

INLET COMPUTATION SHEET															DATE_____PROJECT_____ROUTE_____			
															COMPUTED BY_____SHEET_____OF_____			
LOCATION		GUTTER DISCHARGE DESIGN FREQUENCY <u>10</u>					GUTTER DISCHARGE ALLOWABLE SPEED <u>1.8 m (Roadway) 2.0 m (Street)</u>								INLET DISCHARGE			RE- MARKS
INLET No.	STAT.	DRAIN AREA "A" (ha)	RUNOFF COEF "C"	TIME OF C ONC. "T _c " (min)	Rain Intensity "I" (mm/h)	Q=.002- 78CIA (m ³ /s)	GRADE "S _o " (m/m)	CROSS SLOPE S _x (m/m)	PREV. RUNBY (m ³ /s)	TOTAL GUTTER FLOW (m ³ /s)	DEPTH "d" T/W (m)	GUTTER WIDTH "W" (m)	SPREAD "T" (m)	W/T	INLET TYPE	INTER- CEPT "Q _i " (m ³ /s)	RUNBY "Q _r " (m ³ /s)	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1	10+00	0.05 0.04	0.4 0.9	10	132	0.020	0.012	0.02	0	0.02	0.04	0.60	1.83	0.33	10 & 11	0.015	0.005	
2	10+00	0.05 0.04	0.4 0.9	10	132	0.020	0.012	0.02	0	0.02	0.04	0.60	1.83	0.33	10 & 11	0.015	0.005	
3	10+42.7	0.02 0.06	0.9 0.4	11.2	127	0.015	0.012	0.02	0.005	0.02	0.04	0.60	1.83	0.33	10 & 11	0.015	0.005	
4	Street	0.04 0.05	0.9 0.9	7	150	0.034	Sag	0.02	0	0.034	0.042	0.397	2.0		Double 10 & 11	0.034	0	
5	Street	0.04 0.04	0.9 0.9	7	150	0.030	Sag	0.02	0.005	0.035	0.043	0.397	2.0		Double 10 & 11	0.035	0	Sag Point
6	11+00	0.04	0.9	11.5	126	0.012	0.012	0.02	0.005	0.017	0.037	0.397	1.72		10 & 11	0.013	0.004	Sag Point
7	11+00	0.02 0.10	0.9 0.4	11.5	126	0.020	0.012	0.02	0	0.020	0.04	0.397	1.83		10 & 11	0.015	0.005	

INLET SPACING COMPUTATION SHEET

(Example Problem)

Figure 36-16B