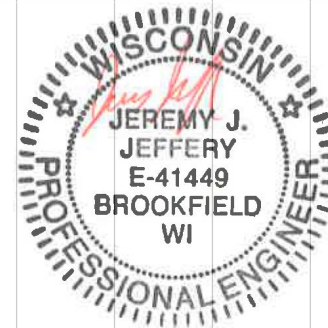


Storm Sewer Tabulation

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 (%)	Dn (ft)	Up (ft)	Dn (ft)	Up (ft)	Dn (ft)	Up (ft)	
1	End	77.268	0.10	0.15	0.88	0.09	0.14	6.0	6.5	6.8	0.93	5.45	4.14	12	1.99	94.96	96.50	95.24	96.90	96.18	100.00	105-100
2	1	47.469	0.05	0.05	0.95	0.05	0.05	6.0	6.0	7.0	0.33	0.83	2.37	6	1.85	96.50	97.38	96.90	97.67	100.00	100.95	110-105



Project File: **STO 100.stm**

Number of lines: 2

Run Date: 3/13/2023

NOTES: Intensity = $88.24 / (\text{Inlet time} + 15.50)^{0.83}$; Return period = **Yrs. 10**; c = cir e = ellip b = box

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 (%)	Dn (ft)	Up (ft)	Dn (ft)	Up (ft)	Dn (ft)	Up (ft)	
1	End	77.268	0.10	0.15	0.88	0.09	0.14	6.0	6.3	9.4	1.27	5.45	3.45	12	1.99	94.96	96.50	95.44	96.98	96.18	100.00	105-100
2	1	47.469	0.05	0.05	0.95	0.05	0.05	6.0	6.0	9.5	0.45	0.83	2.75	6	1.85	96.50	97.38	96.98	97.72	100.00	100.95	110-105

Project File: **STO 100.stm**

Number of lines: 2

Run Date: 3/13/2023

NOTES: Intensity = $127.16 / (\text{Inlet time} + 17.80)^{0.82}$; Return period = **Yrs. 100** ; c = cir e = ellip b = box

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 (%)	Dn (ft)	Up (ft)	Dn (ft)	Up (ft)	Dn (ft)	Up (ft)	
1	End	20.825	0.28	0.28	0.95	0.27	0.27	6.0	6.0	7.0	1.85	4.93	4.88	12	1.63	94.96	95.30	95.38	95.88	96.18	98.90	205-200

Project File: **STO 200.stm**

Number of lines: 1

Run Date: 3/13/2023

NOTES: Intensity = $88.24 / (\text{Inlet time} + 15.50)^{0.83}$; Return period = **Yrs. 10** ; c = cir e = ellip b = box

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 (%)	Dn (ft)	Up (ft)	Dn (ft)	Up (ft)	Dn (ft)	Up (ft)	
1	End	20.825	0.28	0.28	0.95	0.27	0.27	6.0	6.0	9.5	2.53	4.93	4.44	12	1.63	94.96	95.30	95.64	95.98	96.18	98.90	205-200

Project File: **STO 200**.stm

Number of lines: 1

Run Date: 3/13/2023

NOTES: Intensity = $127.16 / (\text{Inlet time} + 17.80)^{0.82}$; Return period = **Yrs. 100**; c = cir e = ellip b = box

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 (%)	Dn (ft)	Up (ft)	Dn (ft)	Up (ft)	Dn (ft)	Up (ft)	
1	End	20.142	0.05	0.05	0.95	0.05	0.05	6.0	6.0	7.0	0.33	5.16	3.00	12	1.79	94.96	95.32	95.13	95.56	96.18	99.35	305-300

Project File: **STO 300.stm**

Number of lines: 1

Run Date: 3/13/2023

NOTES: Intensity = $88.24 / (\text{Inlet time} + 15.50)^{0.83}$; Return period = **Yrs. 10**; c = cir e = ellip b = box

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 (%)	Dn (ft)	Up (ft)	Dn (ft)	Up (ft)	Dn (ft)	Up (ft)	
1	End	20.142	0.05	0.05	0.95	0.05	0.05	6.0	6.0	9.5	0.45	5.16	2.53	12	1.79	94.96	95.32	95.24	95.60	96.18	99.35	305-300

Project File: **STO 300.stm**

Number of lines: 1

Run Date: 3/13/2023

NOTES: Intensity = $127.16 / (\text{Inlet time} + 17.80)^{0.82}$; Return period = **Yrs. 100** ; c = cir e = ellip b = box

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 (%)	Dn (ft)	Up (ft)	Dn (ft)	Up (ft)	Dn (ft)	Up (ft)	
1	End	24.622	0.07	0.07	0.92	0.06	0.06	6.0	6.0	7.0	0.45	5.71	3.43	12	2.19	94.96	95.50	95.15	95.78	96.18	99.50	405-400

Project File: **STO 400.stm**

Number of lines: 1

Run Date: 3/13/2023

NOTES: Intensity = $88.24 / (\text{Inlet time} + 15.50)^{0.83}$; Return period = **Yrs. 10**; c = cir e = ellip b = box

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 (%)	Dn (ft)	Up (ft)	Dn (ft)	Up (ft)	Dn (ft)	Up (ft)	
1	End	24.622	0.07	0.07	0.92	0.06	0.06	6.0	6.0	9.5	0.61	5.71	2.76	12	2.19	94.96	95.50	95.29	95.83	96.18	99.50	405-400

Project File: **STO 400.stm**

Number of lines: 1

Run Date: 3/13/2023

NOTES: Intensity = $127.16 / (\text{Inlet time} + 17.80)^{0.82}$; Return period = **Yrs. 100** ; c = cir e = ellip b = box

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 (%)	Dn (ft)	Up (ft)	Dn (ft)	Up (ft)	Dn (ft)	Up (ft)	
1	End	48.954	0.14	0.91	0.93	0.13	0.84	6.0	7.7	6.5	5.45	5.92	5.47	15	0.71	94.71	95.06	95.66	96.01	96.18	99.50	505-500
2	1	16.284	0.13	0.77	0.89	0.12	0.71	6.0	7.7	6.5	4.62	5.20	3.89	15	0.55	95.06	95.15	96.24	96.29	99.50	99.05	510-505
3	2	44.719	0.16	0.64	0.92	0.15	0.59	6.0	7.4	6.6	3.89	5.23	3.17	15	0.56	95.15	95.40	96.53	96.65	99.05	99.60	515-510
4	3	154.737	0.26	0.48	0.90	0.23	0.44	6.0	6.4	6.9	3.04	5.18	2.87	15	0.55	95.40	96.25	96.86	97.13	99.60	99.60	520-515
5	4	44.476	0.22	0.22	0.95	0.21	0.21	6.0	6.0	7.0	1.45	2.83	2.80	12	0.54	96.50	96.74	97.38	97.25	99.60	100.91	525-520

Project File: **STO 500.stm**

Number of lines: 5

Run Date: 3/13/2023

NOTES: Intensity = $88.24 / (\text{Inlet time} + 15.50)^{0.83}$; Return period = **Yrs. 10**; c = cir e = ellip b = box

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 (%)	Dn (ft)	Up (ft)	Dn (ft)	Up (ft)	Dn (ft)	Up (ft)	
1	End	48.954	0.14	0.91	0.93	0.13	0.84	6.0	7.3	9.1	7.61	5.92	6.44	15	0.71	94.71	95.06	95.80	96.45	96.18	99.50	505-500
2	1	16.284	0.13	0.77	0.89	0.12	0.71	6.0	7.2	9.1	6.43	5.20	5.24	15	0.55	95.06	95.15	96.75	96.89	99.50	99.05	510-505
3	2	44.719	0.16	0.64	0.92	0.15	0.59	6.0	7.1	9.2	5.41	5.23	4.41	15	0.56	95.15	95.40	97.31	97.57	99.05	99.60	515-510
4	3	154.737	0.26	0.48	0.90	0.23	0.44	6.0	6.3	9.4	4.16	5.18	3.39	15	0.55	95.40	96.25	97.98	98.52	99.60	99.60	520-515
5	4	44.476	0.22	0.22	0.95	0.21	0.21	6.0	6.0	9.5	1.98	2.83	2.53	12	0.54	96.50	96.74	98.79	98.90	99.60	100.91	525-520

Project File: **STO 500.stm**

Number of lines: 5

Run Date: 3/13/2023

NOTES: Intensity = $127.16 / (\text{Inlet time} + 17.80)^{0.82}$; Return period = **Yrs. 100**; c = cir e = ellip b = box

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 (%)	Dn (ft)	Up (ft)	Dn (ft)	Up (ft)	Dn (ft)	Up (ft)	
1	End	24.061	0.22	0.22	0.95	0.21	0.21	6.0	6.0	7.0	1.45	2.13	5.59	8	2.66	94.96	95.60	95.36	96.16	95.84	100.90	705-700

Project File: **STO 700.stm**

Number of lines: 1

Run Date: 3/13/2023

NOTES: Intensity = $88.24 / (\text{Inlet time} + 15.50)^{0.83}$; Return period = **Yrs. 10** ; c = cir e = ellip b = box

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 (%)	Dn (ft)	Up (ft)	Dn (ft)	Up (ft)	Dn (ft)	Up (ft)	
1	End	24.061	0.22	0.22	0.95	0.21	0.21	6.0	6.0	9.5	1.98	2.13	5.84	8	2.66	94.96	95.60	95.59	96.23	95.84	100.90	705-700

Project File: **STO 700.stm**

Number of lines: 1

Run Date: 3/13/2023

NOTES: Intensity = $127.16 / (\text{Inlet time} + 17.80)^{0.82}$; Return period = **Yrs. 100**; c = cir e = ellip b = box