INLET COMPUTATION SHEET

DATE_____PROJECT_____ROUTE_____
COMPUTED BY_____SHEET_____OF____

LOCATION		GUTTER DISCHARGE DESIGN FREQUENCY 10					GUTTER DISCHARGE ALLOWABLE SPEED 6.0 ft (Roadway) 7.0 ft (Street)								INLET DISCHARGE			RE-MARKS
INLET No.	STAT.	DRAIN AREA "A" (acres)	RUNOFF COEF "C"	TIME OF C ONC. "T_C" (min)	Rain Intensity "I" (in/h)	Q=.002-78CIA (ft^3/s)	GRADE "S_O" (ft/ft)	CROSS SLOPE S_x (ft/ft)	PREV. RUNBY (ft^3/s)	TOTAL GUTTER FLOW (ft^3/s)	DEPTH "d" T/W (ft)	GUTTER WIDTH "W" (ft)	SPREAD "T" (ft)	W/T	INLET TYPE	INTER-CEPT "Q_I" (ft^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	0.125 0.100	0.4 0.9	10	5.28	0.706	0.012	0.02	0	0.706	0.133	2.00	6.00	0.33	10 & 11	0.530	0.177	
2	10+00	0.125 0.100	0.4 0.9	10	5.28	0.706	0.012	0.02	0	0.706	0.133	2.00	6.00	0.33	10 & 11	0.530	0.177	
3	11+42	0.050 0.150	0.9 0.4	11.2	5.08	0.530	0.012	0.02	0.177	0.706	0.133	2.00	6.00	0.33	10 & 11	0.530	0.177	
4	Street	0.100 0.125	0.9 0.9	7	6.00	1.200	Sag	0.02	0	1.200	0.140	1.32	6.67		Double 10 & 11	1.200	0	
5	Street	0.100 0.100	0.9 0.9	7	6.00	1.059	Sag	0.02	0.177	1.236	0.143	1.32	6.67		Double 10 & 11	1.236	0	Sag Point
6	13+33	0.100	0.9	11.5	5.04	0.424	0.012	0.02	0.177	0.600	0.123	1.32	5.73		10 & 11	0.459	0.141	Sag Point
7	13+33	0.050 0.250	0.9 0.4	11.5	5.04	0.706	0.012	0.02	0	0.706	0.133	1.32	6.00		10 & 11	0.530	0.177	

INLET SPACING COMPUTATION SHEET
(Example Problem)
Figure 36-16B