



INLET SPACING DESIGN

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

Location : Race Road SB

Description : Race Road over IR-74

Designer : Fishbeck

Rainfall Area: C

Storm Frequency (yr.) : 2

Total Allow. Spread (ft.) : 10.00

Allowable Depth (ft.) 0.16

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.)
21+86	Begin																	
18+10	CB-3A	384.00	0.90	0.19	10.00	2.98	12.98	0.0400	0.0160	0.0160	2.00	0.0000	3.61	0.42	0.21	0.63	0.084	5.25

Spread check for Race Road SB
 over IR 74.
 No Drainage Structures Req'd at
 end of MSE Wall per allowable
 spread calculations