

TEMPORARY PAVEMENT PATCHING				
STATION	SIDE	OFFSET	TEMP. ASPHALT PAVEMENT (6") (L.F.)	PAVEMENT TYPE
Road Items:				
87+37.96			20.00	Asphalt
Road Items Total:			20.00	
Water Items:				
135th Street				
51+29.00 to 51+59.00	Rt.	37.8'	30.00	Asphalt
58+55.00 to 59+17.00	Lt.	22.0'	62.00	Asphalt (KIWI)
59+14.00	Lt.	12.0' to 22.0'	10.00	Asphalt
70+97.00 to 71+72.00	Lt.	22.0'	75.00	Asphalt (RIDGEPOINT)
71+00.00	Lt.	6.5' to 32.0'	25.50	Asphalt (RIDGEPOINT)
79+22.00 to 79+99.00	Lt.	22.0'	77.00	Asphalt
89+55.00 to 89+78.00	Rt.	38.0'	23.00	Asphalt
90+93.00 to 91+24.00	Rt.	38.0'	31.00	Asphalt
92+59.00 to 93+12.00	Rt.	38.0'	53.00	Asphalt
93+70.00 to 93+96.00	Rt.	38.0'	26.00	Gravel (Asphalt allowed)
95+79.00 to 96+22.00	Rt.	40.0'	43.00	Asphalt
97+32.00 to 97+58.00	Rt.	59.0'	26.00	Asphalt
Water Item Totals:			481.50	
Sanitary Items:				
97+45.41	Rt.	55.0'	25.00	
Sanitary Item Totals:			25.00	
Sum of Item Totals:			526.50	

**TREE REMOVAL  
(EXCLUDES HEDGE ROW  
REMOVAL)**

STATION	OFFSET	LARGE	SMALL
Garcia Pond		4	16
71+35.75	76.64' Lt.		x
71+36.04	101.01' Lt.		x
71+36.11	92.15' Lt.		x
71+36.15	125.77' Lt.		x
71+36.15	157.63' Lt.		x
71+36.17	141.49' Lt.		x
71+36.51	172.81' Lt.		x
71+84.79	121.58' Lt.		x
71+85.00	90.34' Lt.		x
76+10.25	40.49' Rt.		x
76+14.97	46.09' Rt.		x
78+70.04	38.79' Rt.		x
78+85.16	39.19' Rt.		x
79+60.35	149.58' Lt.		x
79+60.78	134.41' Lt.		x
79+61.14	103.06' Lt.		x
79+61.14	119.12' Lt.		x
79+61.22	89.08' Lt.		x
79+61.35	76.63' Lt.		x
79+90.95	38.86' Rt.	x	
80+04.32	38.60' Rt.	x	
80+29.69	50.65' Rt.	x	
80+69.39	46.81' Rt.		x
84+59.79	41.01' Rt.		x
86+88.84	44.38' Rt.		x
89+41.44	37.41' Rt.	x	
90+20.91	26.06' Rt.	x	
91+59.88	35.51' Rt.		x
93+15.75	41.08' Rt.		x
90+55.35	44.14' Rt.		x
91+39.06	45.23' Rt.	x	
92+03.75	41.76' Rt.	x	
92+55.48	44.87' Rt.		x
93+39.34	42.14' Rt.	x	
TOTALS:		12	42

**CONCRETE PAVEMENT**

STATION/LOCATION	SIDE	9" (SQ.YD.)	REMARKS
<b>135TH ST. WEST</b>			
99+15.96 to 99+46.02	☐	227.66	
99+55.89 to 100+49.04	☐	1,213.44	Intersection
100+58.92 to 100+85.48	☐	196.36	
<b>21ST ST. NORTH</b>			
49+15.96 to 49+33.02	☐	115.56	
50+73.42 to 100+01.75	☐	80.35	
TOTAL		1,833.37	

**REINFORCED CRUSHED ROCK BASE**

LOCATION	CRUSHED ROCK BASE (5") (SQ.YD.)	CRUSHED ROCK BASE (6") (SQ.YD.)	CRUSHED ROCK BASE (7") (SQ.YD.)	CRUSHED ROCK BASE (8") (SQ.YD.)	REMARKS
<b>135TH ST. WEST</b>					
99+15.96 to 100+85.48		2,310.58			INTERSECTION
47+83.56 to 99+15.96				26,164.66	
58+69.57 to 59+06.53	104.28				KIWI ST.
71+06.87 to 71+63.96	762.17				RIDGEPOINT
79+31.45 to 79+88.43	599.12				JAMESBURG
100+85.48 to 107+25.48				3,648.95	
58+88.03			196.14		KIWI ST.
71+35.23			268.81		RIDGEPOINT
79+60.47			269.23		JAMESBURG
83+59.02			163.80		WILLOUGHBY
<b>21ST ST. NORTH</b>					
41+34.50 to 49+15.96				5,050.47	
50+85.48 to 58+36.87				4,991.01	
TOTAL	1,465.57	2,310.58	897.98	40,019.26	

**BRICK PAVER CROSSWALK**

STATION	SIDE	CONC. PAVING BRICK (SQ.YD.)	8" CONC. BASE * (SQ.YD.)	REMARKS
<b>135TH ST. WEST</b>				
99+46.02 to 99+55.89	☐	97	97	
100+49.04 to 100+58.92	☐	90	90	
<b>21ST ST. NORTH</b>				
49+33.02 to 49+42.89	☐	80	80	* Subsidiary to "Brick pavers, Crosswalk"
50+63.54 to 50+73.42	☐	74	74	
TOTAL		341	341	

**RECAPITULATION OF QUANTITIES**

BID ITEM DESCRIPTION	QUANTITY	UNIT
<b>Lump Sum Bid Items - Paving</b>		
Field Office and Laboratory (Type A)	1	LS
Mobilization	1	LS
Removal of Existing Structures	1	LS
Transport of Salvaged Materials	1	LS
Site Clearing	1	LS
Site Restoration	1	LS
Excavation	45,079	cy
Fill, Compacted (95% Density)	7,500	cy
Fill, Select Topsoil	129	cy
Grading, Easement	1	LS
Pavement &/or Curb Removed	27,375	sy
AC Pavement 7" (5" Bit. Base)	35,411	sy
AC Pavement 5" (3" Bit. Base)	1,107	sy
Brick Pavers, Crosswalk	341	sy
Brick Pavers, Median	152	sy
Concrete C & G, Type 1 (6" & 1-1/2")	11,599	lf
Concrete C & G, Type 2 (3-5/8" RL & 1-1/2")	172	lf
Concrete C & G, Type 3 (8" & 1-1/2"), Median	1,323	lf
Concrete Pavement (VG) 8" (Reinf)	857	sy
Concrete Pavement 9"	1,834	sy
Concrete Ramp Nose Section (Median)	4	ea
Crushed Rock Base 5" Reinforced	1,466	sy
Crushed Rock Base 6", Reinforced	2,311	sy
Crushed Rock Base 7", Reinforced	898	sy
Crushed Rock Base 8", Reinforced	40,020	sy
Crushed Rock Hookup	53	sy
Wheelchair Ramp w/ Detectable Warnings	16	ea
Handrail	96	lf
<b>Lump Sum Bid Items - Drainage</b>		
Pipe, SWS 12" PVC	31	lf
Pipe, SWS 18" RCP	599	lf
Pipe, SWS 24" RCP	1,148	lf
Pipe, SWS 30" RCP	343	lf
Pipe, SWS 36" RCP	21	lf
Pipe, SWS 18" RCP (Entrance)	80	lf
Pipe, SWS 24" RCP (Entrance)	72	lf
Pipe, SWS 36" RCP (Entrance)	43	lf
Pipe, SWS, HERCP (22"x34")x(27)	163	lf
Pipe, SWS, HERCP (24"x38")x(30)	707	lf
Pipe, SWS, HERCP (27"x42")x(33)	240	lf
Pipe, SWS, HERCP (29"x45")x(36)	618	lf
Pipe, SWS, RCBC (7"x4')	972	lf
Pipe, SWS, RCBC (9"x4')	1,625	lf
Pipe, SWS, RCBC (10"x4')	813	lf
Pipe, SWS, RCBC (12"x4')	439	lf
Pipe, SWS, RCBC (2-8' x 4')	122	lf
Pipe, End Section 18" RC	8	lf
Pipe, End Section 24" RC	11	lf
Pipe, End Section 36" RC	3	lf
Pipe, End Section 24"x38" HERC	6	lf
Pipe, End Section 29"x 45" HERC	2	lf
Fill, Sand (Flushed & Vibrated)	7,853	lf
Concrete Outlet Weir	1	LS
Concrete Flume	102	lf
Concrete Flume, Curb Cut	1	ea
Concrete Sidewalk Flume	4	ea
Ditch Liner, Concrete	3,883	sy
Slope Protection, Concrete	37	sy
Rip-Rap, Light Stone	1,452	sy
Inlet Hookup	28	ea
Inlet Hookup, Special	1	ea
Inlet, Curb (Type 1)(L=5' W=3')	1	ea
Inlet, Curb (Type 1)(L=5' W=4')	1	ea
Inlet, Curb (Type 1)(L=10' W=3')	11	ea
Inlet, Curb (Type 1)(L=10' W=5')	3	ea
Inlet, Curb (Type 1)(L=10' W=6')	1	ea
Inlet, Curb (Type 1)(L=15' W=3')	8	ea
Inlet, Curb (Type 1)(L=15' W=4')	3	ea
Inlet, Drop (Double)	5	ea
Inlet, Grated Driveway, Double	2	ea
MH Adjusted	3	ea
MH Stack (4')	2	ea
MH Shallow Stack (4')	11	ea
MH, Reinforced Concrete 11'x5'	1	ea
MH, Shallow SWS (5')	2	ea
MH, Shallow SWS (6')	2	ea
Inlet Removed	1	ea
<b>Lump Sum Bid Items - Traffic</b>		
Pavement Markings	1	LS
Traffic Signalization	1	LS
Signing, Except Street Name Signs	1	LS
Signing, Street Name Signs Only	1	LS
Concrete Safety Barrier (Temporary)	160	lf
Traffic Control	1	LS
<b>Lump Sum Bid Items - Landscaping</b>		
Seeding	1	LS
Sodding	1	LS

**RECAPITULATION OF QUANTITIES**

BID ITEM DESCRIPTION	QUANTITY	UNIT
<b>Measured Quantity Bid Items - Paving</b>		
Sidewalk, Drive, &/or Pkg Lot Removed	1,357	sy
AC Pavement 6", Driveways	779	sy
Concrete Driveway 8"	1,991	sy
Concrete Sidewalk 4"	75,423	sf
Concrete Sidewalk 8"	210	sf
Temporary Asphalt Pmnt (6") (SWS Patch)	20	lf
Temporary Asphalt Pmnt (6")	500	sy
Temp Asph Pmnt (6") (Incl. 5" RCRB) (Widening)	1,800	sy
Signing, Elec. Portable Message (each per day)	320	ea/day
Mailbox Remove and Reset	20	ea
Pipe Removed	1,645	lf
<b>Measured Quantity Bid Items - Landscaping</b>		
Tree, Chinese Pistache, 3" Cal., B&B	12	ea
Tree, Shumard Oak, 2" Cal., B&B	15	ea
Tree, October Glory Maple, 3" Cal., B&B	15	ea
Tree Removal, Small	42	ea
Tree Removal, Large	12	ea
Hedge Row Removed	25	lf
<b>Measured Quantity Bid Items - Erosion Control BMP</b>		
BMP, Back of Curb Protection	11,900	lf
BMP, Construction Entrance	3	ea
BMP, Curb Inlet Protection	28	ea
BMP, Drop Inlet Protection	9	ea
BMP, Ditch Check	3	ea
BMP, Silt Fence	3,150	lf

**WATER PROJ. NO. 448-90546**

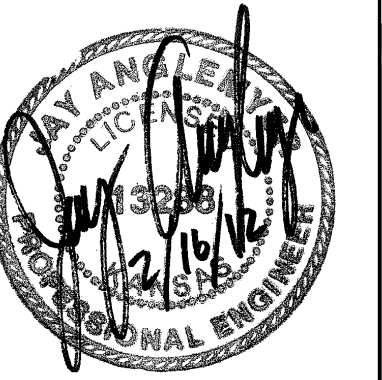
BID ITEM DESCRIPTION	QUANTITY	UNIT
<b>Measured Quantity Bid Items</b>		
Pipe, WL 8"	285	lf
Pipe, WL 12"	333	lf
Pipe, WL 24"	4,977	lf
Pipe, WL 24" (Trenchless)	206	lf
Pipe, DI CL 6"	24	lf
Pipe, DI CL 12"	68	lf
Pipe, DI CL 24"	8	lf
Pipe, CIMJ Plug 6"	1	ea
Pipe, CIMJ Plug 8"	1	ea
Pipe, MJ Cap 12"	1	ea
Valve Assembly, 12"	1	ea
Valve Assembly, 24"	2	ea
Valve Assembly, Air Release 1"	3	ea
Fire Hydrant Assembly	3	ea
Fire Hydrant	5	ea
Valve Box Adjusted	10	ea
Valve Box Adjusted, Air Release	1	ea
6" Anchor Bend, 90 Degrees	2	ea
6" x 13" Anchor Coupling	2	ea
Meter Remove and Reset	1	ea
Temporary Asphalt Pmnt (6") (WL Patch)	482	lf
BMP, Silt Fence	100	lf

**SANITARY SEWER PROJ. NO. 468-84699**

BID ITEM DESCRIPTION	QUANTITY	UNIT
<b>Measured Quantity Bid Items</b>		
Pipe, FM 20" HDPE	641	lf
Pipe, FM 20" HDPE (Trenchless)	401	lf
Force Main Warning Signs	5	ea
Temporary Asphalt Pmnt (6") (SS Patch)	25	lf
BMP, Silt Fence	300	lf
FOR UTILITY ADJUSTMENTS SEE PAVING PLAN SHEETS FOR BMP SUMMARY OF QUANTITIES SEE SHEET NO. 118 FOR TRAFFIC SIGNAL SUMMARY OF QUANTITIES SEE SHT. NO. 135 FOR PAVEMENT MARKING SUMMARY OF QUANTITIES SEE SHT. NO. 142 FOR SIGNING SUMMARY OF QUANTITIES SEE SHTS. NO. 143 AND 144. FOR SEEDING/SODDING AND ROADSIDE IMPROVEMENT QUANTITIES SEE SHEET NO. 128		

**MKEC**  
ENGINEERING  
CONSULTANTS, INC.

411 N. WEBB ROAD  
WICHITA, K.S. 67206  
316-684-9600



STREET IMPROVEMENTS FOR  
**135th Street West**  
from 13th Street to 21st Street North

**SUMMARY OF QUANTITIES**

SHEET TITLE  
MKEC PROJ #10265  
PROJECT NUMBER

DESIGN BY: JRA  
DRAWN BY: JWC  
CHECKED BY: JRA

ISSUED: February 2012  
REVISED:

SHEET NO.  
117 of 231