



STORM SEWER SYSTEM

PID : 116570 **Date :** 03/27/2025 **Project :** ERI-6

Location : Sta. 611+06.05 to Sta. 598+57.74

Description : Storm Run in front of Sports Force Park D801-HW801

Designer : BLC

Rainfall Area: A

Just Full Capacity Frequency (yrs.) : 10

Hydraulic Gradient Frequency (yrs.) : 25

Minimum Pipe Size : 0.00

Tailwater Elevation (ft.): 0.00

JUNCTION From To	STATION From To	Δ AREA Σ AREA (acres)	Δ CA Σ CA	BEGIN TIME (min.)	RAINFALL		DISCHARGE		PIPE			F/L PIPE IN / OUT (ft.)	MEAN VEL (fps.)	JUST FULL CAPACITY (cfs.)	FRICT SLOPE (ft./ft.)	HYGR EL. IN / OUT (ft.)	COVER IN / OUT (ft.)	COVER MINUS HY GR	COVER MINUS CROWN	INLET TYPE MANNING'S 'n'
					INTENSITY (10 yrs.)	(25 yrs.)	(10 yrs.)	(25 yrs.)	DIAM. (in.)	LENGTH (ft.)	SLOPE (ft./ft.)									
HW80 D803		1.00	0.78	10.00	4.94	4.91	3.9	3.8	15	237.0	0.0123	576.10	5.34	6.68	0.0047	576.81	578.78	1.97	1.43	MH 3
		1.00	0.78									573.18				574.80	578.48			0.015
D803 D802		0.89	0.65	10.74	4.80	4.91	6.9	7.0	43	339.0	0.0020	573.20	3.07	45.06	0.0001	574.80	578.48	3.68	1.70	MH 3
		1.89	1.43									572.51				574.78	577.68			0.015
D802 D801		0.47	0.33	12.58	4.48	4.91	7.9	8.6	48	183.0	0.0009	572.51	2.38	40.82	0.0000	574.78	577.68	2.90	1.17	MH 3
		2.36	1.76									572.34				574.77	577.88			0.015