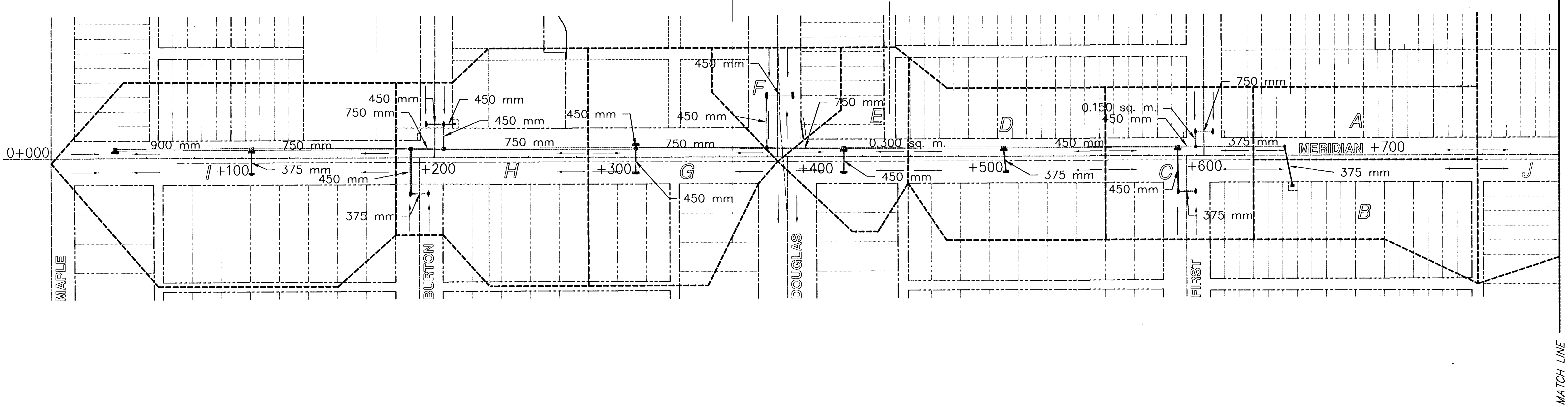


DATE	
BY	
REFERENCES NOTED	
REFERENCES CHECKED	

FHWA REGION NO.	STATE	PROJECT NUMBER	FISCAL YEAR	SHEET NUMBER	TOTAL SHEETS
7	KANSAS	87N-0080-01	1997	126	162

DRAINAGE DATA TABLE

BASIN	English (U.S.) $Q = *CIA$												Metric (S.I.)					
	AREA (acre)	T_c (min)	I_s (in)	I_{100} (in)	Q_s (cfs)	Q_{100} (cfs)	CUM. AREA (acre)	$T_{c_{sys}}$ (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)
A	1.37	18	4.20	6.84	3.1	6.3	1.37	18	4.20	6.84	3.1	6.3	0.6	0.09	0.18	0.6	0.09	0.18
B	1.07	15	4.56	7.37	2.6	5.3	2.44	18	4.20	6.84	5.5	11.2	0.4	0.07	0.15	1.0	0.16	0.32
C	3.93	19	4.10	6.68	8.7	17.6	3.93	19	4.10	6.68	8.7	17.6	1.6	0.25	0.50	1.6	0.25	0.50
D	1.96	15	4.56	7.37	4.8	9.7	5.89	21	3.90	6.39	12.4	25.2	0.8	0.14	0.28	2.4	0.35	0.71
E	1.1	15	4.56	7.37	2.7	5.4	6.99	22	3.81	6.26	14.4	29.3	0.4	0.08	0.15	2.8	0.41	0.83
F	0.74	15	4.56	7.37	1.8	3.7	7.73	23	3.73	6.13	15.6	31.7	0.3	0.05	0.11	3.1	0.44	0.90
G	2.53	15	4.56	7.37	6.2	12.5	10.26	24	3.65	6.01	20.2	41.3	1.0	0.18	0.35	4.2	0.57	1.17
H	2.62	15	4.56	7.37	6.5	12.9	12.88	26	3.50	5.79	24.3	50.0	1.1	0.18	0.37	5.2	0.69	1.42
I	4.18	15	4.56	7.37	10.3	20.6	17.06	27	3.43	5.69	31.6	65.0	1.7	0.29	0.58	6.9	0.90	1.84
* $C_s = 0.54$ $C_{100} = 0.67$																		



SCALE
20 0 20 40
PLAN: Lat. & Long. (meters)

MERIDIAN IMPROVEMENTS DRAINAGE MAP - SOUTH					
SRB 924 NORTH MAIN 318-284-8008 WICHITA, KANSAS 67203 FAX 318-284-8821 http://www.srb.com/~srb E-Mail: srb@srb.com					
SAVOY, RUGGLES & BOHM, P.A. ENGINEERING & SURVEYING					
PROJECT NUMBER 472-76-245-82740-000-000-001					
DRAWN JDS	DESIGN C. Bohm	REVIEW SRB	DATE July 9, 1998	UTILITY	SRB JOB 539T