

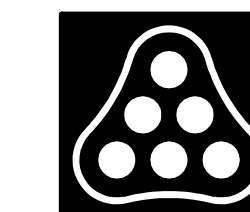
SUMMARY OF EARTHWORK QUANTITIES							
LOCATION	STATION TO STATION		EXCAVATION (C.Y.)	FILL (C.Y.)	FILL (BEHIND CURBS) (C.Y.)	COMPACTION THRU CUTS (C.Y.)	WASTE (C.Y.)
Emporia St.	601+07	609+87	1,277	21	42	888	1,198
William St.	700+48	706+06	891	11	13	572	861
St. Francis St.	43+03	45+80	428	19	15	297	386
Total			2596	51	70	1757	2445

Note: Fill, Backfill Behind Curbs, and Compaction thru Cuts are all paid for as *Compacted Fill (95%). Total Amount = 1878 C.Y.

RECAPITULATION OF QUANTITIES		
ITEM	QUANTITY	UNIT
LUMP SUM BID ITEMS (707001)		
Mobilization	1	LS
Field Office and Lab (Type A)	1	ea
Clearing Right of Way	1	LS
Site Restoration	1	LS
Pavement Removed	12579	sy
Excavation	2596	cy
Compacted Fill (95% Density)	1878	cy
Concrete Pavement (8") (Reinf.) (Alley Entrances)	63	sy
Concrete Pavement (9") (Uniform) (Intersections)	2546	sy
Concrete Pavement Header (11") (Reinf.) (Crosswalk)	20	sy
7" AC Pavement (5" Bit Base) (BM-2, PG 70-28)	6593	sy
6" Reinforced Crushed Rock Base (9" Pavement)	2884	sy
7" Reinforced Crushed Rock Base (Alley Entrances)	56	sy
8" Reinforced Crushed Rock Base (7" Pavement)	7772	sy
Underdrain (Curb Inlets)	114	lf
Combined Curb and Gutter (Type I or Type II) (Modified)	3452	lf
Edge Curb (Monolithic) (6")	33	lf
Paving Brick (Crosswalk)	653	sy
Wheelchair Ramp (with Detectable Warning)	19	ea
Curb Inlet (Type II) (L=4'-10")	15	ea
Inlet Hook-up	15	ea
Reinforced Concrete Manhole	8	ea
15" Storm Sewer (RCP)	441	lf
18" Storm Sewer (RCP)	421	lf
24" Storm Sewer (RCP)	523	lf
Adjustment of Manholes	14	ea
Sand Fill, Flush, and Vibrate	1385	lf
Water Valve Box Adjustment	20	ea
Water Meter Box Adjustment	12	ea
Street Signing	1	LS
Pavement Marking	1	LS
Traffic Signal Installation (Emporia Crosswalk)	1	LS
Traffic Signal Installation (Emporia & William)	1	LS
Traffic Signal Modification (St. Francis & Douglas)	1	LS
Traffic Control	1	LS
Temporary Traffic Signal Installation (Emporia & William)	1	LS
Landscape	1	LS
Street Lighting	1	LS
MEASURED QUANTITY BID ITEMS (707001)		
Concrete Pavement (8") (Reinf.) (Drive Entrances)	408	sy
6" AC Temporary Pavement (4" Bit Base)	300	sy
Sidewalk Concrete Pavement (4")	17895	sf
Inlet Protection	15	ea
Silt Fence	3000	lf
Protection Curb (6") (AE)	600	lf
LUMP SUM BID ITEMS (636208) - WATERLINE		
8" Pipe	269	lf
4" DICL SJ Pipe	10	lf
6" DICL SJ Pipe	10	lf
8" DICL SJ Pipe	31	lf
4" Anchored Valve Assembly	1	ea
6" Anchored Valve Assembly	1	ea
Fire Hydrant Relocation	2	ea
Service Relocation	2	ea
Remove and Replace Concrete Pavement	5	lf
LUMP SUM BID ITEMS (620526) - SAN. SEWER (ST. FRANCIS)		
12" PVC Sanitary Sewer Pipe	125	lf
Flowable Fill	122	lf
Manhole Adjustment	1	ea
LUMP SUM BID ITEMS (620527) - SANITARY SEWER (ALLEY)		
8" PVC Sanitary Sewer Pipe	190	lf
MH, Type P Shallow (4' dia.)	2	ea
Reconnect 4" Sewer Services	3	ea
Remove and Replace Asphalt Pavement and Curb/Gutter	48	lf
Remove and Replace Concrete Blocks	13	lf
Remove and Replace Concrete Pavement	130	lf
Jetted Sand Backfill	190	lf
Erosion Control	1	LS
Site Clearing	1	LS
Site Restoration	1	LS

See Sh. No. R42, R44, and R46 for Traffic Signal Bill of Materials.
 See Sh. No. R49 for Summary of Pavement Markings.
 See Sh. No. R53 for Sign Assembly Tables.
 See Sh. No. R60 for List of Traffic Control Devices.
 See Sh. No. E5 for Summary of Electric Lighting System Quantities.
 See Sh. No. L5 for Summary of Landscape Quantities.

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No.	Revision	By	Date
EMPORIA STREET, WILLIAM STREET & ST. FRANCIS STREET			
SUMMARY OF EARTHWORK & RECAPITULATION OF QUANTITIES			
JAMES L. ARMOUR, P.E. - CITY ENGINEER CITY OF WICHITA PROJECT NO. 472-84744			
Professional Engineering Consultants, P.A. 303 S. TOPEKA • WICHITA, KANSAS 67202 316-262-2691 • FAX 316-262-3003			
Designed by	JPS	Job No.	08456
Drawn by	SVB	Date	Feb., 2009
			Sht. R36 of R78