Example Storm Drain Data

Date: 9/11/2014
Project Number: SOIA-7-804(049)247
Region: New Town

Location	Drainage Area (Acres)	Rational C Value	Time of Concentration (min)	Rainfall Intensity (in/hr)	Peak Discharge (cfs)	Design Event
1A	0.344	0.55	11.61	4.25	0.8	10-yr
1B	0.148	0.75	5	5.66	0.63	10-yr
2A	0.534	0.55	5.83	5.38	1.58	10-yr
3A	0.324	0.7	12.6	4.13	0.94	10-yr
3B	0.219	0.75	5	5.66	0.93	10-yr
4A	0.918	0.7	16.04	3.73	2.39	10-yr
5A	0.120	0.9	5.77	5.41	0.59	10-yr

Example Storm Drain Data

Date: 9/11/2014
Project Number: NHU-8-010(032)932
Location: West Fargo
Design Frequency: 10-year

Start Location	Stop Location	Pipe Diameter (in)	Pipe Length (ft)	Start Invert (ft)	Stop Invert (ft)	Pipe Slope (ft/ft)	Manning's n	Flow (ft^3/s)	Flow Velocity (ft/s)	Flow Depth (ft)	Allowable Flow Depth (ft)
MH-01	MH-02	30	200	892.1	891.8	0.002	0.012	11.52	3.76	1.5	2
MH-02	MH-03	30	400	891.8	891.4	0.001	0.012	11.61	3.2	1.73	2
MH-03	MH-04	30	101	891.4	891.3	0.001	0.012	11.49	3.18	1.73	2
MH-04	MH-05	30	99	891.3	891.2	0.001	0.012	11.39	3.2	1.7	2
MH-05	MH-06	42	254	891.2	890.8	0.002	0.012	21.55	4.49	1.75	2.8
MH-06	MH-07	42	397	890.8	890.26	0.001	0.012	22.17	4.28	1.86	2.8
MH-07	MH-08	42	220	890.26	890.02	0.001	0.012	24.35	4.02	2.11	2.8
MH-08	MH-09	48	174	890.02	889.84	0.001	0.012	35.28	4.32	2.48	3.2
MH-09	MH-10	48	400	889.84	889.56	0.001	0.012	35.07	3.68	2.84	3.2
MH-10	MH-11	48	128	889.56	889.27	0.002	0.012	34.18	5.78	1.91	3.2