



STORM SEWER SYSTEM

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

Location : STA. 696+22.33 to STA.698+00.33

Description : P810-P811

Designer : BLS

Rainfall Area: A

Just Full Capacity Frequency (yrs.) : 10

Hydraulic Gradient Frequency (yrs.) : 25

Minimum Pipe Size : 12.00

Tailwater Elevation (ft.): 0.00

JUNCTION From	STATION To	From To	ΔAREA ΣAREA (acres)	ΔCA ΣCA	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'
						(10 yrs.)	(25 yrs.)	(10 yrs.)	(25 yrs.)	DIAM. (in.)	LENGTH (ft.)	SLOPE (ft./ft.)									
HW81	D806	696+2233	0.21	0.15	10.00	4.94	5.61	0.7	0.8	12	32.6	0.0521	585.20	5.75	7.58	0.0007	585.43	586.20	0.77	0.00	HW Half He
	begin	696+2888	0.21	0.15									583.50				584.19	583.61			0.015
D806	HW81	698+2888	0.06	0.04	10.09	4.92	5.36	0.9	1.0	12	164.0	0.0030	583.50	2.22	1.83	0.0011	584.06	585.44	1.38	0.94	CB 2-2B
	final	698+0028	0.27	0.19									583.00				583.71	584.25			0.015