



STORM SEWER SYSTEM

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

Location : Sta. 633+83

Description : Storm Run In Front Of Motel P805-P806

Designer : BLS

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		STATION		ΔAREA	ΔCA	BEGIN	RAINFALL		DISCHARGE		PIPE			F/L PIPE	MEAN	JUST FULL	FRICT	HYGR EL.	COVER	COVER	COVER	INLET TYPE		
From	To	From	To	Σ AREA	Σ CA	TIME	INTENSITY	(cfs.)	(10 yrs.)	(25 yrs.)	(10 yrs.)	(25 yrs.)	DIAM.	LENGTH	SLOPE	IN / OUT	VEL	CAPACITY	SLOPE	IN / OUT	IN / OUT	MINUS	MINUS	MANNING'S
				(acres)		(min.)	(10 yrs.)	(25 yrs.)	(10 yrs.)	(25 yrs.)	(in.)	(ft.)	(ft./ft.)	(ft.)	(fps.)	(cfs.)	(ft./ft.)	(ft.)	(ft.)	(ft.)	HY GR	CROWN	'n'	
HW80	D804			2.55	1.96	16.00	4.00	4.48	7.9	8.8	18	215.0	0.0083	576.92	5.33	8.91	0.0093	578.65	579.92	1.27	1.50	HW Half He		
				2.55	1.96									575.14				576.65	578.42				0.015	
D804	HW80			0.29	0.22	16.67	3.92	4.48	8.6	9.8	18	69.0	0.0093	575.14	5.65	9.43	0.0115	576.65	578.42	1.77	1.78	CB		
				2.84	2.19									574.50				575.85	575.50				0.015	