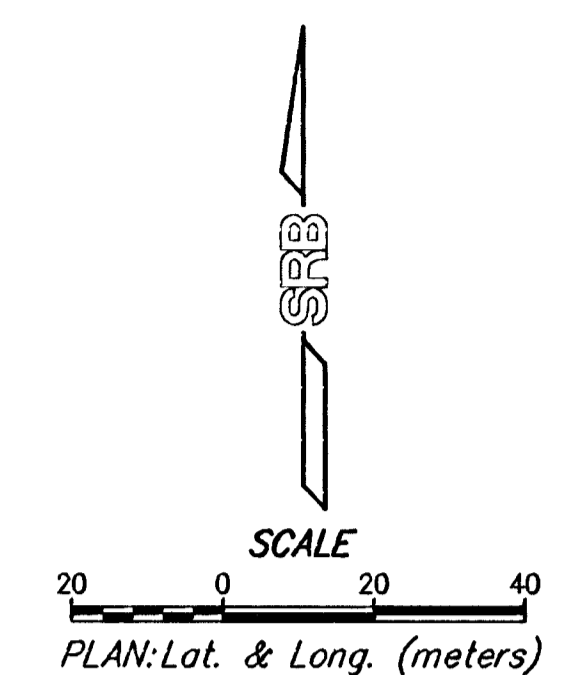


DRAINAGE DATA TABLE

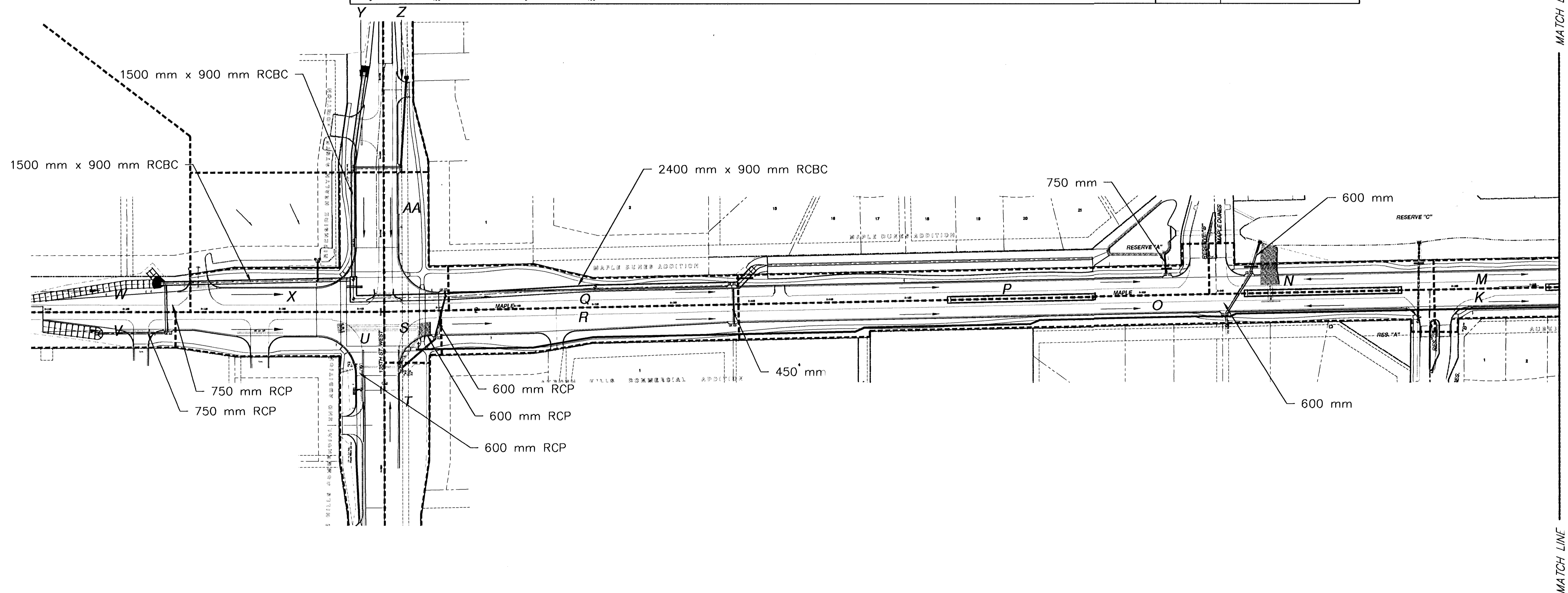
FHWA REGION NO.	STATE	PROJECT NUMBER	FISCAL YEAR	SHEET NUMBER	TOTAL SHEETS
7	KANSAS	87N-0195-01	2001	94	127

BASIN	English (U.S.) $Q = *CIA$												Metric (S.I.)						Storm Sewer	
	AREA (acre)	T_c (min)	I_3 (in)	I_{100} (in)	Q_3 (cfs)	Q_{100} (cfs)	CUM. AREA (acre)	$T_{c_{215}}$ (min)	I_3 (in)	I_{100} (in)	Q_3 (cfs)	Q_{100} (cfs)	AREA (hectare)	Q_3 (cms)	Q_{100} (cms)	CUM. AREA (hectare)	Q_3 (cms)	Q_{100} (cms)	INLET (length)	PIPE (diameter)
N	0.46	15	4.56	7.37	1.7	2.7	1.85	15	4.56	7.37	6.8	10.9	0.185	0.05	0.08	0.749	0.19	0.31	3050 mm	600 mm RCP
O	1.39	15	4.56	7.37	5.1	8.2	1.39	15	4.56	7.37	5.1	8.2	0.561	0.14	0.23	0.561	0.14	0.23	3050 mm	600 mm RCP
P	0.92	15	4.56	7.37	3.4	5.4	0.92	15	4.56	7.37	3.4	5.4	0.374	0.10	0.15	0.374	0.10	0.15	3050 mm	750 mm RCP
Q	0.66	15	4.56	7.37	2.4	3.9	76.26	25	3.50	5.90	133.5	225.0	0.266	0.07	0.11	30.862	3.78	6.37	3050 mm	3000 mm x 900 mm RCP
R	0.75	15	4.56	7.37	2.7	4.4	0.75	15	4.56	7.37	2.7	4.4	0.303	0.08	0.13	0.303	0.08	0.13	3050 mm	600 mm RCP
S	0.18	15	4.56	7.37	0.7	1.1	2.45	15	4.56	7.37	9.0	14.5	0.073	0.02	0.03	0.992	0.25	0.41	3050 mm	600 mm RCP
T	0.69	15	4.56	7.37	2.5	4.1	2.27	15	4.56	7.37	8.3	13.4	0.280	0.07	0.12	0.919	0.24	0.38	3050 mm	600 mm RCP
U	1.58	15	4.56	7.37	5.8	9.3	1.58	15	4.56	7.37	5.8	9.3	0.640	0.16	0.26	0.640	0.16	0.26	3050 mm	600 mm RCP
V	3.44	15	4.56	7.37	12.5	20.3	3.44	15	4.56	7.37	12.5	20.3	1.392	0.36	0.57	1.392	0.36	0.57	End Section	750 mm RCP
W**	36.2	25	3.50	5.90	63.4	106.8	36.2	25	3.50	5.90	63.4	106.8	14.650	1.79	3.02	14.650	1.79	3.02	End Section	1500 mm x 900 mm RCP
X	0.82	15	4.56	7.37	3.0	4.8	32.76	25	3.50	5.90	57.3	96.6	0.330	0.08	0.14	13.258	1.62	2.74	3050 mm	1500 mm x 900 mm RCP
Y**	30.0	25	3.50	5.90	52.5	88.5	30.0	25	3.50	5.90	52.5	88.5	12.141	1.49	2.51	12.141	1.49	2.51	3050 mm	1500 mm x 900 mm RCP
Z	1.49	15	4.56	7.37	5.4	8.8	1.49	15	4.56	7.37	5.4	8.8	0.604	0.15	0.25	0.604	0.15	0.25	3050 mm	600 mm RCP
AA	0.45	15	4.56	7.37	1.6	2.7	1.94	15	4.56	7.37	7.0	11.5	0.183	0.05	0.08	0.785	0.20	0.33	3050 mm	3000 mm x 900 mm RCP
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

* $C_s = 0.80$ $C_{100} = 0.80$ ** $C_s = 0.50$ $C_{100} = 0.50$



BY	DATE
REFERENCES NOTED	REFERENCES CHECKED



MAPLE IMPROVEMENTS - 135TH ST. W. TO 119TH ST. W.
DRAINAGE MAP (Sta. 8+294.794 to Sta. 9+013.36)

SRB	224 NORTH MAIN WICHITA, KANSAS 67203 www.srb.com	318-264-8008 FAX 264-4621 E-Mail: srb@srb.com	REVISED
SAVOY, RUGGLES & BOHM, P. A. ENGINEERING & SURVEYING			94
PROJECT NUMBER 472-76-245-83262-000-000-001			127
DRAWN JDS	DESIGN JDS	REVIEW 	DATE Oct. 1, 2001