

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	87 N-0362-01	2007	17	48

PAVEMENT ITEMS							
STATION TO STATION	SIDE	12" A.C. PAVEMENT (BM-2) (S.Y.)	6" A.C. PAVEMENT PATCH (S.Y.)	CONCRETE PAVEMENT (12") (UNIFORM)(AE) (S.Y.)	CONCRETE SAFETY BARRIER (SPECIAL)(AE) (L.F.)	6" REINF. CRUSHED ROCK BASE (INCL. GEOGRID) (C.Y.)	REMARKS
17+87.55 TO 17+95.88	Lt.		62.61				Connect to exist. asphalt walk
17+95.88 TO 18+25.88	Lt.				30.00		
17+65.88 TO 17+95.88	☉	181.99					West Asphalt Hookup
17+95.88 TO 18+56.46	☉			408.34		199.41	West Approach Slab
18+56.04 TO 18+86.04	Rt.				30.00		
18+70.24 TO 18+77.66	38' Rt.		39.12				Connect to exist. asphalt walk
23+03.95 TO 23+33.95	Lt.				30.00		
23+33.54 TO 23+94.12	☉			408.34		421.82	East Approach Slab
23+94.12 TO 24+24.12	☉	181.99				502.18	East Asphalt Hookup
23+64.12 TO 23+94.12	Rt.				30.00		
TOTALS		363.98	101.73	816.68	120.00	1545.20	

SIDEWALK CONSTRUCTION (AE)				
STATION TO STATION	SIDE	5" CONCRETE (SQ. FT.)	4" CONCRETE (SQ. FT.)	REMARKS
17+95.88 TO 18+25.88	Lt.	165.73		At bridge approach slab
18+46.05 TO 18+56.04	Rt.		40.00	Connect to exist. walk
18+56.04 TO 18+92.13	Rt.	234.79		At bridge approach slab
22+97.87 TO 23+33.95	Lt.	234.77		At bridge approach slab
23+33.95 TO 23+53.95	Lt.		77.05	Connect to exist. walk
23+64.12 TO 23+94.12	Rt.	165.21		At bridge approach slab
23+94.12 TO 24+07.49	Rt.		57.39	Connect to exist. walk
TOTAL		800.50	174.44	

COMBINED CURB & GUTTER (2'-6")				
STATION TO STATION	SIDE	COMBINED QUANTITY (L.F.)	MONOLITHIC QUANTITY (L.F.)	REMARKS
17+65.88 TO 17+95.88	Lt.	30.00		
17+80.80 TO 17+95.88	Rt.	15.08		
17+95.88 TO 18+56.04	Rt.		60.16	Incl. in approach slab
23+94.12 TO 24+24.12	Lt.	30.00		
23+94.12 TO 24+24.12	Rt.	30.00		
23+33.95 TO 23+94.12	Lt.		60.16	Incl. in approach slab
TOTAL		105.08	120.32	

REMOVAL OF EXISTING STRUCTURES (For Information Only)		
STATION	SIDE	ITEM
18+56.46 TO 23+33.54	☉	Center island/floor box for lift gate
18+56.46 TO 23+33.54	Lt.	Partial roadway & walkway
18+56.46 TO 23+33.54	Rt.	Partial roadway & walkway
18+56.46 TO 23+33.54	☉	Utility Pipes and hangers beneath bridge
18+56.46 TO 23+33.54		Steel pole hanging off bridge
18+56.46	Lt.-Rt.	Expansion Device
23+33.54	Lt.-Rt.	Expansion Device

RECAPITULATION OF BRIDGE QUANTITIES		
BRIDGE NO. 5304008700AR120	Sta. 20+95.00	
BID ITEMS (LUMP SUM)	QUANTITY	UNIT
Concrete Grade 4.0 (AE)	261	C.Y.
Reinforcing Steel (Gr. 60) (Epoxy Coated) [△]	181,250	LBS.
Silica Fume Overlay (1 1/2")	3076	S.Y.
Expansion Joint	205	L.F.
Bridge Deck Drain	61	EACH
Bearing Repair	70	EACH
Pier End Repair	257	S.Y.
Pedestrian Rail Repair	1027	S.Y.
Hydrodemolition	2503	S.Y.
Drilling and Grouting	7316	EACH
BID ITEMS (MEASURED QUANTITY)	QUANTITY	UNIT
Full Depth Patching	75	S.Y.
Partial Depth Patching	1752	S.Y.
Pier End Patching	131	S.Y.
Pedestrian Rail Patching	5	S.Y.
Reinforcing Steel for Patching	64,793	LBS.

RECAPITULATION OF ROAD QUANTITIES		
BID ITEMS (LUMP SUM)	QUANTITY	UNIT
ROAD ITEMS:		
Pavement Removal	1287	S.Y.
Concrete Pavement (12") (Uniform)(AE)	817	S.Y.
12" A.C. Pavement (10" Bit. Base Course)	364	S.Y.
Concrete Safety Barrier (Special)(AE)	120	L.F.
Reinforced Crushed Rock Base (6")	1545	S.Y.
Combined Curb & Gutter (Type 1)	105	L.F.
Sidewalk Concrete, 5"	801	S.F.
Abandon Manhole	2	EACH
MISCELLANEOUS ITEMS:		
Removal of Existing Structures	1	L.S.
* Transportation of Salvaged Materials	1	L.S.
Site Restoration	1	L.S.
Field Office and Laboratory (Type A)	1	EACH
Mobilization	1	L.S.
Mobilization (DBE)	1	L.S.
PAVEMENT MARKING ITEMS:		
Pavement Marking	1	L.S.
TRAFFIC CONTROL ITEMS:		
Traffic Control	1	L.S.

BID ITEMS (MEASURED QUANTITY)	QUANTITY	UNIT
ROAD ITEMS:		
6" A.C. Pavement Patch	102	S.Y.
Sidewalk Concrete, 4"	175	S.F.
TEMP. PROJECT WATER POLL. CONTROL ITEMS:		
Erosion Control BMP (Back of Curb Protection)	226	L.F.
Erosion Control BMP (Stabilization Entrances)	1	EACH

For Pavement Marking & Signing Quantities see Sheet No. 24

* Non-Participating

[△] 10/23/07 Added "Epoxy Coated"

KANSAS DEPARTMENT OF TRANSPORTATION			
SUMMARY OF QUANTITIES			
PROJ. NO. 87 N-0362-01		SEDGWICK CO.	
MKEC ENGINEERING CONSULTANTS, INC. WICHITA, KANSAS			
DESIGNED BY:	JAG	CHECKED BY:	KJS
DRAWN BY:	DPG	DATE:	4/23/07 SHEET 17 OF 48