



STORM SEWER SYSTEM

PID : 110563 Date : 10/15/2022 Project : HAM-74

Location : Race Road SB

Description : Race Road over IR-74

Designer : Fishbeck

Rainfall Area: C

Just Full Capacity Frequency (yrs.) : 10

Hydraulic Gradient Frequency (yrs.) : 25

Minimum Pipe Size : 12.00

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.)	(cfs.)	DIAM.	LENGTH	SLOPE	IN / OUT	VEL	CAPACITY	SLOPE	IN / OUT	IN / OUT	MINUS	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.)	HY GR	CROWN	'n'
CB2	CB1	22+80		0.48	0.27	10.00	5.32	5.98	1.4	1.6	12	64.0	0.0766	820.40	8.06	9.19	0.0026	820.69	823.42	2.73	2.02	CB 2-2B
	begin	22+15		0.48	0.27									815.50				816.27	818.00			0.015
CB1	MH1	22+15		0.09	0.06	10.13	5.30	5.97	1.7	2.0	12	13.0	0.0146	815.50	4.67	4.02	0.0040	816.16	818.00	1.84	1.50	MH 3
		22+05		0.57	0.33									815.31				816.11	818.62			0.015
MH1	HW1	22+05		0.09	0.06	10.18	5.29	5.96	2.1	2.3	12	20.0	0.0155	815.31	4.99	4.14	0.0056	815.94	818.62	2.68	2.31	HW Half He
	final	21+85		0.66	0.39									815.00				815.83	815.50			0.015