FHWA REGION NO.	STATE	PROJECT NUMBER	FISCAL YEAR	SHEET NUMBER	TOTAL SHEETS
7	KANSAS	87N-0195-01	2001	98	127

BY	DATE
REFERENCES NOTED	
REFERENCES CHECKED	

INLET AND MANHOLE DATA

LOCATIONS OF INSTALLATIONS			CONSTRUCT OR INSTALL								
STATION	ROUTE IDENTIFICATION	DISTANCE LT./RT. (m)	INLET (TYPE I) (CURB) 1900mm	INLET (TYPE I) (CURB) 3400mm	INLET (TYPE IA) (CURB) 1900mm	INLET (TYPE IA) (CURB) 3400mm	MANHOLE (TYPE 'P') 1200mm	MANHOLE (SHALLOW) TYPE 'P' 1500mm	RCB ACCESS MANHOLE	EXIST. INLET TO MANHOLE	INLET MANHOLE SPECIAL
8+378.037	MAPLE	16 162 LT.							1		
8+396.393	MAPLE	16 540 LT.							1		
8+396.429	MAPLE	6 659 LT.							1		
8+443.236	MAPLE	6 950 LT.							1		
8+520	MAPLE	9 787 LT.							1		
8+590	MAPLE	10 379 LT.				1					
8+590	MAPLE	10 379 RT.				1					
5+073.018	135TH	15 704 LT.				1					
5+035.272	135TH	15 705 LT.				1					
8+378.124	MAPLE	25 877 LT.	1								
8+442.410	MAPLE	10 379 LT.				1					
8+438.384	MAPLE	13 779 RT.				1					
4+970.951	135TH	8 507 RT.				1					
5+073.018	135TH	8 454 RT.				1					
4+971.911	135TH	11 752 LT.								1	
4+959.520	135TH	15 044 LT.		1							
4+960.346	135TH	11 752 LT.						1			
8+940.765	MAPLE	13 247 RT.						1			
9+156.498	MAPLE	20 852 LT.				1					
9+169.117	MAPLE	20 341 LT.			1						
9+192.649	MAPLE	9 787 RT.				1					
9+192.649	MAPLE	9 787 LT.			1						
9+299.701	MAPLE	10 379 RT.				1					
9+317.632	MAPLE	10 379 LT.				1					
9+337.798	MAPLE	10 379 RT.			1						
9+450.235	MAPLE	10 283 RT.				1					
9+450.260	MAPLE	10 282 LT.				1					
8+265	MAPLE	10 887 RT.									1
8+301.626	MAPLE	10 537 RT.				1					
9+598	MAPLE	9 250 RT.					1				
9+649.873	MAPLE	8 529 RT.				1					
9+649.685	MAPLE	8 529 LT.				1					
9+717.820	MAPLE	8 529 RT.			1						
9+717.824	MAPLE	8 533 LT.	1		1						
9+791.082	MAPLE	9 988 RT.	1								
9+844.237	MAPLE	9 988 RT.	1								
8+813.581	MAPLE	9 787 LT.				1					
8+841.978	MAPLE	10 379 RT.				1					
8+842.764	MAPLE	16 198 RT.						1			
8+854.991	MAPLE	10 379 LT.				1					
TOTALS (THIS SHEET)			3	1	5	20	1	3	5	1	1

CONDUIT DATA

LOCATIONS OF INSTALLATIONS			CONSTRUCT OR INSTALL		
STATION	ROUTE IDENTIFICATION	DISTANCE LT./RT. (m)	TYPE OF CONDUIT SIZE	MATERIAL	LENGTH (m)
8+396.393	MAPLE	16 162 LT.	900 x 1 500	RCB	98 812
8+396.426	MAPLE	6 659 LT.	900 x 3 000	RCB	9 881
8+443.236	MAPLE	6 950 LT.	900 x 3 000	RCB	46 667
8+520	MAPLE	9 787 LT.	900 x 3 000	RCB	94 641
8+593.197	MAPLE	9 787 LT	900 x 3 000	RCB	55 371
8+590	MAPLE	CL	450	RCP	19 575
8+601.455	MAPLE	18 045 LT.	900 x 3 000	RCB	11 679
5+080	135TH	15 612 LT.	900 x 1 500	RCB	38 906
5+016.594	135TH	15 615 LT.	900 x 1 500	RCB	67 318
8+378.124	MAPLE	25 877 LT.	450	RCP	9 715
8+443.236	MAPLE	6 950 LT.	600	RCP	3 527
8+438.384	MAPLE	13 779 RT.	475 x 750	HERCP	21 289
4+970.951	135TH	8 507 RT.	600	RCP	23 998
5+118.688	135TH	11 503 RT.	600	RCP	45 772
5+073.018	135TH	15 704 LT.	600	RCP	24 158
4+960.346	135TH	11 752 LT.	375	RCP	3 395
8+942.153	MAPLE	23 534 LT.	750	RCP	39 733
9+168.519	MAPLE	19 884 LT.	600	RCP	12 630
9+174.535	MAPLE	23 245 LT.	600	RCP	6 151
9+192.649	MAPLE	9 787 LT.	600	RCP	20 784
9+195.619	MAPLE	14 244 LT.	600	RCP	4 886
9+317.632	MAPLE	10 379 LT.	450	RCP	27 430
9+317.095	MAPLE	18594 LT.	600	RCP	8 236
9+337.798	MAPLE	10 379 RT.	375	RCP	28 940
9+450.260	MAPLE	10 282 LT.	375	RCP	20 565
9+449.485	MAPLE	20 388 LT.	375	RCP	10 135
8+301.626	MAPLE	10 537 RT.	750	RCP	36 629
8+300.281	MAPLE	14 549 LT.	600 x 950	HERCP	24 960
9+598	MAPLE	9 250 RT.	450	RCP	32 750
9+649.873	MAPLE	8 529 RT.	450	RCP	51 675
9+649.685	MAPLE	8 529 LT.	375	RCP	17 058
9+717.820	MAPLE	8 529 RT.	375	RCP	68 147
9+717.824	MAPLE	8 533 LT.	375	RCP	17 061
9+791.082	MAPLE	9 988 RT.	375	RCP	73 279
9+844.237	MAPLE	9 988 LT.	375	RCP	53 155
8+811.900	MAPLE	20 388 LT.	450	RCP	10 720
8+854.991	MAPLE	10 379 LT.	750	RCP	24 500
8+860.571	MAPLE	24 455 LT.	750	RCP	16 076

RECAPITULATION OF QUANTITIES

ITEM	QUANTITY	UNIT
PARTICIPATING		
Site Clearing and Preparation	1	L.S.
Common Excavation	15428	Cu. Meters
Compaction of Earthwork (Type B) (MR-90)	8752	Cu. Meters
Pavement Removal	17723	Sq. Meters
Removal of Existing RCBC	1	L.S.
Removal of Existing Structures	1	L.S.
Crushed Stone Subgrade (125mm)	273	Sq. Meters
Crushed Stone Subgrade (150mm)	2759	Sq. Meters
Crushed Stone Subgrade (175mm)	1010	Sq. Meters
Crushed Stone Subgrade (200mm)	34188	Sq. Meters
Geogrid Reinforcement (For Base)	38229	Sq. Meters
AC Pavement (125mm)	357	Sq. Meters
AC Pavement (175mm)	29284	Sq. Meters
Mill Surface (12mm)	585	Sq. Meters
Overlay Surface 50mm Bit. Surf.	585	Sq. Meters
Transition Rail (Bridge Approach)	40	Meters
Concrete Pavement (260mm) (Bridge Approach)	332	Sq. Meters
Concrete Pavement (230mm) (Intersection)	2276	Sq. Meters
Concrete Pavement (200mm) (V.C.)	1164	Sq. Meters
Concrete Pavement (200mm) (Drives)	1184	Sq. Meters
Paving Brick (80mm)	347	Sq. Meters
Combined Curb and Gutter (150mm & 165mm)	3519	Meters
Combined Curb and Gutter (Median)	635	Meters
Edge Curb (150mm)	204	Meters
Sidewalk Pavement (100mm)	5670	Sq. Meters
Sidewalk Pavement (250mm)	72	Sq. Meters
Wheelchair Ramp	18	Each
Retaining Wall	60	Meters
Inlet (Type I)(Curb)(L=1900mm)	3	Each
Inlet (Type I)(Curb)(L=3400mm)	1	Each
Inlet (Type IA)(Curb)(L=1900mm)	5	Each
Inlet (Type IA)(Curb)(L=3400mm)	20	Each
Manhole Type P (1200mm)	1	Each
Manhole Shallow Type P (1500mm)	3	Each
RCBC Access Manhole	5	Each
Inlet to Manhole Conversion	1	Each
Inlet Manhole Special	1	Each
* 3000mm x 900 RCBC incl. End Section	218	Meters
* 1500mm x 900 RCBC incl. End Section	205	Meters
750mm Storm Sewer (RCP)	117	Meters
600mm Storm Sewer (RCP)	150	Meters
450mm Storm Sewer (RCP)	152	Meters
375mm Storm Sewer (RCP)	293	Meters
475mm x 750 mm Storm Sewer (HERCP)	21	Meters
600mm x 950 mm Storm Sewer (HERCP)	25	Meters
Type 1A Hook Up	24	Each
Heavy Stone Rip-rap	225	Sq. Meters
Light Stone Rip-rap	722	Sq. Meters
Erosion Control Mat	953	Sq. Meters
Concrete Weir Structure	1	L.S.
Wrought Iron Fence	12	Meters
Field Office and Laboratory (Type A)	1	L.S.
Pavement Marking	1	L.S.
Temporary Pavement (incl. removal)	1	L.S.
Monument Box	2	Each
Traffic Control	1	L.S.
Signalization	1	L.S.
Traffic Signs	1	L.S.
Erosion Control (includes temporary seeding)	1	L.S.
Site Restoration (Includes Permanent Seeding)	1	L.S.
Mobilization	1	L.S.
Mobilization (DBE)	1	L.S.
Highway Trainee (SET)	500	Hr.
Bridge Construction	See Sht. 28	
Reinforced Concrete Flume (135mm)	166	Meters
NON-PARTICIPATING		
Irrigation Sleeve/Sprinkler System Repairs	1	L.S.
450mm PVC SS Pipe	27	Meters
Std. Manhole (Type P)	1	Each
San. Sewer MH Adjusted	1	L.S.
Valve Boxes Adjusted	1	L.S.
Abandon 450mm SS Pipe	70	Meters
Bridge Plaque	1	Each

* 75 % Part. 165 % Non-Part.

SIDEWALK CONSTRUCTION (100 mm)

STATION TO STATION	ROADWAY	SIDE	WIDTH (M)	100 mm (SQ. METERS)	REMARKS
8+353 to 8+393.2	MAPLE	Rt.	1.8	87.105	Including Wheelchair Ramp
8+292 to 8+344	MAPLE	Rt.	1.8	94.451	Including Wheelchair Ramp
8+311.043 to 8+396	MAPLE & 135TH	Lt.	1.8	264.834	Including Wheelchair Ramp
8+421 to 8+823.4	MAPLE	Lt.	1.8	907.042	Including Wheelchair Ramps
8+419.490 to 8+941.5	MAPLE	Rt.	1.8	952.377	Including Wheelchair Ramps
8+843.6 to 9+158.7	MAPLE	Lt.	1.8	609.541	Including Wheelchair Ramps
8+957.6 to 9+313.3	MAPLE	Rt.	1.8	611.085	Including Wheelchair Ramps
9+168.6 to 9+411.3	MAPLE	Lt.	1.8	437.754	
9+325.2 to 9+522.689	MAPLE	Lt.	1.8	230.210	Including Wheelchair Ramps
9+435.6 to 9+522.689	MAPLE	Rt.	1.8	210.530	
9+583.469 to 9+830	MAPLE	Lt.	1.8	447.350	Including Wheelchair Ramps
9+583.469 to 9+951.428	MAPLE	Rt.	1.8	631.058	Including Wheelchair Ramps
9+848 to 9+951.433	MAPLE	Lt.	1.8	186.718	Including Wheelchair Ramps
TOTALS				5670.055	

EARTHWORK

STA TO STA	EXCAVATION COMMON CU. METERS	EXCAVATION COMMON V.M.F.	EXCAVATION ROCK CU. METERS	COMPACTION (IN FILL) (TYPE B) (MR-90) CU. METERS	COMPACTION (IN CUT) (TYPE B) (MR-90) CU. METERS	WASTE COMMON	WASTE ROCK	BORROW COMMON	BORROW ROCK
MAPLE									
8+205.698 to 9+951.429	14143	–	–	8280	--	–	–	–	–
135TH ST. W.									
4+880.339 to 4+967.481	257	–	–	0	–	–	–	–	–
5+032.693 to 5+175	819	–	–	459	–	–	–	–	–
FORESTVIEW									
4+957.420 to 4+981.605	209	–	–	13	–	–	–	–	–
TOTALS	15428	–	17723	8752	–	6676	17723	–	–

SIDEWALK CONSTRUCTION (250 mm)

STATION TO STATION	ROADWAY	SIDE	WIDTH (M)	250 mm (SQ. METERS)	REMARKS
9+522.689 to 9+532.714	MAPLE	Lt.	1.8	18.033	
9+522.689 to 9+532.714	MAPLE	Rt.	1.8	18.033	
9+573.404 to 9+582.546	MAPLE	Lt.	1.8	18.033	
9+573.404 to 9+582.546	MAPLE	Rt.	1.8	18.033	
TOTALS				72.132	

CONCRETE PAVEMENT (230 mm)

STATION TO STATION	ROADWAY	SIDE	CONC. PVMT. (230 mm UNIF.) (SQ. METERS)	REMARKS
INTERSECTION				
8+377.615 to 8+439.863	MAPLE	Lt. & Rt.	2276.370	
TOTALS			2276.370	

MAPLE ST. IMPROVEMENTS - 135TH ST. TO 119TH ST. W.
SUMMARY OF QUANTITIES

SRB 924 NORTH MAIN WICHITA, KANSAS 67203 316-264-8008 FAX 264-4621 www.srb1.com E-Mail: srb@srb1.com
SAVOY, RUGGLES & BOHM, P.A.
ENGINEERING & SURVEYING

PROJECT NUMBER 472-76-245-83262-000-000-001

DRAWN	DESIGN	REVIEW	DATE	UTILITY	SRB JOB
TEB	JDS		Oct. 5, 2001		1216T

REVISED

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