

Storm Sewer Tabulation

Station		Len (ft)	Drng Area		Rnoff coeff (C)	Area x C		Tc		Rain (l) (in/hr)	Total flow (cfs)	Cap full (cfs)	Vel (ft/s)	Pipe		Invert Elev		HGL Elev		Grnd / Rim Elev		Line ID
Line	To Line		Incr (ac)	Total (ac)		Incr	Total	Inlet (min)	Syst (min)					Size (in)	Slope (%)	Up (ft)	Dn (ft)	Up (ft)	Dn (ft)	Up (ft)	Dn (ft)	
1	End	8.0	0.24	0.24	0.90	0.22	0.22	5.0	5.0	6.0	1.30	16.45	3.45	12	12.63	163.16	162.15	163.64	162.63	165.48	164.10	I-5
2	End	45.0	0.08	0.21	0.75	0.06	0.16	5.0	5.0	6.0	0.94	6.66	3.09	12	2.98	163.49	162.15	163.90	162.56	167.67	164.10	I-3
3	2	29.0	0.07	0.13	0.75	0.05	0.10	5.0	5.0	6.0	0.58	27.48	2.17	12	35.24	173.81	163.59	174.13	164.04	179.50	167.67	I-2
4	3	30.0	0.06	0.06	0.75	0.05	0.05	5.0	5.0	6.0	0.27	4.63	2.65	12	1.00	175.30	175.00	175.52	175.16	179.50	179.50	I-1
5	End	10.5	0.36	0.36	0.90	0.32	0.32	5.0	5.0	6.0	1.94	4.74	4.02	12	1.05	161.71	161.60	162.30	162.19	165.50	165.77	I-6

Project File: 3-30-10 storm system.stm

Number of lines: 5

Run Date: 04-07-2010

NOTES: Intensity = 26.09 / (Inlet time + 6.00) ^ 0.61; Return period = 25 Yrs. ; Pipe travel time suppressed.