13360	116.72	100	100	13.05	0.02	0.01	
13319	13361	111.8	100	100	8.77	0.01	0.01	
13320	13362	33.67	150	100	193.04	0.13	0.27	
13321	13363	224.61	100	100	533.91	0.79	12.7	
13322	13364	190.7	150	100	190.47	0.12	0.26	
13323	13365	9.8	100	100	124.83	0.18	0.86	
13324	13366	42.7	100	100	127.27	0.19	0.89	
13325	13367	53.05	100	100	36.71	0.05	0.09	
13326	13368	110.54	100	100	12.37	0.02	0.01	
13327	13369	12.49	100	100	78.16	0.12	0.36	
13328	13370	14.76	400	100	11,217.39	1.03	4.17	
13329	13371	3.74	150	100	0.01	0	0	
13330	13372	12.72	400	100	8,179.05	0.75	2.32	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
13331	13373	6.56	400	100	3,299.81	0.3	0.43	
13332	13374	236.82	100	100	122.78	0.18	0.83	
13333	13375	64.67	100	100	132.28	0.19	0.96	
13334	13376	93.66	150	100	55.83	0.04	0.03	
13335	13377	13.69	250	100	1,522.85	0.36	1.02	
13336	13378	308.35	250	100	123.59	0.03	0.01	
13337	13379	484.93	350	100	1,522.85	0.18	0.2	
13338	13380	101.83	150	100	0.00	0	0	
13339	13381	273.48	400	100	2,189.49	0.2	0.2	
13340	13382	20.67	100	100	89.09	0.13	0.46	
13341	13383	3.27	100	100	0.00	0	0	
13342	13384	181.04	150	100	1,399.27	0.92	10.5	
13343	13385	110.14	150	100	49.70	0.03	0.02	
13344	13386	13.4	400	100	3,754.18	0.35	0.55	
13345	13387	112.5	500	100	3,707.96	0.22	0.18	
13346	13388	9.85	200	100	1,011.99	0.37	1.42	
13347	13389	1.53	200	100	474.06	0.17	0.35	
13348	13390	99.96	150	100	530.42	0.35	1.74	
13349	13391	8.94	300	100	919.49	0.15	0.17	
13350	13392	6.08	300	100	34.00	0.01	0	
13351	13393	1.4	150	100	953.49	0.62	5.16	
13352	13394	103.6	150	100	1,412.98	0.93	10.69	
13353	13395	1.42	100	100	473.10	0.7	10.15	
13354	13396	37.82	100	100	4.86	0.01	0	
13355	13397	94.38	150	100	485.64	0.32	1.48	
13356	13398	34.1	150	100	430.52	0.28	1.18	
13357	13399	51.05	100	100	209.19	0.31	2.24	
13358	13400	252.51	100	100	58.55	0.09	0.21	
13359	13401	185.5	100	100	292.61	0.43	4.17	
13360	13402	83.87	100	100	152.22	0.22	1.24	
13361	13403	98.01	150	100	84.98	0.06	0.06	
13362	13404	162.22	100	100	85.15	0.13	0.42	
13363	13405	77.56	100	100	124.88	0.18	0.86	
13364	13406	57.83	150	100	124.32	0.08	0.12	
13365	13407	42.69	100	100	5.53	0.01	0	
13366	13408	130.08	100	100	7.58	0.01	0	
13367	13409	41.87	400	100	0.01	0	0	
13368	13411	60.95	150	100	23.58	0.02	0.01	
13369	13412	75.51	80	100	26.34	0.06	0.14	
13370	13413	279.43	500	100	3,961.27	0.23	0.2	
13371	13414	132.4	150	100	112.28	0.07	0.1	
13372	13415	104.02	100	100	7.77	0.01	0.01	
13373	13416	162.08	100	100	72.38	0.11	0.31	
13374	13417	79.05	100	100	83.65	0.12	0.41	
13375	13418	133.55	200	100	158.87	0.06	0.05	
13376	13419	52.19	100	100	7.54	0.01	0	
13377	13420	92.01	100	100	27.48	0.04	0.05	
13378	13421	202.91	200	100	385.51	0.14	0.24	
13379	13422	40.58	100	100	35.57	0.05	0.08	
13380	13423	30.43	200	100	19.38	0.01	0	
13381	13424	41.57	200	100	123.08	0.05	0.03	
13382	13425	3.27	200	100	159.27	0.06	0.05	
13383	13426	84.43	100	100	39.54	0.06	0.1	
13384	13427	99.95	100	100	80.37	0.12	0.38	
13385	13428	93.02	100	100	13.32	0.02	0.01	
13386	13429	48.7	100	100	11.86	0.02	0.01	
13387	13430	99.84	100	100	54.27	0.08	0.18	
13388	13431	98.08	100	100	51.32	0.08	0.17	
13389	13432	198.27	100	100	52.33	0.08	0.17	
13390	13433	42.05	100	100	0.86	0	0	
13391	13434	119.24	100	100	70.43	0.1	0.3	
13392	13435	144.18	100	100	79.40	0.12	0.37	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
13393	13436	41.29	150	100	638.80	0.42	2.46	
13394	13437	40.66	200	100	285.75	0.11	0.14	
13395	13438	4.21	200	100	393.63	0.15	0.25	
13396	13439	23.73	500	100	4,829.43	0.28	0.3	
13397	13440	143.99	600	100	8,673.40	0.36	0.36	
13398	13441	128.73	100	100	28.62	0.04	0.06	
13399	13442	8.48	200	100	18.28	0.01	0	
13400	13443	89.25	100	100	35.33	0.05	0.08	
13401	13444	43.09	100	100	9.59	0.01	0.01	
13402	13445	87.53	80	100	6.24	0.01	0.01	
13403	13446	41.11	100	100	51.13	0.08	0.16	
13404	13447	132.49	100	100	109.42	0.16	0.67	
13405	13448	55.75	100	100	9.37	0.01	0.01	
13406	13449	78.29	100	100	19.78	0.03	0.03	
13407	13450	140.37	100	100	12.05	0.02	0.01	
13408	13451	196.13	150	100	33.89	0.02	0.01	
13409	13452	182.76	100	100	8.14	0.01	0.01	
13410	13453	125.43	100	100	15.57	0.02	0.02	
13411	13454	138.63	100	100	45.87	0.07	0.13	
13412	13455	33.31	500	100	9,763.54	0.58	1.09	
13413	13456	260.66	500	100	9,962.55	0.59	1.13	
13414	13457	156.59	150	100	46.57	0.03	0.02	
13415	13458	2.63	150	100	98.90	0.06	0.08	
13416	13459	151.9	150	100	34.13	0.02	0.01	
13417	13460	53.05	150	100	82.20	0.05	0.06	
13418	13461	85.86	150	100	504.16	0.33	1.58	
13419	13462	110.95	100	100	196.00	0.29	1.99	
13420	13463	47.71	150	100	387.44	0.25	0.97	
13421	13464	187.09	150	100	489.37	0.32	1.5	
13422	13465	129.36	150	100	389.05	0.25	0.98	
13423	13466	10.88	150	100	104.63	0.07	0.09	
13424	13467	4.85	150	100	199.01	0.13	0.28	
13425	13468	323.47	100	100	0.00	0	0	
13426	13469	86.46	100	100	20.50	0.03	0.03	
13427	13470	293.47	400	100	4,966.03	0.46	0.92	
13428	13471	82.57	400	100	5,067.42	0.47	0.96	
13429	13472	473.76	500	100	6,733.64	0.4	0.55	
13430	13473	295.94	100	100	113.05	0.17	0.72	
13431	13474	14.37	150	100	391.10	0.26	0.99	
13432	13475	10.01	150	100	35.14	0.02	0.01	
13433	13476	260.49	150	100	355.97	0.23	0.83	
13434	13477	263.82	600	100	15,795.65	0.65	1.09	
13435	13478	8.48	100	100	427.28	0.63	8.41	
13436	13479	61.81	100	100	71.31	0.11	0.31	
13437	13480	5.86	150	100	366.79	0.24	0.88	
13438	13481	40.55	100	100	325.05	0.48	5.07	
13439	13482	16.62	900	100	32,727.14	0.6	0.58	
13440	13483	48.81	200	100	276.93	0.1	0.13	
13441	13484	61.94	100	100	73.47	0.11	0.32	
13442	13485	111.72	100	100	44.65	0.07	0.13	
13443	13486	49.83	100	100	35.76	0.05	0.08	
13444	13487	98.08	100	100	110.89	0.16	0.69	
13445	13488	70.9	150	100	351.83	0.23	0.81	
13446	13489	31.79	150	100	512.89	0.34	1.64	
13447	13490	28.65	200	100	1,295.07	0.48	2.24	
13448	13491	9.81	200	100	210.94	0.08	0.08	
13449	13492	128.08	150	100	293.15	0.19	0.58	
13450	13493	85.84	150	100	258.37	0.17	0.46	
13451	13494	66.86	100	100	15.28	0.02	0.02	
13452	13495	53.9	100	100	4.50	0.01	0	
13453	13496	117.04	100	100	12.21	0.02	0.01	
13454	13497	67.12	80	100	93.50	0.22	1.49	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
13455	13498	39.81	100	100	40.06	0.06	0.11	
13456	13499	42.31	100	100	37.29	0.05	0.09	
13457	13500	46.68	100	100	10.52	0.02	0.01	
13458	13501	51.91	100	100	36.27	0.05	0.09	
13459	13502	119.98	80	100	54.17	0.12	0.54	
13460	13503	85.36	80	100	34.82	0.08	0.24	
13461	13504	91.8	150	100	74.13	0.05	0.05	
13462	13505	107.13	100	100	8.96	0.01	0.01	
13463	13506	125.05	100	100	4.15	0.01	0	
13464	13507	96.92	200	100	75.88	0.03	0.01	
13465	13508	92.08	100	100	21.52	0.03	0.03	
13466	13509	199.65	100	100	23.61	0.03	0.04	
13467	13510	344.53	200	100	133.28	0.05	0.03	
13468	13511	130.01	150	100	160.35	0.11	0.19	
13469	13512	43.39	150	100	38.64	0.03	0.01	
13470	13513	172.69	100	100	69.52	0.1	0.29	
13471	13514	217.05	100	100	69.30	0.1	0.29	
13472	13515	116.96	100	100	42.07	0.06	0.11	
13473	13516	122.31	100	100	33.56	0.05	0.08	
13474	13517	46.55	80	100	66.32	0.15	0.79	
13475	13518	87.12	80	100	40.98	0.09	0.32	
13476	13519	70.36	100	100	70.43	0.1	0.3	
13477	13520	52.86	100	100	84.04	0.12	0.41	
13478	13521	149.04	150	100	101.31	0.07	0.08	
13479	13522	36.13	100	100	9.30	0.01	0.01	
13480	13523	174.4	150	100	26.09	0.02	0.01	
13481	13524	199.68	150	100	24.25	0.02	0.01	
13482	13525	121.6	100	100	28.52	0.04	0.06	
13483	13526	93.71	150	100	34.44	0.02	0.01	
13484	13527	109.53	100	100	20.28	0.03	0.03	
13485	13528	21.35	150	100	358.05	0.23	0.84	
13486	13529	70.01	150	100	0.00	0	0	
13487	13530	16.42	400	100	130.94	0.01	0	
13488	13531	313.32	400	100	156.95	0.01	0	
13489	13532	1.44	150	100	35.69	0.02	0.01	
13490	13533	45.55	400	100	1,891.13	0.17	0.15	
13491	13534	128.23	400	100	2,439.19	0.22	0.25	
13492	13535	368.99	150	100	9.13	0.01	0	
13493	13536	0.65	200	100	190.01	0.07	0.06	
13494	13537	14.36	100	100	0.62	0	0	
13495	13538	58.28	150	100	91.58	0.06	0.07	
13496	13539	56.51	100	100	4.01	0.01	0	
13497	13540	63.24	500	100	2,447.41	0.14	0.08	
13498	13541	109.38	100	100	5.19	0.01	0	
13499	13542	39.65	100	100	4.83	0.01	0	
13500	13543	21.52	100	100	13.95	0.02	0.01	
13501	13544	1.52	200	100	23.07	0.01	0	
13502	13545	115.14	100	100	3.33	0	0	
13503	13546	338	500	100	2,470.48	0.15	0.09	
13504	13547	9.82	600	100	6,202.92	0.25	0.19	
13505	13548	75.26	100	100	9.24	0.01	0.01	
13506	13549	8.73	200	100	1,045.53	0.39	1.51	
13507	13550	203.42	300	100	777.16	0.13	0.12	
13508	13551	271.65	100	100	57.09	0.08	0.16	
13509	13552	10.85	200	100	184.79	0.07	0.06	
13510	13553	253.99	150	100	80.21	0.05	0.05	
13511	13554	50.96	150	100	88.72	0.06	0.06	
13512	13555	60.3	100	100	6.67	0.01	0	
13513	13556	70.06	100	100	4.75	0.01	0	
13514	13557	64.66	150	100	33.42	0.02	0.01	
13515	13558	59.99	100	100	9.11	0.01	0.01	
13516	13559	57.99	150	100	14.68	0.01	0	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
13517	13560	52.47	150	100	12.79	0.01	0	
13518	13561	61.92	100	100	5.17	0.01	0	
13519	13562	76.54	150	100	64.28	0.04	0.04	
13520	13563	102.47	150	100	55.82	0.04	0.03	
13521	13564	63.54	100	100	21.18	0.03	0.03	
13522	13565	101.23	80	100	11.70	0.03	0.03	
13523	13566	30.43	80	100	10.38	0.02	0.03	
13524	13567	90.35	100	100	16.41	0.02	0.02	
13525	13568	48.4	100	100	19.92	0.03	0.03	
13526	13569	59.57	100	100	27.12	0.04	0.05	
13527	13570	226.97	150	100	139.67	0.09	0.15	
13528	13571	7.39	150	100	56.65	0.04	0.03	
13529	13572	29.43	80	100	14.93	0.03	0.05	
13530	13573	33.03	80	100	23.72	0.05	0.12	
13531	13574	65.27	150	100	91.39	0.06	0.07	
13532	13575	34.85	80	100	23.76	0.05	0.12	
13533	13576	88.64	150	100	18.74	0.01	0	
13534	13577	257.37	150	100	46.65	0.03	0.02	
13535	13578	44.44	100	100	11.43	0.02	0.01	
13536	13579	39.03	100	100	7.61	0.01	0	
13537	13580	30.85	100	100	30.79	0.05	0.06	
13538	13581	156.59	150	100	27.28	0.02	0.01	
13539	13582	48.34	150	100	38.02	0.02	0.01	
13540	13583	83.74	150	100	52.35	0.03	0.02	
13541	13584	157.13	100	100	15.56	0.02	0.02	
13542	13585	82.08	100	100	4.36	0.01	0	
13543	13586	78.66	100	100	8.17	0.01	0.01	
13544	13587	41.31	100	100	13.18	0.02	0.01	
13545	13588	27.2	200	100	20.68	0.01	0	
13546	13589	74.21	400	100	2,151.73	0.2	0.2	
13547	13590	357.58	400	100	3,223.36	0.3	0.41	
13548	13591	37.99	150	100	74.67	0.05	0.05	
13549	13592	98.76	150	100	109.94	0.07	0.09	
13550	13593	67.79	150	100	59.19	0.04	0.03	
13551	13594	134.64	150	100	91.71	0.06	0.07	
13552	13595	48.45	150	100	76.53	0.05	0.05	
13553	13596	98.6	100	100	58.19	0.09	0.21	
13554	13597	94.82	150	100	230.64	0.15	0.37	
13555	13598	47.36	200	100	375.28	0.14	0.23	
13556	13599	72.9	200	100	240.68	0.09	0.1	
13557	13600	12.02	200	100	74.67	0.03	0.01	
13558	13601	90.01	200	100	158.56	0.06	0.05	
13559	13602	67.85	150	100	68.42	0.04	0.04	
13560	13603	47.06	150	100	80.61	0.05	0.05	
13561	13604	132.61	150	100	91.57	0.06	0.07	
13562	13605	41.33	100	100	80.43	0.12	0.38	
13563	13606	98.58	150	100	155.49	0.1	0.18	
13564	13607	20.73	100	100	59.53	0.09	0.22	
13565	13608	43.15	100	100	35.14	0.05	0.08	
13566	13609	11.21	150	100	95.49	0.06	0.07	
13567	13610	18.61	200	100	135.23	0.05	0.03	
13568	13611	64.99	150	100	59.57	0.04	0.03	
13569	13612	64.41	100	100	32.30	0.05	0.07	
13570	13613	37.54	150	100	78.56	0.05	0.05	
13571	13614	64.89	100	100	25.00	0.04	0.04	
13572	13615	107.63	100	100	37.29	0.05	0.09	
13573	13616	71.79	100	100	41.34	0.06	0.11	
13574	13617	65.54	100	100	38.78	0.06	0.1	
13575	13618	60.85	100	100	74.49	0.11	0.33	
13576	13619	44.25	150	100	16.90	0.01	0	
13577	13620	52.96	100	100	58.96	0.09	0.21	
13578	13621	63.6	150	100	47.72	0.03	0.02	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
13579	13622	63.27	100	100	40.20	0.06	0.11	
13580	13623	57.75	150	100	80.87	0.05	0.05	
13581	13624	41.95	100	100	61.74	0.09	0.23	
13582	13625	63.79	100	100	38.67	0.06	0.1	
13583	13626	21.97	200	100	288.31	0.11	0.14	
13584	13627	101.44	150	100	97.02	0.06	0.07	
13585	13628	66.03	150	100	249.21	0.16	0.43	
13586	13629	37.03	150	100	171.64	0.11	0.22	
13587	13630	30.19	100	100	113.91	0.17	0.73	
13588	13631	368.31	150	100	32.41	0.02	0.01	
13589	13632	59.32	80	100	26.50	0.06	0.14	
13590	13633	65.33	150	100	21.18	0.01	0	
13591	13634	48.05	150	100	70.78	0.05	0.04	
13592	13635	59.81	150	100	492.21	0.32	1.52	
13593	13636	73.99	80	100	132.84	0.31	2.86	
13594	13637	26.29	80	100	73.82	0.17	0.96	
13595	13638	69.3	80	100	86.86	0.2	1.3	
13596	13639	72.29	150	100	570.18	0.37	1.99	
13597	13640	70.76	100	100	189.10	0.28	1.86	
13598	13641	49.43	100	100	136.24	0.2	1.01	
13599	13642	81.15	100	100	24.27	0.04	0.04	
13600	13643	119.97	100	100	166.88	0.25	1.47	
13601	13644	82.24	100	100	134.58	0.2	0.99	
13602	13645	7.17	150	100	411.54	0.27	1.09	
13603	13646	23.1	100	100	174.05	0.26	1.59	
13604	13647	44.23	100	100	168.21	0.25	1.5	
13605	13648	43.45	80	100	73.88	0.17	0.97	
13606	13649	98.15	150	100	119.83	0.08	0.11	
13607	13650	73.78	150	100	224.25	0.15	0.35	
13608	13651	153.9	150	100	68.05	0.04	0.04	
13609	13652	53.91	150	100	375.35	0.25	0.92	
13610	13653	64.8	150	100	385.23	0.25	0.96	
13611	13654	99.75	150	100	255.85	0.17	0.45	
13612	13655	59.41	100	100	11.78	0.02	0.01	
13613	13656	50.56	150	100	63.68	0.04	0.03	
13614	13657	100.24	100	100	19.12	0.03	0.03	
13615	13658	113.21	150	100	94.68	0.06	0.07	
13616	13659	2.16	200	100	584.09	0.22	0.51	
13617	13660	454.02	200	100	191.40	0.07	0.06	
13618	13661	44.32	150	100	358.28	0.23	0.84	
13619	13662	54.89	150	100	294.84	0.19	0.59	
13620	13663	117.44	100	100	23.73	0.03	0.04	
13621	13664	47.32	300	100	2,110.49	0.35	0.77	
13622	13665	9.46	300	100	2,757.75	0.45	1.26	
13623	13666	25.22	150	100	97.05	0.06	0.07	
13624	13667	701.74	700	100	12,980.48	0.39	0.36	
13625	13668	6.08	700	100	789.89	0.02	0	
13626	13669	333.25	100	100	450.79	0.66	9.28	
13627	13670	79.8	80	100	249.69	0.57	9.22	
13628	13671	17.47	400	100	690.03	0.06	0.02	
13629	13672	38.52	700	100	2,049.56	0.06	0.01	
13630	13673	21.19	300	100	428.75	0.07	0.04	
13631	13674	3.83	400	100	289.52	0.03	0	
13632	13676	2.13	150	100	183.95	0.12	0.24	
13633	13677	67.49	100	100	804.11	1.18	27.12	
13634	13678	256.63	300	100	2,399.59	0.39	0.97	
13635	13679	427.43	80	100	8.23	0.02	0.02	
13636	13680	125.47	150	100	511.43	0.33	1.63	
13637	13681	158.95	150	100	612.31	0.4	2.27	
13638	13682	2.75	100	100	67.20	0.1	0.27	
13639	13683	2.44	150	100	451.52	0.3	1.29	
13640	13684	146.08	300	100	678.09	0.11	0.09	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
13641	13685	1.44	100	100	45.18	0.07	0.13	
13642	13686	147.17	150	100	234.35	0.15	0.38	
13643	13687	18.51	100	100	353.72	0.52	5.93	
13644	13688	117.02	100	100	3.45	0.01	0	
13645	13689	90.33	150	100	134.06	0.09	0.14	
13646	13690	1.01	300	100	1,487.81	0.24	0.41	
13647	13691	83.43	300	100	2,865.36	0.47	1.35	
13648	13692	134.27	250	100	1,341.12	0.32	0.81	
13649	13694	150.74	150	100	252.42	0.17	0.44	
13650	13695	32.58	80	100	88.58	0.2	1.35	
13651	13696	233.59	150	100	10.04	0.01	0	
13652	13697	9.93	200	100	312.14	0.11	0.16	
13653	13699	485.15	150	100	452.28	0.3	1.3	
13654	13700	137.28	100	100	15.39	0.02	0.02	
13655	13701	34.52	300	100	1,685.53	0.28	0.51	
13656	13702	114.57	100	100	20.64	0.03	0.03	
13657	13703	32.64	100	100	55.42	0.08	0.19	
13658	13704	89.31	100	100	39.69	0.06	0.1	
13659	13705	204.97	100	100	25.35	0.04	0.04	
13660	13706	28.55	300	100	1,712.72	0.28	0.52	
13661	13707	270.38	400	100	5,641.25	0.52	1.17	
13662	13708	1.38	700	100	0.00	0	0	
13663	13710	123.33	400	100	0.00	0	0	
13664	13711	122.39	400	100	5,639.13	0.52	1.17	
13665	13712	235.14	300	100	1,453.98	0.24	0.39	
13666	13713	139.91	200	100	732.31	0.27	0.78	
13667	13714	509.63	300	100	718.27	0.12	0.1	
13668	13715	177.06	300	100	1,475.13	0.24	0.4	
13669	13716	8.02	700	100	5,824.46	0.18	0.08	
13670	13717	113.53	400	100	2,690.95	0.25	0.3	
13671	13718	7.52	300	100	1,878.20	0.31	0.62	
13672	13719	55.7	150	100	522.01	0.34	1.69	
13673	13720	1.64	300	100	3,074.67	0.5	1.54	
13674	13721	4.4	300	100	4,012.93	0.66	2.52	
13675	13722	0.69	150	100	32.83	0.02	0.01	
13676	13723	13.79	150	100	554.84	0.36	1.89	
13677	13724	2.45	150	100	75.18	0.05	0.05	
13678	13725	0.84	150	100	479.66	0.31	1.45	
13679	13726	24.15	200	100	938.26	0.35	1.23	
13680	13727	131.67	80	100	173.80	0.4	4.71	
13681	13728	83.08	100	100	23.26	0.03	0.04	
13682	13729	263.26	150	100	209.32	0.14	0.31	
13683	13730	194.2	150	100	0.00	0	0	
13684	13731	45.36	300	100	2,327.32	0.38	0.92	
13685	13732	328.23	100	100	71.65	0.11	0.31	
13686	13733	53.19	300	100	1,253.49	0.21	0.29	
13687	13734	93.07	80	100	61.20	0.14	0.68	
13688	13735	79.44	200	100	228.48	0.08	0.09	
13689	13736	33.55	200	100	61.11	0.02	0.01	
13690	13737	130.05	100	100	23.06	0.03	0.04	
13691	13738	77.56	200	100	384.36	0.14	0.24	
13692	13739	129.4	200	100	0.00	0	0	
13693	13740	9.23	150	100	382.69	0.25	0.95	
13694	13741	327.97	200	100	1,265.51	0.47	2.15	
13695	13742	1.87	200	100	1,237.86	0.46	2.06	
13696	13743	101.35	100	100	3.91	0.01	0	
13697	13744	4.31	300	100	4,142.06	0.68	2.68	
13698	13745	4.22	300	100	3,158.68	0.52	1.62	
13699	13746	12.09	200	100	983.37	0.36	1.34	
13700	13747	38.57	300	100	3,645.48	0.6	2.11	
13701	13748	29.33	100	100	95.27	0.14	0.52	
13702	13749	3.75	100	100	77.06	0.11	0.35	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
13703	13750	5.43	100	100	112.80	0.17	0.71	
13704	13751	1.61	300	100	112.80	0.02	0	
13705	13752	32.05	300	100	192.53	0.03	0.01	
13706	13753	81.08	300	100	41.84	0.01	0	
13707	13754	103.74	300	100	61.11	0.01	0	
13708	13755	49.83	100	100	7.66	0.01	0	
13709	13756	51.87	100	100	19.59	0.03	0.03	
13710	13757	30.43	300	100	80.95	0.01	0	
13711	13758	124.18	100	100	7.47	0.01	0	
13712	13759	31.34	100	100	8.49	0.01	0.01	
13713	13760	58.07	100	100	9.87	0.01	0.01	
13714	13761	125.52	100	100	8.42	0.01	0.01	
13715	13762	32.23	200	100	4.89	0	0	
13716	13763	23.91	100	100	182.73	0.27	1.74	
13717	13764	50.11	100	100	35.82	0.05	0.09	
13718	13765	186.53	100	100	121.35	0.18	0.82	
13719	13766	150.79	100	100	77.80	0.11	0.36	
13720	13767	32.95	100	100	79.06	0.12	0.37	
13721	13768	24.31	100	100	137.89	0.2	1.04	
13722	13769	19.35	300	100	11.05	0	0	
13723	13770	258.56	300	100	55.35	0.01	0	
13724	13771	32.97	200	100	25.58	0.01	0	
13725	13772	144.27	300	100	1,486.58	0.24	0.4	
13726	13773	11.23	200	100	195.39	0.07	0.07	
13727	13775	9.42	400	100	1,822.87	0.17	0.14	
13728	13776	505.03	250	100	2,428.66	0.57	2.42	
13729	13777	99.15	200	100	224.04	0.08	0.09	
13730	13778	2.83	150	100	0.00	0	0	
13731	13779	280.52	150	100	986.97	0.65	5.5	
13732	13780	158.23	80	100	17.67	0.04	0.07	
13733	13781	513.13	200	100	1,822.86	0.67	4.22	
13734	13782	95.08	200	100	76.62	0.03	0.01	
13735	13783	97.75	400	100	1,302.69	0.12	0.08	
13736	13784	166.71	100	100	22.78	0.03	0.04	
13737	13785	21.45	80	100	22.86	0.05	0.11	
13738	13787	8.95	400	100	2,150.18	0.2	0.2	
13739	13788	360.51	100	100	0.00	0	0	
13740	13790	431.55	300	100	1,304.33	0.21	0.31	
13741	13791	277.16	100	100	5.11	0.01	0	
13742	13792	149.55	100	100	0.39	0	0	
13743	13793	542.48	100	100	4.09	0.01	0	
13744	13794	89.78	100	100	5.12	0.01	0	
13745	13795	614.8	100	100	13.63	0.02	0.01	
13746	13797	604.05	100	100	52.13	0.08	0.17	
13747	13798	238.29	100	100	84.03	0.12	0.41	
13748	13799	2.76	200	100	670.36	0.25	0.66	
13749	13800	202.09	100	100	39.50	0.06	0.1	
13750	13801	70.96	80	100	7.23	0.02	0.01	
13751	13802	527.61	100	100	20.32	0.03	0.03	
13752	13803	198.77	80	100	36.73	0.08	0.26	
13753	13804	141.79	150	100	293.89	0.19	0.58	
13754	13805	135.08	250	100	1,058.26	0.25	0.52	
13755	13806	281.09	80	100	35.58	0.08	0.25	
13756	13807	122.52	300	100	1,161.49	0.19	0.25	
13757	13808	305.94	100	100	26.55	0.04	0.05	
13758	13809	133.45	150	100	38.80	0.03	0.01	
13759	13810	161.8	100	100	1.28	0	0	
13760	13811	7.48	150	100	61.83	0.04	0.03	
13761	13812	40.34	80	100	12.43	0.03	0.04	
13762	13813	28.29	80	100	1.01	0	0	
13763	13814	43.2	80	100	19.41	0.04	0.08	
13764	13815	54.17	100	100	73.25	0.11	0.32	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
13765	13816	73.75	100	100	124.74	0.18	0.86	
13766	13817	24.74	80	100	49.25	0.11	0.46	
13767	13818	18.9	100	100	146.05	0.22	1.15	
13768	13819	226.61	300	100	2,002.30	0.33	0.7	
13769	13820	26.94	100	100	109.92	0.16	0.68	
13770	13821	50.25	100	100	102.28	0.15	0.6	
13771	13822	81.91	100	100	129.87	0.19	0.93	
13772	13823	28.77	200	100	662.29	0.24	0.65	
13773	13824	153.51	100	100	40.14	0.06	0.11	
13774	13825	37.4	200	100	560.55	0.21	0.48	
13775	13826	169.25	100	100	42.58	0.06	0.12	
13776	13827	184.06	100	100	17.61	0.03	0.02	
13777	13828	44.3	200	100	617.90	0.23	0.57	
13778	13829	61.15	200	100	611.26	0.23	0.56	
13779	13830	200.84	100	100	5.28	0.01	0	
13780	13831	60.26	100	100	99.95	0.15	0.57	
13781	13832	221.74	100	100	6.35	0.01	0	
13782	13833	61.64	200	100	600.59	0.22	0.54	
13783	13834	26.43	100	100	23.00	0.03	0.04	
13784	13835	177.1	100	100	32.46	0.05	0.07	
13785	13836	37.38	100	100	59.75	0.09	0.22	
13786	13837	83.07	100	100	45.50	0.07	0.13	
13787	13838	20.93	200	100	551.56	0.2	0.46	
13788	13839	79.51	300	100	2,025.29	0.33	0.71	
13789	13840	33.1	300	100	2,078.41	0.34	0.75	
13790	13841	167.18	300	100	919.58	0.15	0.16	
13791	13842	42.27	100	100	43.81	0.06	0.12	
13792	13843	141.31	100	100	66.54	0.1	0.27	
13793	13844	47.71	200	100	457.02	0.17	0.33	
13794	13845	45.95	100	100	50.52	0.07	0.16	
13795	13846	53.69	100	100	50.75	0.07	0.16	
13796	13847	135.53	100	100	14.19	0.02	0.02	
13797	13848	56.42	100	100	47.32	0.07	0.14	
13798	13849	53.83	100	100	17.32	0.03	0.02	
13799	13850	99.85	100	100	63.31	0.09	0.24	
13800	13851	103.14	100	100	44.09	0.06	0.13	
13801	13852	54.17	100	100	61.04	0.09	0.23	
13802	13853	43.21	200	100	324.21	0.12	0.17	
13803	13854	115.98	100	100	11.28	0.02	0.01	
13804	13855	58.76	200	100	274.76	0.1	0.13	
13805	13856	97.68	100	100	22.03	0.03	0.03	
13806	13857	53.02	200	100	297.44	0.11	0.15	
13807	13858	63.99	100	100	15.59	0.02	0.02	
13808	13859	11.84	200	100	1,090.84	0.4	1.63	
13809	13860	1.25	400	100	19.55	0	0	
13810	13861	192.41	80	100	73.19	0.17	0.95	
13811	13862	230.15	80	100	40.23	0.09	0.31	
13812	13863	46.25	200	100	647.18	0.24	0.62	
13813	13864	77.72	80	100	0.00	0	0	
13814	13865	289.18	400	100	19.55	0	0	
13815	13866	329.81	100	100	17.22	0.03	0.02	
13816	13867	4.36	400	100	0.00	0	0	
13817	13868	3.12	400	100	0.00	0	0	
13818	13869	901.03	200	100	485.72	0.18	0.36	
13819	13870	1623.28	200	100	467.39	0.17	0.34	
13820	13871	38.78	150	100	86.06	0.06	0.06	
13821	13872	1,013.69	150	100	462.05	0.3	1.35	
13822	13873	303.88	80	100	29.04	0.07	0.17	
13823	13874	515.05	80	100	19.91	0.05	0.09	
13824	13875	246.23	150	100	66.35	0.04	0.04	
13825	13876	688.01	100	100	5.29	0.01	0	
13826	13877	32.24	80	100	0.00	0	0	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
13827	13878	92.53	100	100	32.63	0.05	0.07	
13828	13879	10.1	900	100	19.957.40	0.36	0.23	
13829	13880	9.73	900	100	53.993.20	0.98	1.48	
13830	13881	226.2	900	100	44.644.66	0.81	1.04	
13831	13882	221.93	900	100	62.421.08	1.14	1.93	
13832	13883	47.61	900	100	44.444.13	0.81	1.03	
13833	13884	68.75	900	100	44.275.80	0.81	1.02	
13834	13885	271.75	900	100	54.534.08	0.99	1.5	
13835	13886	595.67	900	100	33.798.78	0.61	0.62	
13836	13887	69.09	900	100	19.746.67	0.36	0.23	
13837	13888	243.08	900	100	45.218.11	0.82	1.06	
13838	13889	113.7	900	100	54.320.74	0.99	1.49	
13839	13890	191.04	900	100	47.534.88	0.86	1.16	
13840	13891	398.37	900	100	52.703.85	0.96	1.41	
13841	13892	195.36	900	100	54.095.41	0.98	1.48	
13842	13893	469.99	900	100	51.922.32	0.94	1.37	
13843	13894	53.2	900	100	53.149.52	0.97	1.43	
13844	13895	178.35	900	100	34.599.20	0.63	0.65	
13845	13896	305.86	80	100	4.56	0.01	0.01	
13846	13897	105.57	80	100	9.92	0.02	0.02	
13847	13898	818.26	80	100	2.31	0.01	0	
13848	13899	565.53	80	100	9.03	0.02	0.02	
13849	13900	812.99	80	100	0.98	0	0	
13850	13901	145.78	80	100	2.58	0.01	0	
13851	13902	148	80	100	16.51	0.04	0.06	
13852	13903	119.84	80	100	14.90	0.03	0.05	
13853	13904	133.91	80	100	79.78	0.18	1.11	
13854	13905	69.34	80	100	129.68	0.3	2.74	
13855	13906	67.15	80	100	72.37	0.17	0.93	
13856	13907	116.97	80	100	0.91	0	0	
13857	13908	93.96	80	100	95.77	0.22	1.56	
13858	13909	50.01	80	100	17.76	0.04	0.07	
13859	13910	75.41	80	100	23.03	0.05	0.11	
13860	13911	149	80	100	18.91	0.04	0.08	
13861	13912	44.55	80	100	0.00	0	0	
13862	13913	112.79	80	100	31.01	0.07	0.19	
13863	13914	460.03	80	100	47.40	0.11	0.42	
13864	13915	154.25	80	100	6.08	0.01	0.01	
13865	13916	15.75	80	100	0.00	0	0	
13866	13917	33.23	80	100	36.59	0.08	0.26	
13867	13918	102.39	80	100	10.20	0.02	0.02	
13868	13919	64.68	80	100	278.48	0.64	11.28	
13869	13920	98	80	100	21.67	0.05	0.1	
13870	13921	47.77	80	100	27.73	0.06	0.16	
13871	13922	61.93	80	100	1.27	0	0	
13872	13923	41.06	80	100	46.24	0.11	0.41	
13873	13924	36.33	80	100	35.22	0.08	0.25	
13874	13925	32.87	80	100	30.85	0.07	0.19	
13875	13926	42.25	80	100	47.46	0.11	0.43	
13876	13927	94.61	80	100	35.37	0.08	0.25	
13877	13928	67.35	80	100	2.35	0.01	0	
13878	13929	50.21	80	100	15.77	0.04	0.06	
13879	13930	40.43	80	100	26.51	0.06	0.14	
13880	13931	99.19	80	100	20.34	0.05	0.09	
13881	13932	125.3	80	100	3.24	0.01	0	
13882	13933	46.98	80	100	5.58	0.01	0.01	
13883	13934	66.3	80	100	29.62	0.07	0.18	
13884	13935	45.16	80	100	122.42	0.28	2.46	
13885	13936	62.97	80	100	7.41	0.02	0.01	
13886	13937	512.1	80	100	34.70	0.08	0.24	
13887	13938	93.54	80	100	57.87	0.13	0.61	
13888	13939	87.15	80	100	31.47	0.07	0.2	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
13889	13940	44.76	80	100	51.33	0.12	0.49	
13890	13941	47.08	80	100	24.53	0.06	0.13	
13891	13942	44.36	80	100	62.06	0.14	0.7	
13892	13943	208.19	80	100	2.92	0.01	0	
13893	13944	148.35	80	100	136.26	0.31	3	
13894	13945	118.72	80	100	35.70	0.08	0.25	
13895	13946	930.96	80	100	66.40	0.15	0.79	
13896	13947	1200.89	80	100	23.29	0.05	0.11	
13897	13948	2164.26	80	100	17.37	0.04	0.07	
13898	13949	135.88	80	100	95.29	0.22	1.55	
13899	13950	9692.67	80	100	23.26	0.05	0.11	
13900	13951	761.7	80	100	7.86	0.02	0.02	
13901	13952	243.67	100	100	191.29	0.28	1.9	
13902	13953	139.8	80	100	1.11	0	0	
13903	13954	207.23	80	100	5.89	0.01	0.01	
13904	13955	70.28	80	100	17.34	0.04	0.07	
13905	13956	134.57	80	100	13.55	0.03	0.04	
13906	13957	72.58	80	100	17.00	0.04	0.06	
13907	13958	61.82	80	100	20.98	0.05	0.09	
13908	13959	44.87	80	100	8.40	0.02	0.02	
13909	13960	149.49	80	100	45.98	0.11	0.4	
13910	13961	78.13	80	100	27.21	0.06	0.15	
13911	13962	204.23	80	100	29.78	0.07	0.18	
13912	13963	3.74	80	100	48.38	0.11	0.44	
13913	13964	136.01	80	100	41.45	0.1	0.33	
13914	13965	216.24	80	100	69.55	0.16	0.86	
13915	13966	69.53	80	100	369.67	0.85	19.07	
13916	13967	235.75	80	100	111.68	0.26	2.08	
13917	13968	87.73	80	100	3.56	0.01	0	
13918	13969	133.96	80	100	6.97	0.02	0.01	
13919	13970	92.8	80	100	13.21	0.03	0.04	
13920	13971	128.04	80	100	8.10	0.02	0.02	
13921	13972	112.42	80	100	33.20	0.08	0.22	
13922	13973	64.8	80	100	48.96	0.11	0.45	
13923	13974	44.66	80	100	77.51	0.18	1.06	
13924	13975	112.6	80	100	0.46	0	0	
13925	13976	64.56	80	100	39.25	0.09	0.3	
13926	13977	85.79	80	100	15.76	0.04	0.06	
13927	13978	34.16	80	100	78.85	0.18	1.09	
13928	13979	86.27	80	100	57.07	0.13	0.6	
13929	13980	112.82	80	100	5.70	0.01	0.01	
13930	13981	57.73	80	100	118.59	0.27	2.32	
13931	13982	49.77	80	100	9.77	0.02	0.02	
13932	13983	80.44	80	100	133.67	0.31	2.9	
13933	13984	72.82	80	100	52.58	0.12	0.51	
13934	13985	135.89	80	100	63.98	0.15	0.74	
13935	13986	151.5	80	100	94.74	0.22	1.53	
13936	13987	93.18	80	100	36.46	0.08	0.26	
13937	13988	330.25	80	100	47.95	0.11	0.43	
13938	13989	97.85	80	100	1.23	0	0	
13939	13990	231.24	80	100	1.23	0	0	
13940	13991	417.01	80	100	54.60	0.13	0.55	
13941	13992	315.47	80	100	40.41	0.09	0.32	
13942	13993	394.45	700	100	4,316.58	0.13	0.05	
13943	13994	77.05	700	100	4,082.55	0.12	0.04	
13944	13995	614.62	700	100	12,190.59	0.37	0.32	
13945	13996	472.36	700	100	25,272.50	0.76	1.23	
13946	13997	114.79	700	100	26,216.17	0.79	1.32	
13947	13998	537.44	700	100	21,595.67	0.65	0.92	
13948	13999	36.68	700	100	27,304.39	0.82	1.42	
13949	14000	585.88	600	100	17,954.12	0.73	1.38	
13950	14001	864.8	600	100	10,000.33	0.41	0.47	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
13951	14002	76.4	600	100	7.850.16	0.32	0.3	
13952	14003	46.9	600	100	13.730.30	0.56	0.84	
13953	14004	101.3	600	100	19.245.06	0.79	1.57	
13954	14005	149.68	600	100	15.225.72	0.62	1.02	
13955	14006	123.09	600	100	15.902.63	0.65	1.1	
13956	14007	403.65	600	100	9.578.08	0.39	0.43	
13957	14008	142.81	600	100	22.968.96	0.94	2.18	
13958	14009	290.98	600	100	19.817.83	0.81	1.66	
13959	14010	281.81	600	100	17.766.90	0.73	1.36	
13960	14011	375.52	600	100	21.329.53	0.87	1.9	
13961	14012	167.46	600	100	15.152.77	0.62	1.01	
13962	14013	93.54	600	100	19.673.53	0.81	1.64	
13963	14014	88.19	600	100	23.242.56	0.95	2.23	
13964	14015	9.01	600	100	2.860.30	0.12	0.05	
13965	14016	15.08	600	100	1.239.49	0.05	0.01	
13966	14017	321.39	600	100	1.336.54	0.05	0.01	
13967	14018	117.59	600	100	4.102.38	0.17	0.09	
13968	14019	152.57	600	100	4.287.17	0.18	0.1	
13969	14020	45.94	600	100	19.999.58	0.82	1.69	
13970	14021	471.98	600	100	161.71	0.01	0	
13971	14022	76.33	600	100	2.027.31	0.08	0.02	
13972	14023	132.97	600	100	13.484.55	0.55	0.81	
13973	14024	416.11	600	100	16.602.72	0.68	1.2	
13974	14025	120.75	600	100	7.027.26	0.29	0.24	
13975	14026	193.54	600	100	23.140.56	0.95	2.21	
13976	14027	62.91	600	100	19.201.49	0.79	1.57	
13977	14028	21.66	600	100	19.295.31	0.79	1.58	
13978	14029	260.64	600	100	9.810.95	0.4	0.45	
13979	14030	45.37	600	100	13.718.49	0.56	0.84	
13980	14031	206.71	600	100	15.014.78	0.61	0.99	
13981	14032	299.06	600	100	17.807.69	0.73	1.36	
13982	14033	165	600	100	5.332.70	0.22	0.15	
13983	14034	295.62	600	100	9.988.71	0.41	0.47	
13984	14035	346.68	600	100	17.327.32	0.71	1.3	
13985	14036	18.89	600	100	18.737.44	0.77	1.5	
13986	14037	100.8	600	100	17.660.01	0.72	1.34	
13987	14038	283.79	600	100	18.379.38	0.75	1.44	
13988	14039	32.29	600	100	19.768.94	0.81	1.65	
13989	14040	278.02	600	100	21.732.60	0.89	1.97	
13990	14041	464.36	600	100	13.914.50	0.57	0.86	
13991	14042	36.53	600	100	22.660.58	0.93	2.13	
13992	14043	53.78	600	100	16.222.93	0.66	1.15	
13993	14044	213.13	600	100	24.256.53	0.99	2.42	
13994	14045	108.54	600	100	34.631.34	1.42	4.67	
13995	14046	106.58	600	100	9.037.08	0.37	0.39	
13996	14047	46.95	500	100	3.706.48	0.22	0.18	
13997	14048	39.71	500	100	4.769.98	0.28	0.29	
13998	14049	157.71	500	100	4.329.07	0.26	0.24	
13999	14050	283.91	500	100	4.276.96	0.25	0.24	
14000	14051	280.89	500	100	3.973.05	0.23	0.21	
14001	14052	1187.91	400	100	1.688.70	0.16	0.13	
14002	14053	329.82	400	100	4.838.26	0.45	0.88	
14003	14054	164.19	400	100	4.368.27	0.4	0.73	
14004	14055	23.26	400	100	3.952.32	0.36	0.6	
14005	14056	202.52	400	100	35.95	0	0	
14006	14057	64.57	400	100	3.790.00	0.35	0.56	
14007	14058	6.6	400	100	5.639.13	0.52	1.17	
14008	14059	71.07	400	100	2.255.79	0.21	0.21	
14009	14060	322.63	400	100	7.097.34	0.65	1.79	
14010	14061	16.14	400	100	2.292.02	0.21	0.22	
14011	14062	49.6	400	100	2.368.47	0.22	0.23	
14012	14063	216.76	400	100	1.547.34	0.14	0.11	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
14013	14064	153.64	400	100	2,371.48	0.22	0.23	
14014	14065	32.82	400	100	163.14	0.02	0	
14015	14066	93.16	400	100	1,441.69	0.13	0.09	
14016	14067	90.6	400	100	2,081.14	0.19	0.18	
14017	14068	454.94	400	100	2,189.49	0.2	0.2	
14018	14069	27.99	400	100	11,388.93	1.05	4.29	
14019	14070	29.8	400	100	10,453.94	0.96	3.66	
14020	14071	52.92	400	100	2,948.05	0.27	0.35	
14021	14072	41.18	400	100	2,555.41	0.24	0.27	
14022	14073	102.33	400	100	5,039.49	0.46	0.95	
14023	14074	103.2	400	100	2,241.50	0.21	0.21	
14024	14075	165.87	400	100	2,318.82	0.21	0.23	
14025	14076	57.92	400	100	2,517.15	0.23	0.26	
14026	14077	60.19	400	100	5,436.76	0.5	1.09	
14027	14078	211.14	400	100	4,919.23	0.45	0.91	
14028	14079	181.17	400	100	1,632.19	0.15	0.12	
14029	14080	87.44	400	100	1,870.50	0.17	0.15	
14030	14081	29.21	400	100	0.00	0	0	
14031	14082	305.05	400	100	2,782.58	0.26	0.32	
14032	14083	64.22	400	100	1,619.65	0.15	0.12	
14033	14084	40.87	400	100	2,077.59	0.19	0.18	
14034	14085	84.62	400	100	2,972.01	0.27	0.36	
14035	14086	33.55	400	100	2,541.83	0.23	0.27	
14036	14087	52.81	400	100	2,928.82	0.27	0.35	
14037	14088	103.28	400	100	3,076.71	0.28	0.38	
14038	14089	64.81	400	100	2,990.43	0.28	0.36	
14039	14090	110.95	400	100	2,645.47	0.24	0.29	
14040	14091	16.63	400	100	2,933.79	0.27	0.35	
14041	14092	238	400	100	4,701.89	0.43	0.83	
14042	14093	515.09	400	100	2,647.90	0.24	0.29	
14043	14094	111.62	400	100	3,133.51	0.29	0.39	
14044	14095	183.87	400	100	1,915.52	0.18	0.16	
14045	14096	215.98	400	100	0.00	0	0	
14046	14097	12.6	150	100	0.00	0	0	
14047	14098	92.14	400	100	5,200.47	0.48	1	
14048	14099	474.51	400	100	2,530.83	0.23	0.26	
14049	14100	164.06	400	100	3,290.95	0.3	0.43	
14050	14101	422.32	400	100	4,368.27	0.4	0.73	
14051	14102	60.94	400	100	1,345.57	0.12	0.08	
14052	14103	517.43	400	100	5,067.42	0.47	0.96	
14053	14104	62.08	400	100	5,226.50	0.48	1.01	
14054	14105	19.52	400	100	534.80	0.05	0.01	
14055	14106	13.24	400	100	1,382.68	0.13	0.09	
14056	14107	190.24	400	100	4,467.03	0.41	0.76	
14057	14108	464.09	400	100	3,763.71	0.35	0.55	
14058	14109	560.91	400	100	2,442.75	0.22	0.25	
14059	14110	139.99	400	100	2,371.50	0.22	0.23	
14060	14111	22.75	400	100	162.03	0.01	0	
14061	14112	22.78	400	100	1,302.43	0.12	0.08	
14062	14113	148.87	400	100	5,386.52	0.5	1.07	
14063	14114	109.04	300	100	7,249.33	1.19	7.55	
14064	14115	47.99	300	100	431.96	0.07	0.04	
14065	14116	127.12	300	100	65.19	0.01	0	
14066	14117	266.5	100	100	28.14	0.04	0.05	
14067	14118	153.27	300	100	464.58	0.08	0.05	
14068	14119	46.53	300	100	892.26	0.15	0.16	
14069	14120	117.28	300	100	2,112.54	0.35	0.77	
14070	14121	1475.23	300	100	4,368.27	0.72	2.95	
14071	14122	166.55	300	100	2,518.65	0.41	1.07	
14072	14123	131.51	300	100	3,363.84	0.55	1.82	
14073	14124	25.55	300	100	666.33	0.11	0.09	
14074	14125	120.97	300	100	0.62	0	0	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
14075	14126	9.94	300	100	234.03	0.04	0.01	
14076	14127	30.74	300	100	1,410.53	0.23	0.36	
14077	14128	95.18	300	100	1,238.83	0.2	0.29	
14078	14129	124.81	300	100	1,677.54	0.27	0.5	
14079	14130	165.37	300	100	711.54	0.12	0.1	
14080	14131	161.67	300	100	1,803.81	0.3	0.57	
14081	14132	40.72	300	100	1,691.38	0.28	0.51	
14082	14133	52.46	300	100	112.81	0.02	0	
14083	14134	79.64	300	100	112.81	0.02	0	
14084	14135	51.18	300	100	38.10	0.01	0	
14085	14136	39.4	300	100	91.72	0.02	0	
14086	14137	45.61	300	100	26.78	0	0	
14087	14138	840.14	200	100	270.01	0.1	0.12	
14088	14139	89.46	300	100	1,987.52	0.33	0.69	
14089	14140	207.63	300	100	2,697.15	0.44	1.21	
14090	14141	154.41	300	100	3,215.08	0.53	1.67	
14091	14142	79.75	300	100	1,985.45	0.33	0.69	
14092	14143	331.64	300	100	3,092.28	0.51	1.56	
14093	14144	741.87	300	100	115.87	0.02	0	
14094	14145	5.09	300	100	54.04	0.01	0	
14095	14146	47.95	300	100	8,166.43	1.34	9.41	
14096	14147	146.32	300	100	35.12	0.01	0	
14097	14148	67.67	300	100	1,499.14	0.25	0.41	
14098	14149	54.83	300	100	1,749.14	0.29	0.54	
14099	14150	78.34	300	100	176.80	0.03	0.01	
14100	14151	37.89	300	100	2,900.79	0.47	1.38	
14101	14152	56.05	300	100	1,532.54	0.25	0.42	
14102	14153	72.45	300	100	1,360.25	0.22	0.34	
14103	14154	6.6	300	100	1,951.13	0.32	0.66	
14104	14155	35.02	300	100	2,279.82	0.37	0.89	
14105	14156	52.72	300	100	2,371.72	0.39	0.95	
14106	14157	25.66	300	100	1,421.75	0.23	0.37	
14107	14158	70.85	300	100	909.29	0.15	0.16	
14108	14159	34.52	300	100	2,205.67	0.36	0.83	
14109	14160	10.23	300	100	98.62	0.02	0	
14110	14161	96.84	300	100	2,511.64	0.41	1.06	
14111	14162	46.53	300	100	2,163.84	0.35	0.8	
14112	14163	52.18	300	100	2,813.94	0.46	1.31	
14113	14164	7.69	300	100	1,918.24	0.31	0.64	
14114	14165	38.72	300	100	1,802.22	0.3	0.57	
14115	14166	33.08	300	100	2,309.70	0.38	0.91	
14116	14167	133.84	300	100	2,153.59	0.35	0.8	
14117	14168	41.27	300	100	2,644.11	0.43	1.17	
14118	14169	43.63	300	100	2,761.90	0.45	1.26	
14119	14170	38.5	300	100	2,278.84	0.37	0.89	
14120	14171	129.99	300	100	933.65	0.15	0.17	
14121	14172	51.04	300	100	1,979.89	0.32	0.68	
14122	14173	98.72	300	100	966.60	0.16	0.18	
14123	14174	13.7	300	100	3,533.27	0.58	1.99	
14124	14175	19.76	300	100	2,895.41	0.47	1.38	
14125	14176	217.26	300	100	3,813.06	0.62	2.3	
14126	14177	71.67	300	100	3,566.10	0.58	2.03	
14127	14178	118.98	300	100	3,752.88	0.61	2.23	
14128	14179	80.93	300	100	1,687.90	0.28	0.51	
14129	14180	6.76	300	100	1,443.14	0.24	0.38	
14130	14181	110.6	300	100	1,787.78	0.29	0.56	
14131	14182	3.99	300	100	943.66	0.15	0.17	
14132	14183	36.86	300	100	2,414.74	0.4	0.99	
14133	14184	33.59	300	100	2,545.76	0.42	1.09	
14134	14185	112.17	300	100	164.84	0.03	0.01	
14135	14186	26.29	300	100	177.21	0.03	0.01	
14136	14187	141.82	300	100	1,052.93	0.17	0.21	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
14137	14188	66.55	300	100	96.30	0.02	0	
14138	14189	179.07	300	100	27.59	0	0	
14139	14190	73.98	300	100	1,129.84	0.18	0.24	
14140	14191	77.91	100	100	1.48	0	0	
14141	14192	427.17	300	100	1,327.14	0.22	0.33	
14142	14193	6.56	300	100	723.26	0.12	0.11	
14143	14194	85.37	300	100	1,477.26	0.24	0.4	
14144	14195	49.68	300	100	2,865.37	0.47	1.35	
14145	14196	75.28	300	100	241.78	0.04	0.01	
14146	14197	72.1	300	100	207.28	0.03	0.01	
14147	14198	54.84	300	100	2,316.77	0.38	0.91	
14148	14199	88.04	300	100	102.21	0.02	0	
14149	14200	171.75	300	100	48.27	0.01	0	
14150	14201	84.89	300	100	372.62	0.06	0.03	
14151	14202	24.88	300	100	725.09	0.12	0.11	
14152	14203	109.9	300	100	1,588.84	0.26	0.45	
14153	14204	9.63	300	100	1,227.20	0.2	0.28	
14154	14205	107.14	300	100	351.03	0.06	0.03	
14155	14206	197.81	300	100	0.00	0	0	
14156	14207	276.12	300	100	2,775.87	0.45	1.28	
14157	14208	417.69	300	100	74.42	0.01	0	
14158	14209	27.23	300	100	6,043.65	0.99	5.39	
14159	14210	333.68	300	100	1,694.21	0.28	0.51	
14160	14211	17.71	300	100	3,209.88	0.53	1.67	
14161	14212	134.13	300	100	0.00	0	0	
14162	14213	76.93	250	100	7,249.33	1.71	18.34	
14163	14214	37.45	250	100	2,656.24	0.63	2.86	
14164	14215	35.55	250	100	2,385.96	0.56	2.34	
14165	14216	30.53	250	100	2,556.67	0.6	2.66	
14166	14217	55.57	250	100	3,086.19	0.73	3.77	
14167	14218	44.79	250	100	4,726.38	1.11	8.31	
14168	14219	121.31	250	100	1,177.83	0.28	0.63	
14169	14220	35.38	200	100	602.10	0.22	0.54	
14170	14221	3.82	250	100	1,357.81	0.32	0.83	
14171	14222	68.52	250	100	978.42	0.23	0.45	
14172	14223	68.37	250	100	976.55	0.23	0.45	
14173	14224	102.44	250	100	1,068.37	0.25	0.53	
14174	14225	469.92	250	100	1,293.03	0.3	0.75	
14175	14226	360.35	250	100	4,729.50	1.12	8.32	
14176	14227	80.03	250	100	27.62	0.01	0	
14177	14228	56.43	250	100	165.44	0.04	0.02	
14178	14229	334.12	250	100	7,249.32	1.71	18.34	
14179	14230	47.83	250	100	53.48	0.01	0	
14180	14231	52.77	200	100	388.72	0.14	0.24	
14181	14232	217.67	200	100	526.43	0.19	0.42	
14182	14233	45.6	200	100	601.69	0.22	0.54	
14183	14234	52.73	200	100	342.95	0.13	0.19	
14184	14235	54.07	200	100	155.92	0.06	0.04	
14185	14236	36.02	200	100	726.20	0.27	0.77	
14186	14237	103.63	200	100	726.20	0.27	0.77	
14187	14238	272.73	200	100	47.92	0.02	0.01	
14188	14239	16.45	200	100	600.90	0.22	0.54	
14189	14240	23.25	200	100	684.11	0.25	0.69	
14190	14241	359.06	200	100	22.14	0.01	0	
14191	16688	291.19	200	100	24.68	0.01	0	
14192	14242	32.09	200	100	1,169.32	0.43	1.85	
14193	14243	93.64	200	100	1,169.78	0.43	1.86	
14194	14244	132.24	200	100	293.61	0.11	0.14	
14195	14245	288.22	200	100	820.55	0.3	0.96	
14196	14246	104.92	200	100	534.74	0.2	0.44	
14197	14247	71.5	200	100	108.87	0.04	0.02	
14198	14248	38.24	200	100	52.49	0.02	0.01	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
14199	14249	258.29	200	100	202.61	0.07	0.07	
14200	14250	72.3	200	100	959.24	0.35	1.28	
14201	14251	17.11	200	100	692.61	0.26	0.7	
14202	14252	137.61	200	100	1,413.45	0.52	2.63	
14203	14253	58.08	200	100	32.41	0.01	0	
14204	14254	57.67	200	100	279.80	0.1	0.13	
14205	14255	125.08	200	100	36.04	0.01	0	
14206	14256	148.07	200	100	835.92	0.31	1	
14207	14257	141.95	200	100	662.59	0.24	0.65	
14208	14258	43.01	200	100	437.77	0.16	0.3	
14209	14259	66.19	200	100	219.95	0.08	0.08	
14210	14260	107.69	200	100	1,041.95	0.38	1.5	
14211	14261	26.74	200	100	431.75	0.16	0.29	
14212	14262	81.32	200	100	372.14	0.14	0.22	
14213	14263	114.56	200	100	41.23	0.02	0	
14214	14264	150.22	200	100	559.34	0.21	0.47	
14215	14265	90.95	200	100	725.50	0.27	0.77	
14216	14266	56.57	200	100	601.95	0.22	0.54	
14217	14267	70.75	200	100	471.86	0.17	0.35	
14218	14268	59.22	200	100	503.87	0.19	0.39	
14219	14269	94.83	200	100	70.30	0.03	0.01	
14220	14270	148.05	200	100	1,290.33	0.48	2.22	
14221	14271	122.36	200	100	1,425.32	0.53	2.68	
14222	14272	64.24	200	100	796.13	0.29	0.91	
14223	14273	125.96	200	100	601.04	0.22	0.54	
14224	14274	80.82	200	100	394.11	0.15	0.25	
14225	14275	21	200	100	1,499.66	0.55	2.94	
14226	14276	42.95	200	100	1,631.84	0.6	3.44	
14227	14277	125.31	200	100	228.15	0.08	0.09	
14228	14278	203.59	200	100	1,274.44	0.47	2.17	
14229	14279	63.31	200	100	649.24	0.24	0.62	
14230	14280	95.94	200	100	345.94	0.13	0.19	
14231	14281	54.87	200	100	1,997.92	0.74	5	
14232	14282	63.72	200	100	934.87	0.34	1.22	
14233	14283	41.6	200	100	1,274.39	0.47	2.17	
14234	14284	25.21	200	100	1,158.36	0.43	1.82	
14235	14285	57.09	200	100	1,865.92	0.69	4.41	
14236	14286	153.46	200	100	1,644.57	0.61	3.49	
14237	14287	5.23	200	100	1,909.64	0.7	4.6	
14238	14288	65.76	200	100	661.46	0.24	0.65	
14239	14289	29.77	200	100	19.74	0.01	0	
14240	14290	98.14	200	100	135.61	0.05	0.03	
14241	14291	161.01	200	100	645.18	0.24	0.62	
14242	14292	27.9	200	100	856.77	0.32	1.04	
14243	14293	21.53	200	100	209.88	0.08	0.08	
14244	14294	101.25	200	100	28.44	0.01	0	
14245	14295	42.04	200	100	1,016.43	0.37	1.43	
14246	14296	126.61	200	100	432.42	0.16	0.29	
14247	14297	298.56	200	100	1,129.51	0.42	1.74	
14248	14298	132.2	200	100	29.38	0.01	0	
14249	14299	42.07	200	100	1,391.05	0.51	2.56	
14250	14300	1193.23	200	100	67.53	0.02	0.01	
14251	14301	41.74	200	100	644.53	0.24	0.62	
14252	14302	151.81	200	100	754.39	0.28	0.82	
14253	14303	11.81	200	100	89.29	0.03	0.02	
14254	14304	26.88	200	100	1,138.96	0.42	1.77	
14255	14305	26.84	100	100	0.00	0	0	
14256	14306	36.08	200	100	1,542.24	0.57	3.1	
14257	14307	93.58	200	100	945.07	0.35	1.25	
14258	14308	35.22	200	100	632.10	0.23	0.59	
14259	14309	438.45	200	100	858.28	0.32	1.05	
14260	14310	13.58	200	100	460.81	0.17	0.33	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
14261	14311	106.46	200	100	1,008.84	0.37	1.41	
14262	14312	14.17	200	100	1,451.25	0.53	2.77	
14263	14313	34.42	200	100	1,341.05	0.49	2.39	
14264	14314	209.57	200	100	951.84	0.35	1.27	
14265	14315	21.3	200	100	1,017.18	0.37	1.43	
14266	14316	62.49	200	100	479.86	0.18	0.36	
14267	14317	71.07	200	100	46.60	0.02	0	
14268	14318	66.35	200	100	251.98	0.09	0.11	
14269	14319	53.62	200	100	214.89	0.08	0.08	
14270	14320	78.69	200	100	306.26	0.11	0.16	
14271	14321	189.55	200	100	53.21	0.02	0.01	
14272	14322	51.31	200	100	625.39	0.23	0.58	
14273	14323	27.49	200	100	204.86	0.08	0.07	
14274	14324	118.19	200	100	197.53	0.07	0.07	
14275	14325	30.25	200	100	131.28	0.05	0.03	
14276	14326	845.1	200	100	354.08	0.13	0.2	
14277	14327	41.7	200	100	687.62	0.25	0.69	
14278	14328	154.54	200	100	461.92	0.17	0.33	
14279	14329	64.86	200	100	21.38	0.01	0	
14280	14330	42.48	200	100	538.46	0.2	0.44	
14281	14331	145.06	200	100	838.80	0.31	1	
14282	14332	168.56	200	100	611.89	0.23	0.56	
14283	14333	115.91	200	100	236.32	0.09	0.1	
14284	14334	4.76	200	100	238.31	0.09	0.1	
14285	14335	59.96	200	100	26.08	0.01	0	
14286	14336	25.35	200	100	79.01	0.03	0.01	
14287	14337	53.36	200	100	58.35	0.02	0.01	
14288	14338	36.49	200	100	262.45	0.1	0.12	
14289	14339	193.99	200	100	310.00	0.11	0.16	
14290	14340	59.41	200	100	649.63	0.24	0.62	
14291	14341	197.43	200	100	290.75	0.11	0.14	
14292	14342	67.96	200	100	1,147.36	0.42	1.79	
14293	14343	104.67	200	100	329.19	0.12	0.18	
14294	14344	117.89	200	100	251.52	0.09	0.11	
14295	14345	53.91	200	100	42.14	0.02	0	
14296	14346	44.82	200	100	59.73	0.02	0.01	
14297	14347	46.62	200	100	26.15	0.01	0	
14298	14348	61.86	200	100	83.65	0.03	0.01	
14299	14349	14.75	200	100	129.45	0.05	0.03	
14300	14350	6.59	200	100	368.86	0.14	0.22	
14301	14351	197.74	200	100	367.50	0.14	0.22	
14302	14352	14.55	200	100	813.00	0.3	0.95	
14303	14353	102.47	200	100	214.72	0.08	0.08	
14304	14354	13.1	200	100	376.51	0.14	0.23	
14305	14355	161.95	200	100	821.32	0.3	0.96	
14306	14356	412.15	200	100	1,043.99	0.38	1.5	
14307	14357	127.16	200	100	700.88	0.26	0.72	
14308	14358	36.06	200	100	734.97	0.27	0.78	
14309	14359	156.22	200	100	665.10	0.25	0.65	
14310	14360	20.33	200	100	1,532.45	0.56	3.06	
14311	14361	91.46	200	100	1,547.81	0.57	3.12	
14312	14362	43.66	200	100	345.35	0.13	0.19	
14313	14363	75.8	200	100	970.04	0.36	1.31	
14314	14364	89.23	200	100	962.87	0.35	1.29	
14315	14365	49.73	200	100	122.91	0.05	0.03	
14316	14366	29.59	200	100	593.68	0.22	0.53	
14317	14367	95.47	200	100	387.13	0.14	0.24	
14318	14368	21.86	200	100	602.33	0.22	0.54	
14319	14369	53.3	200	100	849.16	0.31	1.03	
14320	14370	107.25	200	100	53.67	0.02	0.01	
14321	14371	63.71	200	100	14.21	0.01	0	
14322	14372	78.77	200	100	1,228.17	0.45	2.03	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
14323	14373	138.96	200	100	139.00	0.05	0.04	
14324	14374	142.5	200	100	84.00	0.03	0.01	
14325	14375	8.66	200	100	63.17	0.02	0.01	
14326	14376	48.75	200	100	344.91	0.13	0.19	
14327	14377	56.82	200	100	50.64	0.02	0.01	
14328	14378	48.84	200	100	38.56	0.01	0	
14329	14379	114.17	200	100	216.99	0.08	0.08	
14330	14380	147.8	200	100	27.14	0.01	0	
14331	14381	192.52	200	100	208.78	0.08	0.08	
14332	14382	117.26	200	100	199.18	0.07	0.07	
14333	14383	77.38	200	100	628.79	0.23	0.59	
14334	14384	36.42	200	100	51.57	0.02	0.01	
14335	14385	46.75	200	100	23.08	0.01	0	
14336	14386	128.52	200	100	561.09	0.21	0.48	
14337	14387	83.97	200	100	791.42	0.29	0.9	
14338	14388	61.48	200	100	761.71	0.28	0.84	
14339	14389	49.13	200	100	509.30	0.19	0.4	
14340	14390	16.13	200	100	475.55	0.18	0.35	
14341	14391	177.74	200	100	561.94	0.21	0.48	
14342	14392	271.67	200	100	106.17	0.04	0.02	
14343	14393	58.18	200	100	863.32	0.32	1.06	
14344	14394	73.01	200	100	1,245.17	0.46	2.08	
14345	14395	81.7	200	100	1,034.94	0.38	1.48	
14346	14396	57.53	200	100	876.62	0.32	1.09	
14347	14397	47.75	200	100	1,146.62	0.42	1.79	
14348	14398	51.32	200	100	775.12	0.29	0.87	
14349	14399	98.9	200	100	861.67	0.32	1.05	
14350	14400	42.94	200	100	835.96	0.31	1	
14351	14401	142.73	200	100	793.75	0.29	0.9	
14352	14402	294.99	200	100	399.37	0.15	0.25	
14353	14403	165.64	200	100	873.04	0.32	1.08	
14354	14404	102.5	200	100	1,028.51	0.38	1.46	
14355	14405	485.59	200	100	532.97	0.2	0.43	
14356	14406	35.24	200	100	547.92	0.2	0.46	
14357	14407	68.35	200	100	1,013.44	0.37	1.42	
14358	14408	213.99	200	100	724.20	0.27	0.76	
14359	14409	40.44	200	100	834.57	0.31	0.99	
14360	14410	46.55	200	100	1,135.00	0.42	1.75	
14361	14411	52.75	200	100	29.28	0.01	0	
14362	14412	91.97	200	100	232.71	0.09	0.09	
14363	14413	81.47	200	100	242.78	0.09	0.1	
14364	14414	47.05	200	100	2,239.91	0.83	6.18	
14365	14415	102.48	200	100	841.65	0.31	1.01	
14366	14416	46.37	200	100	989.24	0.36	1.36	
14367	14417	182.22	200	100	998.92	0.37	1.38	
14368	14418	40.41	200	100	111.47	0.04	0.02	
14369	14419	72.94	200	100	1,118.21	0.41	1.71	
14370	14420	256.05	200	100	774.31	0.29	0.86	
14371	14421	129.95	200	100	435.29	0.16	0.3	
14372	14422	84.5	200	100	645.95	0.24	0.62	
14373	14423	36.95	200	100	352.04	0.13	0.2	
14374	14424	60.28	200	100	666.61	0.25	0.65	
14375	14425	40.52	200	100	235.66	0.09	0.1	
14376	14426	51.68	200	100	668.98	0.25	0.66	
14377	14427	81.23	200	100	632.73	0.23	0.59	
14378	14428	80.41	200	100	5.32	0	0	
14379	14429	95.02	200	100	59.27	0.02	0.01	
14380	14430	63.96	200	100	2,541.78	0.94	7.81	
14381	14431	59.35	200	100	142.78	0.05	0.04	
14382	14432	58.26	200	100	44.73	0.02	0	
14383	14433	81.9	200	100	281.57	0.1	0.13	
14384	14434	114.51	200	100	167.72	0.06	0.05	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
14385	14435	99.73	200	100	302.53	0.11	0.15	
14386	14436	104.43	200	100	171.55	0.06	0.05	
14387	14437	95.02	200	100	314.35	0.12	0.16	
14388	14438	88.76	200	100	240.01	0.09	0.1	
14389	14439	27.02	200	100	541.42	0.2	0.45	
14390	14440	80.22	200	100	297.43	0.11	0.15	
14391	14441	44.34	200	100	172.18	0.06	0.05	
14392	14442	33.42	200	100	387.14	0.14	0.24	
14393	14443	58.98	200	100	359.14	0.13	0.21	
14394	14444	25.92	200	100	540.15	0.2	0.44	
14395	14445	27.23	200	100	516.97	0.19	0.41	
14396	14446	55.25	200	100	981.83	0.36	1.34	
14397	14447	72.81	150	100	1,295.19	0.85	9.1	
14398	14448	1165.41	200	100	59.00	0.02	0.01	
14399	14449	32.23	200	100	702.54	0.26	0.72	
14400	14450	56.31	200	100	450.16	0.17	0.32	
14401	14451	31.32	200	100	587.26	0.22	0.52	
14402	14452	36.47	200	100	976.97	0.36	1.33	
14403	14453	45.78	200	100	468.79	0.17	0.34	
14404	14454	56.11	200	100	296.23	0.11	0.15	
14405	14455	48.08	200	100	622.73	0.23	0.58	
14406	14456	68.98	200	100	126.03	0.05	0.03	
14407	14457	38.59	200	100	12.74	0	0	
14408	14458	23.83	200	100	104.90	0.04	0.02	
14409	14459	44.97	200	100	222.06	0.08	0.09	
14410	14460	20.26	200	100	342.75	0.13	0.19	
14411	14461	72.88	200	100	941.86	0.35	1.24	
14412	14462	88.41	200	100	329.55	0.12	0.18	
14413	14463	136.91	200	100	777.74	0.29	0.87	
14414	14464	108.93	200	100	910.99	0.34	1.17	
14415	14465	132.61	200	100	955.22	0.35	1.27	
14416	14466	79.81	200	100	240.59	0.09	0.1	
14417	14467	133.67	200	100	236.06	0.09	0.1	
14418	14468	135.14	200	100	236.75	0.09	0.1	
14419	14469	136.37	200	100	512.23	0.19	0.4	
14420	14470	86.69	200	100	370.69	0.14	0.22	
14421	14471	126.07	200	100	194.39	0.07	0.07	
14422	14472	221.41	200	100	21.29	0.01	0	
14423	14473	67.84	200	100	289.71	0.11	0.14	
14424	14474	45.55	200	100	909.92	0.34	1.17	
14425	14475	79.6	200	100	1,856.32	0.68	4.36	
14426	14476	168.73	200	100	1,833.75	0.68	4.27	
14427	14477	66.69	200	100	245.03	0.09	0.1	
14428	14478	480.11	200	100	112.36	0.04	0.02	
14429	14479	73.48	200	100	208.61	0.08	0.08	
14430	14480	80.56	200	100	603.00	0.22	0.54	
14431	14481	872.71	200	100	605.78	0.22	0.55	
14432	14482	92.5	200	100	90.70	0.03	0.02	
14433	14483	7.96	200	100	306.17	0.11	0.16	
14434	14484	61.5	200	100	487.50	0.18	0.37	
14435	14485	24.79	200	100	202.70	0.07	0.07	
14436	14486	91.56	200	100	526.45	0.19	0.42	
14437	14487	110.04	200	100	614.53	0.23	0.56	
14438	14488	124.92	200	100	40.23	0.01	0	
14439	14489	133.09	200	100	1,343.83	0.5	2.4	
14440	14490	93.2	200	100	307.95	0.11	0.16	
14441	14491	148.21	200	100	968.60	0.36	1.31	
14442	14492	149.78	200	100	1,051.51	0.39	1.52	
14443	14493	276.27	200	100	248.76	0.09	0.11	
14444	14494	731.38	200	100	999.93	0.37	1.39	
14445	14495	146.58	200	100	560.56	0.21	0.48	
14446	14496	1446.76	200	100	431.46	0.16	0.29	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
14447	14497	7.19	200	100	76.07	0.03	0.01	
14448	14498	611.58	200	100	951.65	0.35	1.27	
14449	14499	157.46	150	100	768.35	0.5	3.46	
14450	14500	37.19	200	100	1,901.09	0.7	4.56	
14451	14501	66.55	200	100	684.93	0.25	0.69	
14452	14502	140.67	200	100	1,357.81	0.5	2.45	
14453	14503	47.1	200	100	812.73	0.3	0.95	
14454	14504	129.01	200	100	202.21	0.07	0.07	
14455	14505	60.58	200	100	1,392.90	0.51	2.56	
14456	14506	222.84	200	100	7.68	0	0	
14457	14507	399.82	200	100	96.88	0.04	0.02	
14458	14508	155.2	200	100	269.57	0.1	0.12	
14459	14509	138.26	200	100	172.80	0.06	0.05	
14460	14510	318.5	150	100	260.34	0.17	0.47	
14461	14511	136.9	200	100	1,408.67	0.52	2.62	
14462	14512	81.39	200	100	74.76	0.03	0.01	
14463	14513	136.12	200	100	293.84	0.11	0.14	
14464	14514	40.37	200	100	275.75	0.1	0.13	
14465	14515	20.59	200	100	546.15	0.2	0.45	
14466	14516	68.39	200	100	245.03	0.09	0.1	
14467	14517	153.97	200	100	876.52	0.32	1.09	
14468	14518	177.32	200	100	1,660.16	0.61	3.55	
14469	14519	39.56	200	100	1,986.63	0.73	4.95	
14470	14520	79.96	200	100	644.67	0.24	0.62	
14471	14521	269.58	200	100	361.35	0.13	0.21	
14472	14522	1103.24	200	100	217.14	0.08	0.08	
14473	14523	389.44	150	100	222.32	0.15	0.35	
14474	14524	162.42	150	100	897.58	0.59	4.61	
14475	14525	149.13	150	100	58.89	0.04	0.03	
14476	14526	263.79	150	100	717.59	0.47	3.05	
14477	14527	416.04	150	100	98.93	0.06	0.08	
14478	14528	21.15	200	100	287.74	0.11	0.14	
14479	14529	164.45	150	100	46.82	0.03	0.02	
14480	14530	130.27	150	100	575.04	0.38	2.02	
14481	14531	34.48	150	100	473.37	0.31	1.41	
14482	14532	45.27	150	100	7.20	0	0	
14483	14533	42.13	150	100	182.86	0.12	0.24	
14484	14534	92.31	150	100	97.41	0.06	0.08	
14485	14535	57.08	150	100	512.90	0.34	1.64	
14486	14536	389.73	150	100	69.81	0.05	0.04	
14487	14537	146.43	150	100	240.03	0.16	0.4	
14488	14538	101.43	150	100	221.75	0.15	0.35	
14489	14539	104.85	150	100	377.89	0.25	0.93	
14490	14540	98.2	150	100	351.04	0.23	0.81	
14491	14541	36.42	150	100	77.85	0.05	0.05	
14492	14542	60.45	150	100	520.30	0.34	1.68	
14493	14543	51.11	150	100	955.96	0.63	5.18	
14494	14544	73.98	150	100	176.65	0.12	0.23	
14495	14545	122.16	150	100	646.75	0.42	2.51	
14496	14546	51.24	150	100	136.06	0.09	0.14	
14497	14547	87	150	100	37.56	0.02	0.01	
14498	14548	118.72	150	100	240.30	0.16	0.4	
14499	14549	102.33	150	100	177.87	0.12	0.23	
14500	14550	33.85	150	100	78.86	0.05	0.05	
14501	14551	257.39	100	100	2.18	0	0	
14502	14552	154.34	150	100	184.96	0.12	0.25	
14503	14553	47.15	150	100	223.73	0.15	0.35	
14504	14554	40.48	150	100	57.36	0.04	0.03	
14505	14555	45.56	150	100	59.88	0.04	0.03	
14506	14556	151.94	150	100	396.68	0.26	1.02	
14507	14557	156.66	150	100	357.10	0.23	0.84	
14508	14558	158.56	150	100	174.92	0.11	0.22	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
14509	14559	165.89	150	100	886.54	0.58	4.51	
14510	14560	76	150	100	96.13	0.06	0.07	
14511	14561	66.55	150	100	597.11	0.39	2.17	
14512	14562	157.38	150	100	340.91	0.22	0.77	
14513	14563	156.07	150	100	121.19	0.08	0.11	
14514	14564	64.76	150	100	107.49	0.07	0.09	
14515	14565	41	150	100	98.31	0.06	0.08	
14516	14566	66.94	150	100	298.13	0.2	0.6	
14517	14567	83.02	150	100	133.61	0.09	0.14	
14518	14568	89.01	150	100	210.68	0.14	0.31	
14519	14569	136.65	150	100	396.66	0.26	1.02	
14520	14570	72.67	150	100	228.73	0.15	0.37	
14521	14571	87.11	150	100	422.59	0.28	1.14	
14522	14572	146.83	150	100	317.18	0.21	0.67	
14523	14573	139.88	150	100	407.12	0.27	1.07	
14524	14574	60.36	150	100	231.84	0.15	0.38	
14525	14575	62.55	150	100	195.40	0.13	0.27	
14526	14576	69.28	150	100	553.91	0.36	1.89	
14527	14577	58.88	150	100	549.86	0.36	1.86	
14528	14578	26.21	150	100	62.43	0.04	0.03	
14529	14579	64.86	150	100	71.57	0.05	0.04	
14530	14580	63.73	150	100	94.49	0.06	0.07	
14531	14581	59.15	150	100	49.00	0.03	0.02	
14532	14582	134.47	150	100	1,519.15	0.99	12.22	
14533	14583	124.61	150	100	80.81	0.05	0.05	
14534	14584	81.89	150	100	577.10	0.38	2.04	
14535	14585	159.63	150	100	197.23	0.13	0.28	
14536	14586	144.64	150	100	355.99	0.23	0.83	
14537	14587	79.81	150	100	389.96	0.26	0.99	
14538	14588	62.83	150	100	512.15	0.34	1.63	
14539	14589	164.78	150	100	434.74	0.28	1.2	
14540	14590	95.52	150	100	48.92	0.03	0.02	
14541	14591	87.96	150	100	228.54	0.15	0.37	
14542	14592	86.46	150	100	31.58	0.02	0.01	
14543	14593	66.06	150	100	92.98	0.06	0.07	
14544	14594	56.22	150	100	303.30	0.2	0.62	
14545	14595	73.88	150	100	337.03	0.22	0.75	
14546	14596	198.05	150	100	56.69	0.04	0.03	
14547	14597	108.88	150	100	124.53	0.08	0.12	
14548	14598	159.33	150	100	42.66	0.03	0.02	
14549	14599	322.97	150	100	190.03	0.12	0.26	
14550	14600	300.43	150	100	35.68	0.02	0.01	
14551	14601	157.61	150	100	104.34	0.07	0.09	
14552	14603	123.15	150	100	147.75	0.1	0.16	
14553	14604	57.2	150	100	478.11	0.31	1.44	
14554	14605	245.69	150	100	0.01	0	0	
14555	14606	17.46	150	100	295.95	0.19	0.59	
14556	14607	89.24	150	100	66.38	0.04	0.04	
14557	14608	88.36	150	100	91.05	0.06	0.07	
14558	14609	165.03	150	100	674.04	0.44	2.71	
14559	14610	129.61	150	100	136.93	0.09	0.14	
14560	14611	63.61	150	100	321.96	0.21	0.69	
14561	14612	49.67	150	100	70.95	0.05	0.04	
14562	14613	416.99	150	100	28.58	0.02	0.01	
14563	14614	153.16	150	100	220.87	0.14	0.34	
14564	14615	2.84	150	100	233.62	0.15	0.38	
14565	14616	220.74	150	100	45.22	0.03	0.02	
14566	14617	9.25	150	100	54.04	0.04	0.03	
14567	14618	20.53	150	100	57.45	0.04	0.03	
14568	14619	58.41	150	100	70.65	0.05	0.04	
14569	14620	5.06	150	100	8.82	0.01	0	
14570	14621	131.27	150	100	158.47	0.1	0.19	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
14571	14622	184.5	150	100	66.39	0.04	0.04	
14572	14623	85.02	150	100	167.98	0.11	0.21	
14573	14624	98.86	150	100	181.98	0.12	0.24	
14574	14625	36.22	150	100	1,226.58	0.8	8.22	
14575	14626	40.22	150	100	958.03	0.63	5.2	
14576	14627	37.97	150	100	361.02	0.24	0.85	
14577	14628	77.87	150	100	562.44	0.37	1.94	
14578	14629	36.5	150	100	387.67	0.25	0.97	
14579	14630	41.1	150	100	573.80	0.38	2.01	
14580	14631	63.43	150	100	335.24	0.22	0.74	
14581	14632	31.95	150	100	414.69	0.27	1.1	
14582	14633	45.46	150	100	423.19	0.28	1.15	
14583	14634	39.37	150	100	137.34	0.09	0.14	
14584	14635	123.82	150	100	229.24	0.15	0.37	
14585	14636	43.27	150	100	392.71	0.26	1	
14586	14637	36.1	150	100	1,264.96	0.83	8.71	
14587	14638	47.4	150	100	206.37	0.14	0.3	
14588	14639	218.94	150	100	40.08	0.03	0.01	
14589	14640	109.5	150	100	514.13	0.34	1.64	
14590	14641	36.14	150	100	1,027.41	0.67	5.92	
14591	14642	39.38	150	100	1,028.51	0.67	5.94	
14592	14643	157.29	150	100	0.00	0	0	
14593	14644	11.6	150	100	17.67	0.01	0	
14594	14645	7.24	150	100	17.67	0.01	0	
14595	14646	19.3	150	100	157.19	0.1	0.18	
14596	14647	39.18	150	100	133.14	0.09	0.13	
14597	14648	18.81	150	100	36.61	0.02	0.01	
14598	14649	40.06	150	100	415.43	0.27	1.11	
14599	14650	29.17	150	100	353.18	0.23	0.82	
14600	14651	9.65	150	100	513.29	0.34	1.64	
14601	14652	208.78	150	100	292.04	0.19	0.58	
14602	14653	37.96	150	100	402.35	0.26	1.04	
14603	14654	40.32	150	100	358.84	0.24	0.84	
14604	14655	97.21	150	100	73.74	0.05	0.04	
14605	14656	84.27	150	100	250.72	0.16	0.43	
14606	14657	121.33	150	100	282.97	0.19	0.54	
14607	14658	41.57	150	100	244.63	0.16	0.42	
14608	14659	41.72	150	100	176.26	0.12	0.23	
14609	14660	127.56	150	100	22.80	0.01	0.01	
14610	14661	21.03	150	100	258.74	0.17	0.46	
14611	14662	45.31	150	100	89.08	0.06	0.06	
14612	14663	12.91	150	100	120.66	0.08	0.11	
14613	14664	17.7	150	100	509.29	0.33	1.61	
14614	14665	85.1	150	100	298.16	0.2	0.6	
14615	14666	71.32	150	100	69.34	0.05	0.04	
14616	14667	109.76	150	100	143.43	0.09	0.15	
14617	14668	98.85	150	100	139.24	0.09	0.15	
14618	14669	67.35	150	100	148.37	0.1	0.16	
14619	14670	140.66	150	100	89.06	0.06	0.06	
14620	14671	36.45	150	100	63.89	0.04	0.03	
14621	14672	28.52	150	100	143.12	0.09	0.15	
14622	14673	5.18	150	100	4.84	0	0	
14623	14674	28.36	150	100	51.74	0.03	0.02	
14624	14675	41.57	150	100	86.68	0.06	0.06	
14625	14676	64.06	150	100	243.51	0.16	0.41	
14626	14677	56.91	150	100	53.72	0.04	0.03	
14627	14678	55.48	150	100	18.11	0.01	0	
14628	14679	30.9	150	100	141.07	0.09	0.15	
14629	14680	109.72	150	100	75.67	0.05	0.05	
14630	14681	49.67	150	100	51.19	0.03	0.02	
14631	14682	116.59	150	100	45.10	0.03	0.02	
14632	14683	166.82	150	100	10.00	0.01	0	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
14633	14684	213.28	150	100	46.62	0.03	0.02	
14634	14685	127.27	150	100	67.33	0.04	0.04	
14635	14686	49.25	150	100	71.07	0.05	0.04	
14636	14687	109.96	150	100	79.83	0.05	0.05	
14637	14688	47.33	150	100	63.66	0.04	0.03	
14638	14689	104.1	150	100	24.64	0.02	0.01	
14639	14690	107.8	150	100	18.85	0.01	0	
14640	14691	153.11	150	100	35.79	0.02	0.01	
14641	14692	47.24	150	100	128.27	0.08	0.13	
14642	14693	117.83	150	100	65.93	0.04	0.04	
14643	14694	79.15	150	100	91.06	0.06	0.07	
14644	14695	96.64	150	100	28.38	0.02	0.01	
14645	14696	117.72	150	100	36.59	0.02	0.01	
14646	14697	114.68	150	100	132.64	0.09	0.13	
14647	14698	131.77	150	100	8.80	0.01	0	
14648	14699	124.11	150	100	56.36	0.04	0.03	
14649	14700	51.92	150	100	158.00	0.1	0.18	
14650	14701	142.96	150	100	317.98	0.21	0.67	
14651	14702	66.86	150	100	165.78	0.11	0.2	
14652	14703	52.96	150	100	124.28	0.08	0.12	
14653	14704	116.77	150	100	242.34	0.16	0.41	
14654	14705	53.91	150	100	1.41	0	0	
14655	14706	240.33	150	100	318.78	0.21	0.68	
14656	14707	137.48	150	100	300.24	0.2	0.61	
14657	14708	69.75	150	100	333.38	0.22	0.74	
14658	14709	92.42	150	100	101.30	0.07	0.08	
14659	14710	50.66	150	100	103.27	0.07	0.08	
14660	14711	4.03	150	100	11.66	0.01	0	
14661	14712	90.81	150	100	17.57	0.01	0	
14662	14713	85.16	150	100	79.45	0.05	0.05	
14663	14714	46.85	150	100	19.31	0.01	0	
14664	14715	93.39	150	100	68.28	0.04	0.04	
14665	14716	67.45	150	100	59.83	0.04	0.03	
14666	14717	38.07	150	100	1.31	0	0	
14667	14718	85.59	150	100	361.02	0.24	0.85	
14668	14719	47.99	150	100	5.93	0	0	
14669	14720	33.26	150	100	423.82	0.28	1.15	
14670	14721	128.51	150	100	432.50	0.28	1.19	
14671	14722	101.79	150	100	404.78	0.27	1.06	
14672	14723	240.1	150	100	246.72	0.16	0.42	
14673	14724	49.3	150	100	443.64	0.29	1.25	
14674	14725	109.37	150	100	93.57	0.06	0.07	
14675	14726	114.8	150	100	383.11	0.25	0.95	
14676	14727	166.58	150	100	6.80	0	0	
14677	14728	81.02	150	100	441.62	0.29	1.24	
14678	14729	131.22	150	100	162.91	0.11	0.2	
14679	14730	15.51	150	100	773.12	0.51	3.5	
14680	14731	33.57	150	100	13.05	0.01	0	
14681	14732	103.81	150	100	97.17	0.06	0.08	
14682	14733	177.67	150	100	0.00	0	0	
14683	14734	82.34	150	100	104.99	0.07	0.09	
14684	14735	56.3	150	100	16.28	0.01	0	
14685	14736	119.09	150	100	39.06	0.03	0.01	
14686	14737	62.69	150	100	85.80	0.06	0.06	
14687	14738	56.94	150	100	103.73	0.07	0.08	
14688	14739	34.32	150	100	383.57	0.25	0.96	
14689	14740	49.36	150	100	22.46	0.01	0.01	
14690	14741	41.52	150	100	76.54	0.05	0.05	
14691	14742	109.18	150	100	47.82	0.03	0.02	
14692	14743	129.93	150	100	4.40	0	0	
14693	14744	55.16	150	100	164.29	0.11	0.2	
14694	14745	17.94	150	100	1,285.62	0.84	8.97	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
14695	14746	30.23	150	100	258.21	0.17	0.46	
14696	14747	78.27	150	100	12.03	0.01	0	
14697	14748	90.67	150	100	60.07	0.04	0.03	
14698	14749	113.22	150	100	32.38	0.02	0.01	
14699	14750	70.62	150	100	225.36	0.15	0.36	
14700	14751	48.79	150	100	277.73	0.18	0.53	
14701	14752	43.95	150	100	331.37	0.22	0.73	
14702	14753	11.89	150	100	897.50	0.59	4.61	
14703	14754	45.01	150	100	337.92	0.22	0.76	
14704	14755	45.97	150	100	142.76	0.09	0.15	
14705	14756	47.6	150	100	175.12	0.11	0.22	
14706	14757	48.28	150	100	174.59	0.11	0.22	
14707	14758	38.85	150	100	256.46	0.17	0.45	
14708	14759	85.42	150	100	427.26	0.28	1.17	
14709	14760	13.37	150	100	146.24	0.1	0.16	
14710	14761	162.74	150	100	58.32	0.04	0.03	
14711	14762	151.54	150	100	4.31	0	0	
14712	14763	148.36	150	100	36.72	0.02	0.01	
14713	14764	129.35	150	100	398.04	0.26	1.02	
14714	14765	113.35	150	100	129.06	0.08	0.13	
14715	14766	78.87	150	100	110.30	0.07	0.09	
14716	14767	13.83	150	100	341.89	0.22	0.77	
14717	14768	59.05	150	100	189.59	0.12	0.26	
14718	14769	205.56	150	100	292.95	0.19	0.58	
14719	14770	77.29	150	100	49.68	0.03	0.02	
14720	14771	149.54	150	100	171.97	0.11	0.22	
14721	14772	35.38	150	100	153.13	0.1	0.17	
14722	14773	30.74	150	100	120.55	0.08	0.11	
14723	14774	34.53	150	100	317.44	0.21	0.67	
14724	14775	50.76	150	100	15.76	0.01	0	
14725	14776	52.05	150	100	12.70	0.01	0	
14726	14777	295.32	150	100	97.58	0.06	0.08	
14727	14778	100.48	150	100	171.25	0.11	0.21	
14728	14779	29.98	150	100	44.89	0.03	0.02	
14729	14780	33.8	150	100	35.78	0.02	0.01	
14730	14781	61.84	150	100	149.30	0.1	0.17	
14731	14782	67.27	150	100	330.80	0.22	0.73	
14732	14783	131.21	150	100	186.02	0.12	0.25	
14733	14784	49.86	150	100	604.29	0.4	2.22	
14734	14785	44.55	150	100	391.51	0.26	0.99	
14735	14786	77.39	150	100	112.50	0.07	0.1	
14736	14787	64.74	150	100	64.78	0.04	0.04	
14737	14788	78	150	100	141.51	0.09	0.15	
14738	14789	53.27	150	100	73.09	0.05	0.04	
14739	14790	13.76	150	100	172.28	0.11	0.22	
14740	14791	85.82	150	100	315.52	0.21	0.67	
14741	14792	8.85	150	100	259.63	0.17	0.46	
14742	14793	238.54	150	100	227.30	0.15	0.36	
14743	14794	102.44	200	100	138.34	0.05	0.04	
14744	14795	49.05	150	100	85.44	0.06	0.06	
14745	14796	47.55	150	100	79.05	0.05	0.05	
14746	14797	121.87	150	100	193.68	0.13	0.27	
14747	14798	116.68	150	100	349.02	0.23	0.8	
14748	14799	157.99	150	100	38.43	0.03	0.01	
14749	14800	26.45	150	100	156.31	0.1	0.18	
14750	14801	11.76	150	100	151.78	0.1	0.17	
14751	14802	54.65	150	100	125.79	0.08	0.12	
14752	14803	172.11	150	100	382.83	0.25	0.95	
14753	14804	84.71	150	100	6.15	0	0	
14754	14805	47.95	150	100	186.07	0.12	0.25	
14755	14806	46.66	150	100	382.78	0.25	0.95	
14756	14807	56.57	150	100	221.61	0.15	0.35	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
14757	14808	61.06	150	100	113.26	0.07	0.1	
14758	14809	51.74	150	100	541.90	0.35	1.81	
14759	14810	97.74	150	100	428.29	0.28	1.17	
14760	14811	150.1	150	100	58.51	0.04	0.03	
14761	14812	171.24	150	100	35.95	0.02	0.01	
14762	14813	6.14	150	100	400.51	0.26	1.03	
14763	14814	79.53	150	100	368.45	0.24	0.89	
14764	14815	2.65	150	100	354.58	0.23	0.82	
14765	14816	119.14	150	100	934.07	0.61	4.97	
14766	14817	23.11	150	100	6.87	0	0	
14767	14818	87.17	150	100	181.08	0.12	0.24	
14768	14819	13.21	150	100	270.20	0.18	0.5	
14769	14820	109.66	150	100	346.58	0.23	0.79	
14770	14821	127.14	150	100	52.29	0.03	0.02	
14771	14822	211.18	150	100	336.28	0.22	0.75	
14772	14823	7.32	150	100	116.00	0.08	0.1	
14773	14824	53.33	150	100	56.24	0.04	0.03	
14774	14825	80.99	150	100	239.29	0.16	0.4	
14775	14826	76.92	150	100	157.85	0.1	0.18	
14776	14827	146.86	150	100	152.13	0.1	0.17	
14777	14828	209.37	150	100	348.92	0.23	0.8	
14778	14829	137.97	150	100	124.27	0.08	0.12	
14779	14830	59.23	150	100	31.32	0.02	0.01	
14780	14831	114.23	150	100	72.96	0.05	0.04	
14781	14832	56.51	150	100	85.01	0.06	0.06	
14782	14833	16.31	150	100	1,249.29	0.82	8.51	
14783	14834	18.51	150	100	524.24	0.34	1.7	
14784	14835	188.33	150	100	225.96	0.15	0.36	
14785	14836	48.84	150	100	199.75	0.13	0.29	
14786	14837	59.79	150	100	283.74	0.19	0.55	
14787	14838	111.51	150	100	1.44	0	0	
14788	14839	115.53	150	100	169.67	0.11	0.21	
14789	14840	69.27	150	100	142.97	0.09	0.15	
14790	14841	55.2	150	100	962.26	0.63	5.25	
14791	14842	498.77	150	100	462.07	0.3	1.35	
14792	14843	45.63	150	100	121.05	0.08	0.11	
14793	14844	90.62	150	100	453.66	0.3	1.3	
14794	14845	34.52	150	100	583.93	0.38	2.08	
14795	14846	95.88	150	100	485.76	0.32	1.48	
14796	14847	86.47	150	100	559.91	0.37	1.92	
14797	14848	45.36	150	100	296.64	0.19	0.59	
14798	14849	157.58	150	100	533.78	0.35	1.76	
14799	14850	25.02	150	100	447.20	0.29	1.27	
14800	14851	28.08	150	100	683.33	0.45	2.78	
14801	14852	21.86	150	100	666.45	0.44	2.66	
14802	14853	218.75	150	100	62.69	0.04	0.03	
14803	14854	38.02	150	100	3.92	0	0	
14804	14855	13.47	150	100	83.77	0.05	0.06	
14805	14856	182.7	150	100	401.08	0.26	1.04	
14806	14857	51.33	150	100	300.89	0.2	0.61	
14807	14858	48.23	150	100	240.93	0.16	0.4	
14808	14859	81.48	150	100	188.88	0.12	0.26	
14809	14860	88.57	150	100	219.09	0.14	0.34	
14810	14861	54.51	150	100	163.87	0.11	0.2	
14811	14862	191.58	150	100	395.87	0.26	1.01	
14812	14863	115.95	150	100	416.44	0.27	1.11	
14813	14864	151.03	150	100	24.72	0.02	0.01	
14814	14865	16.93	150	100	403.83	0.26	1.05	
14815	14866	222.26	150	100	343.81	0.23	0.78	
14816	14867	8.02	150	100	344.64	0.23	0.78	
14817	14868	137.94	150	100	209.55	0.14	0.31	
14818	14869	157.4	150	100	203.79	0.13	0.3	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
14819	14870	110.7	150	100	233.61	0.15	0.38	
14820	14871	99.48	150	100	44.00	0.03	0.02	
14821	14872	90.76	150	100	32.98	0.02	0.01	
14822	14873	57.49	150	100	88.71	0.06	0.06	
14823	14874	38.73	150	100	73.52	0.05	0.04	
14824	14875	51.7	150	100	233.84	0.15	0.38	
14825	14876	248	150	100	273.11	0.18	0.51	
14826	14877	57.92	150	100	634.34	0.42	2.43	
14827	14878	93.58	150	100	387.62	0.25	0.97	
14828	14879	107.68	150	100	61.42	0.04	0.03	
14829	14880	49.62	150	100	131.71	0.09	0.13	
14830	14881	101.61	150	100	419.57	0.27	1.13	
14831	14882	71.19	150	100	458.07	0.3	1.33	
14832	14883	60.38	150	100	284.30	0.19	0.55	
14833	14884	106.29	150	100	203.62	0.13	0.3	
14834	14885	366.36	150	100	239.92	0.16	0.4	
14835	14886	39.88	150	100	275.69	0.18	0.52	
14836	14887	101.1	150	100	94.12	0.06	0.07	
14837	14888	78.4	150	100	87.48	0.06	0.06	
14838	14889	114.98	150	100	262.74	0.17	0.47	
14839	14890	103.53	150	100	266.79	0.17	0.49	
14840	14891	85.49	150	100	208.97	0.14	0.31	
14841	14892	75.82	150	100	503.53	0.33	1.58	
14842	14893	103.76	150	100	227.97	0.15	0.36	
14843	14894	64.24	150	100	175.04	0.11	0.22	
14844	14895	15.21	150	100	7.06	0	0	
14845	14896	31.33	150	100	115.16	0.08	0.1	
14846	14897	44.08	150	100	223.05	0.15	0.35	
14847	14898	147.87	150	100	291.57	0.19	0.57	
14848	14899	80.68	150	100	200.79	0.13	0.29	
14849	14900	57.22	150	100	251.14	0.16	0.44	
14850	14901	41.32	150	100	49.56	0.03	0.02	
14851	14902	77.13	150	100	23.68	0.02	0.01	
14852	14903	13.49	150	100	47.72	0.03	0.02	
14853	14904	93.85	150	100	169.88	0.11	0.21	
14854	14905	87.98	150	100	69.60	0.05	0.04	
14855	14906	43.96	150	100	101.99	0.07	0.08	
14856	14907	73.22	150	100	101.46	0.07	0.08	
14857	14908	43.5	150	100	37.52	0.02	0.01	
14858	14909	58.99	150	100	14.64	0.01	0	
14859	14910	156.28	150	100	181.11	0.12	0.24	
14860	14911	162.42	150	100	51.82	0.03	0.02	
14861	14912	44.54	150	100	238.07	0.16	0.39	
14862	14913	58.22	150	100	153.58	0.1	0.18	
14863	14914	79.25	100	100	50.18	0.07	0.16	
14864	14915	43.45	150	100	102.55	0.07	0.08	
14865	14916	47	150	100	223.64	0.15	0.35	
14866	14917	27.56	150	100	428.89	0.28	1.17	
14867	14918	66.16	150	100	0.00	0	0	
14868	14919	55.83	150	100	764.04	0.5	3.42	
14869	14920	35.56	150	100	186.23	0.12	0.25	
14870	14921	80.84	150	100	512.84	0.34	1.64	
14871	14922	67.36	150	100	95.77	0.06	0.07	
14872	14923	114.68	150	100	139.85	0.09	0.15	
14873	14924	38.25	150	100	168.28	0.11	0.21	
14874	14925	221.17	150	100	105.51	0.07	0.09	
14875	14926	79.04	150	100	205.11	0.13	0.3	
14876	14927	51.53	150	100	11.66	0.01	0	
14877	14928	51.63	150	100	168.07	0.11	0.21	
14878	14929	69.81	150	100	9.63	0.01	0	
14879	14930	100.35	150	100	122.45	0.08	0.12	
14880	14931	17.82	150	100	440.35	0.29	1.23	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
14881	14932	52.16	150	100	54.92	0.04	0.03	
14882	14933	100.05	150	100	17.75	0.01	0	
14883	14934	216.72	150	100	238.18	0.16	0.4	
14884	14935	179	150	100	237.78	0.16	0.39	
14885	14936	15.64	150	100	218.78	0.14	0.34	
14886	14937	93.48	150	100	232.53	0.15	0.38	
14887	14938	38.08	150	100	137.73	0.09	0.14	
14888	14939	66.64	150	100	101.37	0.07	0.08	
14889	14940	178.84	150	100	13.87	0.01	0	
14890	14941	34.32	150	100	380.85	0.25	0.94	
14891	14942	22.07	150	100	291.56	0.19	0.57	
14892	14943	56.61	150	100	260.45	0.17	0.47	
14893	14944	109.79	150	100	347.22	0.23	0.79	
14894	14945	49.98	150	100	338.85	0.22	0.76	
14895	14946	41.6	150	100	257.30	0.17	0.46	
14896	14947	30.92	150	100	188.20	0.12	0.26	
14897	14948	26.42	150	100	16.54	0.01	0	
14898	14949	114.22	150	100	817.20	0.54	3.88	
14899	14950	6.44	150	100	667.70	0.44	2.67	
14900	14951	102.73	150	100	544.09	0.36	1.83	
14901	14952	17.5	150	100	699.30	0.46	2.91	
14902	14953	237.5	150	100	0.00	0	0	
14903	14954	189.79	150	100	594.55	0.39	2.15	
14904	14955	134.03	150	100	526.42	0.34	1.72	
14905	14956	42	150	100	212.30	0.14	0.32	
14906	14957	41.26	150	100	188.01	0.12	0.25	
14907	14958	47.22	150	100	971.68	0.64	5.34	
14908	14959	64.42	150	100	470.47	0.31	1.39	
14909	14960	77.35	150	100	51.36	0.03	0.02	
14910	14961	100.38	150	100	280.42	0.18	0.53	
14911	14962	70.3	150	100	197.54	0.13	0.28	
14912	14963	15.24	150	100	331.78	0.22	0.73	
14913	14964	83.35	150	100	308.95	0.2	0.64	
14914	14965	139.8	150	100	41.44	0.03	0.02	
14915	14966	10.44	150	100	245.88	0.16	0.42	
14916	14967	317.19	150	100	296.59	0.19	0.59	
14917	14968	67.13	150	100	121.41	0.08	0.11	
14918	14969	63.87	150	100	209.61	0.14	0.31	
14919	14970	46.13	150	100	51.15	0.03	0.02	
14920	14971	84.6	150	100	465.73	0.31	1.37	
14921	14972	62.56	150	100	238.73	0.16	0.4	
14922	14973	92.29	150	100	327.70	0.21	0.71	
14923	14974	43.15	150	100	211.42	0.14	0.32	
14924	14975	44.03	150	100	324.06	0.21	0.7	
14925	14976	128.08	150	100	443.82	0.29	1.25	
14926	14977	446.09	150	100	34.15	0.02	0.01	
14927	14978	109.87	150	100	166.60	0.11	0.2	
14928	14979	99.7	150	100	392.21	0.26	1	
14929	14980	47.18	150	100	204.84	0.13	0.3	
14930	14981	45.05	150	100	105.37	0.07	0.09	
14931	14982	66.36	150	100	371.52	0.24	0.9	
14932	14983	87.74	150	100	269.65	0.18	0.5	
14933	14984	86.57	150	100	378.89	0.25	0.93	
14934	14985	33.09	150	100	630.63	0.41	2.4	
14935	14986	330.17	150	100	124.50	0.08	0.12	
14936	14987	176.62	150	100	324.56	0.21	0.7	
14937	14988	61.34	150	100	150.87	0.1	0.17	
14938	14989	82.06	150	100	58.25	0.04	0.03	
14939	14990	62.63	150	100	148.13	0.1	0.16	
14940	14991	60.92	150	100	246.59	0.16	0.42	
14941	14992	54.34	150	100	89.47	0.06	0.06	
14942	14993	105.44	150	100	542.35	0.36	1.81	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
14943	14994	34.79	150	100	213.46	0.14	0.32	
14944	14995	66.48	150	100	84.96	0.06	0.06	
14945	14996	41.28	150	100	251.98	0.17	0.44	
14946	14997	22.09	150	100	298.84	0.2	0.6	
14947	14998	52.66	150	100	68.97	0.05	0.04	
14948	14999	99.3	150	100	176.72	0.12	0.23	
14949	15000	87.13	150	100	283.41	0.19	0.55	
14950	15001	116.96	150	100	394.04	0.26	1	
14951	15002	234.78	150	100	412.52	0.27	1.09	
14952	15003	72.01	150	100	305.98	0.2	0.63	
14953	15004	63.96	150	100	109.60	0.07	0.09	
14954	15005	69.24	150	100	63.44	0.04	0.03	
14955	15006	66.09	150	100	143.51	0.09	0.15	
14956	15007	302.03	100	100	0.83	0	0	
14957	15008	102.52	150	100	2.09	0	0	
14958	15009	64.19	150	100	167.62	0.11	0.21	
14959	15010	62.74	150	100	214.53	0.14	0.33	
14960	15011	62.4	150	100	468.00	0.31	1.38	
14961	15012	100.19	150	100	85.48	0.06	0.06	
14962	15013	129.17	150	100	176.20	0.12	0.23	
14963	15014	196.76	150	100	139.25	0.09	0.15	
14964	15015	24.63	150	100	545.39	0.36	1.83	
14965	15016	152.71	150	100	197.63	0.13	0.28	
14966	15017	80.32	150	100	316.52	0.21	0.67	
14967	15018	211.55	150	100	189.25	0.12	0.26	
14968	15019	187.54	150	100	311.55	0.2	0.65	
14969	15020	129.29	150	100	253.51	0.17	0.44	
14970	15021	113.21	150	100	911.01	0.6	4.74	
14971	15022	80.61	150	100	200.36	0.13	0.29	
14972	15023	34.45	150	100	454.74	0.3	1.31	
14973	15024	55.54	150	100	366.72	0.24	0.88	
14974	15025	4.8	150	100	282.14	0.18	0.54	
14975	15026	194.93	150	100	955.07	0.63	5.17	
14976	15027	94.34	150	100	598.27	0.39	2.18	
14977	15028	82.75	150	100	771.20	0.51	3.48	
14978	15029	134.83	150	100	725.33	0.48	3.11	
14979	15030	79.69	150	100	706.05	0.46	2.96	
14980	15031	136.94	150	100	163.29	0.11	0.2	
14981	15032	42	150	100	46.58	0.03	0.02	
14982	15033	39.37	150	100	108.77	0.07	0.09	
14983	15034	109.54	150	100	0.00	0	0	
14984	15035	73.56	150	100	159.30	0.1	0.19	
14985	15036	61.86	150	100	39.18	0.03	0.01	
14986	15037	39.81	150	100	61.63	0.04	0.03	
14987	15038	53.1	150	100	116.22	0.08	0.1	
14988	15039	149.26	150	100	68.11	0.04	0.04	
14989	15040	146.8	150	100	157.23	0.1	0.18	
14990	15041	68.91	150	100	55.52	0.04	0.03	
14991	15042	18.26	150	100	0.00	0	0	
14992	15043	75.35	150	100	389.89	0.26	0.98	
14993	15044	182.43	150	100	34.54	0.02	0.01	
14994	15045	27.03	150	100	359.91	0.24	0.85	
14995	15046	43.57	150	100	512.31	0.34	1.63	
14996	15047	16.45	150	100	619.37	0.41	2.32	
14997	15048	43.35	150	100	226.39	0.15	0.36	
14998	15049	117.05	150	100	83.32	0.05	0.06	
14999	15050	41.8	150	100	635.98	0.42	2.44	
15000	15051	12.34	150	100	732.54	0.48	3.17	
15001	15052	58.2	150	100	569.30	0.37	1.99	
15002	15053	64.43	150	100	17.10	0.01	0	
15003	15054	53.61	150	100	152.44	0.1	0.17	
15004	15055	63.98	150	100	534.35	0.35	1.77	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
15005	15056	156.95	150	100	87.25	0.06	0.06	
15006	15057	234.57	150	100	879.10	0.58	4.44	
15007	15058	72.71	150	100	122.07	0.08	0.11	
15008	15059	52.68	150	100	238.52	0.16	0.4	
15009	15060	57.58	150	100	72.60	0.05	0.04	
15010	15061	37.96	150	100	319.65	0.21	0.68	
15011	15062	144.3	150	100	71.96	0.05	0.04	
15012	15063	77.42	150	100	227.37	0.15	0.36	
15013	15064	865.31	150	100	140.66	0.09	0.15	
15014	15065	56.82	150	100	266.64	0.17	0.49	
15015	15066	148.58	150	100	14.96	0.01	0	
15016	15067	4.52	150	100	0.00	0	0	
15017	15068	161.68	150	100	98.96	0.06	0.08	
15018	15069	154.52	150	100	300.96	0.2	0.61	
15019	15070	155.5	150	100	262.95	0.17	0.47	
15020	15071	208.35	150	100	52.86	0.03	0.02	
15021	15072	60.67	150	100	306.56	0.2	0.63	
15022	15073	60.47	150	100	310.62	0.2	0.65	
15023	15074	120.32	150	100	370.93	0.24	0.9	
15024	15075	67.97	150	100	25.29	0.02	0.01	
15025	15076	111.31	150	100	162.29	0.11	0.19	
15026	15077	71.18	150	100	53.91	0.04	0.03	
15027	15078	54.56	150	100	110.38	0.07	0.1	
15028	15079	90.98	150	100	364.24	0.24	0.87	
15029	15080	16.23	150	100	127.39	0.08	0.12	
15030	15081	29.44	150	100	574.64	0.38	2.02	
15031	15082	107.18	150	100	368.47	0.24	0.89	
15032	15083	159.58	150	100	10.13	0.01	0	
15033	15084	139.98	150	100	123.09	0.08	0.12	
15034	15085	207.98	150	100	16.51	0.01	0	
15035	15086	75.67	150	100	2,258.23	1.48	25.47	
15036	15087	36.93	150	100	772.61	0.51	3.49	
15037	15088	55.39	150	100	1,892.71	1.24	18.37	
15038	15089	70.86	150	100	760.28	0.5	3.39	
15039	15090	113.35	150	100	337.41	0.22	0.75	
15040	15091	145.8	150	100	31.42	0.02	0.01	
15041	15092	11.29	150	100	261.24	0.17	0.47	
15042	15093	37.09	150	100	129.57	0.08	0.13	
15043	15094	91.54	150	100	242.49	0.16	0.41	
15044	15095	120.11	150	100	214.73	0.14	0.33	
15045	15096	59.5	150	100	0.00	0	0	
15046	15097	182.15	150	100	206.07	0.13	0.3	
15047	15098	80.94	150	100	9.87	0.01	0	
15048	15099	42.69	150	100	4.92	0	0	
15049	15100	17.38	150	100	139.11	0.09	0.15	
15050	15101	60.86	150	100	71.56	0.05	0.04	
15051	15102	93.36	150	100	78.55	0.05	0.05	
15052	15103	39.92	150	100	101.99	0.07	0.08	
15053	15104	72.18	150	100	163.33	0.11	0.2	
15054	15105	37.93	150	100	92.84	0.06	0.07	
15055	15106	122.73	150	100	23.79	0.02	0.01	
15056	15107	49.36	150	100	29.49	0.02	0.01	
15057	15108	46.82	150	100	127.82	0.08	0.12	
15058	15109	59.68	150	100	81.92	0.05	0.05	
15059	15110	43.37	150	100	39.34	0.03	0.01	
15060	15111	168.64	150	100	132.81	0.09	0.13	
15061	15112	200.61	150	100	33.98	0.02	0.01	
15062	15113	29.87	150	100	160.32	0.11	0.19	
15063	15114	83.42	150	100	184.61	0.12	0.25	
15064	15115	116.71	150	100	142.87	0.09	0.15	
15065	15116	102.95	150	100	100.07	0.07	0.08	
15066	15117	190.59	150	100	82.23	0.05	0.06	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
15067	15118	72.58	150	100	205.21	0.13	0.3	
15068	15119	41.45	150	100	162.67	0.11	0.2	
15069	15120	56.15	150	100	998.10	0.65	5.61	
15070	15121	151.73	150	100	578.22	0.38	2.04	
15071	15122	177.93	150	100	256.35	0.17	0.45	
15072	15123	13.71	150	100	0.00	0	0	
15073	15124	149	150	100	4.96	0	0	
15074	15125	21.54	150	100	46.31	0.03	0.02	
15075	15126	189.71	150	100	54.65	0.04	0.03	
15076	15127	65.27	150	100	469.12	0.31	1.39	
15077	15128	42.34	150	100	422.30	0.28	1.14	
15078	15129	60.1	150	100	308.72	0.2	0.64	
15079	15130	46.71	150	100	208.50	0.14	0.31	
15080	15131	49.91	150	100	81.26	0.05	0.05	
15081	15132	66.24	150	100	283.36	0.19	0.55	
15082	15133	180.37	150	100	416.08	0.27	1.11	
15083	15134	112.84	150	100	207.45	0.14	0.31	
15084	15135	192.74	200	100	653.44	0.24	0.63	
15085	15136	239.95	150	100	4.20	0	0	
15086	15137	182.45	150	100	13.24	0.01	0	
15087	15138	186.82	150	100	88.42	0.06	0.06	
15088	15139	91.69	150	100	234.86	0.15	0.39	
15089	15140	85.32	150	100	140.61	0.09	0.15	
15090	15141	84.83	150	100	290.19	0.19	0.57	
15091	15142	52.59	150	100	75.63	0.05	0.05	
15092	15143	176.62	150	100	69.72	0.05	0.04	
15093	15144	86.7	150	100	7.83	0.01	0	
15094	15145	103.9	150	100	4.52	0	0	
15095	15146	132.81	150	100	245.78	0.16	0.42	
15096	15147	108.49	150	100	256.07	0.17	0.45	
15097	15148	123.32	150	100	752.78	0.49	3.33	
15098	15149	88.24	150	100	286.14	0.19	0.56	
15099	15150	126.04	150	100	208.50	0.14	0.31	
15100	15151	171.64	150	100	18.68	0.01	0	
15101	15152	111.48	150	100	65.79	0.04	0.04	
15102	15153	40.06	150	100	143.56	0.09	0.15	
15103	15154	97.3	150	100	66.00	0.04	0.04	
15104	15155	49.84	150	100	408.80	0.27	1.08	
15105	15156	140.97	150	100	19.48	0.01	0	
15106	15157	34.04	150	100	332.71	0.22	0.73	
15107	15158	55.54	150	100	120.00	0.08	0.11	
15108	15159	139.36	150	100	111.12	0.07	0.1	
15109	15160	301.9	150	100	30.92	0.02	0.01	
15110	15161	242.59	150	100	340.77	0.22	0.77	
15111	15162	51.21	150	100	645.10	0.42	2.5	
15112	15163	9.09	150	100	524.84	0.34	1.71	
15113	15164	10.74	150	100	420.21	0.28	1.13	
15114	15165	99.1	150	100	75.33	0.05	0.05	
15115	15166	373.25	150	100	23.58	0.02	0.01	
15116	15167	13.37	150	100	336.20	0.22	0.75	
15117	15168	68.12	150	100	404.39	0.26	1.05	
15118	15169	55.54	150	100	328.14	0.21	0.72	
15119	15170	89.28	150	100	15.75	0.01	0	
15120	15171	29.12	150	100	209.45	0.14	0.31	
15121	15172	77.97	150	100	500.28	0.33	1.56	
15122	15173	66.26	150	100	144.58	0.09	0.16	
15123	15174	66.3	150	100	77.71	0.05	0.05	
15124	15175	85.06	150	100	28.80	0.02	0.01	
15125	15176	13.77	150	100	1,198.99	0.79	7.89	
15126	15177	114.89	150	100	277.97	0.18	0.53	
15127	15178	122.74	150	100	201.14	0.13	0.29	
15128	15179	70.93	150	100	5.71	0	0	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
15129	15180	29.79	150	100	169.49	0.11	0.21	
15130	15181	41.72	150	100	78.56	0.05	0.05	
15131	15182	5.29	150	100	736.75	0.48	3.2	
15132	15183	108.86	150	100	576.99	0.38	2.03	
15133	15184	95.94	150	100	474.42	0.31	1.42	
15134	15185	53.56	150	100	161.12	0.11	0.19	
15135	15186	55.22	150	100	205.17	0.13	0.3	
15136	15187	87.45	150	100	291.97	0.19	0.58	
15137	15188	47.05	150	100	117.42	0.08	0.11	
15138	15189	104.34	150	100	316.66	0.21	0.67	
15139	15190	197.71	150	100	143.26	0.09	0.15	
15140	15191	38.9	150	100	499.39	0.33	1.56	
15141	15192	184.44	150	100	420.02	0.28	1.13	
15142	15193	90.32	150	100	660.61	0.43	2.61	
15143	15194	43.98	150	100	185.29	0.12	0.25	
15144	15195	128.7	150	100	749.93	0.49	3.31	
15145	15196	284.16	150	100	433.02	0.28	1.2	
15146	15197	22.75	150	100	930.89	0.61	4.93	
15147	15198	25.42	150	100	218.04	0.14	0.34	
15148	15199	68	150	100	278.66	0.18	0.53	
15149	15200	127.71	150	100	9.57	0.01	0	
15150	15201	127.53	150	100	3.29	0	0	
15151	15202	16.07	150	100	424.47	0.28	1.15	
15152	15203	107.79	150	100	177.29	0.12	0.23	
15153	15204	29.49	150	100	258.00	0.17	0.46	
15154	15205	17.48	150	100	0.00	0	0	
15155	15206	92.25	150	100	219.20	0.14	0.34	
15156	15207	63.56	150	100	345.22	0.23	0.79	
15157	15208	24.95	150	100	199.85	0.13	0.29	
15158	15209	36.75	150	100	8.77	0.01	0	
15159	15210	37.19	150	100	213.34	0.14	0.32	
15160	15211	141	150	100	1,539.75	1.01	12.53	
15161	15212	171.7	150	100	215.26	0.14	0.33	
15162	15213	47.14	150	100	752.47	0.49	3.33	
15163	15214	208.63	150	100	275.03	0.18	0.52	
15164	15215	49.93	150	100	29.65	0.02	0.01	
15165	15216	45.75	150	100	427.55	0.28	1.17	
15166	15217	41.32	150	100	89.59	0.06	0.06	
15167	15218	144.82	150	100	489.68	0.32	1.5	
15168	15219	46.83	150	100	82.07	0.05	0.05	
15169	15220	261.72	150	100	73.49	0.05	0.04	
15170	15221	1819.2	150	100	140.65	0.09	0.15	
15171	15222	439.8	150	100	77.64	0.05	0.05	
15172	15223	165.92	150	100	763.45	0.5	3.42	
15173	15224	157.29	150	100	5.54	0	0	
15174	15225	338.28	150	100	2,216.95	1.45	24.62	
15175	15226	70.41	150	100	610.04	0.4	2.26	
15176	15227	67.56	100	100	5.30	0.01	0	
15177	15228	485.01	100	100	54.23	0.08	0.18	
15178	15229	103.34	100	100	102.72	0.15	0.6	
15179	15230	986.27	100	100	31.62	0.05	0.07	
15180	15231	233.67	100	100	8.69	0.01	0.01	
15181	15232	54.57	100	100	18.32	0.03	0.02	
15182	15233	49.67	100	100	120.99	0.18	0.81	
15183	15234	48.25	100	100	43.44	0.06	0.12	
15184	15235	108.3	100	100	47.64	0.07	0.14	
15185	15236	42.73	100	100	44.20	0.07	0.13	
15186	15237	46.48	100	100	70.93	0.1	0.3	
15187	15238	39.39	100	100	4.39	0.01	0	
15188	15239	79.82	100	100	45.19	0.07	0.13	
15189	15240	44.67	100	100	46.31	0.07	0.14	
15190	15241	37.9	100	100	0.41	0	0	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
15191	15242	95.95	100	100	47.18	0.07	0.14	
15192	15243	60.71	100	100	36.03	0.05	0.09	
15193	15244	147.39	100	100	15.21	0.02	0.02	
15194	15245	112.8	100	100	36.26	0.05	0.09	
15195	15246	47.35	100	100	29.06	0.04	0.06	
15196	15247	107.13	100	100	45.21	0.07	0.13	
15197	15248	57.72	100	100	53.53	0.08	0.18	
15198	15249	181.98	100	100	55.01	0.08	0.19	
15199	15250	67.68	100	100	81.19	0.12	0.39	
15200	15251	7.29	100	100	74.36	0.11	0.33	
15201	15252	50.3	100	100	32.94	0.05	0.07	
15202	15253	62.37	100	100	97.36	0.14	0.54	
15203	15254	115.94	100	100	4.60	0.01	0	
15204	15255	49.31	100	100	58.70	0.09	0.21	
15205	15256	176.18	100	100	79.82	0.12	0.38	
15206	15257	158.88	100	100	5.44	0.01	0	
15207	15258	169.8	100	100	63.45	0.09	0.25	
15208	15259	123.4	100	100	114.81	0.17	0.74	
15209	15260	50.7	100	100	22.98	0.03	0.04	
15210	15261	81.78	100	100	31.78	0.05	0.07	
15211	15262	169.82	100	100	48.18	0.07	0.15	
15212	15263	33.95	100	100	43.06	0.06	0.12	
15213	15264	274.95	100	100	151.47	0.22	1.23	
15214	15265	53.29	100	100	57.38	0.08	0.2	
15215	15266	178.27	100	100	20.87	0.03	0.03	
15216	15267	114.49	100	100	39.43	0.06	0.1	
15217	15268	46.64	100	100	115.45	0.17	0.75	
15218	15269	98.09	100	100	55.42	0.08	0.19	
15219	15270	44.5	100	100	73.98	0.11	0.33	
15220	15271	8.8	100	100	0.62	0	0	
15221	15272	204.75	100	100	24.47	0.04	0.04	
15222	15273	33.49	100	100	76.03	0.11	0.34	
15223	15274	36.79	100	100	64.03	0.09	0.25	
15224	15275	148	100	100	1.46	0	0	
15225	15276	33.75	100	100	13.65	0.02	0.01	
15226	15277	204.54	100	100	18.05	0.03	0.02	
15227	15278	155.12	100	100	141.16	0.21	1.08	
15228	15279	72.77	100	100	10.55	0.02	0.01	
15229	15280	35.66	100	100	11.70	0.02	0.01	
15230	15281	46.42	100	100	8.77	0.01	0.01	
15231	15282	32.82	100	100	497.28	0.73	11.14	
15232	15283	50.83	100	100	88.17	0.13	0.45	
15233	15284	53.29	100	100	29.45	0.04	0.06	
15234	15285	66.79	100	100	142.63	0.21	1.1	
15235	15286	63.13	100	100	157.95	0.23	1.33	
15236	15287	102.68	100	100	81.75	0.12	0.39	
15237	15288	68.74	100	100	99.92	0.15	0.57	
15238	15289	70.6	100	100	148.77	0.22	1.19	
15239	15290	344.68	100	100	68.31	0.1	0.28	
15240	15291	135.8	100	100	39.57	0.06	0.1	
15241	15292	53.49	100	100	65.00	0.1	0.26	
15242	15293	177.71	100	100	255.61	0.38	3.25	
15243	15294	87.66	100	100	267.22	0.39	3.53	
15244	15295	66.35	100	100	0.00	0	0	
15245	15296	77.11	100	100	45.41	0.07	0.13	
15246	15297	244.54	100	100	0.32	0	0	
15247	15298	187.92	100	100	28.42	0.04	0.06	
15248	15299	369.75	100	100	1.13	0	0	
15249	15300	114.23	100	100	23.78	0.04	0.04	
15250	15301	54.55	100	100	62.34	0.09	0.24	
15251	15302	93.56	100	100	31.26	0.05	0.07	
15252	15303	55.21	100	100	203.86	0.3	2.14	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
15253	15304	165.32	100	100	55.35	0.08	0.19	
15254	15305	44.38	100	100	309.81	0.46	4.64	
15255	15306	43.25	100	100	211.92	0.31	2.29	
15256	15307	92.99	100	100	60.64	0.09	0.23	
15257	15308	243.21	100	100	45.92	0.07	0.14	
15258	15309	105.56	100	100	136.06	0.2	1.01	
15259	15310	104.7	100	100	48.71	0.07	0.15	
15260	15311	42.91	100	100	12.22	0.02	0.01	
15261	15312	170.52	100	100	36.30	0.05	0.09	
15262	15313	702.3	100	100	74.55	0.11	0.33	
15263	15314	896.42	100	100	27.89	0.04	0.05	
15264	15315	141.97	100	100	102.97	0.15	0.6	
15265	15316	45.34	100	100	4.48	0.01	0	
15266	15317	46.72	100	100	207.56	0.31	2.21	
15267	15318	43.84	100	100	86.29	0.13	0.43	
15268	15319	83.48	100	100	83.94	0.12	0.41	
15269	15320	87.61	100	100	104.81	0.15	0.62	
15270	15321	67.45	100	100	82.56	0.12	0.4	
15271	15322	68.63	100	100	137.66	0.2	1.03	
15272	15323	47.66	100	100	3.83	0.01	0	
15273	15324	26.71	100	100	67.22	0.1	0.27	
15274	15325	62.24	100	100	359.73	0.53	6.11	
15275	15326	58.13	100	100	13.94	0.02	0.01	
15276	15327	78.77	100	100	580.87	0.86	14.85	
15277	15328	20.44	100	100	171.32	0.25	1.55	
15278	15329	71.15	100	100	86.68	0.13	0.44	
15279	15330	108.18	100	100	132.31	0.19	0.96	
15280	15331	94.53	100	100	68.29	0.1	0.28	
15281	15332	45.52	100	100	71.06	0.1	0.3	
15282	15333	41.88	100	100	51.48	0.08	0.17	
15283	15334	94.1	100	100	156.16	0.23	1.3	
15284	15335	92.9	100	100	188.06	0.28	1.84	
15285	15336	94.14	100	100	98.47	0.15	0.55	
15286	15337	95.2	100	100	49.08	0.07	0.15	
15287	15338	93.16	100	100	269.87	0.4	3.59	
15288	15339	25.75	100	100	199.29	0.29	2.05	
15289	15340	27.9	100	100	101.73	0.15	0.59	
15290	15341	121.22	100	100	202.06	0.3	2.1	
15291	15342	90.96	100	100	186.23	0.27	1.81	
15292	15343	64.76	100	100	30.49	0.04	0.06	
15293	15344	488.88	100	100	9.54	0.01	0.01	
15294	15345	93.47	100	100	185.60	0.27	1.79	
15295	15346	140.52	100	100	0.66	0	0	
15296	15347	45.97	100	100	103.05	0.15	0.6	
15297	15348	55.81	100	100	8.52	0.01	0.01	
15298	15349	64.34	100	100	7.65	0.01	0	
15299	15350	54.94	100	100	104.77	0.15	0.62	
15300	15351	73.82	100	100	4.40	0.01	0	
15301	15352	280.33	100	100	663.07	0.98	18.97	
15302	15353	62.61	100	100	84.63	0.12	0.42	
15303	15354	139.55	100	100	44.18	0.07	0.13	
15304	15355	183.44	100	100	55.06	0.08	0.19	
15305	15356	42.78	100	100	171.63	0.25	1.55	
15306	15357	62.06	100	100	83.16	0.12	0.41	
15307	15358	93.7	100	100	64.56	0.1	0.25	
15308	15359	64.73	100	100	38.40	0.06	0.1	
15309	15360	94.95	100	100	36.77	0.05	0.09	
15310	15361	95.25	100	100	51.35	0.08	0.17	
15311	15362	100.99	100	100	90.82	0.13	0.48	
15312	15363	62.87	100	100	32.78	0.05	0.07	
15313	15364	94.78	100	100	43.23	0.06	0.12	
15314	15365	110.3	100	100	85.28	0.13	0.43	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
15315	15366	143.78	100	100	135.67	0.2	1	
15316	15367	40.83	100	100	640.83	0.94	17.81	
15317	15368	69.45	100	100	85.31	0.13	0.43	
15318	15369	100.63	100	100	31.19	0.05	0.07	
15319	15370	73.75	100	100	1.16	0	0	
15320	15371	43.14	100	100	62.13	0.09	0.24	
15321	15372	91.89	100	100	4.21	0.01	0	
15322	15373	329.14	100	100	17.28	0.03	0.02	
15323	15374	236.28	80	100	2.09	0	0	
15324	15375	115.46	100	100	37.74	0.06	0.09	
15325	15376	36.16	100	100	44.81	0.07	0.13	
15326	15377	35.94	100	100	63.18	0.09	0.24	
15327	15378	11.03	100	100	115.35	0.17	0.74	
15328	15379	38.77	100	100	140.39	0.21	1.07	
15329	15380	38.92	100	100	67.67	0.1	0.28	
15330	15381	26.96	100	100	80.15	0.12	0.38	
15331	15382	33.03	100	100	176.50	0.26	1.64	
15332	15383	76.15	100	100	43.70	0.06	0.12	
15333	15384	112.63	150	100	12.23	0.01	0	
15334	15385	162.09	100	100	21.14	0.03	0.03	
15335	15386	93.75	100	100	130.28	0.19	0.93	
15336	15387	43.58	100	100	102.61	0.15	0.6	
15337	15388	262.7	100	100	25.83	0.04	0.05	
15338	15389	71.18	100	100	18.65	0.03	0.03	
15339	15390	178.68	100	100	13.20	0.02	0.01	
15340	15391	116.1	100	100	35.55	0.05	0.08	
15341	15392	79.2	100	100	387.64	0.57	7.02	
15342	15393	54.54	100	100	280.27	0.41	3.85	
15343	15394	36.71	100	100	208.68	0.31	2.23	
15344	15395	114.39	100	100	346.73	0.51	5.71	
15345	15396	134.1	100	100	123.33	0.18	0.84	
15346	15397	92.83	100	100	382.71	0.56	6.86	
15347	15398	111.07	150	100	1,537.26	1.01	12.49	
15348	15399	37.79	100	100	389.78	0.57	7.09	
15349	15400	127.33	100	100	2.63	0	0	
15350	16689	58.18	100	100	0.46	0	0	
15351	15401	34.95	100	100	344.04	0.51	5.63	
15352	15402	52.17	100	100	245.78	0.36	3.02	
15353	15403	38.88	100	100	338.15	0.5	5.45	
15354	15404	39.25	100	100	328.58	0.48	5.17	
15355	15405	40.4	100	100	108.55	0.16	0.66	
15356	15406	202.21	100	100	40.08	0.06	0.11	
15357	15407	84.97	100	100	35.12	0.05	0.08	
15358	15408	171.08	100	100	138.42	0.2	1.04	
15359	15409	252.42	100	100	11.66	0.02	0.01	
15360	15410	45.06	100	100	58.65	0.09	0.21	
15361	15411	91.52	100	100	24.98	0.04	0.04	
15362	15412	77.36	100	100	33.15	0.05	0.07	
15363	15413	30.69	100	100	118.54	0.17	0.78	
15364	15414	32.28	100	100	82.34	0.12	0.4	
15365	15415	45.08	100	100	82.64	0.12	0.4	
15366	15416	42.65	100	100	113.07	0.17	0.72	
15367	15417	63.13	100	100	64.42	0.09	0.25	
15368	15418	44.06	100	100	13.31	0.02	0.01	
15369	15419	27.98	100	100	32.28	0.05	0.07	
15370	15420	584.11	100	100	20.90	0.03	0.03	
15371	15421	44.45	100	100	27.85	0.04	0.05	
15372	15422	55.22	100	100	60.64	0.09	0.23	
15373	15423	53.51	100	100	16.93	0.02	0.02	
15374	15424	54.81	100	100	13.57	0.02	0.01	
15375	15425	57.52	100	100	17.32	0.03	0.02	
15376	15426	58.43	100	100	22.53	0.03	0.04	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
15377	15427	22.57	100	100	33.49	0.05	0.08	
15378	15428	47.86	100	100	59.25	0.09	0.22	
15379	15429	46.52	100	100	95.20	0.14	0.52	
15380	15430	84.08	100	100	29.73	0.04	0.06	
15381	15431	49.42	100	100	22.99	0.03	0.04	
15382	15432	84.71	100	100	45.07	0.07	0.13	
15383	15433	39.19	100	100	83.38	0.12	0.41	
15384	15434	146.22	100	100	499.37	0.74	11.22	
15385	15435	38.91	100	100	83.41	0.12	0.41	
15386	15436	15.44	100	100	176.32	0.26	1.63	
15387	15437	56.38	100	100	109.46	0.16	0.67	
15388	15438	117.67	100	100	231.11	0.34	2.69	
15389	15439	106.11	100	100	55.33	0.08	0.19	
15390	15440	176.9	100	100	347.74	0.51	5.74	
15391	15441	79.19	100	100	13.80	0.02	0.01	
15392	15442	51.65	100	100	37.58	0.06	0.09	
15393	15443	19.56	100	100	121.74	0.18	0.82	
15394	15444	22.63	100	100	37.90	0.06	0.09	
15395	15445	68.23	100	100	2.10	0	0	
15396	15446	31.52	100	100	36.28	0.05	0.09	
15397	15447	128.75	100	100	112.15	0.17	0.71	
15398	15448	132.23	100	100	22.03	0.03	0.03	
15399	15449	99.69	100	100	189.51	0.28	1.87	
15400	15450	188.95	100	100	39.16	0.06	0.1	
15401	15451	52.52	100	100	42.39	0.06	0.12	
15402	15452	23.39	100	100	17.51	0.03	0.02	
15403	15453	15.86	100	100	54.12	0.08	0.18	
15404	15454	82.09	100	100	81.47	0.12	0.39	
15405	15455	75.8	100	100	50.98	0.08	0.16	
15406	15456	42.87	100	100	70.80	0.1	0.3	
15407	15457	99.87	100	100	115.18	0.17	0.74	
15408	15458	148.34	100	100	128.33	0.19	0.91	
15409	15459	43.31	100	100	150.45	0.22	1.22	
15410	15460	160.37	100	100	3.60	0.01	0	
15411	15461	137.11	100	100	242.51	0.36	2.95	
15412	15462	210.4	80	100	21.02	0.05	0.09	
15413	15463	40.62	100	100	154.07	0.23	1.27	
15414	15464	69.63	100	100	226.41	0.33	2.59	
15415	15465	184.62	100	100	145.08	0.21	1.14	
15416	15466	149.08	100	100	168.06	0.25	1.49	
15417	15467	86.04	100	100	102.09	0.15	0.59	
15418	15468	113.85	100	100	41.35	0.06	0.11	
15419	15469	154.88	100	100	21.63	0.03	0.03	
15420	15470	113.85	100	100	124.10	0.18	0.85	
15421	15471	134.28	100	100	90.25	0.13	0.47	
15422	15472	64.74	100	100	108.01	0.16	0.66	
15423	15473	120.01	100	100	109.35	0.16	0.67	
15424	15474	87.2	100	100	11.53	0.02	0.01	
15425	15475	112.19	100	100	65.83	0.1	0.26	
15426	15476	126.97	100	100	4.18	0.01	0	
15427	15477	65.03	100	100	16.70	0.02	0.02	
15428	15478	138.88	100	100	21.65	0.03	0.03	
15429	15479	44.53	100	100	25.09	0.04	0.04	
15430	15480	118.16	100	100	17.83	0.03	0.02	
15431	15481	20.99	100	100	20.63	0.03	0.03	
15432	15482	48.68	100	100	14.64	0.02	0.02	
15433	15483	83.77	100	100	40.46	0.06	0.11	
15434	15484	102.79	100	100	5.36	0.01	0	
15435	15485	50.35	100	100	24.15	0.04	0.04	
15436	15486	166.67	100	100	62.85	0.09	0.24	
15437	15487	194.18	100	100	7.70	0.01	0	
15438	15488	132.72	100	100	76.50	0.11	0.35	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
15439	15489	192.62	100	100	88.88	0.13	0.46	
15440	15490	12.32	100	100	185.30	0.27	1.79	
15441	15491	106.61	100	100	55.55	0.08	0.19	
15442	15492	68.48	100	100	101.69	0.15	0.59	
15443	15493	17.31	100	100	252.82	0.37	3.18	
15444	15494	165.1	100	100	16.96	0.02	0.02	
15445	15495	45.67	100	100	35.86	0.05	0.09	
15446	15496	34.79	100	100	31.36	0.05	0.07	
15447	15497	20.91	100	100	6.38	0.01	0	
15448	15498	73.3	100	100	91.54	0.13	0.48	
15449	15499	106.67	100	100	27.36	0.04	0.05	
15450	15500	45.46	100	100	35.25	0.05	0.08	
15451	15501	63.43	100	100	141.02	0.21	1.08	
15452	15502	62.47	100	100	64.93	0.1	0.26	
15453	15503	135.55	100	100	40.54	0.06	0.11	
15454	15504	82.41	100	100	9.34	0.01	0.01	
15455	15505	192.6	100	100	2.38	0	0	
15456	15506	122.55	100	100	4.05	0.01	0	
15457	15507	26.9	100	100	161.87	0.24	1.39	
15458	15508	33.76	100	100	162.87	0.24	1.41	
15459	15509	41.1	100	100	251.16	0.37	3.14	
15460	15510	49.77	100	100	16.92	0.02	0.02	
15461	15511	123.91	100	100	12.21	0.02	0.01	
15462	15512	124.85	100	100	105.11	0.15	0.63	
15463	15513	55.73	100	100	25.09	0.04	0.04	
15464	15514	127.39	100	100	52.34	0.08	0.17	
15465	15515	97.54	100	100	73.16	0.11	0.32	
15466	15516	51.67	100	100	56.89	0.08	0.2	
15467	15517	93.46	100	100	61.56	0.09	0.23	
15468	15518	171.86	100	100	1.85	0	0	
15469	15519	12.07	200	100	756.86	0.28	0.83	
15470	15520	386.9	100	100	3.99	0.01	0	
15471	15521	20.8	100	100	11.56	0.02	0.01	
15472	15522	138.17	100	100	29.30	0.04	0.06	
15473	15523	44.11	100	100	30.26	0.04	0.06	
15474	15524	135.48	100	100	566.01	0.83	14.15	
15475	15525	9.22	100	100	413.76	0.61	7.92	
15476	15526	114.94	100	100	143.92	0.21	1.12	
15477	15527	48.51	100	100	38.86	0.06	0.1	
15478	15528	83.3	100	100	66.16	0.1	0.27	
15479	15529	65.84	100	100	67.45	0.1	0.28	
15480	15530	102.56	100	100	63.06	0.09	0.24	
15481	15531	56.76	100	100	120.12	0.18	0.8	
15482	15532	64.5	100	100	365.98	0.54	6.31	
15483	15533	124.76	100	100	35.26	0.05	0.08	
15484	15534	39.99	100	100	52.70	0.08	0.17	
15485	15535	53.72	100	100	80.08	0.12	0.38	
15486	15536	52.63	100	100	10.30	0.02	0.01	
15487	15537	47.97	100	100	2.14	0	0	
15488	15538	108.27	100	100	33.42	0.05	0.08	
15489	15539	86.64	100	100	48.38	0.07	0.15	
15490	15540	564.33	100	100	509.21	0.75	11.64	
15491	15541	58.8	100	100	23.28	0.03	0.04	
15492	15542	66.59	100	100	98.25	0.14	0.55	
15493	15543	108.15	80	100	17.43	0.04	0.07	
15494	15544	142.25	100	100	101.76	0.15	0.59	
15495	15545	107.69	100	100	13.05	0.02	0.01	
15496	15546	51.21	100	100	130.92	0.19	0.94	
15497	15547	44.07	100	100	35.92	0.05	0.09	
15498	15548	52.14	100	100	115.94	0.17	0.75	
15499	15549	53.66	100	100	16.98	0.03	0.02	
15500	15550	107.16	100	100	41.74	0.06	0.11	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
15501	15551	83.17	100	100	57.54	0.08	0.21	
15502	15552	33.6	100	100	81.46	0.12	0.39	
15503	15553	48.7	100	100	71.65	0.11	0.31	
15504	15554	185.55	100	100	86.54	0.13	0.44	
15505	15555	133.82	100	100	104.65	0.15	0.62	
15506	15556	174.72	100	100	100.91	0.15	0.58	
15507	15557	51.55	100	100	84.13	0.12	0.41	
15508	15558	147.15	100	100	141.77	0.21	1.09	
15509	15559	36.94	100	100	16.30	0.02	0.02	
15510	15560	228.74	100	100	22.31	0.03	0.04	
15511	15561	64.93	100	100	119.95	0.18	0.8	
15512	15562	66.65	100	100	24.64	0.04	0.04	
15513	15563	44.86	100	100	55.62	0.08	0.19	
15514	15564	6.65	100	100	83.09	0.12	0.4	
15515	15565	2.72	100	100	101.61	0.15	0.59	
15516	15566	51.63	100	100	114.72	0.17	0.74	
15517	15567	17.33	100	100	124.26	0.18	0.85	
15518	15568	181.45	100	100	28.42	0.04	0.06	
15519	15569	22.47	100	100	13.38	0.02	0.01	
15520	15570	63.63	100	100	48.85	0.07	0.15	
15521	15571	106.99	100	100	1.23	0	0	
15522	15572	230.25	100	100	81.32	0.12	0.39	
15523	15573	124.14	100	100	5.70	0.01	0	
15524	15574	101.61	100	100	40.62	0.06	0.11	
15525	15575	89.26	100	100	100.51	0.15	0.58	
15526	15576	74.4	100	100	101.54	0.15	0.59	
15527	15577	24.98	100	100	89.49	0.13	0.46	
15528	15578	70.22	100	100	82.58	0.12	0.4	
15529	15579	20.2	100	100	154.75	0.23	1.28	
15530	15580	75.34	100	100	108.82	0.16	0.67	
15531	15581	332.91	100	100	62.26	0.09	0.24	
15532	15582	124.44	100	100	21.30	0.03	0.03	
15533	15583	37.57	100	100	13.69	0.02	0.01	
15534	15584	64.05	100	100	13.26	0.02	0.01	
15535	15585	85.21	100	100	31.74	0.05	0.07	
15536	15586	196.79	100	100	1.89	0	0	
15537	15587	77.64	100	100	98.14	0.14	0.55	
15538	15588	278.81	100	100	64.09	0.09	0.25	
15539	15589	57.4	100	100	168.77	0.25	1.51	
15540	15590	139.1	100	100	106.48	0.16	0.64	
15541	15591	48.79	100	100	74.57	0.11	0.33	
15542	15592	24.44	100	100	62.91	0.09	0.24	
15543	15593	49.19	100	100	131.17	0.19	0.94	
15544	15594	105.46	100	100	61.99	0.09	0.24	
15545	15595	76.41	100	100	43.02	0.06	0.12	
15546	15596	52.46	150	100	968.48	0.63	5.31	
15547	15597	122.95	100	100	34.24	0.05	0.08	
15548	15598	76	100	100	43.18	0.06	0.12	
15549	15599	41.38	100	100	1.63	0	0	
15550	15600	43.77	100	100	37.55	0.06	0.09	
15551	15601	22.97	100	100	1.96	0	0	
15552	15602	87.85	100	100	87.81	0.13	0.45	
15553	15603	67.3	100	100	58.26	0.09	0.21	
15554	15604	45.88	100	100	29.78	0.04	0.06	
15555	15605	59.33	100	100	13.60	0.02	0.01	
15556	15606	123.54	100	100	66.21	0.1	0.27	
15557	15607	51.9	100	100	129.42	0.19	0.92	
15558	15608	98.24	100	100	103.26	0.15	0.61	
15559	15609	85.25	100	100	34.53	0.05	0.08	
15560	15610	94.36	100	100	35.51	0.05	0.08	
15561	15611	39.43	100	100	47.95	0.07	0.15	
15562	15612	75.59	100	100	45.04	0.07	0.13	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
15563	15613	22.5	100	100	0.00	0	0	
15564	15614	70.58	100	100	12.18	0.02	0.01	
15565	15615	200.16	100	100	38.74	0.06	0.1	
15566	15616	171.39	100	100	130.17	0.19	0.93	
15567	15617	143.97	100	100	138.04	0.2	1.04	
15568	15618	21.71	100	100	186.39	0.27	1.81	
15569	15619	4.26	100	100	19.94	0.03	0.03	
15570	15620	17.76	100	100	431.32	0.64	8.56	
15571	15621	143.24	100	100	260.02	0.38	3.35	
15572	15622	51.85	100	100	183.39	0.27	1.76	
15573	15623	49.56	100	100	156.71	0.23	1.31	
15574	15624	49.03	100	100	101.94	0.15	0.59	
15575	15625	29.05	100	100	119.92	0.18	0.8	
15576	15626	24.63	100	100	276.30	0.41	3.75	
15577	15627	73.18	100	100	138.84	0.2	1.05	
15578	15628	115.98	100	100	29.85	0.04	0.06	
15579	15629	37.52	100	100	30.80	0.05	0.06	
15580	15630	38.96	100	100	2.41	0	0	
15581	15631	68.66	100	100	95.51	0.14	0.52	
15582	15632	26.87	100	100	68.15	0.1	0.28	
15583	15633	137.79	100	100	125.73	0.19	0.87	
15584	15634	58.14	100	100	109.16	0.16	0.67	
15585	15635	100.72	100	100	154.92	0.23	1.28	
15586	15636	44.39	100	100	114.28	0.17	0.73	
15587	15637	65.63	100	100	150.85	0.22	1.22	
15588	15638	257.11	100	100	139.15	0.21	1.05	
15589	15639	147.62	100	100	133.26	0.2	0.97	
15590	15640	78.66	100	100	106.04	0.16	0.64	
15591	15641	32.97	100	100	127.22	0.19	0.89	
15592	15642	80.7	100	100	123.31	0.18	0.84	
15593	15643	62.92	100	100	76.87	0.11	0.35	
15594	15644	147.79	100	100	21.62	0.03	0.03	
15595	15645	159.78	100	100	121.82	0.18	0.82	
15596	15646	66.25	100	100	122.07	0.18	0.83	
15597	15647	40.86	100	100	3.97	0.01	0	
15598	15648	95.61	100	100	7.85	0.01	0.01	
15599	15649	57.82	100	100	101.06	0.15	0.58	
15600	15650	37.54	100	100	2.48	0	0	
15601	15651	106.75	100	100	101.01	0.15	0.58	
15602	15652	19.3	100	100	114.34	0.17	0.73	
15603	15653	59.73	100	100	61.36	0.09	0.23	
15604	15654	109.24	100	100	8.09	0.01	0.01	
15605	15655	68.77	100	100	9.96	0.01	0.01	
15606	15656	108.46	100	100	76.06	0.11	0.34	
15607	15657	16.28	100	100	124.22	0.18	0.85	
15608	15658	80.47	100	100	69.38	0.1	0.29	
15609	15659	26.27	100	100	131.39	0.19	0.95	
15610	15660	66.05	100	100	93.31	0.14	0.5	
15611	15661	127.53	100	100	44.09	0.06	0.13	
15612	15662	50.44	100	100	117.36	0.17	0.77	
15613	15663	66.04	100	100	7.18	0.01	0	
15614	15664	32.02	100	100	28.96	0.04	0.06	
15615	15665	68.75	100	100	30.22	0.04	0.06	
15616	15666	86.64	100	100	8.31	0.01	0.01	
15617	15667	96.34	100	100	31.11	0.05	0.07	
15618	15668	43.54	100	100	22.40	0.03	0.04	
15619	15669	58.32	100	100	85.22	0.13	0.42	
15620	15670	42.39	100	100	51.81	0.08	0.17	
15621	15671	50.03	100	100	49.81	0.07	0.16	
15622	15672	43.93	100	100	186.16	0.27	1.8	
15623	15673	86.82	100	100	70.98	0.1	0.3	
15624	15674	62.89	100	100	100.68	0.15	0.58	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
15625	15675	69.45	100	100	19.33	0.03	0.03	
15626	15676	51.03	100	100	88.35	0.13	0.45	
15627	15677	523.69	100	100	52.30	0.08	0.17	
15628	15678	156.01	100	100	159.24	0.23	1.35	
15629	15679	159.26	100	100	168.49	0.25	1.5	
15630	15680	70.5	100	100	95.05	0.14	0.52	
15631	15681	102.32	100	100	44.21	0.07	0.13	
15632	15682	43.32	100	100	67.56	0.1	0.28	
15633	15683	107.19	100	100	78.63	0.12	0.37	
15634	15684	92.08	100	100	22.78	0.03	0.04	
15635	15685	27.16	100	100	72.69	0.11	0.32	
15636	15686	46.17	100	100	27.32	0.04	0.05	
15637	15687	94.99	100	100	75.20	0.11	0.34	
15638	15688	82.16	100	100	121.82	0.18	0.82	
15639	15689	83.44	100	100	21.49	0.03	0.03	
15640	15690	174.69	100	100	173.79	0.26	1.59	
15641	15691	112.92	100	100	180.60	0.27	1.71	
15642	15692	117.44	100	100	277.42	0.41	3.78	
15643	15693	67.51	100	100	149.41	0.22	1.2	
15644	15694	54.72	100	100	28.48	0.04	0.06	
15645	15695	124.41	100	100	253.61	0.37	3.2	
15646	15696	29.25	100	100	24.49	0.04	0.04	
15647	15697	99.31	100	100	89.91	0.13	0.47	
15648	15698	31.66	100	100	31.97	0.05	0.07	
15649	15699	179.96	100	100	8.54	0.01	0.01	
15650	15700	30.97	100	100	123.20	0.18	0.84	
15651	15701	19.78	100	100	246.43	0.36	3.03	
15652	15702	262.19	100	100	106.60	0.16	0.64	
15653	15703	104.92	100	100	126.24	0.19	0.88	
15654	15704	142.41	100	100	96.77	0.14	0.54	
15655	15705	49.25	100	100	33.22	0.05	0.07	
15656	15706	37.58	100	100	56.11	0.08	0.2	
15657	15707	60.24	100	100	139.69	0.21	1.06	
15658	15708	58.03	100	100	129.39	0.19	0.92	
15659	15709	250.48	100	100	144.85	0.21	1.13	
15660	15710	62.17	100	100	259.79	0.38	3.35	
15661	15711	68.5	100	100	302.49	0.45	4.43	
15662	15712	140.32	100	100	18.96	0.03	0.03	
15663	15713	123.32	100	100	34.24	0.05	0.08	
15664	15714	76.23	100	100	65.74	0.1	0.26	
15665	15715	49.28	100	100	16.91	0.02	0.02	
15666	15716	168.94	100	100	24.14	0.04	0.04	
15667	15717	126.7	100	100	28.76	0.04	0.06	
15668	15718	50.85	100	100	69.81	0.1	0.29	
15669	15719	99.1	100	100	33.48	0.05	0.08	
15670	15720	51.41	100	100	24.10	0.04	0.04	
15671	15721	100.13	100	100	8.10	0.01	0.01	
15672	15722	44.64	100	100	43.78	0.06	0.12	
15673	15723	45.94	100	100	57.95	0.09	0.21	
15674	15724	205.48	100	100	54.72	0.08	0.19	
15675	15725	40	100	100	30.28	0.04	0.06	
15676	15726	94.98	100	100	8.52	0.01	0.01	
15677	15727	87.18	100	100	25.69	0.04	0.05	
15678	15728	74.91	100	100	46.17	0.07	0.14	
15679	15729	56.55	100	100	60.12	0.09	0.22	
15680	15730	124.64	100	100	24.08	0.04	0.04	
15681	15731	33.92	100	100	12.47	0.02	0.01	
15682	15732	87.67	100	100	25.02	0.04	0.04	
15683	15733	53.58	100	100	39.60	0.06	0.1	
15684	15734	92.39	100	100	17.27	0.03	0.02	
15685	15735	65.42	100	100	17.37	0.03	0.02	
15686	15736	23.65	100	100	46.10	0.07	0.14	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
15687	15737	90.86	100	100	63.82	0.09	0.25	
15688	15738	221.18	100	100	28.73	0.04	0.06	
15689	15739	63.76	100	100	126.37	0.19	0.88	
15690	15740	62.87	100	100	73.69	0.11	0.32	
15691	15741	49.31	100	100	41.76	0.06	0.11	
15692	15742	81.78	100	100	50.37	0.07	0.16	
15693	15743	57.94	100	100	175.32	0.26	1.62	
15694	15744	121.5	100	100	78.14	0.12	0.36	
15695	15745	46.47	100	100	16.66	0.02	0.02	
15696	15746	82.21	100	100	65.10	0.1	0.26	
15697	15747	47.3	100	100	72.04	0.11	0.31	
15698	15748	131.47	200	100	150.90	0.06	0.04	
15699	15749	46.16	100	100	2.92	0	0	
15700	15750	85.09	100	100	56.08	0.08	0.2	
15701	15751	42.7	100	100	99.39	0.15	0.56	
15702	15752	25	100	100	1.09	0	0	
15703	15753	55.47	100	100	30.74	0.05	0.06	
15704	15754	55.25	100	100	23.35	0.03	0.04	
15705	15755	88.54	100	100	268.90	0.4	3.57	
15706	15756	73.04	100	100	19.87	0.03	0.03	
15707	15757	122.16	100	100	71.34	0.11	0.31	
15708	15758	13.23	100	100	0.74	0	0	
15709	15759	80.42	100	100	34.66	0.05	0.08	
15710	15760	65.45	100	100	113.14	0.17	0.72	
15711	15761	63.07	100	100	77.12	0.11	0.35	
15712	15762	89.86	100	100	53.46	0.08	0.18	
15713	15763	62.92	100	100	36.81	0.05	0.09	
15714	15764	41.4	100	100	20.08	0.03	0.03	
15715	15765	33.59	100	100	106.31	0.16	0.64	
15716	15766	99.29	100	100	60.20	0.09	0.22	
15717	15767	48.65	100	100	14.64	0.02	0.02	
15718	15768	63.77	100	100	4.51	0.01	0	
15719	15769	93.97	100	100	55.36	0.08	0.19	
15720	15770	6.85	100	100	233.94	0.34	2.76	
15721	15771	27.39	100	100	25.46	0.04	0.05	
15722	15772	93.31	100	100	17.41	0.03	0.02	
15723	15773	76.45	100	100	70.31	0.1	0.3	
15724	15774	49.65	100	100	60.30	0.09	0.22	
15725	15775	38.66	100	100	49.87	0.07	0.16	
15726	15776	108.77	100	100	83.37	0.12	0.41	
15727	15777	44.21	100	100	24.62	0.04	0.04	
15728	15778	99.68	100	100	60.50	0.09	0.23	
15729	15779	82.92	100	100	125.32	0.18	0.87	
15730	15780	53.75	100	100	111.67	0.16	0.7	
15731	15781	65.08	100	100	73.06	0.11	0.32	
15732	15782	95.9	100	100	226.40	0.33	2.59	
15733	15783	184.56	100	100	196.51	0.29	2	
15734	15784	148.52	100	100	231.71	0.34	2.71	
15735	15785	70.74	100	100	4.48	0.01	0	
15736	15786	70.54	100	100	44.78	0.07	0.13	
15737	15787	352.65	100	100	133.11	0.2	0.97	
15738	15788	103.36	100	100	237.49	0.35	2.83	
15739	15789	121.2	100	100	72.29	0.11	0.31	
15740	15790	120.09	100	100	37.53	0.06	0.09	
15741	15791	102.86	100	100	9.60	0.01	0.01	
15742	15792	102.39	100	100	15.20	0.02	0.02	
15743	15793	97.74	100	100	71.21	0.1	0.3	
15744	15794	61.98	100	100	25.30	0.04	0.04	
15745	15795	59.97	100	100	0.01	0	0	
15746	15796	51.69	100	100	7.69	0.01	0.01	
15747	15797	48.35	100	100	92.20	0.14	0.49	
15748	15798	50.19	100	100	68.04	0.1	0.28	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
15749	15799	31.11	100	100	101.02	0.15	0.58	
15750	15800	84.62	100	100	64.35	0.09	0.25	
15751	15801	84.83	100	100	67.27	0.1	0.27	
15752	15802	48.98	100	100	22.84	0.03	0.04	
15753	15803	133.78	100	100	62.92	0.09	0.24	
15754	15804	39.31	100	100	59.62	0.09	0.22	
15755	15805	94.7	100	100	130.97	0.19	0.94	
15756	15806	86.99	100	100	130.85	0.19	0.94	
15757	15807	90.45	100	100	100.97	0.15	0.58	
15758	15808	90.79	100	100	19.64	0.03	0.03	
15759	15809	100.39	100	100	101.92	0.15	0.59	
15760	15810	24.93	100	100	69.99	0.1	0.3	
15761	15811	64.18	100	100	86.49	0.13	0.44	
15762	15812	98.92	100	100	91.31	0.13	0.48	
15763	15813	52.14	100	100	55.19	0.08	0.19	
15764	15814	50.5	100	100	28.51	0.04	0.06	
15765	15815	107.56	100	100	92.30	0.14	0.49	
15766	15816	289.58	100	100	237.35	0.35	2.83	
15767	15817	94.05	100	100	35.97	0.05	0.09	
15768	15818	182.95	100	100	45.33	0.07	0.13	
15769	15819	75.02	100	100	100.59	0.15	0.58	
15770	15820	74.63	100	100	32.20	0.05	0.07	
15771	15821	103.58	100	100	63.14	0.09	0.24	
15772	15822	154.19	100	100	54.63	0.08	0.19	
15773	15823	67.83	100	100	161.11	0.24	1.38	
15774	15824	38.46	100	100	48.14	0.07	0.15	
15775	15825	89.16	100	100	14.31	0.02	0.02	
15776	15826	32.1	100	100	56.02	0.08	0.2	
15777	15827	37.64	100	100	37.04	0.05	0.09	
15778	15828	20.11	100	100	89.72	0.13	0.47	
15779	15829	74.08	100	100	73.19	0.11	0.32	
15780	15830	35.11	100	100	116.84	0.17	0.76	
15781	15831	77.79	100	100	34.59	0.05	0.08	
15782	15832	58.61	100	100	42.93	0.06	0.12	
15783	15833	98.98	100	100	66.24	0.1	0.27	
15784	15834	89.02	100	100	119.77	0.18	0.8	
15785	15835	44.3	100	100	43.75	0.06	0.12	
15786	15836	46.88	100	100	65.87	0.1	0.26	
15787	15837	24.64	100	100	199.71	0.29	2.06	
15788	15838	40.89	100	100	67.80	0.1	0.28	
15789	15839	137.57	100	100	176.89	0.26	1.64	
15790	15840	89.78	100	100	86.55	0.13	0.44	
15791	15841	81.35	100	100	136.48	0.2	1.02	
15792	15842	81.25	100	100	141.99	0.21	1.09	
15793	15843	81.52	100	100	70.29	0.1	0.3	
15794	15844	122.27	100	100	48.06	0.07	0.15	
15795	15845	114.19	100	100	48.56	0.07	0.15	
15796	15846	66.43	100	100	37.54	0.06	0.09	
15797	15847	123.99	100	100	51.67	0.08	0.17	
15798	15848	168.4	100	100	76.55	0.11	0.35	
15799	15849	73.02	100	100	469.95	0.69	10.03	
15800	15850	310.77	100	100	15.63	0.02	0.02	
15801	15851	98	100	100	23.46	0.03	0.04	
15802	15852	383.56	100	100	168.07	0.25	1.49	
15803	15853	56.63	100	100	138.86	0.2	1.05	
15804	15854	117.08	100	100	120.99	0.18	0.81	
15805	15855	5.42	100	100	160.25	0.24	1.37	
15806	15856	136.43	100	100	83.15	0.12	0.41	
15807	15857	15.39	100	100	106.63	0.16	0.64	
15808	15858	201.34	100	100	104.31	0.15	0.62	
15809	15859	30.74	100	100	9.38	0.01	0.01	
15810	15860	263.12	100	100	150.28	0.22	1.21	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
15811	15861	137.89	100	100	101.11	0.15	0.58	
15812	15862	37.66	100	100	44.43	0.07	0.13	
15813	15863	56.71	100	100	119.46	0.18	0.79	
15814	15864	64.85	100	100	19.97	0.03	0.03	
15815	15865	48.08	100	100	224.67	0.33	2.56	
15816	15866	98.93	100	100	177.92	0.26	1.66	
15817	15867	108.09	100	100	100.23	0.15	0.57	
15818	15868	2182.39	100	100	76.35	0.11	0.35	
15819	15869	172.54	100	100	177.18	0.26	1.65	
15820	15870	47.9	100	100	18.10	0.03	0.02	
15821	15871	14.38	100	100	14.47	0.02	0.02	
15822	15872	22.44	100	100	14.28	0.02	0.02	
15823	15873	1662.29	100	100	356.99	0.53	6.03	
15824	15874	87.34	100	100	28.00	0.04	0.05	
15825	15875	67.93	100	100	42.93	0.06	0.12	
15826	15876	1306.62	100	100	495.13	0.73	11.05	
15827	15877	60.73	100	100	325.70	0.48	5.09	
15828	15878	54.9	100	100	369.13	0.54	6.41	
15829	15879	56.48	100	100	390.57	0.58	7.12	
15830	15880	166.73	100	100	97.16	0.14	0.54	
15831	15881	27.04	100	100	137.47	0.2	1.03	
15832	15882	42.65	100	100	92.70	0.14	0.5	
15833	15883	46.13	100	100	78.96	0.12	0.37	
15834	15884	76.17	100	100	55.09	0.08	0.19	
15835	15885	434.06	100	100	34.41	0.05	0.08	
15836	15886	94.53	100	100	180.85	0.27	1.71	
15837	15887	403.57	100	100	33.87	0.05	0.08	
15838	15888	413.76	100	100	41.87	0.06	0.11	
15839	15889	424.74	100	100	12.96	0.02	0.01	
15840	15890	483.68	100	100	12.08	0.02	0.01	
15841	15891	389.14	100	100	20.21	0.03	0.03	
15842	15892	364.54	100	100	36.59	0.05	0.09	
15843	15893	170.95	100	100	18.83	0.03	0.03	
15844	15894	35.27	100	100	132.72	0.2	0.96	
15845	15895	120.97	150	100	234.51	0.15	0.38	
15846	15896	618.25	100	100	42.34	0.06	0.12	
15847	15897	229.72	100	100	31.84	0.05	0.07	
15848	15898	358.1	100	100	93.36	0.14	0.5	
15849	15899	106.78	100	100	32.20	0.05	0.07	
15850	15900	192.34	100	100	6.55	0.01	0	
15851	15901	496.69	100	100	42.79	0.06	0.12	
15852	15902	173.27	80	100	13.37	0.03	0.04	
15853	15903	153.58	100	100	81.49	0.12	0.39	
15854	15904	14.01	150	100	1,787.83	1.17	16.53	
15855	15905	5.71	100	100	845.25	1.25	29.74	
15856	15906	104.9	100	100	0.01	0	0	
15857	15907	8.08	100	100	31.62	0.05	0.07	
15858	15908	9.79	100	100	3.50	0.01	0	
15859	15909	104.16	100	100	41.39	0.06	0.11	
15860	15910	37.19	100	100	54.12	0.08	0.18	
15861	15911	124.82	100	100	346.80	0.51	5.71	
15862	15912	38.35	100	100	92.54	0.14	0.49	
15863	15913	132.44	100	100	33.56	0.05	0.08	
15864	15914	581.94	100	100	0.00	0	0	
15865	15915	108.46	100	100	240.32	0.35	2.9	
15866	15916	193.95	100	100	39.36	0.06	0.1	
15867	15917	82.81	100	100	45.21	0.07	0.13	
15868	15918	444.83	100	100	199.18	0.29	2.05	
15869	15919	131.79	100	100	78.69	0.12	0.37	
15870	15920	110.84	100	100	38.86	0.06	0.1	
15871	15921	51.66	100	100	23.97	0.04	0.04	
15872	15922	43.76	100	100	32.41	0.05	0.07	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
15873	15923	125.25	200	100	1.36	0	0	
15874	15924	128.53	100	100	54.71	0.08	0.19	
15875	15925	67.85	100	100	73.62	0.11	0.32	
15876	15926	105.35	100	100	66.10	0.1	0.27	
15877	15927	255.37	100	100	196.94	0.29	2	
15878	15928	56.07	100	100	0.00	0	0	
15879	15929	81.58	100	100	90.11	0.13	0.47	
15880	15930	52.96	100	100	64.11	0.09	0.25	
15881	15931	131.54	100	100	2.58	0	0	
15882	15932	44.71	100	100	4.22	0.01	0	
15883	15933	9.98	100	100	0.01	0	0	
15884	15934	144.56	100	100	49.11	0.07	0.15	
15885	15935	126.02	100	100	8.18	0.01	0.01	
15886	15936	95.39	100	100	42.92	0.06	0.12	
15887	15937	85.14	100	100	101.32	0.15	0.59	
15888	15938	56.33	100	100	10.81	0.02	0.01	
15889	15939	112.03	100	100	18.79	0.03	0.03	
15890	15940	52.92	100	100	4.90	0.01	0	
15891	15941	170.58	100	100	57.93	0.09	0.21	
15892	15942	209.05	100	100	106.08	0.16	0.64	
15893	15943	72.5	100	100	26.86	0.04	0.05	
15894	15944	207.52	100	100	60.09	0.09	0.22	
15895	15945	40.46	100	100	148.25	0.22	1.18	
15896	15946	56.8	100	100	59.77	0.09	0.22	
15897	15947	54.55	100	100	79.98	0.12	0.38	
15898	15948	125.74	100	100	7.30	0.01	0	
15899	15949	66.54	100	100	16.12	0.02	0.02	
15900	15950	66.4	100	100	16.20	0.02	0.02	
15901	15951	201.43	100	100	17.27	0.03	0.02	
15902	15952	127.59	100	100	21.84	0.03	0.03	
15903	15953	89.75	100	100	19.17	0.03	0.03	
15904	15954	80.7	100	100	45.12	0.07	0.13	
15905	15955	87.96	100	100	96.23	0.14	0.53	
15906	15956	36.16	100	100	9.51	0.01	0.01	
15907	15957	100.39	100	100	102.67	0.15	0.6	
15908	15958	48.49	100	100	130.00	0.19	0.93	
15909	15959	163.16	100	100	0.00	0	0	
15910	15960	69.21	100	100	44.25	0.07	0.13	
15911	15961	52.75	100	100	98.93	0.15	0.56	
15912	15962	45.13	100	100	8.89	0.01	0.01	
15913	15963	51.59	100	100	142.95	0.21	1.11	
15914	15964	115.25	100	100	85.74	0.13	0.43	
15915	15965	106.74	100	100	26.10	0.04	0.05	
15916	15966	22.13	100	100	0.00	0	0	
15917	15967	49.8	100	100	260.77	0.38	3.37	
15918	15968	109.79	100	100	91.72	0.14	0.49	
15919	15969	110.73	100	100	81.59	0.12	0.39	
15920	15970	146.54	100	100	55.85	0.08	0.19	
15921	15971	82.53	100	100	134.25	0.2	0.99	
15922	15972	34.77	100	100	11.21	0.02	0.01	
15923	15973	145.24	100	100	91.02	0.13	0.48	
15924	15974	60.79	100	100	106.29	0.16	0.64	
15925	15975	62.91	100	100	22.98	0.03	0.04	
15926	15976	91.06	100	100	159.03	0.23	1.35	
15927	15977	75.9	100	100	103.22	0.15	0.61	
15928	15978	64.99	100	100	63.91	0.09	0.25	
15929	15979	77.97	100	100	36.99	0.05	0.09	
15930	15980	102.47	100	100	33.96	0.05	0.08	
15931	15981	71.12	100	100	229.91	0.34	2.67	
15932	15982	107.94	100	100	19.74	0.03	0.03	
15933	15983	100.9	100	100	51.33	0.08	0.17	
15934	15984	92.08	100	100	82.04	0.12	0.4	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
15935	15985	52.15	100	100	96.25	0.14	0.53	
15936	15986	29.53	100	100	84.24	0.12	0.42	
15937	15987	93.57	100	100	95.76	0.14	0.53	
15938	15988	44.45	100	100	7.57	0.01	0	
15939	15989	51.54	100	100	72.73	0.11	0.32	
15940	15990	62.83	100	100	67.05	0.1	0.27	
15941	15991	129.24	100	100	179.76	0.26	1.69	
15942	15992	127.35	100	100	163.73	0.24	1.42	
15943	15993	94.57	100	100	73.49	0.11	0.32	
15944	15994	195.91	100	100	115.31	0.17	0.74	
15945	15995	38.76	100	100	19.16	0.03	0.03	
15946	15996	912.67	100	100	513.75	0.76	11.83	
15947	15997	95.24	100	100	70.67	0.1	0.3	
15948	15998	43.9	100	100	53.49	0.08	0.18	
15949	15999	96.81	100	100	36.20	0.05	0.09	
15950	16000	321.49	100	100	24.27	0.04	0.04	
15951	16001	64.29	100	100	8.01	0.01	0.01	
15952	16002	5.96	100	100	82.83	0.12	0.4	
15953	16003	97.25	100	100	3.83	0.01	0	
15954	16004	99.65	100	100	55.42	0.08	0.19	
15955	16005	145.26	100	100	33.15	0.05	0.07	
15956	16006	83.85	100	100	8.23	0.01	0.01	
15957	16007	91.57	100	100	7.02	0.01	0	
15958	16008	85.77	100	100	8.58	0.01	0.01	
15959	16009	78.8	100	100	28.69	0.04	0.06	
15960	16010	73.8	100	100	58.49	0.09	0.21	
15961	16011	38.07	100	100	152.76	0.23	1.25	
15962	16012	32.45	100	100	7.75	0.01	0.01	
15963	16013	544.33	100	100	159.04	0.23	1.35	
15964	16014	119.82	100	100	50.26	0.07	0.16	
15965	16015	23.24	100	100	58.39	0.09	0.21	
15966	16016	143.06	100	100	24.31	0.04	0.04	
15967	16017	150.24	100	100	113.98	0.17	0.73	
15968	16018	38.84	100	100	57.20	0.08	0.2	
15969	16019	104.72	100	100	5.06	0.01	0	
15970	16020	102.44	100	100	21.48	0.03	0.03	
15971	16021	118.86	100	100	45.01	0.07	0.13	
15972	16022	205.41	100	100	49.90	0.07	0.16	
15973	16023	56.25	100	100	105.91	0.16	0.63	
15974	16024	192.92	100	100	256.23	0.38	3.26	
15975	16025	57.85	100	100	59.34	0.09	0.22	
15976	16026	149.51	100	100	561.41	0.83	13.94	
15977	16027	155.75	100	100	18.96	0.03	0.03	
15978	16028	137.07	100	100	88.14	0.13	0.45	
15979	16029	67.99	100	100	60.55	0.09	0.23	
15980	16030	82.93	100	100	7.89	0.01	0.01	
15981	16031	72.58	100	100	93.81	0.14	0.51	
15982	16032	66.68	100	100	264.69	0.39	3.46	
15983	16033	90.05	100	100	47.83	0.07	0.15	
15984	16034	65.58	100	100	37.38	0.06	0.09	
15985	16035	91.89	100	100	0.00	0	0	
15986	16036	88.38	100	100	8.73	0.01	0.01	
15987	16037	236.66	100	100	81.20	0.12	0.39	
15988	16038	29.04	100	100	0.00	0	0	
15989	16039	79.93	100	100	31.48	0.05	0.07	
15990	16040	28.62	100	100	17.74	0.03	0.02	
15991	16041	120.66	100	100	452.50	0.67	9.35	
15992	16042	255.87	100	100	17.05	0.03	0.02	
15993	16043	140.95	100	100	336.20	0.5	5.39	
15994	16044	90.47	250	100	841.86	0.2	0.34	
15995	16045	137.9	600	100	4,818.17	0.2	0.12	
15996	16046	1104.29	100	100	19.85	0.03	0.03	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
15997	16047	110.96	300	100	1,951.13	0.32	0.66	
15998	16049	10.19	300	100	3,891.19	0.64	2.38	
15999	16050	0.48	150	100	45.86	0.03	0.02	
16000	16051	32.53	300	100	157.02	0.03	0.01	
16001	16052	119.31	80	100	12.93	0.03	0.04	
16002	16053	11816.57	1000	100	45,198.40	0.67	0.64	
16003	16056	142.45	300	100	1,544.71	0.25	0.43	
16004	16057	88.8	150	100	239.63	0.16	0.4	
16005	16061	240.17	200	100	1,313.76	0.48	2.3	
16006	16062	205.44	150	100	1,833.03	1.2	17.31	
16007	16063	160.39	100	100	47.00	0.07	0.14	
16008	16064	137.41	80	100	20.91	0.05	0.09	
16009	16065	45.35	200	100	23.29	0.01	0	
16010	16066	52.6	400	100	0.00	0	0	
16011	16067	21.75	200	100	0.00	0	0	
16012	16070	47.29	100	100	0.00	0	0	
16013	16071	211.55	300	100	0.00	0	0	
16014	16072	72.48	300	100	0.00	0	0	
16015	16073	73.42	100	100	0.00	0	0	
16016	16074	147.28	100	100	0.00	0	0	
16017	16075	8.18	100	100	0.00	0	0	
16018	16076	69.49	300	100	0.00	0	0	
16019	16077	130.25	150	100	32.18	0.02	0.01	
16020	16078	180.32	80	100	33.22	0.08	0.22	
16021	16079	264.72	80	100	30.95	0.07	0.19	
16022	16082	183.55	80	100	0.00	0	0	
16023	16085	118.15	150	100	0.00	0	0	
16024	16086	51.2	150	100	0.00	0	0	
16025	16087	52.5	150	100	0.00	0	0	
16026	16089	54.67	80	100	0.00	0	0	
16027	16090	64.48	100	100	17.30	0.03	0.02	
16028	16091	67.2	150	100	0.00	0	0	
16029	16094	65.52	100	100	0.00	0	0	
16030	16095	180.94	200	100	0.00	0	0	
16031	16098	125.38	200	100	0.00	0	0	
16032	16099	87.26	100	100	0.00	0	0	
16033	16101	148.16	200	100	0.00	0	0	
16034	16102	50.08	100	100	0.00	0	0	
16035	16103	47.8	100	100	0.00	0	0	
16036	16104	44.98	100	100	0.00	0	0	
16037	16105	156.9	150	100	0.00	0	0	
16038	16107	49.28	100	100	0.00	0	0	
16039	16108	0.44	150	100	86.27	0.06	0.06	
16040	16109	104.08	100	100	0.01	0	0	
16041	16110	48.75	100	100	97.03	0.14	0.54	
16042	16111	15.53	200	100	136.76	0.05	0.03	
16043	16112	35.38	150	100	0.00	0	0	
16044	16115	0.91	150	100	83.80	0.05	0.05	
16045	16116	49.22	100	100	29.12	0.04	0.06	
16046	16119	99.81	100	100	0.00	0	0	
16047	16120	164.41	150	100	0.00	0	0	
16048	16121	20.73	150	100	0.00	0	0	
16049	16125	35.76	150	100	0.00	0	0	
16050	16126	79.74	100	100	0.00	0	0	
16051	16127	34.84	100	100	0.00	0	0	
16052	16130	31.94	150	100	0.00	0	0	
16053	16131	99.96	150	100	0.00	0	0	
16054	16135	326.17	100	100	0.00	0	0	
16055	16136	36.12	100	100	0.01	0	0	
16056	16137	100.8	100	100	0.01	0	0	
16057	16138	17.2	150	100	0.01	0	0	
16058	16140	91.51	100	100	0.01	0	0	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
16059	16141	62.31	100	100	0.01	0	0	
16060	16142	87.76	150	100	0.01	0	0	
16061	16144	105.86	200	100	24.08	0.01	0	
16062	16146	134.98	200	100	0.01	0	0	
16063	16148	181.27	200	100	0.00	0	0	
16064	16149	37.99	100	100	0.00	0	0	
16065	16151	47.48	80	100	0.00	0	0	
16066	16155	515.95	200	100	0.00	0	0	
16067	16156	121.37	100	100	0.01	0	0	
16068	16157	51.55	150	100	0.01	0	0	
16069	16158	155.31	100	100	0.01	0	0	
16070	16159	643.11	300	100	26.19	0	0	
16071	16160	124.18	100	100	0.01	0	0	
16072	16161	49.6	150	100	0.01	0	0	
16073	16162	133.13	100	100	52.08	0.08	0.17	
16074	16164	66.73	100	100	52.90	0.08	0.18	
16075	16165	304.95	150	100	0.00	0	0	
16076	16167	79.38	350	100	0.00	0	0	
16077	16170	237.4	100	100	0.00	0	0	
16078	16172	88.97	100	100	0.00	0	0	
16079	16173	46.15	100	100	0.00	0	0	
16080	16174	41.91	100	100	0.00	0	0	
16081	16176	91.48	100	100	0.00	0	0	
16082	16177	65.84	100	100	0.00	0	0	
16083	16178	81.92	100	100	3.76	0.01	0	
16084	16182	596.82	200	100	0.00	0	0	
16085	16183	140.15	100	100	0.00	0	0	
16086	16184	154.37	150	100	0.00	0	0	
16087	16186	76.16	150	100	0.00	0	0	
16088	16189	4.49	200	100	105.17	0.04	0.02	
16089	16190	120.49	100	100	0.00	0	0	
16090	16191	163.1	150	100	0.00	0	0	
16091	16193	128.63	100	100	0.00	0	0	
16092	16195	163.92	150	100	0.00	0	0	
16093	16196	70.43	200	100	0.00	0	0	
16094	16197	71.63	150	100	0.00	0	0	
16095	16200	95.77	100	100	0.00	0	0	
16096	16201	67.91	100	100	53.72	0.08	0.18	
16097	16205	1.58	400	100	0.00	0	0	
16098	16206	4.19	200	100	1.987.85	0.73	4.95	
16099	16209	63.88	150	100	18.05	0.01	0	
16100	16210	127.81	100	100	0.00	0	0	
16101	16211	68.65	150	100	0.00	0	0	
16102	16213	38.41	150	100	0.00	0	0	
16103	16216	191.11	150	100	0.00	0	0	
16104	16217	71.9	100	100	0.00	0	0	
16105	16224	79.34	150	100	0.00	0	0	
16106	16229	262.72	200	100	0.00	0	0	
16107	16231	24.14	150	100	0.00	0	0	
16108	16234	66.68	100	100	0.00	0	0	
16109	16237	68.81	100	100	0.00	0	0	
16110	16238	168.24	200	100	0.00	0	0	
16111	16239	57.5	150	100	0.00	0	0	
16112	16240	0.84	150	100	0.00	0	0	
16113	16243	139.01	300	100	0.00	0	0	
16114	16245	102.64	80	100	0.01	0	0	
16115	16246	146.26	100	100	0.01	0	0	
16116	16248	12.24	100	100	0.00	0	0	
16117	16250	83	80	100	0.00	0	0	
16118	16251	83.7603	80	100	0.00	0	0	
16119	16255	96.4	80	100	0.00	0	0	
16120	16257	122.22	80	100	0.00	0	0	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
16121	16260	122.3	100	100	0.00	0	0	
16122	16264	19.42	400	100	0.00	0	0	
16123	16265	485.77	150	100	0.00	0	0	
16124	16266	188.77	350	100	0.00	0	0	
16125	16268	144.77	100	100	0.00	0	0	
16126	16269	142.98	100	100	0.00	0	0	
16127	16271	58.54	300	100	0.00	0	0	
16128	16272	39.23	300	100	4.947.30	0.81	3.72	
16129	16273	219.75	100	100	0.00	0	0	
16130	16274	308.82	200	100	0.00	0	0	
16131	16275	23.83	150	100	21.88	0.01	0	
16132	16276	3496.87	100	100	0.00	0	0	
16133	16277	38.29	150	100	0.00	0	0	
16134	16279	105.95	150	100	0.00	0	0	
16135	16280	43.09	150	100	0.01	0	0	
16136	16282	125.49	250	100	840.55	0.2	0.34	
16137	16283	456.51	150	100	0.00	0	0	
16138	16285	1.12	200	100	0.00	0	0	
16139	16289	1.57	150	100	163.82	0.11	0.2	
16140	16290	1.52	100	100	217.13	0.32	2.4	
16141	16294	0.29	150	100	181.98	0.12	0.26	
16142	16295	33.12	150	100	0.01	0	0	
16143	16296	1586.68	150	100	152.94	0.1	0.17	
16144	16297	2107.53	150	100	222.32	0.15	0.35	
16145	16298	2724.09	150	100	366.64	0.24	0.88	
16146	16299	3392.67	100	100	0.03	0	0	
16147	16301	248.21	100	100	25.31	0.04	0.04	
16148	16303	121.15	150	100	0.00	0	0	
16149	16304	200.25	200	100	1.121.72	0.41	1.72	
16150	16306	84.86	150	100	0.00	0	0	
16151	16307	18.03	100	100	287.86	0.42	4.05	
16152	16308	123.19	150	100	287.87	0.19	0.56	
16153	16310	4.99	200	100	0.00	0	0	
16154	16311	1224.18	100	100	292.41	0.43	4.17	
16155	16312	2.23	150	100	943.30	0.62	5.06	
16156	16313	137.91	100	100	0.00	0	0	
16157	16316	0.38	150	100	1.231.00	0.81	8.3	
16158	16319	1.34	300	100	0.00	0	0	
16159	16321	68.43	150	100	78.87	0.05	0.05	
16160	16322	181.02	300	100	1.884.37	0.31	0.62	
16161	16323	997.95	100	100	13.19	0.02	0.01	
16162	16324	1457.05	100	100	1.82	0	0	
16163	16325	2248.06	150	100	126.47	0.08	0.12	
16164	16326	198.17	100	100	0.00	0	0	
16165	16327	1136.09	500	100	2.274.41	0.13	0.07	
16166	16328	1.17	400	100	0.01	0	0	
16167	16329	75.9	100	100	0.00	0	0	
16168	16330	605.63	100	100	117.48	0.17	0.77	
16169	16331	467.47	200	100	757.57	0.28	0.83	
16170	16332	1605.52	200	100	757.57	0.28	0.83	
16171	16333	1358.47	150	100	0.00	0	0	
16172	16334	1067.48	150	100	166.24	0.11	0.2	
16173	16335	33.82	300	100	256.68	0.04	0.02	
16174	16336	752.88	100	100	5.48	0.01	0	
16175	16337	13.29	250	100	7.249.33	1.71	18.35	
16176	16338	1.73	250	100	7.249.33	1.71	18.34	
16177	16339	1097.42	500	100	10.359.26	0.61	1.21	
16178	16340	92.5	100	100	0.01	0	0	
16179	16341	69.52	100	100	0.00	0	0	
16180	16344	69.93	80	100	0.01	0	0	
16181	16345	2.84	200	100	559.06	0.21	0.47	
16182	16346	0.67	200	100	283.46	0.1	0.12	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
16183	16347	35.15	150	100	2.792.14	1.83	37.73	
16184	16348	739.12	300	100	8.596.79	1.41	10.35	
16185	16349	265.67	300	100	4.082.55	0.67	2.61	
16186	16350	81.98	200	100	1.822.87	0.67	4.22	
16187	16351	93.44	80	100	0.01	0	0	
16188	16352	1118.94	250	100	2.544.53	0.6	2.64	
16189	16353	0.04	200	100	943.38	0.35	1.4	
16190	16354	8.55	200	100	0.01	0	0	
16191	16355	15.26	400	100	0.00	0	0	
16192	16356	1.76	200	100	1.562.38	0.58	3.17	
16193	16357	327.55	250	100	1.303.04	0.31	0.76	
16194	16358	1429.68	150	100	898.68	0.59	4.62	
16195	16359	2415.45	100	100	48.05	0.07	0.15	
16196	16360	37.01	100	100	0.00	0	0	
16197	16361	39.74	100	100	0.00	0	0	
16198	16362	80.21	100	100	18.68	0.03	0.03	
16199	16363	206.49	80	100	24.14	0.06	0.12	
16200	16364	1120.34	300	100	920.30	0.15	0.17	
16201	16365	0.6	400	100	5.536.12	0.51	1.13	
16202	16366	1053.14	500	100	4.638.34	0.27	0.27	
16203	16367	1342.66	250	100	4.638.34	1.09	8.02	
16204	16368	622.78	150	100	0.00	0	0	
16205	16369	3.03	300	100	2.845.62	0.47	1.34	
16206	16370	3.92	300	100	2.845.62	0.47	1.34	
16207	16371	1.51	200	100	0.00	0	0	
16208	16372	5.52	80	100	24.14	0.06	0.12	
16209	16373	1671.57	400	100	3.723.29	0.34	0.54	
16210	16374	225.58	250	100	150.66	0.04	0.01	
16211	16375	78.57	200	100	1.121.72	0.41	1.72	
16212	16377	267.12	150	100	0.00	0	0	
16213	16378	70.42	300	100	383.55	0.06	0.03	
16214	16379	84.92	150	100	0.00	0	0	
16215	16380	281.72	80	100	30.95	0.07	0.19	
16216	16383	49.91	300	100	0.00	0	0	
16217	16384	0.75	200	100	0.00	0	0	
16218	16386	56.62	150	100	0.00	0	0	
16219	16387	709.86	150	100	383.55	0.25	0.96	
16220	16388	171.66	150	100	0.00	0	0	
16221	16391	49.22	100	100	0.00	0	0	
16222	16394	176.33	100	100	0.00	0	0	
16223	16396	16.06	350	100	0.00	0	0	
16224	16398	350.44	200	100	465.42	0.17	0.34	
16225	16399	87.36	150	100	126.47	0.08	0.12	
16226	16400	2287.41	100	100	1.82	0	0	
16227	16401	389.69	150	100	0.00	0	0	
16228	16405	1089.04	100	100	13.19	0.02	0.01	
16229	16406	163.51	200	100	0.00	0	0	
16230	16407	75.63	80	100	0.00	0	0	
16231	16408	111.28	200	100	0.00	0	0	
16232	16410	64.69	80	100	0.00	0	0	
16233	16413	65	80	100	0.00	0	0	
16234	16414	112.61	80	100	0.00	0	0	
16235	16416	36.24	300	100	1.884.37	0.31	0.62	
16236	16418	167.5	250	100	0.00	0	0	
16237	16419	59.13	250	100	0.00	0	0	
16238	16420	63.23	200	100	0.00	0	0	
16239	16421	42.32	200	100	0.00	0	0	
16240	16428	892.14	100	100	0.00	0	0	
16241	16432	40.04	80	100	0.00	0	0	
16242	16433	773.39	400	100	5.536.12	0.51	1.13	
16243	16434	1759.27	300	100	256.68	0.04	0.02	
16244	16435	175.02	300	100	920.30	0.15	0.17	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
16245	16438	721.38	150	100	555.67	0.36	1.9	
16246	16439	621.78	150	100	166.24	0.11	0.2	
16247	16440	0.55	100	100	47.00	0.07	0.14	
16248	16441	1251.95	100	100	555.67	0.82	13.68	
16249	16442	35.9	100	100	0.00	0	0	
16250	16443	62.47	100	100	0.01	0	0	
16251	16444	24.16	80	100	0.01	0	0	
16252	16445	597.19	300	100	1,819.63	0.3	0.58	
16253	16446	59.53	300	100	1,836.02	0.3	0.59	
16254	16447	51.03	100	100	0.00	0	0	
16255	16448	219.33	150	100	0.00	0	0	
16256	16451	38.62	100	100	0.00	0	0	
16257	16452	79.82	100	100	0.00	0	0	
16258	16454	842.21	200	100	1,562.38	0.58	3.17	
16259	16456	54.86	150	100	0.00	0	0	
16260	16457	190.02	200	100	49.02	0.02	0.01	
16261	16458	0.23	100	100	0.00	0	0	
16262	16462	106.1	80	100	0.01	0	0	
16263	16465	90.88	80	100	0.00	0	0	
16264	16468	10.13	300	100	248.78	0.04	0.01	
16265	16470	427.67	250	100	1,303.04	0.31	0.76	
16266	16471	0.03	250	100	2,544.53	0.6	2.48	
16267	16472	649.94	200	100	943.38	0.35	1.25	
16268	16473	106.36	200	100	0.01	0	0	
16269	16476	8.98	200	100	248.78	0.09	0.11	
16270	16478	173.11	200	100	0.01	0	0	
16271	16480	347.86	200	100	0.00	0	0	
16272	16484	84.42	150	100	0.00	0	0	
16273	16487	279.9	150	100	0.01	0	0	
16274	16489	33.53	150	100	83.80	0.05	0.06	
16275	16495	1.54	150	100	898.68	0.59	4.63	
16276	16497	36.42	100	100	0.00	0	0	
16277	16500	136.97	100	100	0.01	0	0	
16278	16501	119.2	100	100	0.01	0	0	
16279	16504	63.55	100	100	0.01	0	0	
16280	16508	110.29	100	100	0.00	0	0	
16281	16510	102.11	150	100	0.00	0	0	
16282	16513	48.01	100	100	0.00	0	0	
16283	16516	1.59	100	100	18.68	0.03	0.02	
16284	16519	52.51	100	100	0.01	0	0	
16285	16520	60.03	100	100	0.01	0	0	
16286	16521	227.96	80	100	0.00	0	0	
16287	16522	43.09	100	100	0.00	0	0	
16288	16523	97.59	150	100	86.27	0.06	0.06	
16289	16524	1.53	100	100	48.05	0.07	0.15	
16290	16525	1.8	150	100	2,792.14	1.83	37.73	
16291	16527	75.19	150	100	16.03	0.01	0	
16292	16529	2.28	200	100	1,771.74	0.65	4	
16293	16530	35.05	500	100	10,359.26	0.61	1.21	
16294	16532	24.44	100	100	0.00	0	0	
16295	16534	154.38	250	100	0.00	0	0	
16296	16536	155.69	150	100	0.00	0	0	
16297	16538	434.6	80	100	7.80	0.02	0.01	
16298	16539	238.88	300	100	0.00	0	0	
16299	16540	106.92	300	100	0.00	0	0	
16300	16541	1.7	300	100	0.00	0	0	
16301	16542	153.11	200	100	757.57	0.28	0.83	
16302	16546	47.72	200	100	0.00	0	0	
16303	16549	174.72	150	100	0.00	0	0	
16304	16550	2.45	150	100	21.88	0.01	0.01	
16305	16551	43.02	150	100	34.06	0.02	0.01	
16306	16552	65.88	150	100	0.00	0	0	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
16307	16553	139.07	150	100	0.00	0	0	
16308	16555	92.45	150	100	1.082.57	0.71	6.53	
16309	16558	96.51	100	100	0.00	0	0	
16310	16560	186.69	100	100	0.00	0	0	
16311	16564	672.6	100	100	117.48	0.17	0.77	
16312	16565	48.84	100	100	0.00	0	0	
16313	16567	3.33	150	100	341.83	0.22	0.77	
16314	16568	168.88	100	100	0.00	0	0	
16315	16569	187.67	300	100	1.771.75	0.29	0.56	
16316	16570	105.86	80	100	42.91	0.1	0.35	
16317	16571	38.93	150	100	0.00	0	0	
16318	16572	153.95	100	100	0.00	0	0	
16319	16573	65.93	100	100	76.71	0.11	0.35	
16320	16574	108.39	200	100	42.37	0.02	0	
16321	16576	116.6	150	100	0.00	0	0	
16322	16577	187.92	100	100	0.00	0	0	
16323	16578	20.47	400	100	4.368.28	0.4	0.73	
16324	16579	48.52	400	100	0.00	0	0	
16325	16580	67.26	150	100	0.02	0	0	
16326	16581	595.57	200	100	600.90	0.22	0.54	
16327	16582	94.19	150	100	0.00	0	0	
16328	16583	100.59	150	100	163.82	0.11	0.2	
16329	16584	48.17	200	100	701.35	0.26	0.72	
16330	16585	42.62	200	100	0.00	0	0	
16331	16586	228.94	150	100	0.00	0	0	
16332	16588	81.79	200	100	0.00	0	0	
16333	16590	0.54	300	100	8.596.79	1.41	10.35	
16334	16592	41.53	150	100	0.01	0	0	
16335	16596	277.58	300	100	1.544.71	0.25	0.43	
16336	16597	65.01	100	100	0.00	0	0	
16337	16601	69.25	150	100	0.00	0	0	
16338	16602	25.16	100	100	0.00	0	0	
16339	16604	62.61	200	100	0.00	0	0	
16340	16607	70.34	100	100	0.00	0	0	
16341	16609	13.06	300	100	4.082.55	0.67	2.61	
16342	16612	61.41	200	100	1.822.87	0.67	4.22	
16343	16614	0.74	100	100	3.76	0.01	0	
16344	16615	428.48	200	100	0.01	0	0	
16345	16616	325.04	150	100	152.94	0.1	0.17	
16346	16617	12.25	500	100	4.848.44	0.29	0.3	
16347	16618	12	400	100	4.838.26	0.45	0.88	
16348	16619	2779.62	200	100	580.70	0.21	0.51	
16349	16620	755.15	100	100	0.03	0	0	
16350	16621	34.1	150	100	366.64	0.24	0.88	
16351	16622	167.98	80	100	0.00	0	0	
16352	16625	25.81	150	100	0.01	0	0	
16353	16626	265.92	400	100	78.86	0.01	0	
16354	16627	62.54	350	100	0.00	0	0	
16355	16630	195.39	400	100	1.987.85	0.18	0.17	
16356	16631	2091	300	100	2.189.49	0.36	0.82	
16357	16632	1.58	250	100	0.00	0	0	
16358	16633	854.69	250	100	7.249.33	1.71	18.34	
16359	16634	61.84	250	100	0.01	0	0	
16360	16638	683.55	200	100	751.82	0.28	0.82	
16361	16639	33.91	200	100	0.00	0	0	
16362	16640	96.11	200	100	105.17	0.04	0.02	
16363	16641	77.21	200	100	708.97	0.26	0.73	
16364	16642	249.48	200	100	559.06	0.21	0.47	
16365	16643	91.45	150	100	222.32	0.15	0.35	
16366	16644	143.36	150	100	0.00	0	0	
16367	16645	126.93	150	100	0.00	0	0	
16368	16648	168.81	150	100	0.00	0	0	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
16369	16649	52.46	100	100	0.00	0	0	
16370	16650	224.47	80	100	0.00	0	0	
16371	16651	49.46	150	100	0.00	0	0	
16372	16652	122.87	150	100	943.30	0.62	5.06	
16373	16655	272.54	150	100	0.01	0	0	
16374	16656	0.23	150	100	0.00	0	0	
16375	16657	530.43	150	100	0.00	0	0	
16376	16658	1.11	150	100	0.00	0	0	
16377	16661	36.48	150	100	0.00	0	0	
16378	16663	117.76	100	100	0.00	0	0	
16379	16664	101.07	100	100	217.13	0.32	2.4	
16380	16665	93.76	100	100	0.00	0	0	
16381	16667	58.39	100	100	0.01	0	0	
16382	16668	26.54	100	100	0.00	0	0	
16383	16670	64.11	100	100	0.00	0	0	
16384	16672	103.42	100	100	20.03	0.03	0.03	
16385	16673	53.34	100	100	0.00	0	0	
16386	16676	16.77	300	100	4,368.28	0.72	2.95	
16387	16677	2766.21	100	100	292.41	0.43	4.16	
16388	16678	64.32	150	100	1,231.00	0.81	8.28	
16389	16681	48.86	200	100	283.46	0.1	0.13	
16390	16690	2.51	100	100	5.48	0.01	0	
16391	16691	2.36	80	100	7.80	0.02	0.02	
16392	16692	100.1	80	100	14.21	0.03	0.05	
16393	16693	2.33	200	100	1,662.77	0.61	3.56	
16394	16694	10.8	400	100	2,297.55	0.21	0.22	
16395	16697	36.15	1000	100	45,199.20	0.67	0.64	
16396	16701	8.76	150	100	1,224.02	0.8	8.19	
16397	16702	149.97	600	100	5,699.72	0.23	0.17	
16398	16703	36.12	350	100	256.68	0.03	0.01	
16399	6651	5	200	100	1,078.12	0.4	1.59	
16400	1	7.63	100	100	119.63	0.18	0.8	
16401	3	15.9786	100	100	141.85	0.21	1.09	
16402	13709	158.3997	80	100	0.00	0	0	
16403	16154	42.13	80	100	0.00	0	0	
16404	16166	137.25	80	100	0.00	0	0	
16405	16175	601.8529	500	100	6,420.37	0.38	0.5	
16406	16187	90	150	100	19.09	0.01	0	
16407	14	87.56	100	100	0.01	0	0	
16408	16	62.31	100	100	0.01	0	0	
16409	16118	35	300	100	3,760.99	0.62	2.24	
16410	16122	695	300	100	577.41	0.09	0.07	
16411	16124	35	200	100	1,051.51	0.39	1.52	
16412	16129	149	100	100	760.81	1.12	24.48	
16413	8804	166.68	300	100	35.12	0.01	0	
16414	16055	5	200	100	284.72	0.1	0.14	
16415	16080	5	250	100	7,249.33	1.71	18.34	
16416	16117	100	350	100	2,746.90	0.33	0.59	
16417	16132	400	350	100	2,746.90	0.33	0.59	
16418	16134	340	400	100	4,903.62	0.45	0.9	
16419	16139	725	400	100	4,903.62	0.45	0.9	
16420	16143	120	150	100	1,639.30	1.07	14.07	
16421	16145	1	400	100	0.00	0	0	
16422	16147	15	400	100	0.00	0	0	
16423	16150	10	400	100	3,264.32	0.3	0.42	
16424	16152	1	400	100	0.00	0	0	
16425	16153	1585	400	100	7,818.20	0.72	2.14	
16426	16163	130	300	100	5,761.60	0.94	4.93	
16427	16168	120	300	100	5,730.40	0.94	4.88	
16428	16169	465	400	100	10,979.80	1.01	4.01	
16429	16171	2870	300	100	3,952.00	0.65	2.45	
16430	16179	4775	300	100	4,009.20	0.66	2.52	

2.2 대전광역시 관로 관망해석자료 (2025년)

번호	관로 번호	연장 (m)	관경 (mm)	조도 계수	유량 (CMD)	유속 (m/s)	손실수두 (m/km)	비고
16431	16185	110	100	100	361.40	0.53	6.17	
16432	16192	125	150	100	1,727.70	1.13	15.51	
16433	16194	75	150	100	865.80	0.57	4.31	
16434	16198	70	150	100	1,168.70	0.77	7.52	
16435	16199	105	200	100	1,558.70	0.57	3.16	
16436	16202	170	300	100	5,151.90	0.84	4.01	
16437	16203	1560	400	100	12,613.90	1.16	5.18	
16438	16207	265	250	100	3,117.40	0.74	3.84	
16439	16208	720	250	100	3,801.20	0.9	5.55	
16440	16212	175	200	100	3,018.60	1.11	10.74	
16441	16214	170	200	100	1,688.70	0.62	3.66	
16442	16215	900	600	100	30,810.00	1.26	3.76	
16443	16218	40	200	100	605.80	0.22	0.55	
16444	16219	911	2300	100	101,668.80	0.28	0.05	
16445	16220	2580	1650	100	64,504.52	0.35	0.11	
16446	16221	2875	1650	100	18,194.84	0.1	0.01	
16447	16222	2989	1650	100	18,194.84	0.1	0.01	
16448	16223	1358	1200	100	18,194.84	0.19	0.05	
16449	16225	50	900	100	18,194.84	0.33	0.2	
16450	16226	70	600	100	46,309.67	1.9	8	
16451	16227	157	700	100	3,939.82	0.12	0.04	

