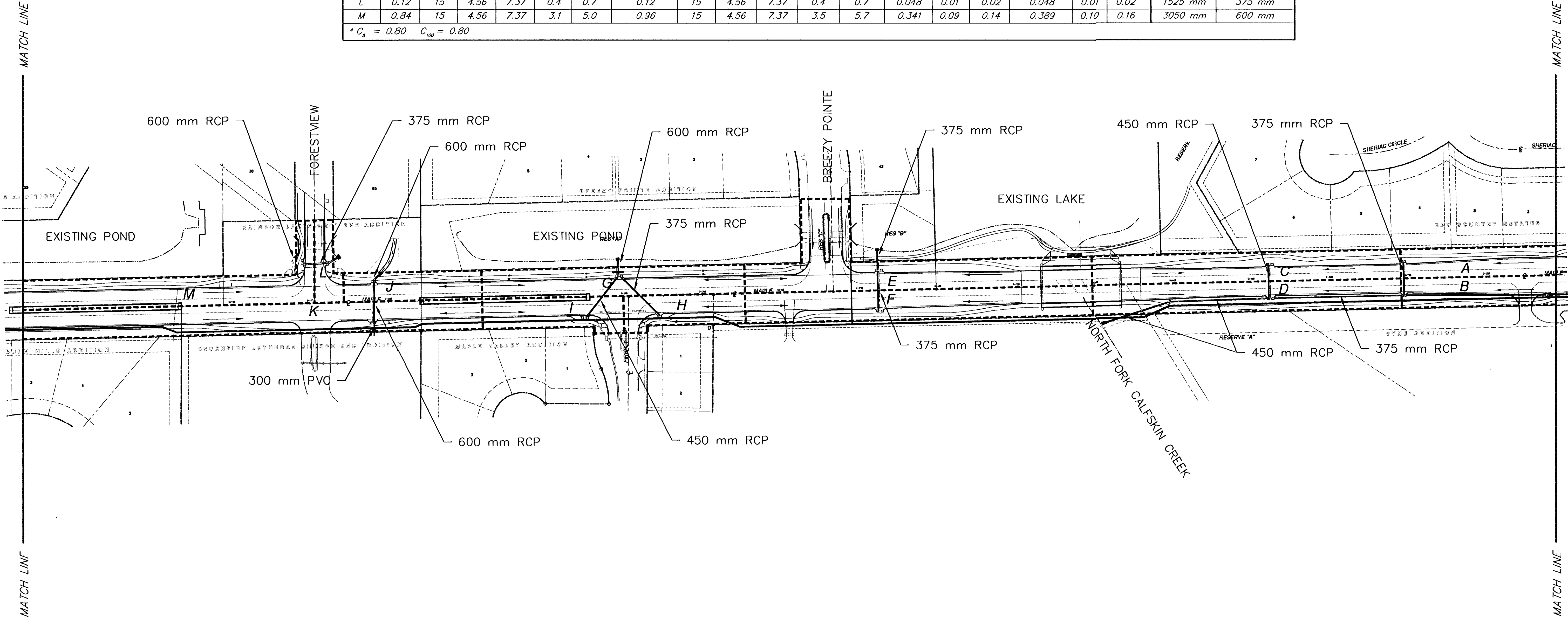
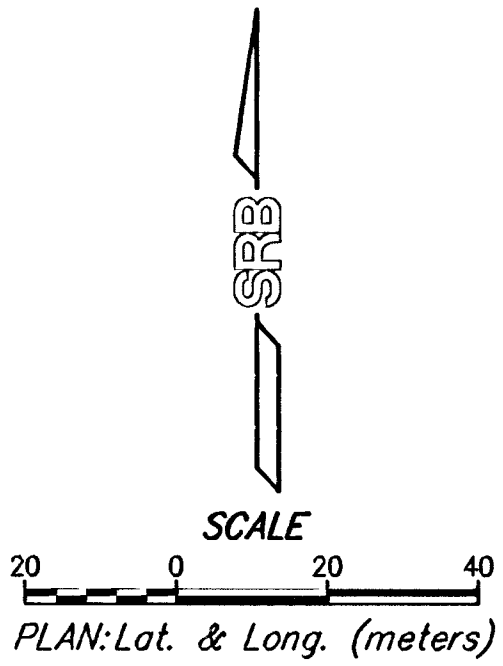


FHWA REGION NO.	STATE	PROJECT NUMBER	FISCAL YEAR	SHEET NUMBER	TOTAL SHEETS
7	KANSAS	87N-0195-01	2001	95	127

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 _{s15} (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	1.51	15	4.56	7.37	5.5	8.9	1.51	15	4.56	7.37	5.5	8.9	0.613	0.16	0.25	0.613	0.16	0.25	1525 mm	375 mm
B	1.22	15	4.56	7.37	4.5	7.2	2.73	15	4.56	7.37	10.0	16.1	0.494	0.13	0.20	1.107	0.29	0.45	1525 mm	375 mm
C	0.58	15	4.56	7.37	2.1	3.4	0.58	15	4.56	7.37	2.1	3.4	0.233	0.06	0.10	0.233	0.06	0.10	3050 mm	450 mm
D	0.59	15	4.56	7.37	2.1	3.5	3.90	15	4.56	7.37	14.2	23.0	0.237	0.06	0.10	1.577	0.41	0.65	3050 mm	450 mm
E	0.84	15	4.56	7.37	3.1	5.0	0.84	15	4.56	7.37	3.1	5.0	0.341	0.09	0.14	0.341	0.09	0.14	3050 mm	375 mm
F	0.66	15	4.56	7.37	2.4	3.9	1.50	15	4.56	7.37	5.5	8.9	0.268	0.07	0.11	0.609	0.16	0.25	3050 mm	375 mm
G	0.48	15	4.56	7.37	1.8	2.9	1.00	15	4.56	7.37	3.7	6.0	0.196	0.05	0.08	0.408	0.11	0.17	3050 mm	600 mm
H	0.24	15	4.56	7.37	0.9	1.4	0.24	15	4.56	7.37	0.9	1.4	0.098	0.03	0.04	0.098	0.03	0.04	1525 mm	375 mm
I	0.28	15	4.56	7.37	1.0	1.7	0.28	15	4.56	7.37	1.0	1.7	0.114	0.03	0.05	0.114	0.03	0.05	3050 mm	450 mm
J	0.25	15	4.56	7.37	0.9	1.5	1.38	15	4.56	7.37	5.0	8.2	0.103	0.03	0.04	0.558	0.15	0.23	1525 mm	600 mm
K	1.13	15	4.56	7.37	4.1	6.7	1.13	15	4.56	7.37	4.1	6.7	0.457	0.12	0.19	0.457	0.12	0.19	3050 mm	600 mm
L	0.12	15	4.56	7.37	0.4	0.7	0.12	15	4.56	7.37	0.4	0.7	0.048	0.01	0.02	0.048	0.01	0.02	1525 mm	375 mm
M	0.84	15	4.56	7.37	3.1	5.0	0.96	15	4.56	7.37	3.5	5.7	0.341	0.09	0.14	0.389	0.10	0.16	3050 mm	600 mm
* C _s = 0.80 C ₁₀₀ = 0.80																				



MAPLE IMPROVEMENTS - 135TH ST. W. TO 119TH ST. W.
DRAINAGE MAP (Sta. 9+013.36 to Sta. 9+795.35)

SRB		924 NORTH MAIN WICHITA, KANSAS 67203 www.srb.com	316-264-8008 FAX 316-264-4821 E-Mail: srbs@srb.com	REVISION
SAVOY, RUGGLES & BOHM, P. A. ENGINEERING & SURVEYING				95
PROJECT NUMBER 472-76-245-83262-000-000-001				127
DRAWN JDS	DESIGN JDS	REVIEW	DATE Oct. 1, 2001	UTILITY SRB JOB 1217T