



# INLET SPACING DESIGN

**PID :** 103159    **Date :** 02/20/2018    **Project :** MIA-CR 25A-3.54

**Location :**

**Description :** Sta. 97+50 R1 to Sta. 9+72 R2 - Left Side

**Designer :** BAA

**Rainfall Area:** B

**Storm Frequency (yr.) :** 5

**Total Allow. Spread (ft.) :** 13.00

**Allowable Depth (ft.) :** 0.42

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.)
97+50	Begin																	
100+37	CB-3A	287.00	0.90	0.35	6.22	4.62	10.85	0.0028	0.0417	0.0200	1.25	0.0417	4.48	0.80	0.61	1.41	0.228	10.02
103+37	CB-3A	300.00	0.90	0.35	6.83	4.00	10.83	0.0037	0.0417	0.0200	1.25	0.0417	4.48	1.02	1.00	2.02	0.246	10.93
106+37	CB-3A	300.00	0.90	0.35	6.83	3.64	10.47	0.0042	0.0417	0.0200	1.25	0.0417	4.53	1.15	1.28	2.43	0.256	11.43
109+37	CB-3A	300.00	0.90	0.34	5.12	2.33	10.00	0.0127	0.0417	0.0200	1.25	0.0417	4.59	1.29	1.39	2.68	0.219	9.60
112+37	CB-3A	300.00	0.90	0.33	7.04	2.22	10.00	0.0142	0.0417	0.0200	1.25	0.0417	4.59	1.32	1.44	2.76	0.217	9.49
115+37	CB-3A	300.00	0.90	0.32	6.37	2.64	10.00	0.0089	0.0417	0.0200	1.25	0.0417	4.59	1.29	1.47	2.76	0.235	10.38
117+42	CB-3	205.00	0.90	0.21	6.37	2.04	10.00	0.0072	0.0417	0.0200	1.25	0.0417	4.59	*****	*****	2.34	0.230	10.16 Sag
118+04	Begin																	
117+42	CB-3	62.00	0.90	0.06	2.33	1.02	10.00	0.0075	0.0417	0.0200	1.25	0.0000	4.59	*****	*****	0.25	0.109	4.08 End

## SUMP DATA

**Total Flow (cfs) :** 2.59

**Ponded Depth (ft.) :** 0.198

**Spread on Pavement (ft.) :** 11.47