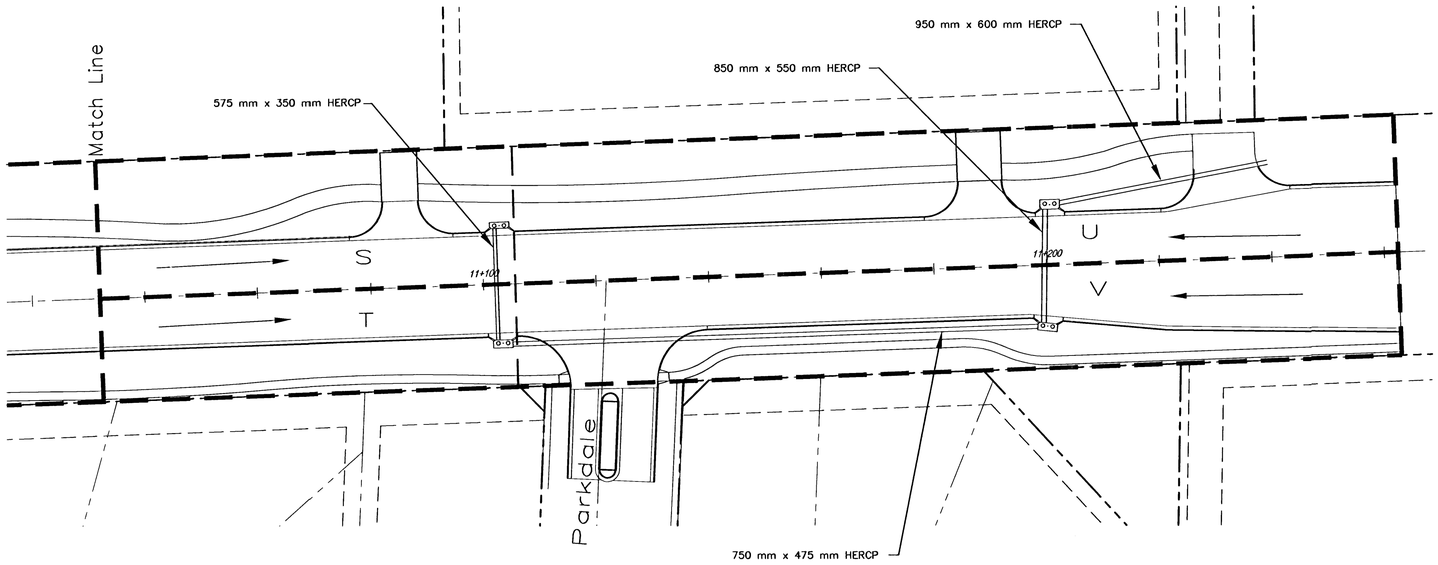
FHWA REGION NO.	STATE	PROJECT NUMBER	FISCAL YEAR	SHEET NUMBER	TOTAL SHEETS
7	KANSAS	87 N-0189-01	2001	53	105

DATE	BY	
		REFERENCES NOTED
		REFERENCES CHECKED

DRAINAGE DATA TABLE

	ENGLISH (U.S.) Q=CIA										
BASIN	AREA (sq. feet)	AREA (acre)	'C'	Tc (min)	I-5 (in)	I-100 (in)	Q-5 (cfs)	Q-100 (cfs)	Cum. Area (acre)	Cum. Q-5 (cfs)	Cum. Q-100 (cfs)
S	19364	0.44	0.85	15	4.56	7.37	1.72	2.78	0.44	1.72	2.78
T	14617	0.34	0.85	15	4.56	7.37	1.30	2.10	0.78	3.02	4.89
U	41129	0.94	0.85	15	4.56	7.37	3.66	5.91	2.44	9.46	15.28
V	31151	0.72	0.85	15	4.56	7.37	2.77	4.48	1.50	5.80	9.37

	METRIC (S.I.)						STORM SEWER	
BASIN	AREA (hectare)	Q-5 (m^3)	Q-100 (m^3)	Cum. Area (hectare)	Cum. Q-5 (m^3)	Cum. Q-100 (m^3)	INLET (length, mm)	PIPE (diameter, mm)
S	0.180	0.049	0.079	0.180	0.049	0.079	3 400 mm	575 mm x 350 mm
T	0.136	0.037	0.060	0.316	0.086	0.138	3 400 mm	750 mm x 475 mm
U	0.382	0.104	0.168	0.987	0.268	0.433	3 400 mm	850 mm x 550mm
V	0.289	0.078	0.127	0.605	0.164	0.265	3 400 mm	950 mm x 600 mm



SCALE 1:50

DRAINAGE MAPS
21ST STREET - MAIZE TO 119TH ST. W.

SRB
924 NORTH MAIN
WICHITA, KANSAS 67203
316-264-8008
FAX 264-4621
www.srbl.com
E-Mail: srb@srbl.com

SAVOY, RUGGLES & BOHM, P. A.
ENGINEERING & SURVEYING

PROJECT NUMBER
472-83138

DRAWN	DESIGN	REVIEW	DATE	UTILITY	SRB JOB
MWS	MWS	CMB	01/29/2001	-	1478T

REVISED

Dgn: P:\c drainage_maps4.dwg

53
105