


RECAPITULATION OF QUANTITIES		
ITEM	QUANTITY	UNIT
LUMP SUM COW BID ITEMS - PAVING (707041)		
Mobilization	1	LS
Field Office & Laboratory (Type A)	1	ea
Site Clearing	1	LS
Site Restoration	1	LS
Removal of Existing Structure	1	LS
Concrete &/or Asphalt Pavement Removed	18393	sy
Concrete C&G Removed	7485	lf
Excavation	27621	cy
Excavation, Borrow (Contractor Furnished)	84348	cy
Fill, Compacted (95% Density)	4470	cy
Concrete Pavement (VG) 8" (Reinf)	812	sy
Concrete Pavement 9" (Uniform)	8804	sy
2" AC Pavement Mill & Overlay (BM-2, PG 70-28)	23494	sy
AC Pavement 2" (BM-2, PG 70-28)	6794	sy
AC Pavement 5" (BM-2, PG 64-22)	6281	sy
Concrete Pavement 5" (Reinf.) (Pvmt. Base)	513	sy
Crushed Rock Base 6", Reinforced	9476	sy
Crushed Rock Base 7", Reinforced	866	sy
Crushed Rock Base 8", Reinforced	9171	sy
Concrete C & G, Comb. Type 1 (6" & 1-1/2")	5325	lf
Concrete C & G, Comb. Type 1 Special (6" & 1-1/2")	748	lf
Concrete C & G, Comb. Type 3 (8" & 1-1/2")	3848	lf
Concrete Curb, Mono Edge (6" & 1-1/2")	269	lf
Wheelchair Ramp w/Detectable Warnings	17	ea
Concrete Ramp Nose Section (Median)	6	ea
Concrete Ditch Lining	94	sy
Concrete Backslope Ditch Lining	28	sy
Flume Inlet (Concrete)	4	ea
Slope Drain (Concrete)	360	lf
Slope Drain (Special) (Concrete)	86	lf
Retaining Wall, Concrete (Reinf.)	566	lf
LUMP SUM KDOT BID ITEMS - PAVING (707041)		
Compaction of Earthwork (Type AA) (MR-0-5)	6461	cy
Compaction of Earthwork (Type A) (MR-0-5)	76228	cy
Concrete Pavement 9" (NRDJ)	14240	sy
Concrete Pavement (9" Variable) (Plain)	7823	sy
Concrete Pavement 10" (Uniform) (Bridge Approach)	294	sy
Bridge Approach Slab Footing	47	cy
Cement Treated Base 4"	12726	sy
Drainable Base (Bound) (4")	10760	sy
Manipulation (Lime Treated Subgrade)	23486	sy
LUMP SUM KDOT BID ITEMS - BRIDGE NO. 96-87-32.78 (412) E.B.		
Class III Excavation	125	cy
Concrete Grade 4.0 (AE)(SA)	100	cy
Concrete Grade 4.0 (AE)	41	cy
Piles (Steel) (HPI0x42)	1089	lf
Test Piles (Steel) (HPI0x42)	97	lf
Pre-Drilled Pile Holes	120	lf
Reinforcing Steel (Gr. 60) (Epoxy Coated)	24940	lb
Reinforcing Steel (Grade 60)	12710	lb
Structural Steel (A709) (Gr. 36)	1329	lb
Bridge Backwall Protection System	19	sy
Abutment Strip Drain	17	sy
Drilling and Grouting	40	ea
Riprap (Reinforced Concrete) (4")	188	sy
Silica Fume Overlay (1 1/2")	248	sy
Prestressed Concrete Beams (K3) (41'-2")	165	lf
Prestressed Concrete Beams (K3) (80'-4")	161	lf

RECAPITULATION OF QUANTITIES		
ITEM	QUANTITY	UNIT
LUMP SUM KDOT BID ITEMS - BRIDGE NO. 96-87-32.79 (411) W.B.		
Class III Excavation	121	cy
Concrete Grade 4.0 (AE)(SA)	100	cy
Concrete Grade 4.0 (AE)	41	cy
Piles (Steel) (HPI0x42)	1089	lf
Test Piles (Steel) (HPI0x42)	97	lf
Pre-Drilled Pile Holes	120	lf
Reinforcing Steel (Gr. 60) (Epoxy Coated)	24940	lb
Reinforcing Steel (Grade 60)	12710	lb
Structural Steel (A709) (Gr. 36)	1329	lb
Bridge Backwall Protection System	19	sy
Abutment Strip Drain	17	sy
Drilling and Grouting	40	ea
Riprap (Reinforced Concrete) (4")	188	sy
Silica Fume Overlay (1 1/2")	248	sy
Prestressed Concrete Beams (K3) (41'-2")	165	lf
Prestressed Concrete Beams (K3) (80'-4")	161	lf
LUMP SUM COW BID ITEMS - DRAINAGE (707041)		
Inlet, Curb (Type 1) (L=5' W=3')	4	ea
Inlet, Curb (Type 1) (L=10' W=3')	12	ea
Inlet, Curb (Type 1) (L=10' W=4')	1	ea
Inlet Hookup	17	ea
MH, Reinforced Concrete (5'-3" x 7'-3")	1	ea
Pipe, PVC 4", Perforated (Inlet Underdrain)	187	lf
Pipe, Cross Road Ext. 15" (CMP)	39	lf
Pipe, Cross Road 24" (RCP)	358	lf
Pipe, Cross Road Ext. 48" (RCP)	100	lf
Pipe, Cross Road 2-6.0 SF (42" x 27") (RCPHE)	300	lf
Pipe, SWS 15" (RCP)	354	lf
Pipe, SWS 18" (RCP)	126	lf
Pipe, SWS 24" (RCP)	135	lf
Pipe, SWS RCP 15" End Section	3	ea
Pipe, SWS RCP 24" End Section	1	ea
Pipe, CMP 15" End Section	3	ea
Pipe, RCP 24" End Section	4	ea
Pipe, RCP 48" End Section	2	ea
Pipe, RCPHE 2-6.0 SF (42" x 27") End Section	2	ea
Pipe, RCBC (2-6' x 3' Ext. Lt.) w/ Wingwalls (Sta. 465+50)	36	lf
Pipe, RCBC (3-6' x 3' Ext. Lt. & Rt.) w/ Wingwalls (Sta. 461+10)	59	lf
Fill, Sand (Flushed & Vibrated)	819	lf
MH Ad Justed	6	ea
LUMP SUM KDOT BID ITEMS - DRAINAGE (707041)		
Edge Drains	2363	lf
Edge Drain Outlet	13	ea
LUMP SUM COW BID ITEMS - TRAFFIC (707041)		
Signing (COW)	1	LS
Pavement Marking	(See Sh. No. 256 for Bid Items)	
Traffic Signalization (Greenwich & Greenwich Village)	1	LS
Traffic Signalization (Greenwich & Ramp NS-E)	1	LS
Traffic Signalization (Greenwich & Ramp E-NS)	1	LS
Traffic Control	1	LS
LUMP SUM KDOT BID ITEMS - TRAFFIC (707041)		
Signing (KDOT)	(See Sh. No. 198 for Bid Items)	
Pavement Marking	(See Sh. No. 256 for Bid Items)	
Guardrail, Steel Plate	575	lf
Guardrail, Removal of Steel Plate	592	lf
Guardrail, Removal and Reconstruction of Steel Plate	50	lf
Guardrail End Terminal (MGS-SRT or MGS-FLEAT) (Flared)	3	ea
Guardrail End Terminal (MGS-Type II)	3	ea

RECAPITULATION OF QUANTITIES		
ITEM	QUANTITY	UNIT
LUMP SUM COW BID ITEMS - LANDSCAPE (707041)		
Brick Pavers (Concrete), Crosswalk	987	sy
Concrete Pavement 4" (Colored & Stamped)	1244	sy
Seeding	1	LS
Sodding, Fescue	1	LS
Tree, Shingle Oak - 2.5" caliper	5	ea
Pedestrian Bench, Relocated	1	ea
LUMP SUM KDOT BID ITEMS - LANDSCAPE (707041)		
Fence (Woven Wire) (Type B)	3093	lf
Posts (Corner) (Woven Wire Type B)	15	ea
Posts (End) (Woven Wire Type B)	6	ea
Posts (Pull) (Woven Wire Type B)	10	ea
Electric Lighting System	1	LS
High Mast Light Tower (100') (36" Concrete Base)	1	ea
MEASURED QUANTITY COW BID ITEMS - PAVING (707041)		
Concrete Sidewalk 4"	16896	sf
Concrete Sidewalk Protection Curb	314	lf
Concrete Driveway 8" (Reinforced)	8478	sf
Crushed Rock Base 5", Reinforced (Multi-Use Path)	2006	sy
AC Pvmt 6", Temp for Patching	454	sy
Small Tree Removal	28	ea
Large Tree Removal	13	ea
Sign, Electronic Portable Message	100	day
Saw & Seal Joints	6882	lf
MEASURED QUANTITY KDOT BID ITEMS - PAVING (707041)		
Water (Grading) (Set Price)	1	m gal
Pavement Edge Wedge (Rock)	1687	ton
Rumble Strips (Milled) (Concrete)	37	sfa
Lime	291	ton
Water (Lime Treated Subgrade) (Set Price)	418	m gal
4" HMA-Commercial Grade (Class B) (Multi-Use Path)	349	ton
MEASURED QUANTITY COW BID ITEMS - BMP's (707041)		
BMP, Curb Inlet Protection	17	ea
BMP, Silt Fence	7500	lf
BMP, Back of Curb Protection	390	lf
BMP, Construction Entrance	2	ea
MEASURED QUANTITY COW BID ITEMS - WATERLINE (620661)		
Pipe, DI CL RJ 6"	18	lf
Pipe, CL RJ Plug 6"	2	ea
Water Meter Relocate	1	ea
Split Joint Restrainer	4	ea
Temporary Water Service	1	LS
AC Pavement Removed & Replaced	70	lf
Fire Hydrant	4	ea
Fire Hydrant Removal	4	ea
Valve Box Ad Justed	4	ea
Site Clearing	1	LS
Site Restoration	1	LS

See Sh. No. 155 for Summary of Lighting Quantities.
 See Sh. No. 157, 159, and 161 for Summary of Traffic Signal Quantities.
 See Sh. No. 198 for Recapitulation of Signing Quantities (KDOT).
 See Sh. No. 199 for Summary of Signing Quantities (COW).
 See Sh. No. 256 for Recapitulation of Pavement Marking Quantities.
 See Sh. No. 282 for Summary of Traffic Control Devices.

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No.	Revision	By	Date
K-96 AND GREENWICH ROAD SUMMARY OF QUANTITIES RECAP OF QUANTITIES GARY JANZEN, P.E.-CITY ENGINEER CITY OF WICHITA PROJECT NO. 472-85066			
		PROFESSIONAL ENGINEERING CONSULTANTS, P.A. 303 SOUTH TOPEKA WICHITA, KS 67202 316-262-2691 www.pec1.com	
Designed by	JPS	Job No.	09521
Drawn by	CP	Date	Jan., 2014
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