



# INLET SPACING DESIGN

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

**Location :** Race Road NB

**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+96	Begin																	
17+94	CB-3A	402.00	0.90	0.16	10.00	3.29	13.29	0.0400	0.0160	0.0160	2.00	0.0000	3.57	0.36	0.15	0.51	0.077	4.84

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