

Storm Sewer Inventory Report

Line No.	Alignment				Flow Data				Physical Data								Line ID
	Dnstr Line No.	Line Length (ft)	Defl angle (deg)	Junc Type	Known Q (cfs)	Drng Area (ac)	Runoff Coeff (C)	Inlet Time (min)	Invert El Dn (ft)	Line Slope (%)	Invert El Up (ft)	Line Size (in)	Line Shape	N Value (n)	J-Loss Coeff (K)	Inlet/ Rim El (ft)	
1	End	16.000	-130.000	Curb	0.00	0.20	0.95	5.0	986.47	1.06	986.64	30	Cir	0.028	1.20	991.94	
2	1	44.000	40.000	Curb	0.00	0.72	0.95	5.0	986.83	1.07	987.30	30	Cir	0.013	0.59	991.94	
3	2	20.000	-20.000	Hdwl	0.00	5.14	0.25	15.0	988.05	17.75	991.60	24	Cir	0.028	1.00	994.50	
4	1	280.000	-50.000	Curb	0.00	0.10	0.95	5.0	986.69	0.75	988.80	30	Cir	0.028	1.50	994.55	
5	4	44.000	90.000	Curb	0.00	0.48	0.95	5.0	988.95	0.91	989.35	30	Cir	0.013	1.43	994.55	
6	5	40.000	-70.000	Grate	0.00	0.33	0.95	5.0	989.95	0.80	990.27	24	Cir	0.028	1.43	994.40	
7	6	50.000	70.000	Hdwl	0.00	3.00	0.45	15.0	990.77	5.86	993.70	12	Cir(2b)	0.013	1.00	998.00	
Phase-III-211th												Number of lines: 7				Date: 4/10/2018	

Storm Sewer Summary Report

Line No.	Line ID	Flow rate (cfs)	Line Size (in)	Line shape	Line length (ft)	Invert EL Dn (ft)	Invert EL Up (ft)	Line Slope (%)	HGL Down (ft)	HGL Up (ft)	Minor loss (ft)	HGL Junct (ft)	Dns Line No.	Junction Type
1		24.99	30	Cir	16.000	986.47	986.64	1.063	988.68	988.95	0.52	989.47	End	Curb-Horiz
2		11.92	30	Cir	44.000	986.83	987.30	1.068	989.47	989.49	0.06	989.55	1	Curb-Horiz
3		7.81	24	Cir	20.000	988.05	991.60	17.750	989.55	992.59	n/a	992.59 j	2	OpenHeadwall
4		13.23	30	Cir	280.000	986.69	988.80	0.754	989.47	990.81	0.23	991.04	1	Curb-Horiz
5		12.75	30	Cir	44.000	988.95	989.35	0.909	991.04	990.55	n/a	990.55	4	Curb-Horiz
6		10.07	24	Cir	40.000	989.95	990.27	0.800	991.78	992.10	0.25	992.35	5	Grate
7		8.20	12	Cir(2b)	50.000	990.77	993.70	5.860	992.35	994.43	n/a	994.43 j	6	OpenHeadwall

Phase-III-211th	Number of lines: 7	Run Date: 4/10/2018
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NOTES: Return period = 25 Yrs. ; j - Line contains hyd. jump.

Inlet Report

Line No	Inlet ID	Q = CIA (cfs)	Q carry (cfs)	Q capt (cfs)	Q Byp (cfs)	Junc Type	Curb Inlet		Grate Inlet			Gutter						Inlet			Byp Line No	
							Ht (in)	L (ft)	Area (sqft)	L (ft)	W (ft)	So (ft/ft)	W (ft)	Sw (ft/ft)	Sx (ft/ft)	n	Depth (ft)	Spread (ft)	Depth (ft)	Spread (ft)		Depr (in)
1	95+90 W	1.60	0.00	1.60	0.00	Curb	4.0	2.77	0.00	0.00	0.00	Sag	2.00	0.050	0.020	0.000	0.33	13.66	0.33	13.66	0.0	Off
2		5.75	0.00	5.75	0.00	Curb	4.0	4.00	2.00	2.00	2.00	Sag	2.00	0.050	0.020	0.013	0.81	37.51	0.81	37.51	0.0	1
3		7.81	0.00	7.81	0.00	Hdwl	4.0	4.00	2.00	2.00	2.00	Sag	2.00	0.050	0.020	0.013	0.00	0.00	0.00	0.00	0.0	2
4		0.80	0.00	0.80	0.00	Curb	4.0	4.00	2.00	2.00	2.00	Sag	2.00	0.050	0.020	0.013	0.16	5.20	0.16	5.20	0.0	1
5		3.83	0.00	3.83	0.00	Curb	4.0	4.00	2.00	2.00	2.00	Sag	2.00	0.050	0.020	0.013	0.47	20.35	0.47	20.35	0.0	4
6		2.63	0.00	2.63	0.00	Grate	4.0	4.00	2.00	2.00	2.00	Sag	2.00	0.050	0.020	0.013	0.33	13.38	0.33	13.38	0.0	5
7		8.20	0.00	8.20	0.00	Hdwl	4.0	4.00	2.00	2.00	2.00	Sag	2.00	0.050	0.020	0.013	0.00	0.00	0.00	0.00	0.0	6

Phase-III-211th

Number of lines: 7

Run Date: 4/10/2018

NOTES: Inlet N-Values = 0.016; Intensity = 102.84 / (Inlet time + 15.80) ^ 0.83; Return period = 25 Yrs. ; * Indicates Known Q added. All curb inlets are Horiz throat.