



# INLET SPACING DESIGN

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

**Location :**

**Description :** Sta. 97+50 R1 to Sta. 9+00 R2 - Right Side

**Designer :** BAA

**Rainfall Area:** B

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

**Total Allow. Spread (ft.) :** 14.00

**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	0.26	2.86	4.65	10.00	0.0033	0.0417	0.0200	1.25	0.0417	4.59	0.67	0.41	1.07	0.202	8.75
103+37	CB-3A	300.00	0.90	0.26	2.86	4.31	10.00	0.0037	0.0417	0.0200	1.25	0.0417	4.59	0.83	0.65	1.48	0.221	9.70
106+36	CB-3A	299.00	0.90	0.27	2.86	3.92	10.00	0.0042	0.0417	0.0200	1.25	0.0417	4.59	0.94	0.83	1.77	0.230	10.12
109+37	CB-3A	301.00	0.90	0.27	2.86	2.53	10.00	0.0127	0.0417	0.0200	1.25	0.0417	4.59	1.04	0.90	1.95	0.197	8.47
112+37	CB-3A	300.00	0.90	0.28	2.86	2.39	10.00	0.0141	0.0417	0.0200	1.25	0.0417	4.59	1.09	0.97	2.06	0.197	8.49
115+37	CB-3A	300.00	0.90	0.28	2.86	2.81	10.00	0.0090	0.0417	0.0200	1.25	0.0417	4.59	1.09	1.04	2.13	0.215	9.39
117+31	CB-3	194.00	0.90	0.28	2.86	1.96	10.00	0.0072	0.0417	0.0200	1.25	0.0417	4.59	*****	*****	2.20	0.226	9.92 Sag
118+88	Begin																	
117+31	CB-3	157.00	0.90	0.16	2.86	1.95	10.00	0.0088	0.0417	0.0200	1.25	0.0417	4.59	*****	*****	0.67	0.146	5.96 End

## SUMP DATA

**Total Flow (cfs) :** 2.87

**Ponded Depth (ft.) :** 0.214

**Spread on Pavement (ft.) :** 10.20