



INLET SPACING DESIGN

PID : 113663 **Date :** 01/06/2023 **Project :** FRA-270-32.92

Location : Easton Mall

Description : Proposed Easton Way Spread Calculations in Median

Designer : TGW

Rainfall Area: C

Storm Frequency (yr.) : 5

Total Allow. Spread (ft.) : 19.00

Allowable Depth (ft.) 0.50

STATION	C.B. Type	GUTTER LENGTH (ft.)	RUNOFF COEF	AREA (acres)	CONC. TIME (min.)	GUTTER TIME (min.)	TIME USED (min.)	LONG. SLOPE (ft./ft.)	GUTT. SLOPE (ft./ft.)	PAVT. SLOPE (ft./ft.)	GUTT. WIDTH (ft.)	LOCAL DEPRESS. (ft.)	RAIN FALL (in./hrs.)	INTERCPTD FLOW (cfs.)	BYPASS FLOW (cfs.)	TOTAL FLOW (cfs.)	DEPTH FLOW (ft.)	PAVT. SPREAD (ft.)
76+52	Begin																	
69+25	CB-3A	162.50	0.90	0.29	10.00	2.11	12.11	0.0062	0.0800	0.0160	1.00	0.0000	4.44	0.60	0.54	1.14	0.206	8.89
66+98	CB-3	297.00	0.90	0.20	10.00	3.76	13.76	0.0062	0.0800	0.0160	1.00	0.0000	4.18	*****	*****	1.28	0.213	9.33 Sag
66+24	CB-3A	119.00	0.90	0.10	10.00	1.62	11.62	0.0062	0.0800	0.0160	1.00	0.0000	4.52	0.52	0.41	0.92	0.195	8.16
65+05	CB-3A	109.00	0.90	0.09	10.00	1.54	11.54	0.0062	0.0800	0.0160	1.00	0.0000	4.53	*****	*****	0.78	0.186	7.61 End

SUMP DATA

Total Flow (cfs) : 2.06

Ponded Depth (ft.) : 0.209

Spread on Pavement (ft.) : 16.09