

RECAPITULATION OF QUANTITIES		
ITEM	QUANTITY	UNIT
LUMP SUM BID ITEMS (706973)		
Mobilization	1	LS
Mobilization (DBE)	1	LS
Field Office and Lab (Type A)	1	ea
Clearing Right of Way	1	LS
Pavement Removed	75594	sy
Excavation	65729	cy
Borrow Excavation (Contractor Furnished)	8008	cy
Compacted Fill (95% Density)	49849	cy
Concrete Pavement (8") (RCVG)	2050	sy
Concrete Pavement (9") (Reinforced)	6555	sy
Milling (2" Nominal)	5255	sy
2" AC Pavement (BM-2, PG 70-28)	5255	sy
7" AC Pavement (5" Bit Base) (BM-2, PG 70-28)	96146	sy
6" Reinforced Crushed Rock Base	6984	sy
7" Reinforced Crushed Rock Base	2131	sy
8" Reinforced Crushed Rock Base	108256	sy
Underdrain (Curb Inlets)	594	lf
Combined Curb and Gutter (Type I or Type II)	27107	lf
Combined Curb and Gutter (Type III)	5846	lf
Edge Curb (Monolithic) (6")	760	lf
Slope Drain	122	lf
Wheelchair Ramp (w/ Detectable Warning)	40	ea
Curb Inlet (Type I) (L=10'-0", W=3'-0")	60	ea
Curb Inlet (Type I) (L=10'-0", W=4'-0")	18	ea
Curb Inlet (Type I) (L=10'-0", W=5'-0")	1	ea
Inlet Hook-up	79	ea
Reinforced Concrete Manhole	1	ea
15" Storm Sewer (RCP)	5305	lf
18" Storm Sewer (RCP)	2081	lf
24" Storm Sewer (RCP)	3215	lf
30" Storm Sewer (RCP)	720	lf
36" Storm Sewer (RCP)	176	lf
15" E.P. (RCP)	56	lf
36" E.P. (RCP)	99	lf
15" End Section (R.C.)	4	ea
18" End Section (R.C.)	2	ea
24" End Section (R.C.)	1	ea
36" End Section (R.C.)	2	ea
8'x5' RCB (Sta. 139+62)	98	lf
Pedestrian Handrail (Steel) (3'-6") (Sta. 139+62)	66	lf
2-9'x5' RCB (Sta. 165+14)	105	lf
Pedestrian Handrail (Steel) (3'-6") (Sta. 165+14)	87	lf
2-8'x4' RCB (Sta. 169+96)	102	lf
Pedestrian Handrail (Steel) (3'-6") (Sta. 169+96)	76	lf

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LUMP SUM BID ITEMS (706973)		
Bridge 43040087OWBFM35 (3'-8"x5'x104') (Sta. 192+92)		
Precast Box (8'x5')	273	lf
Concrete (Grade 4.0)	54	cy
Reinforcing Steel (Gr. 60)	7230	lbs
Class III Excavation	135	cy
Foundation Stabilization	70	cy
Pedestrian Handrail (Steel) (3'-6") (Sta. 192+92)	102	lf
7'x5' RCB (Sta. 225+45)	104	lf
Pedestrian Handrail (Steel) (3'-6") (Sta. 225+45)	64	lf
4'x3' RCB (Sta. 248+01.23)	112	lf
Pedestrian Handrail (Steel) (3'-6") (Sta. 248+01.23)	46	lf
Sand Fill, Flush and Vibrate	3165	lf
ArmorFlex (Class 305)	167	sy
Signing	1	LS
Pavement Marking	1	LS
Traffic Signal Installation (127th St.)	1	LS
Temporary Traffic Signal Installation (127th St.)	1	LS
Traffic Signal Installation (143rd St.)	1	LS
Traffic Signal Installation (159th St.)	1	LS
Traffic Control	1	LS
Signal Interconnect Conduit (2" HDPE)	12088	lf
Signal Interconnect Service Box	14	ea
Mailbox Adjustment	7	ea
LUMP SUM BID ITEMS - LANDSCAPE (706973)		
Stamped Concrete Pavement (4") (Colored)	238	sy
Paving Brick (Crosswalk)	1121	sy
Median Irrigation Sleeves (6" PVC)	320	lf
Seeding and Erosion Control Mat	51253	sy
Premium Blend Fescue Sod	40992	sy
Buffalograss Sod "Legacy" (Medians)	1304	sy
Bur Oak Tree (2.5' Cal.)	10	ea
Lacebark Elm "Allee" Tree (2.5' Cal.)	13	ea
Prairiefire Crabapple Tree (2" Cal.)	37	ea
Chinese Pistache Tree (2.5' Cal.)	12	ea
Sawtooth Oak Tree (2.5' Cal.)	8	ea
Spring Snow Crabapple Tree (2" Cal.)	32	ea
Oklahoma Redbud Tree (2" Cal.)	71	ea
Shantung Maple Tree (2" Cal.)	16	ea
Washington Hawthorn Tree (2" Cal.)	74	ea
Skyline Honeylocust Tree (2.5' Cal.)	8	ea
Chanficleer Pear Tree (2.5' Cal.)	22	ea
Goldenrain Tree (2.5' Cal.)	18	ea

RECAPITULATION OF QUANTITIES		
ITEM	QUANTITY	UNIT
MEASURED QUANTITY BID ITEMS (706973)		
Sidewalk Concrete Pavement (4")	151876	sf
Concrete Pavement (8") (Reinforced) (Entrances)	1679	sy
Segmental Retaining Wall	3211	sf
6" AC Temp. Pavement (4" Bit. Base)	18194	sy
MEASURED QUANTITY BID ITEMS - BMP'S (706973)		
Curb Inlet Protection	79	ea
Silt Fence	34200	lf
Construction Entrance	2	ea
LUMP SUM BID ITEMS (766177)		
FOUNDER'S CIRCLE TRAFFIC SIGNAL PETITION		
Traffic Signal Installation (Founder's Circle)	1	LS
Temporary Traffic Signal Installation (Founder's Circle)	1	LS
LUMP SUM BID ITEMS (766178)		
HAWTHORNE RIGHT TURN LANE PETITION		
Excavation	277	cy
Compacted Fill (95% Density)	112	cy
7" AC Pavement (5" Bit Base) (BM-2, PG 70-28)	719	sy
8" Reinforced Crushed Rock Base	972	sy
15" Storm Sewer (RCP)	12	lf
Sand Fill, Flush and Vibrate	12	lf
LUMP SUM BID ITEMS (766179)		
REED COMMERCIAL RIGHT TURN LANE PETITION		
Excavation	382	cy
Compacted Fill (95% Density)	121	cy
7" AC Pavement (5" Bit Base) (BM-2, PG 70-28)	841	sy
8" Reinforced Crushed Rock Base	1130	sy
15" Storm Sewer (RCP)	24	lf
Sand Fill, Flush and Vibrate	24	lf
LUMP SUM BID ITEMS (766183)		
KRUG SOUTH RIGHT TURN LANE PETITION		
Excavation	108	cy
Compacted Fill (95% Density)	130	cy
7" AC Pavement (5" Bit Base) (BM-2, PG 70-28)	779	sy
8" Reinforced Crushed Rock Base	1049	sy
15" Storm Sewer (RCP)	12	lf
Sand Fill, Flush and Vibrate	12	lf
NON-PARTICIPATING BID ITEMS		
Part B - Waterline Improvements (635690)	1	LS
Street Name Signing	1	LS
Transporting Salvageable Material	1	LS

See Sh. No. 141 for Summary of Pavement Markings.
 See Sh. No. 151 for Sign Assembly Tables.
 See Sh. No. 186 for List of Traffic Control Devices.
 See Plan Part B Sh. No. B1 for List of Waterline Improvement Items.

SUMMARY OF EARTHWORK QUANTITIES								
STAGE	LOCATION	STATION TO STATION	EXCAVATION (C.Y.)	BORROW EXCAVATION (CONTRACTOR FURNISHED) (C.Y.)	FILL (C.Y.)	FILL (BEHIND CURBS) (C.Y.)	COMPACTION THRU CUTS (C.Y.)	WASTE (C.Y.)
1	21st St.	132+08	267+95	564	7780	6675	-----	-----
1	127th St.	21+26	41+60	173	228	321	-----	-----
2	21st St.	125+49	259+85	28658	-----	11985	8237	12963
2	127th St.	18+07	40+63	3051	-----	577	957	2293
2	143rd St.	50+00	56+00	2917	-----	186	451	2680
2	159th St.	70+00	74+50	974	-----	147	348	783
3	21st St.	129+50	259+85	27678	-----	9195	8327	15373
3	127th St.	18+07	30+00	1480	-----	185	396	1230
3	143rd St.	43+10	50+00	800	-----	603	255	41
3	159th St.	68+50	70+00	201	-----	10	74	182
TOTALS				66496	8008	29884	1283	35545

Note: Fill, Backfill Behind Curbs, and Compaction thru Cuts are all paid for as "Compacted Fill (95%)". Total Amount = 50,212 CY.

DSNR: JPS OPER: SVB I:/2001/01616/QUANTITIES/01616-QUANTITIES_V8.DGN 05-28-2008

No.	Revision	By	Date
			21ST. ST.
SUMMARY OF QUANTITIES RECAP OF QUANTITIES			
JAMES L. ARMOUR, P.E. - CITY ENGINEER CITY OF WICHITA PROJECT NO. 472-84636			
Professional Engineering Consultants, P.A. 303 S. TOPEKA • WICHITA, KANSAS 67202 316-262-2691 • FAX 316-262-3003			
Designed by	JPS	Job No.	01616
Drawn by	SVB	Date	August, 2008

