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RECAPITULATION OF QUANTITIES		
ITEM	QUANTITY	UNIT
<b>LUMP SUM BID ITEMS - PAVING (706992)</b>		
Mobilization	1	LS
Mobilization (DBE)	1	LS
Field Office & Laboratory (Type A)	1	ea
Site Clearing	1	LS
Site Restoration	1	LS
Removal of Existing Structures	1	LS
Concrete &/or Asphalt Pavement Removed	22891	sy
Excavation	24056	cy
Excavation, Borrow (Contractor Furnished)	68	cy
Fill, Compacted (95% Density)	10622	cy
Concrete Pavement (VG) 9" (Reinf)	1212	sy
Concrete Pavement 9" (Uniform)	2571	sy
Concrete Pavement 9" (NRDJ)	21363	sy
Concrete Railroad Approach (9") (Reinf.)	231	sy
Concrete Pavement 4" (Median) (w/ 4" Crushed Rock Base)	128	sy
Concrete Ramp Nose Section (Median)	4	ea
Concrete Ditch Lining (5") (Reinf.)	1704	sy
Concrete Ditch Lining Backslope (5") (Reinf.)	14	sy
Slope Drain	28	lf
AC Pavement 7" (5" Bit Base) (BM-2)	1123	sy
2" AC Pavement Mill & Overlay (BM-2, PG 70-28)	1337	sy
Crushed Rock Base 6", Reinforced	29614	sy
Crushed Rock Base 8", Reinforced	1265	sy
Concrete C & G, Comb. Type 1 (6" & 1-1/2")	9978	lf
Concrete C & G, Comb. Type 3 (8" & 1-1/2")	283	lf
Concrete Curb, Mono Edge (6" & 1-1/2")	650	lf
Concrete Safety Barrier	480	lf
<b>LUMP SUM BID ITEMS - DRAINAGE (706992)</b>		
Inlet, Curb (Type 1) (L=5' W=3')	17	ea
Inlet, Curb (Type 1) (L=5' W=5')	1	ea
Inlet, Curb (Type 1) (L=10' W=3')	19	ea
Inlet, Curb (Type 1) (L=10' W=4')	1	ea
Inlet, Curb (Type 1) (L=10' W=5')	3	ea
Inlet, Curb (Type 1) (L=15' W=3')	8	ea
Inlet, Curb (Type 1) (L=15' W=4')	3	ea
Inlet, Curb (Type 1) (L=15' W=5')	1	ea
Inlet Hookup	53	ea
MH, Reinforced Concrete (4' x 4')	1	ea
MH, Reinforced Concrete (6'-6" x 4')	1	ea
MH (Over RCB)	17	ea
Pipe, PVC 4", Perforated (Inlet Underdrain)	583	lf
Pipe, Cross Road Ext. 18" (RCP) (Channel "A" Sta. 98+74)	7	lf
Pipe, Cross Road 42" x 27" (RCPHE) (Sta. 144+94)	81	lf
Pipe, Cross Road 38" x 24" (RCPHE) (Sta. 147+76)	79	lf
Pipe, SWS 4' x 3' (RCB)	407	lf
Pipe, SWS 5' x 3' (RCB)	103	lf
Pipe, SWS 6' x 3' (RCB)	73	lf
Pipe, SWS 7' x 3' (RCB)	460	lf
Pipe, SWS 8' x 3' (RCB)	736	lf
Pipe, SWS 9' x 3' (RCB) w/ wingwalls one end only	421	lf
Pipe, SWS 12"	6	lf
Pipe, SWS 15"	253	lf
Pipe, SWS 15" (RCP)	1234	lf
Pipe, SWS 18"	47	lf
Pipe, SWS 18" (RCP)	384	lf
Pipe, SWS 24"	18	lf
Pipe, SWS 24" (RCP)	30	lf
Pipe, SWS 30"	45	lf
Pipe, SWS 30" (RCP)	308	lf
Pipe, SWS 42" x 27" (RCPHE)	647	lf
Pipe, SWS 12" End Section	1	ea
Pipe, SWS 15" End Section	1	ea
Pipe, SWS RCP 15" End Section	1	ea
Pipe, SWS 18" End Section	1	ea
Pipe, SWS 24" End Section	1	ea
Pipe, RCP 18" End Section	1	ea
Pipe, RCP 18" End Section, Removed & Reset	2	ea
Pipe, RCPHE 42" x 27" End Section	2	ea
Pipe, RCPHE 38" x 24" End Section	2	ea
Pipe, RCBC (8' x 3') w/ Wingwalls (Sta. 128+45)	72	lf
Handrail (Steel), Pedestrian (3'-6") (Sta. 128+45)	53	lf
Pipe, RCBC (2'-6" x 3') w/ Wingwalls (Sta. 153+46)	108	lf
Handrail (Steel), Pedestrian (3'-6") (Sta. 153+46)	73	lf
Pipe, RCBC (6' x 3') w/ Wingwalls (Channel "A")	88	lf
Handrail (Steel), Pedestrian (3'-6") (SWS Sta. 100+00)	37	lf
Fill, Sand (Flushed & Vibrated)	5256	lf
MH Adjusted, SWS	1	ea
<b>LUMP SUM BID ITEMS - TRAFFIC (706992)</b>		
Signing, except Street Name Signs	1	LS
Pavement Marking	1	LS
Traffic Signalization (37th & Broadway)	1	LS
Traffic Signal Conduit (3" RGC) (37th & Hydraulic)	378	lf
Traffic Signal Service Boxes (37th & Hydraulic)	4	ea
Traffic Control	1	LS
T-Works Sign Assembly	2	ea

RECAPITULATION OF QUANTITIES		
ITEM	QUANTITY	UNIT
<b>LUMP SUM BID ITEMS - LANDSCAPE (706992)</b>		
Brick Pavers (Concrete), Crosswalk	265	sy
Seeding	1	LS
Sodding, Fescue	1	LS
Sodding, Bermuda	1	LS
<b>LUMP SUM BID ITEMS (706992) (NON-PARTICIPATING)</b>		
Signing, Street Name Signs Only	1	LS
<b>MEASURED QUANTITY BID ITEMS (706992)</b>		
Concrete Driveway 9" (Reinforced)	21448	sf
Surfacing Material 2" (SA-1) (Driveway)	1150	sf
AC Pvmf 6" (4" Bit Base), Temp for Widening (w/ 5" Crushed Rock Base)	3600	sy
AC Pvmf 6", Temp for Patching	249	sy
Small Tree Removal	16	ea
Large Tree Removal	15	ea
Sign, Electronic Portable Message	100	day
<b>MEASURED QUANTITY BID ITEMS - BMP's (706992)</b>		
BMP, Curb Inlet Protection	53	ea
BMP, Silt Fence	7800	lf
BMP, Back of Curb Protection	9480	lf
BMP, Erosion Control Mat	8585	sy
BMP, Construction Entrance	2	ea
<b>MEASURED QUANTITY BID ITEMS - SANITARY SEWER (620610) (NON-PARTICIPATING)</b>		
AC Driveway Replacement (Temporary)	33	lf
AC Pavement Removed	144	lf
Gravel Shoulder, Removed & Replaced	10	lf
MH, Outside Drop SS (4')	1	lf
MH, Standard SS (4') w/Eccentric Cone	1	lf
Air Testing, SS Pipe	409	lf
Site Clearing	1	LS
Site Restoration	1	LS
Fill, Flowable	295	lf
Fill, Sand (Flushed & Vibrated)	129	lf
AC Driveway Removed	33	lf
AC Pavement Replaced (Temporary)	144	lf
Gravel Drive Removed & Replaced	31	lf
Concrete Encasement 8", Reinforced	23	lf
Pipe Removed	410	lf
Pipe, SS 8"	410	lf
MH Removed	8	ea
MH Adjusted w/New Ring & Cover	2	ea
MH, Joint Wrap	101	lf
MH, Standard SS (4')	3	ea
MH, Standard SS (5')	1	ea
<b>MEASURED QUANTITY BID ITEMS - WATERLINE (636268) (NON-PARTICIPATING)</b>		
Pipe, DI CL 12"	44	lf
Pipe, DI CL 6"	21	lf
Pipe, DI CL 8"	66	lf
AC Pavement Removed	230	lf
Valve and Valve Box Removed	4	ea
Valve and Valve Box Relocate	1	ea
Pipe, RJ DI CL 12"	153	lf
Valve Assembly, 2"	1	ea
Transportation of Salvaged Material	1	LS
Site Clearing	1	LS
Site Restoration	1	LS
AC Pavement Replaced (Temporary)	230	lf
Pipe, Cut and Cap	29	ea
Pipe, WL 2"	13	lf
Pipe, WL 8"	164	lf
Pipe, WL 12"	704	lf
Fire Hydrant Assembly	1	ea
Fire Hydrant	3	ea
Fire Hydrant Adjustment	8	ea
Fire Hydrant Removal	4	ea
Service Reconnection, Water	1	ea
Service Line, Long 1"	5	ea
Service Line, Long 2"	1	ea
Service Line, Short 1"	1	ea
Valve Box Adjusted	35	ea
Valve Box Removed	4	ea
Valve Assembly, 8"	1	ea
Valve Assembly, Anchored 8"	1	ea
Water Meter Adjusted	11	ea
Water Meter Removed	2	ea

See Sh. No. 113 for Summary of Pavement Markings.  
 See Sh. No. 117 for Sign Assembly Tables.  
 See Sh. No. 136 for List of Traffic Control Devices.

SEEDING *				
LOCATION	STATION TO STATION	SIDE	QUANTITY (S.Y.)	
37th St.	99+57	100+81	Lt.	80.55
37th St.	99+57	101+21	Rt.	354.07
37th St.	100+81	104+00	Lt.	731.84
37th St.	107+61	111+23	Rt.	1079.90
37th St.	111+23	114+85	Rt.	1407.29
37th St.	121+69	126+40	Lt.	1401.24
37th St.	126+40	131+65	Lt.	2084.20
37th St.	126+40	128+77	Rt.	623.62
37th St.	135+16	139+67	Rt.	1931.19
37th St.	141+83	147+92	Rt.	2324.11
37th St.	144+66	147+97	Lt.	751.64
37th St.	152+93	155+09	Lt.	1542.83
37th St.	152+93	155+09	Rt.	1260.39
⊗ Channel "A"	96+91	99+91	Cln	1673.88
⊗ Channel "B"	5+46	18+20	Cln	6911.49
Totals				24158.23

Seed shall be a mix of Ryegrass applied at a rate of 50 lbs. per acre and Buffalo Grass applied at a rate of 200 lbs. per acre.

\* Quantity shown For Information Only. The Contractor will be required to seed or sod all non-paved areas disturbed by construction.


⊗ The Contractor will be required to install erosion control mat to all non-paved areas of Channel "A" and Channel "B" disturbed by construction. The mat shall be Curlex I Excelsior Blanket, or Approved Equal. Quantities for this work are included in the bid item "BMP, Erosion Control Mat."

SODDING, FESCUE *				
LOCATION	STATION TO STATION	SIDE	QUANTITY (S.Y.)	
37th St.	133+05	135+16	Rt.	783.55
37th St.	139+67	141+83	Rt.	875.68
Totals				1659.23

\* Quantity shown For Information Only. The Contractor will be required to seed or sod all non-paved areas disturbed by construction.

SODDING, BERMUDA *				
LOCATION	STATION TO STATION	SIDE	QUANTITY (S.Y.)	
37th St.	95+29	99+17	Lt.	820.82
37th St.	95+29	99+17	Rt.	1237.83
37th St.	101+21	104+41	Rt.	960.84
37th St.	104+00	121+69	Lt.	3662.84
37th St.	104+41	107+61	Rt.	651.14
37th St.	114+85	126+40	Rt.	1976.62
37th St.	128+77	133+05	Rt.	1201.78
37th St.	131+65	141+72	Lt.	2681.44
37th St.	141+72	144+66	Lt.	847.31
37th St.	147+92	152+93	Rt.	2477.29
37th St.	147+97	152+93	Lt.	620.04
Totals				17137.95

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No.	Revision	By	Date
37TH STREET NORTH <b>SUMMARY OF QUANTITIES    RECAP OF QUANTITIES</b> GARY JANZEN, P.E.-CITY ENGINEER CITY OF WICHITA PROJECT NO. 472-84692			
		PROFESSIONAL ENGINEERING CONSULTANTS, P.A. 303 SOUTH TOPEKA WICHITA, KS 67202 316-262-2691 www.pec1.com	
Designed by	JPS	Job No.	08207
Drawn by	SVB	Date	August, 2013
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