FHWA REGION NO.	STATE	PROJECT NUMBER	FISCAL YEAR	SHEET NUMBER	TOTAL SHEETS
7	KANSAS	87N-0127-01	1999	60	90

BY	DATE
REFERENCES NOTED	
REFERENCES CHECKED	

COMBINED CURB & GUTTER

STA. TO STA.	ROADWAY	SIDE	TYPE I (LIN. METERS)	TYPE II (LIN. METERS)	TYPE III (LIN. METERS)	REMARKS
4+935.17 to 4+966.70	119TH	LT.	31.53			
4+935.12 to 4+976.18	119TH	RT.	43.01			
5+028.51 to 5+127.69	119TH	LT.	99.46			
5+029.64 to 5+127.69	119TH	RT.	98.28			
4+935.15 to 4+980.91	119TH	CL			92.44	
MAPLE & 119TH	–	–	117.89			
9+951.46 to 9+969.80	MAPLE	LT.	20.34			
9+951.46 to 9+965.05	MAPLE	RT.	15.59			
10+031.02 to 10+319.11	MAPLE	LT.	288.09			
10+025.22 to 10+181.28	MAPLE	RT.	156.06			
10+092.14 to 10+180.98	MAPLE	CL			181.23	
10+208.72 to 10+229.22	MAPLE	RT.	20.50			
10+229.22 to 10+238.87	MAPLE	RT.		9.65		
10+238.87 to 10+419.02	MAPLE	RT.	180.15			
10+348.39 to 10+683.96	MAPLE	LT.	335.57			
10+348.39 to 10+418.72	MAPLE	CL			143.59	
10+446.46 to 10+734.03	MAPLE	RT.	287.57			
10+487.76 to 10+642.66	MAPLE	CL			313.33	
10+712.62 to 10+940.05	MAPLE	LT.	227.37			
10+761.47 to 11+027.78	MAPLE	RT.	266.37			
10+802.79 to 10+898.75	MAPLE	CL			195.47	
10+975.42 to 11+627.48	MAPLE	CL			107.67	
10+975.12 to 11+104.04	MAPLE	LT.	128.92			
11+064.68 to 11+216.79	MAPLE	RT.	152.24			
11+104.04 to 11+118.62	MAPLE	LT.		14.58		
11+118.62 to 11+127.26	MAPLE	LT.	8.64			
11+127.26 to 11+137.91	MAPLE	LT.		10.66		
11+137.91 to 11+142.87	MAPLE	LT.	4.96			
11+142.87 to 11+154.34	MAPLE	LT.		11.47		
11+154.34 to 11+188.83	MAPLE	LT.	34.49			
11+188.83 to 11+195.70	MAPLE	LT.		6.87		
11+195.70 to 11+197.32	MAPLE	LT.	1.62			
MAPLE & PARKRIDGE		LT.	72.15			
11+216.79 to 11+232.31	MAPLE	RT.		15.52		
11+232.31 to 11+247.01	MAPLE	RT.	14.70			
11+247.01 to 11+260.31	MAPLE	RT.		13.30		
11+260.21 to 11+298.49	MAPLE	RT.	38.28			
11+226.60 to 11+297.43	MAPLE	LT.	71.07			
11+321.20 to 11+351.59	MAPLE	RT.	71.07			
11+351.59 to 11+364.90	MAPLE	RT.	17.28			
11+297.43 to 11+320.62	MAPLE	LT.		23.19		
11+320.62 to 11+400.20	MAPLE	LT.	79.58			
11+364.90 to 11+382.18	MAPLE	RT.	17.28			
11+382.18 to 11+395.46	MAPLE	RT.		13.28		
11+395.46 to 11+415.22	MAPLE	RT.	19.76			
TOTALS			2,917.8	118.5	1,033.7	

RETAINING WALL (300 mm)

STATION TO STATION	ROADWAY	LOCATION	RETAINING WALL (300 mm) (LIN. METERS)	REMARKS
10+086.00 to 10+322.00	MAPLE	Lt.	236.00	
10+324.51	MAPLE	Lt.	6.97	PARKRIDGE
10+343.00	MAPLE	Lt.	6.97	PARKRIDGE
10+304.51 to 10+324.51	MAPLE	Lt.	20.00	
10+343.00 to 10+36.00	MAPLE	Lt.	20.00	
5+033.00 to 5+077.31	119TH	Rt.	44.32	
5+077.31 to 5+082.00	119TH	Rt.	4.72	
10+345.00 to 10+410.00	MAPLE	Lt.	65.00	
TOTALS			404.0	

CRUSHED STONE SUBGRADE

STA TO STA	ROADWAY	LOCATION	160 mm (SQ.METERS)	175 mm (SQ.METERS)	200 mm (SQ.METERS)	GEOGRID REINF. FOR BASE (SQ.METERS)
MAPLE & 119TH		INTER.		2,532.07		2,532.07
9+896.12 to 11+415.13	MAPLE				28,393.94	28,393.94
4+862.31 to 4+966.67	119TH ST. W.				2,430.40	2,430.40
5+029.64 to 5+127.69	119TH ST. W.				1,621.00	1,621.00
10+195.00	MAPLE	RT.		119.84		119.84
10+333.75	MAPLE	LT.		135.84		135.84
10+432.74	MAPLE	RT.		119.84		119.84
10+698.29	MAPLE	LT.		130.45		130.45
10+747.75	MAPLE	RT.		119.84		119.84
11+046.23	MAPLE	RT.		186.22		186.22
10+957.58	MAPLE	LT.		189.30		189.30
11+211.96	MAPLE	LT.		196.56		196.56
11+388.92	MAPLE	RT.		99.42		99.42
MAPLE & CEDAR CREST	MAPLE	RT.	28.11			28.11
MAPLE & PARKRIDGE	MAPLE	LT.	428.74			428.74
MAPLE & PARKRIDGE	MAPLE	RT.	31.59			31.59
MAPLE & SHEFFORD	MAPLE	LT.	12.68			12.68
MAPLE & SHEFFORD	MAPLE	RT.	31.36			31.36
MAPLE & PRESCOTT	MAPLE	LT.	19.08			19.08
MAPLE & PARKDALE	MAPLE	RT.	20.80			20.80
MAPLE & LARK	MAPLE	LT.	13.29			13.29
TOTALS			585.7	3,829.4	32,445.3	36,860.4

ASPHALTIC CONCRETE PAVEMENT (140mm)

STA TO STA.	ROADWAY	BASE THICKNESS (mm)	SURFACE THICKNESS (mm)	A.C. PAVEMENT (SQ. METERS)	REMARKS
MAPLE & CEDAR CREST	RT.	90	50	26.26	
MAPLE & PARKRIDGE	LT.	90	50	354.40	
MAPLE & PARKRIDGE	RT.	90	50	25.07	
MAPLE & SHEFFORD	LT.	90	50	9.19	
MAPLE & SHEFFORD	RT.	90	50	24.95	
MAPLE & PRESCOTT	LT.	90	50	11.43	
MAPLE & PARKDALE	RT.	90	50	12.04	
MAPLE & LARK	LT.	90	50	9.79	
TOTALS				473.1	

ASPHALTIC CONCRETE PAVEMENT (175mm)

STA TO STA.	ROADWAY	BASE THICKNESS (mm)	SURFACE THICKNESS (mm)	A.C. PAVEMENT (SQ. METERS)	REMARKS
9+896.12 to 9+951.46	MAPLE	125	50	774.67	TAPER SECTION
9+951.46 to 9+965.05	MAPLE	125	50	281.34	
10+031.02 to 11+415.31	MAPLE	125	50	23,519.30	
4+862.31 to 4+966.67	119TH ST. W.	125	50	2,089.64	
5+029.64 to 5+127.69	119TH ST. W.	125	50	1,415.81	
TOTALS				28,080.8	

WATERLINE RELOCATION (FOR INFORMATION ONLY)

BID ITEM	BID QUANTITY
400 mm PIPE	264.9 L.M.
200 mm PIPE	52.8 L.M.
400 mm DICL PIPE	20.5 L.M.
300 mm DICL PIPE	3.4 L.M.
200 mm DICL PIPE	1.6 L.M.
400 mm GATE VALVE ASSEMBLY	1 EACH
300 mm GATE VALVE ASSEMBLY	1 EACH
200 mm GATE VALVE ASSEMBLY	1 EACH
400 mm CAP	1 EACH
200 mm CAP	1 EACH
FIRE HYDRANT ASSEMBLY	2 EACH
AIR RELEASE RELOCATION	1 EACH
100 mm BLOW-OFF ASSEMBLY	1 EACH
CASING PIPE REMOVAL	12.2 L.M.
400 mm WATERLINE REMOVAL	226.9 L.M.
200 mm WATERLINE REMOVAL	52.1 L.M.
FIRE HYDRANT REMOVAL	3 EACH

RECAPITULATION OF QUANTITIES

ITEM	QUANTITY	UNIT
PARTICIPATING		
Site Clearing and Preparation	1	L.S.
Common Excavation	21,899	Cu. Meters
Compaction of Earthwork (Type B) (MR-90)	3,357	Cu. Meters
Pavement Removal	3,358	Cu. Meters
Drive, Walk, & Parking Lot Pavement Removal	112	Sq. Meters
Removal of Existing RCBC	1	L.S.
Removal of Existing Structures	1	L.S.
Geogrid Reinforcement (For Base)	36,860.4	Sq. Meters
Crushed Stone Subgrade (200mm)	32,445.3	Sq. Meters
AC Pavement (175mm)	28,080.8	Sq. Meters
Crushed Stone Subgrade (175mm)	3,829.4	Sq. Meters
Concrete Pavement (200mm) (V.G.)	1,504.1	Sq. Meters
Concrete Pavement (200mm) (Intersection)	2,387	Sq. Meters
Crushed Stone Subgrade (160mm)	585.7	Sq. Meters
AC Pavement (140mm)	473.1	Sq. Meters
Concrete Pavement (200mm) (Drives)	381.2	Sq. Meters
Concrete Pavement (150mm) (Drives)	144.7	Sq. Meters
Paving Brick (80mm)	368.3	Sq. Meters
Combined Curb and Gutter (Type I and II)	3,036.3	Lin. Meters
Combined Curb and Gutter (Type III)	1,033.7	Lin. Meters
Edge Curb (150mm)	256.4	Lin. Meters
Sidewalk Pavement (100mm)	4,405	Sq. Meters
Wheelchair Ramp	23	Each
Retaining Wall	404	Lin. Meters
Inlet (Type I)(Curb)(L=1500mm)	9	Each
Inlet (Type I)(Curb)(L=3000mm)	2	Each
Inlet Modification	2	Each
Manhole (Type P)(1220mm Dia.) w/Beehive	2	Each
Std. Manhole (Shallow)(1800mm Dia.)	3	Each
Cast Iron Curb Casting	1	Each
150mm PVC Pipe	7	Lin. Meters
1125mm x 725mm Storm Sewer (HERCP)	96	Lin. Meters
900mm Storm Sewer (RCP)	75	Lin. Meters
750mm Storm Sewer (RCP)	344	Lin. Meters
600mm Storm Sewer (RCP)	86	Lin. Meters
450mm Storm Sewer (RCP)	29	Lin. Meters
375mm Storm Sewer (RCP)	27	Lin. Meters
2400mm x 1200mm RCBC Incl. Headwalls	1	L.S.
Heavy Stone Rip-rap	87	Sq. Meters
Field Office and Laboratory (Type A)	1	L.S.
Pavement Marking	1	L.S.
Temporary Pavement	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)	2	Hr.
NON-PARTICIPATING		
Valve Boxes, Meters and Air Releases Adjusted	1	L.S.
Water Line Relocations	1	L.S.
4" C-900 Irrigation Sleeve/Sprinkler System Repairs	1	L.S.
2 Year Maintenance Warranty	1	L.S.

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

SRB
924 NORTH MAIN
WICHITA, KANSAS 67203
http://www.feist.com/~srb
316-264-8000
FAX 264-4621
E-Mail: srb@feist.com
SAVOY, RUGGLES & BOHM, P.A.
ENGINEERING & SURVEYING

REVISED

PROJECT NUMBER
472-76-245-83053-000-000-001

DRAWN	DESIGN	REVIEW	DATE	UTILITY	SRB JOB
Staff	Staff		Mar. 31, 2000		1216T

SHEET 60
OF 90