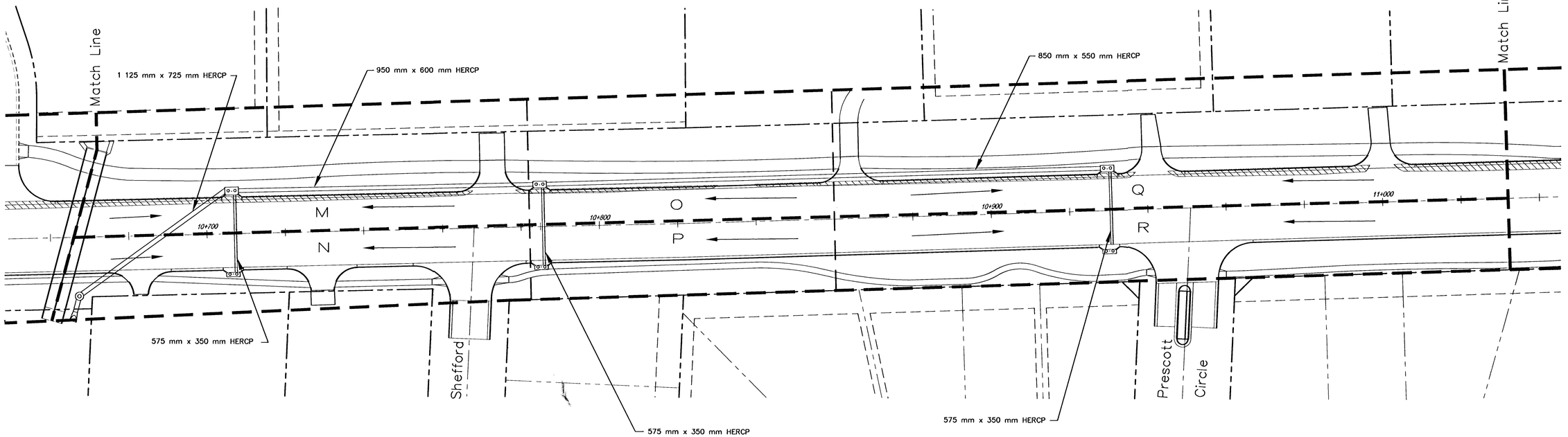
FHWA REGION NO.	STATE	PROJECT NUMBER	FISCAL YEAR	SHEET NUMBER	TOTAL SHEETS
7	KANSAS	87 N-0189-01	2001	52	105

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)
M	38438	0.88	0.85	15	4.56	7.37	3.42	5.53	4.66	18.05	29.17
N	25833	0.59	0.85	15	4.56	7.37	2.30	3.72	0.59	2.30	3.72
O	26802	0.62	0.85	15	4.56	7.37	2.38	3.85	3.18	12.33	19.92
P	16092	0.37	0.85	15	4.56	7.37	1.43	2.31	0.37	1.43	2.31
Q	59998	1.38	0.85	15	4.56	7.37	5.34	8.63	2.20	8.51	13.75
R	35639	0.82	0.85	15	4.56	7.37	3.17	5.13	0.82	3.17	5.13

	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)
M	0.357	0.097	0.157	1.884	0.511	0.826	3 400 mm	1 125 mm x 725 mm
N	0.240	0.065	0.105	0.240	0.065	0.105	3 400 mm	575 mm x 350 mm
O	0.249	0.068	0.109	1.287	0.349	0.564	3 400 mm	950 mm x 600 mm
P	0.150	0.041	0.066	0.150	0.041	0.066	3 400 mm	575 mm x 350 mm
Q	0.557	0.151	0.244	0.889	0.241	0.390	3 400 mm	850 mm x 550mm
R	0.331	0.090	0.145	0.331	0.090	0.145	3 400 mm	575 mm x 350 mm



SCALE
1:50

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

SRB
924 NORTH MAIN
WICHITA KANSAS 67203
www.srb1.com
316-264-8008
FAX 264-4621
E-Mail: srb@srb1.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

per file: drainage_maps3.dwg

52
105