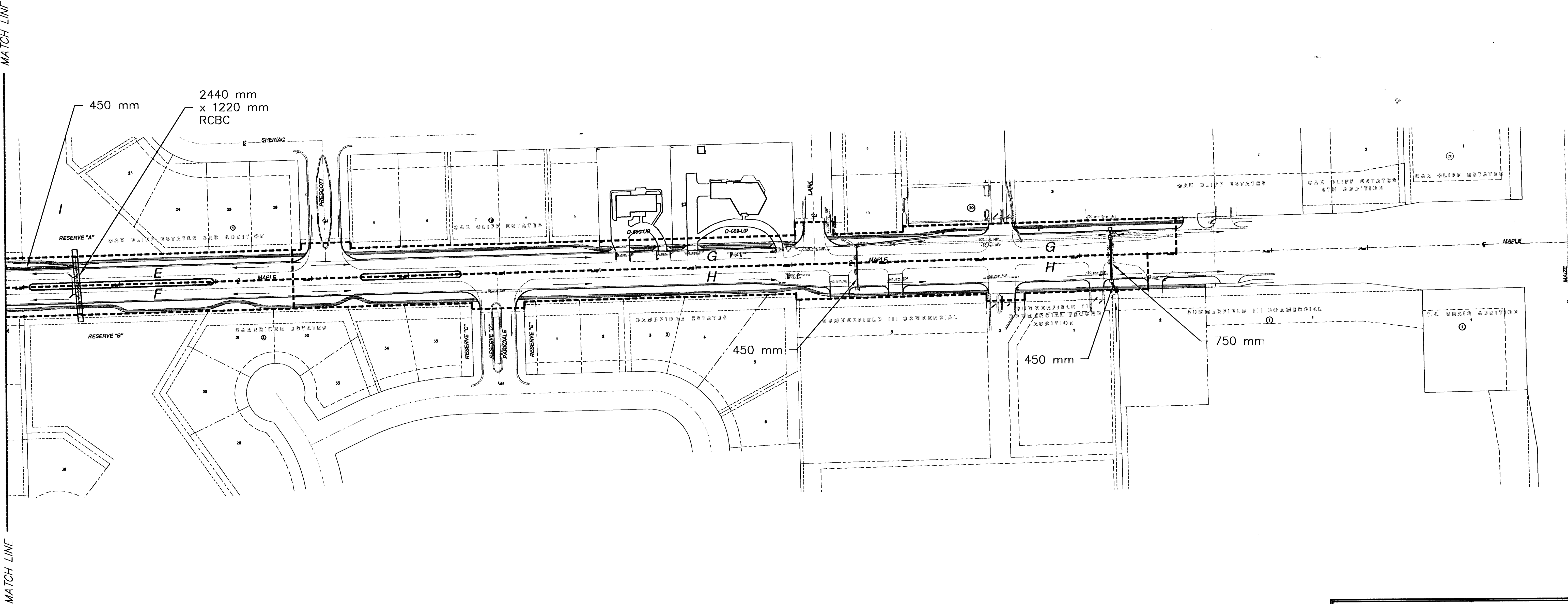
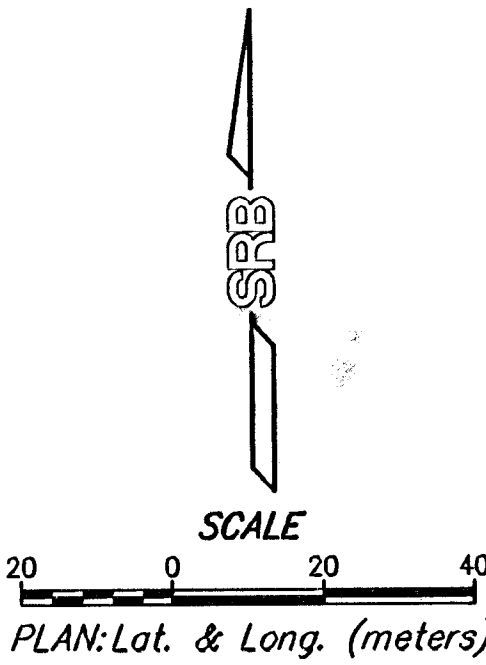


FHWA REGION NO.	STATE	PROJECT NUMBER	FISCAL YEAR	SHEET NUMBER	TOTAL SHEETS
7	KANSAS	87N-0127-01	1999	58	90

DRAINAGE DATA TABLE

BASIN	English (U.S.) Q = *CIA												Metric (S.I.)						Storm Sewer	
	AREA (acre)	Tc (min)	I _s (in)	I ₁₀₀ (in)	Q _s (cfs)	Q ₁₀₀ (cfs)	CUM. AREA (acre)	Tc ₉₇₅ (min)	I _s (in)	I ₁₀₀ (in)	Q _s (cfs)	Q ₁₀₀ (cfs)	AREA (hectare)	Q _s (cms)	Q ₁₀₀ (cms)	CUM. AREA (hectare)	Q _s (cms)	Q ₁₀₀ (cms)	INLET (length)	PIPE (diameter)
A	1.28	15	4.56	7.37	4.7	7.6	4.18	15	4.56	7.37	15.3	24.7	0.52	0.13	0.22	1.70	0.43	0.70	1525 mm	900 mm RCP
B	1.28	15	4.56	7.37	4.7	7.6	2.90	15	4.56	7.37	10.6	17.1	0.52	0.13	0.22	1.18	0.30	0.48	1525 mm	750 mm RCP
C	0.81	15	4.56	7.37	3.0	4.8	1.62	15	4.56	7.37	5.9	9.6	0.33	0.08	0.14	0.66	0.17	0.27	1525 mm	750 mm RCP
D	0.81	15	4.56	7.37	3.0	4.8	0.81	15	4.56	7.37	3.0	4.8	0.33	0.08	0.14	0.33	0.08	0.14	1525 mm	600 mm RCP
E	0.73	15	4.56	7.37	2.7	4.3	1.46	15	4.56	7.37	5.4	8.6	0.30	0.08	0.12	0.60	0.16	0.24	1525 mm	750 mm RCP
F	0.73	15	4.56	7.37	2.7	4.3	0.73	15	4.56	7.37	2.7	4.3	0.30	0.08	0.12	0.30	0.08	0.12	1525 mm	600 mm RCP
G	0.66	15	4.56	7.37	2.4	3.9	1.32	15	4.56	7.37	4.8	7.8	0.27	0.07	0.11	0.54	0.14	0.22	3050 mm	750 mm RCP
H	0.66	15	4.56	7.37	2.4	3.9	0.66	15	4.56	7.37	2.4	3.9	0.27	0.07	0.11	0.27	0.07	0.11	3050 mm	450 mm RCP
I	1.34	23	-	-	-	213	-	-	-	-	-	213	54.23	-	6.03	54.23	-	6.03	-	2440 mm x 1220 mm RCBC
* C _s = 0.80 C ₁₀₀ = 0.80																				



MAPLE ST. IMPROVEMENTS - 119TH ST. W. TO MAIZE RD.
DRAINAGE MAP (Sta. 10+790.3 to Sta. 11+415.3)

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SAVOY, RUGGLES & BOHM, P.A.		ENGINEERING & SURVEYING		PROJECT NUMBER 472-76-245-83053-000-000-001	
DRAWN Staff	DESIGN Staff	REVIEW Staff	DATE 6-28-99	UTILITY SRB JOB 1216T	REVISION 58 90