

FHWA REGION NO.	STATE	PROJECT NUMBER	FISCAL YEAR	SHEET NUMBER	TOTAL SHEETS
7	KANSAS			44	106

SAND BACKFILL, JETTED AND VIBRATED		
LINE	STATION	LINEAR FEET
1	5+30 - 8+05	275
1	11+63 - 12+38	65
1	12+43 - 13+28	85
1	22+62 - 23+03	41
1	23+11 - 23+52	41
1	25+84 - 26+08	24
1	26+18 - 26+78	60
1	29+13 - 29+88	75
1	30+90 - 33+50	260
1	33+50 - 34+28	78
1	34+32 - 37+97	365
1	38+02 - 38+10	8
1A	0+04 - 0+65	61
1B	0+04 - 0+63	59
1B	0+67 - 1+20	53
1B	1+24 - 1+71	47
1C	0+04 - 0+58	54
1C	0+62 - 0+92	30
1D	0+04 - 0+23	19
1D	0+44 - 0+74	30
2	0+02 - 0+12	10
TOTALS		1740

CONCRETE PAVEMENT (8"-UNIFORM)(AE)(REINF)						
STATION	ROADWAY	SIDE	WIDTH	8" CONC. PAVT. (SQ. YDS)	Edge Curb (AE) (6") (LIN. FEET)	REMARKS
14+74.76	ST. JAMES	RT	31.0'	167.47	94.25	
14+74.76	ST. JAMES	LT	31.0'	167.43	94.25	
17+94.69	HAMPTON	RT	31.0'	168.11	78.53	
17+94.69	HAMPTON	LT	31.0'	167.49	94.25	
24+50.00	BROOKFIELD	LT	31.0'	167.42	94.25	
27+89.71	STRAITFORD	LT	31.0'	167.40	94.25	
31+42.85	ARMOUR	RT	31.0'	132.80	97.15	
31+42.85	ARMOUR	LT	31.0'	132.39	87.92	
34+99.50	RUTLAND	LT	31.0'	167.42	94.36	
37+72.82	TALLYRAND	RT	-	194.84	78.54	
38+24.17	TALLYRAND	LT	31.0'	203.53	145.30	
41+94.29	BROADMOOR	LT	31.0'	153.15	94.26	
44+45.00	BROADMOOR	LT	-	238.55	121.34	
5+87.70	CENTRAL	LT	23.0'	49.31	-	
6+53.30	CENTRAL	LT	28.6	60.96	-	
6+98.63	CENTRAL	LT	26.0'	55.03	-	
6+99.41	CENTRAL	RT	28.94'	62.18	-	
8+04.48	CENTRAL	RT	28.18'	65.89	-	
8+92.14	CENTRAL	LT	45.0'	138.79	62.84	
10+86.90	CENTRAL	LT	30.0'	100.94	61.01	
12+65.47	CENTRAL	LT	30.74'	144.79	82.21	
12+74.90	CENTRAL	RT	20.0'	68.87	47.16	
25+45.64	CENTRAL	RT	23.0'	76.23	47.12	
26+70.38	CENTRAL	RT	24.0'	78.98	47.12	
27+30.50	CENTRAL	RT	24.0'	78.59	47.12	
27+83.76	CENTRAL	RT	16.4'	128.08	23.56	
28+11.81	CENTRAL	RT	16.0'	-	23.56	area combined with 27+83.76
46+34.09	CENTRAL	RT	28.65'	86.28	45.87	
8+25.65	WOODLAWN	RT	29.20'	88.86	-	
10+89.84	WOODLAWN	RT	22.45'	28.88	-	
11+56.67	WOODLAWN	RT	26.86'	39.39	-	
TOTALS				3,580.05	1,691.67	

CONCRETE PAVEMENT (10"-UNIFORM) (AE)(NRDJ)						
STATION	ROADWAY	SIDE	WIDTH	10" CONC. PAVT. (SQ. YDS)	Edge Curb (AE) (6") (LIN. FEET)	REMARKS
5+00.00	WOODLAWN	-	-	2,676	320	
21+19.92	MISSION	-	-	896	186	
TOTALS				3,572	506	


7" ASPHALTIC CONCRETE PAVEMENT (5" Bit. Base)					
STATION	ROADWAY	SIDE	WIDTH	7" A.C. PAVT. (SQ. YDS)	REMARKS
14+74.76	ST. JAMES PLACE	LT		28.89	
14+74.76	ST. JAMES PLACE	RT		24.87	
17+94.69	HAMPTON	LT		59.90	
17+94.69	HAMPTON	RT		28.84	
21+19.92	MISSION	LT		114.49	
24+50.00	BROOKFIELD	LT		28.88	
27+89.71	STRAITFORD	LT		29.03	
31+42.85	ARMOUR	LT		19.85	
31+42.85	ARMOUR	RT		24.56	
34+99.50	RUTLAND	LT		28.88	
38+24.17	TALLYRAND	LT		18.55	
37+72.82	TALLYRAND	RT		40.41	
41+94.29	BROADMOOR	LT		64.76	WEST SIDE OF CHANNEL
44+45.00	BROADMOOR	LT		94.95	EAST SIDE OF CHANNEL
TOTALS				606.91	

RECAPITULATION OF QUANTITIES		
ITEM	QUANTITY	UNIT
COMMON ITEMS		
Field Office & Lab (Type A)	1	LS
Mobilization	1	LS
Mobilization DBC	1	LS
Removal of Existing Structures	1	LS
ROAD ITEMS		
Site Clearing and Preparation	1	LS
Common Excavation	10,000	cu yd
Compacted Fill	5,000	cu yd
Rock Excavation (Pavement Removal)	31,716	sq yd
Drive, Walk and Parking Lot Pavement Removal	37,064	sq ft
Pipe Removal	945	l.f.
Sidewalk Construction (4") (AE)	37,064	sq ft
Sidewalk Construction (4") (AE) w/ Monolithic Curb (6")	113	sq ft
Wheelchair Ramps	46	ea
Curb & Gutter, Comb. (Type I) (AE)	6,889	l.f.
Curb & Gutter, Comb. (Type III) (AE)	240	l.f.
Curb & Gutter, Comb. (Mono. Edge) (AE)	1,692	l.f.
Modular Block Retaining Wall	90	s.y.f.
Storm Sewer Pipe (18") RCP	99	l.f.
Storm Sewer Pipe (24") RCP	1146	l.f.
Storm Sewer Pipe (36") RCP	507	l.f.
Storm Sewer Pipe (42") RCP	219	l.f.
Storm Sewer Pipe (48") RCP	102	l.f.
Storm Sewer Pipe (48"x63") HERCOP	2,259	l.f.
Inlet (Type I) (Curb) (L=5')	1	ea
Inlet (Type IA) (Curb) (L=5')	1	ea
Inlet (Type I) (Curb) (L=10')	6	ea
Inlet (Type I) (Curb) (L=15')	6	ea
Inlet 2'x2' Drop	1	ea
Inlet Hookup	14	ea
Reinforced Concrete Manhole	4	ea
Reinforced Concrete Manhole Special	5	ea
Standard Type P' Manhole	5	ea
Manhole Adjusted (SWS or SS)	4	ea
Special Curb Casting	3	ea
Sand Backfill, Jetted and Vibrated	1,740	l.f.
Monument Box	3	ea
Water Valves Adjusted	21	ea
Site Restoration (Includes Temporary Seeding)	1	LS
Traffic Signing	1	LS
BITUMINOUS SURFACING ITEMS		
7" Asphaltic Concrete Pavement (5" Bit. Base)	30,106	sq yd
Crushed Stone Subgrade (6")	3,893	sq yd
Crushed Stone Subgrade (7")	2,429	sq yd
Crushed Stone Subgrade (8")	33,094	sq yd
Geogrid Reinforcement (for base)	39,416	sq yd
CONCRETE SURFACING ITEMS		
Concrete Pavement (10"-Uniform) (AE)(PL)	3,572	sq yd
Concrete Pavement (8"-Uniform) (AE)(REINF)	3,580	sq yd
Paving Brick (2 1/2")	72	sq yd
TEMP. PRV. WTR. POL. CRI. - SOIL EROSION ITEMS		
Erosion Control (Includes Temporary Seeding)	1	LS
PAVEMENT MARKINGS ITEMS		
Pavement Markings	1	LS
TRAFFIC CONTROL ITEMS		
Construction Traffic Control	1	LS
TRAFFIC SIGNAL ITEMS		
Woodlawn Signals	1	LS
Pedestrian Crosswalk	1	LS

See Sheet 49 for RCBC Quantities.

ITEM	QUANTITY	UNIT
NON-PARTICIPATING ITEMS		
Landscaping - Trees and Shrubs	1	LS
Landscaping - Sod	1	LS
Transporting Salvagable Materials	1	LS
Relocate / Reconstruct Private Sprinkler System	1	LS
Water Meters Replaced and Relocated	2	each
Water Meter Box Adjustment	7	ea
Water Air Release Relocated	1	each
Observation Monitor Wells Adjusted	3	each
Fire Hydrant Assembly Replaced and Relocated	5	each
2 Year Maintenance Warranty	1	LS
NON-PARTICIPATING ITEMS - WATER		
WL Pipe 02"	60	l.f.
WL Pipe 08"	95	l.f.
WL Pipe 12"	4,855	l.f.
DICL SJ Pipe 04"	13	l.f.
DICL SJ Pipe 06"	97	l.f.
DICL SJ Pipe 08"	144	l.f.
DICL SJ Pipe 12"	111	l.f.
DICL SJ Pipe 20"	181	l.f.
Anchor Valve Assy 04"	1	each
Anchor Valve Assy 06"	6	each
Anchor Valve Assy 08"	9	each
Anchor Valve Assy 12"	2	each
MJ Butterfly Valve 12"	3	each
MJ Gate Valve Assy 06"	1	each
MJ Gate Valve Assy 08"	5	each
Fire Hydrant Assy	7	each
2" Service Outlet Assy	6	each
GMJ Plug 08"	1	each
PVC Cap 02"	6	each
PVC Cap 04"	1	each
PVC Cap 06"	2	each
PVC Cap 08"	33	each
PVC Cap 12"	1	each
Relocate Air Release Assy	2	each
Relocate Water Meters	3	each
Directional Drill 12" Pipe	60	l.f.
Site Clearing & Restoration	1	LS
Erosion Control BMP	1	LS
Pvmt Patch (Temp.)	235	sq yd

MODULAR BLOCK RETAINING WALL	
LOCATION	LINEAR FEET
SE CORNER CENTRAL - WOODLAWN	125
SW CORNER CENTRAL - WOODLAWN	92
NE CORNER CENTRAL - WOODLAWN	54
TOTALS	271

CENTRAL PAVING IMPROVEMENTS SUMMARY OF QUANTITIES WICHITA, KANSAS			
	Ruggles & Bohm, P.A. Engineering, Surveying, Land Planning		DESIGN KWL
			DRAWN RA
924 North Main Wichita, Kansas 67203 www.rbkansas.com		(316) 264-8008 (316) 264-4621 fax E-mail: info@rbkansas.com	REVIEW 44
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