

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	87 N-0307-01	2006	44	89

DRIVEWAY PAVEMENT					
STATION	SIDE	QUANTITY (SQ. YD.)	8" CONC (SQ. YD.)	7" ASPHALT (SQ. YD.)	CURB & GUTTER (L.F.)
RIDGE RD.:					
18+53.72	Rt.	47.97			
19+84.81	Lt.	130.52			
22+20.20	Rt.	37.53			
27+75.50	Lt.	101.47	123.23		28.78
28+51.80	Rt.	103.37		151.92	57.52
28+98.10	Lt.	95.16		114.12	28.88
30+31.77	Rt.	61.15	66.91		61.28
30+94.27	Lt.	28.96	17.06		
31+87.15	Rt.	98.93			
32+54.38	Lt.	57.06	19.71		
MAPLE:					
43+68.80	Lt.	69.06			
45+56.91	Rt.	77.70		15.89	17.25
47+30.50	Lt.	115.11			
48+68.00	Lt.	121.46			
55+24.91	Rt.	16.80	15.22		
56+88.75	Lt.	25.96			
TOTAL		1,188.65	242.13	281.93	193.71

CONCRETE PAVEMENT				
STATION/LOCATION	SIDE	Widening 9" (AE) (SQ. YD.)	9" (AE) (SQ. YD.)	REMARKS
RIDGE RD.:				
15+69.60 to 25+12.90	Lt.	652.36		
15+96.24 to 25+12.90	Rt.	1112.30		
21+05.94 to 25+12.90	☐		392.79	Old Median
27+54.89 to 29+47.64	Lt.	72.19		
27+54.89 to 32+26.86	Rt.	255.40		
27+54.89 to 32+74.42	☐		538.48	Old Median
30+36.27 to 32+13.38	Lt.	30.33		
MAPLE.:				
42+16.86 to 48+88.59	Rt.	379.56		
43+99.44 to 46+97.04	Lt.	89.37		
51+14.83 to 53+21.76	Lt.	114.14		
51+14.83 to 55+75.11	☐		466.40	Old Median
51+17.83 to 57+06.45	Rt.	231.66		
INTERSECTION:				
Maple & Ridge			4,324.29	
TOTAL		3,004.55	5,721.96	

CONC. PAVEMENT REPAIR PATCH		
STATION	CONC. ≠ REPAIR PATCH (SQ. YD.)	REMARKS
TOTAL	2,127	

≠ Removal of existing pavement for repair patches is Subsidiary to "Concrete Pavement Repair Patch".

RECAPITULATION OF QUANTITIES		
LUMP SUM BID ITEM	QUANTITY	UNIT
ROAD ITEMS:		
Pavement Removal	9,392	S.Y.
Sidewalk Removal	1,096	S.Y.
Common Excavation	5,000	C.Y.
Compacted Fill (90% Density)	1,900	C.Y.
Compacted Fill (95% Density)	2,700	C.Y.
Concrete Pavement (9")(AE)	5,722	S.Y.
Concrete Pavement Widening(9")(AE)	3,005	S.Y.
Pressure Relief Joint	1	L.S.
RCVG Pavement (8")	560	S.Y.
Ulathin Bonded Wearing Surface	24,850	S.Y.
Reinforced Crushed Rock Base (6")	11,413	S.Y.
Combined Curb and Gutter, Type I & II (AE)	4,791	L.F.
Combined Curb and Gutter, Type III	2,124	L.F.
Wheelchair Ramp	13	EACH
Brick Pavers (Median)	501	S.Y.
Brick Pavers (Crosswalk)	406	S.Y.
Asphalt Hook-up	57	S.Y.
15" Storm Sewer (RCP)	419	L.F.
18" Storm Sewer (RCP)	201	L.F.
21" Storm Sewer (RCP)	14	L.F.
24" Storm Sewer (RCP)	377	L.F.
30" Storm Sewer (RCP)	35	L.F.
36" Storm Sewer (RCP)	199	L.F.
48" Storm Sewer (RCP)	31	L.F.
Type I Curb Inlet (5' opening)	4	EACH
Type I Curb Inlet (10' opening)	2	EACH
Type I Curb Inlet (15' opening)	2	EACH
Type I-A Curb Inlet (5' opening)	3	EACH
Type II Curb Inlet (5' opening)	2	EACH
Type II Curb Inlet (Special)	2	EACH
Inlet Hook-up	17	EACH
Reinforced Concrete Manhole	1	EACH
Manhole (Dia.=4')	2	EACH
Manhole (Dia.=5')	2	EACH
Manhole (Dia.=6')	1	EACH
Concrete Collar	13	EACH
Manhole Adjustment	3	EACH
Manhole Adjustment (Non-Participating)	1	EACH
Replace Manhole Frame and Lid (Non-Participating)	3	L.S.
Water Valve Box Adjustment	16	EACH
Water Valve Box Adjustment (Non-Participating)	1	EACH
Mail Box Relocate	3	EACH
Transportation of Salvaged Materials (Non-Participating)	1	L.S.
2" PVC Conduit w/Pull Wire	1,284	L.F.
Monument Box	1	EACH
MISCELLANEOUS ITEMS:		
Site Clearing and Restoration	1	L.S.
Removal of Existing Structures	1	L.S.
Field Office and Laboratory (Type A)	1	L.S.
Mobilization	1	L.S.

REINFORCED CRUSHED ROCK BASE		
LOCATION	CRUSHED ROCK BASE (6") (SQ. YD.)	REMARKS
RIDGE:		
15+38.54 to 25+12.90	2,121.14	Median Curb
21+05.94 to 25+12.90	248.70	Median Curb
21+05.94 to 25+12.90	392.79	Old Median
19+87.85	217.15	University V.G.
27+54.89 to 32+75.98	744.11	Widening
27+54.89 to 30+00.48	150.08	Median Curb
27+54.89 to 32+74.42	538.48	Old Median
MAPLE:		
42+16.80 to 48+88.59	910.13	Widening
47+65.51 to 48+88.59	75.22	Median Curb
45+55.72	187.95	Brunswick V.G.
51+14.83 to 55+75.11	466.40	Old Median
51+14.83 to 57+06.45	633.17	Widening
51+14.83 to 52+70.96	95.41	Median Curb
53+85.69	185.87	Summitlawn V.G.
INTERSECTION:		
	4,446.47	
TOTAL	11,413.07	

ULTRATHIN BONDED WEARING SURFACE		
STATION	ULTRATHIN BONDED WEARING SURFACE (5/8" sq. yd.)	REMARKS
RIDGE RD.:		
14+29.70 to 25+12.90	10,463.62	
27+54.89 to 34+02.59	5,381.15	
MAPLE.:		
43+39.35 to 48+88.59	4,816.80	
51+14.83 to 57+06.45	4,188.76	
TOTAL	24,850.33	

JOINT SEALING/SAWING/CLEANING		
STATION	CLEAN & SEAL CONC. JOINTS (L.F.)	REMARKS
TOTAL	23,400	

* JOINTING FOR NEW CONCRETE PAVEMENT IS SUBSIDIARY TO CONCRETE PAVEMENT BID, ITEMS.

REINFORCED CONCRETE VALLEY GUTTER				
STATION	SIDE	8" (AE) (SQ. YD.)	7" A.C. Hookup (SQ. YD.)	REMARKS
RIDGE RD.:				
19+87.85	Rt.	206.68		University
MAPLE:				
45+55.72	Lt.	177.48	28.19	Brunswick
53+85.69	Rt.	175.40	28.22	Summitlawn Drive
TOTAL		559.56	56.41	

SURVEY MONUMENT (INSTALL ONLY)			
STATION	SIDE	QUANTITY EACH	REMARKS
26+32.47	☐	1	S.E. COR. SEC. 21, T27S, R1W
TOTAL		1	

CURB AND GUTTER, COMBINED			
STATION TO STATION	SIDE	QUANTITY (L.F.)	REMARKS
RIDGE RD.:			
15+38.54 to 25+83.56	Lt.	1,164.49	
15+96.24 to 25+94.02	Rt.	532.86	Excluding 1 Valley Gutter
21+05.94 to 25+50.36	Lt.	892.98	Median (Type III)
26+71.48 to 32+75.98	Lt.	636.41	
26+78.56 to 32+26.86	Rt.	583.97	
27+11.98 to 30+00.48	Rt.	561.68	Median (Type III)
MAPLE:			
42+16.80 to 48+88.59	Rt.	671.83	
43+39.35 to 48+91.50	Lt.	462.74	Excluding 1 Valley Gutter
47+65.51 to 49+19.42	Lt.	304.49	Median (Type III)
50+80.70 to 52+70.96	Rt.	365.21	Median (Type III)
51+10.05 to 53+42.59	Lt.	233.05	
51+10.47 to 57+06.45	Rt.	505.91	Excluding 1 Valley Gutter
TOTAL		6,915.62	

MEDIAN PAVERS		
LOCATION	QUANTITY (SQ. YD.)	REMARKS
20+33.29 to 25+50.36	237.66	RIDGE RD.
27+11.98 to 30+00.48	120.78	RIDGE RD.
47+65.51 to 49+19.42	65.40	MAPLE
50+80.70 to 52+70.96	77.12	MAPLE
TOTAL	500.96	

BRICK PAVER CROSSWALK				
STATION	SIDE	CONC. PAVING BRICK (SQ. YD.)	8" CONC. BASE (SQ. YD.)	REMARKS
RIDGE RD.:				
25+56.05 to 27+08.06	☐	205.74	205.74	
MAPLE:				
49+24.00 to 50+76.01	☐	200.08	200.08	
TOTAL		405.82	405.82	

SIDEWALK CONSTRUCTION (AE)				
LOCATION	4" (SQ. FT.)	8" Protection Curb (SQ. FT.)	REMARKS	
RIDGE RD.:				
14+17.58 to 25+56.96	Lt.	5176.17	4 Ramps	
21+33.27 to 25+48.45	Rt.	2,038.68	2 Ramps	
21+25 to 22+15	Lt.	90.00		
21+40 to 22+00	Rt.	60.00		
26+92.25 to 32+72.37	Lt.	2,127.79	2 Ramps	
27+00 to 32+26.85	Rt.	1,354.69	2 Ramps	
MAPLE.:				
43+79.07 to 49+35.42	Lt.	2,509.54	2 Ramps	
44+02.99 to 49+29.92	Rt.	2,369.71	2 Ramps	
50+70.05 to 53+50.08	Lt.	2,050.22		
50+78.04 to 55+36.46	Rt.	1,826.65	2 Ramps	
TOTAL		19,453.45	150.00	

EARTHWORK							
STATION TO STATION	EXCAVATION		COMPACTION			REMARKS	
	PAVEMENT REMOVAL (SQ. YD.)	SIDEWALK REMOVAL (SQ. YD.)	COMMON (CU. YD.)	VMF	95% COMPACTION (CU. YD.)		90% COMPACTION (CU. YD.)
RIDGE RD.:							
15+38.54 to 32+75.98	3,464.09						
21+33.27 to 32+45.68		341.40					
MAPLE:							
42+16.80 to 57+06.45	1,948.91						
43+78.76 to 55+36.46		754.67					
INTERSECTION:							
Maple & Ridge	3,978.55						
TOTAL	9,391.55	1,096.07	5,000		1,900	2,700	

SEEDING/SODDING (FOR INFORMATION ONLY)				
LOCATION	SIDE	SOD (S.Y.)	SEEDING (S.Y.)	REMARKS
RIDGE RD.:				
22+48 to 25+00	Rt.		113.12	Bermuda
MAPLE.:				
51+75 to 53+02	Rt.		382.72	Bermuda
MAPLE & RIDGE		6704.16		
TOTAL		6704.16	495.84	

RECAPITULATION OF QUANTITIES		
BID ITEM (LUMP SUM)	QUANTITY	UNIT
TEMP. PROJECT WATER POLL. CONTROL ITEMS:		
Erosion Control BMP	1	L.S.
SEEDING AND SODDING ITEMS:		
Sodding	6,704	S.Y.
Seeding	496	S.Y.
TRAFFIC SIGNAL ITEMS:		
Traffic Signal Installation	1	L.S.
Temporary Traffic Signal	1	L.S.
PAVEMENT MARKING ITEMS:		
Pavement Marking	1	L.S.
SIGNING ITEMS:		
Traffic Signage	1	L.S.
Street Name Signage (Non-Participating)	1	L.S.
TRAFFIC CONTROL ITEMS:		
Traffic Control	1	L.S.
MEASURED QUANTITY BID ITEMS:		
ROAD ITEMS:		
Concrete Pavement (8")(Reinforced)	1,189	S.Y.
7" A.C. Pavement (3" Bit. Base)	282	S.Y.
Clean and Re-seal Concrete Joints	23,400	L.F.
Concrete Pavement Repair Patch	2,127	S.Y.
Sidewalk Construction (4")(AE)	19,454	S.F.
8" Protection Curb	150	L.F.

FOR UTILITY ADJUSTMENT SUMMARY SEE PLAN SHEETS
 FOR TRAFFIC SIGNAL SUMMARY OF QUANTITIES SEE SHT. NO. 50
 FOR PAVEMENT MARKING SUMMARY OF QUANTITIES SEE SHT. NO. 54
 FOR SIGNING SUMMARY OF QUANTITIES SEE SHT. NO. 57

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 KANSAS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

PROJECT NO. 87 N-0307-01 SEDGWICK CO.
M K E C ENGINEERING CONSULTANTS, INC.
 WICHITA, KANSAS

DESIGNED BY: JRA	CHECKED BY:
DRAWN BY: DPG	DATE: 6/30/04 SHEET 44 OF 89