

PERMANENT PAVEMENT PATCHING

STATION	SIDE	OFFSET	PERMANENT (S.Y.)	CURB & GUT. REM. REPL. (L.F.)	PAVEMENT TYPE
Road Items:					
39+66.88 to 48+13.88	Lt.		430.08		Varies
Road Items Total:			430.08	0	
Water Items:					
17th Street			11.00	10.00	Asphalt
Green Street, South			23.20		Asphalt
Green Street, North			13.30	10.00	Concrete
Chautauqua Street			12.80		Concrete
Chautauqua Street					
17th Street			12.40	10.00	Asphalt
Holyoke Street			11.00		Asphalt
Water Item Totals:			83.70	30.00	
Sanitary Items:					
Lorraine			11.00		Asphalt
Sanitary Item Totals:					
Sum of Item Totals:			11.00	0	

REINFORCED CRUSHED ROCK BASE

LOCATION	CRUSHED ROCK BASE (6") (SQ.YD.)	CRUSHED ROCK BASE (7") (SQ.YD.)	CRUSHED ROCK BASE (8") (SQ.YD.)	REMARKS
17TH STREET				
48+43.75 to 49+50.38			569.76	17th Street
49+50.38 to 50+48.88	885.19			Inter. 17-Grove
50+48.88 to 75+39.92			13929.17	17th Street
75+39.92 to 77+26.97	1971.64			Inter-Hillside
77+26.97 to 81+32.18	2599.45			17th Street
GROVE STREET				
47+65.74 to 49+45.24			767.89	Grove
50+54.74 to 52+34.25			772.95	Grove
HILLSIDE STREET				
43+73.08 to 49+38.91	3315.04			Hillside
51+00.72 to 55+92.15			2928.43	Hillside
VALLEY GUTTERS				
53+29.28		183.48		Poplar (South)
53+35.19		181.84		Poplar (North)
56+60.56		155.55		Green (South)
56+65.25		182.92		Green (North)
59+89.37		181.46		Estelle (South)
59+95.09		182.57		Estelle (North)
63+19.42		183.89		Volutsia (South)
63+20.95		183.19		Volutsia (North)
66+44.68		183.18		Erie (South)
69+74.40		181.21		Chautauqua (S)
69+75.63		184.01		Chautauqua (N)
73+04.56		186.80		Lorraine (South)
73+05.79		185.09		Lorraine (North)
79+99.94		105.87		Holyoke (South)
TOTAL	8,771.32	2,461.06	18,968.20	

TREE REMOVAL

STATION	OFFSET	LARGE	SMALL	STATION	OFFSET	LARGE	SMALL
52+79.57	29.67 Lt.		X	68+35.04	31.07 Rt.	X	
55+62.31	31.76 Rt.		X	68+65.10	35.78 Rt.	X	
55+98.52	43.21 Lt.	X		68+99.80	36.83 Rt.	X	
56+04.72	31.65 Rt.		X	69+96.12	68.22 Lt.		X
57+19.48	29.78 Lt.		X	70+27.65	32.78 Rt.	X	
57+56.50	34.12 Rt.		X	70+66.42	33.41 Rt.	X	
57+59.56	28.99 Lt.		X	70+88.11	30.85 Rt.	X	
58+17.60	33.17 Rt.		X	71+12.31	31.49 Lt.		X
58+54.09	28.90 Lt.		X	71+67.20	34.25 Rt.	X	
58+88.66	29.75 Lt.		X	71+96.45	31.15 Lt.		X
59+28.19	29.91 Lt.		X	72+09.48	32.70 Rt.	X	
59+76.05	54.62 Lt.	X		72+51.71	32.55 Rt.	X	
60+13.65	58.57 Lt.		X	73+57.30	36.15 Lt.	X	
60+50.32	29.05 Lt.		X	74+20.54	36.85 Lt.	X	
60+62.54	32.32 Rt.		X	77+62.46	27.49 Lt.	X	
61+27.41	31.66 Rt.		X	77+86.36	27.65 Lt.	X	
61+73.53	26.94 Lt.	X		78+06.73	29.04 Lt.	X	
61+74.22	31.56 Rt.		X	78+37.08	27.97 Lt.	X	
62+12.90	31.81 Rt.		X	78+61.83	28.92 Lt.	X	
62+20.11	27.30 Lt.		X	78+82.79	27.56 Lt.	X	
62+54.79	32.50 Rt.		X	79+18.67	27.19 Lt.	X	
62+60.93	28.50 Lt.		X	79+37.56	26.88 Lt.	X	
63+85.11	31.77 Rt.		X	79+68.57	27.49 Lt.	X	
64+96.16	35.05 Rt.	X		Grove			
65+68.04	35.13 Rt.	X		48+43.04	21.46 Rt.		X
66+95.99	35.85 Rt.	X		49+03.05	19.30 Rt.		X
67+26.71	37.02 Rt.	X		Hillside			
68+12.08	42.17 Rt.	X		47+07.23	33.94 Lt.		X
				TOTALS:		29	26

RECAPITULATION OF QUANTITIES

LUMP SUM BID ITEM	QUANTITY	UNIT
ROADWAY ITEMS		
Pavement Removal	29,028	S.Y.
Excavation	13,380	C.Y.
Compacted Fill	200	C.Y.
A.C. Pavment 7" (5" Bit. Base)(BM-2)(PG 70-28)	17,166	S.Y.
Asphalt Hook-up	254	S.Y.
Concrete Pavement, 9" (Reinf.)(AE)	2,253	S.Y.
Concrete Pavement, 9" (NRDJ)(AE)	5,185	S.Y.
RCVG Pavement, 8"	2,347	S.Y.
Reinforced Crushed Rock Base, 8"	18,969	S.Y.
Reinforced Crushed Rock Base, 7"	2,461	S.Y.
Reinforced Crushed Rock Base, 6"	8,772	S.Y.
Combined Curb and Gutter, (Type I and II)(AE)	8,557	L.F.
Pavement Underdrain	7,088	L.F.
Wheelchair Ramp	42	Each
Brick Paver Crosswalks	5,021	S.F.
Modular Concrete Block Retaining Wall (non-participating)	120	S.F. Face
Dry Stack Retaining Wall (non-participating)	390	S.F. Face
Remove and Reset Bus Shelter	1	Each
Remove and Reset Bus Bench	3	Each
Manhole Adjust	2	Each
Manhole Adjust (non-participating)	1	Each
Valve Box Adjust	12	Each
Valve Box Adjust (non-participating)	10	Each
Water Meter Box Adjust (non-participating)	21	Each
Water Meter Vault Lid Adjust (non-participating)	2	Each
Comm. Vault Box Adjust (non-participating)	1	Each
Type I Curb Inlet, 5' Opening	1	Each
Type I Curb Inlet, 10' Opening	26	Each
Type II Curb Inlet, Double	2	Each
Inlet Hook-up	29	Each
Driveway Grated Inlet, Double	1	Each
Manhole, Type P (5' dia.)	3	Each
Nyoplast Drain Basin, 12"	4	Each
SWS, 6" PVC	254	L.F.
SWS, 18" RCP	703	L.F.
SWS, 30" RCP	3,808	L.F.
Sand Backfill, Flushed and Vibrated	4,504	L.F.
Transport of Salvaged Materials (non-participating)	1	Lump Sum
MISCELLANEOUS ITEMS		
Clearing and Grubbing	1	Lump Sum
Removal of Existing Structures	1	Lump Sum
Site Restoration	1	Lump Sum
Field Office and Laboratory (Type A)	1	Each
Mobilization	1	Lump Sum
Mobilization (DBE)	1	Lump Sum
SODDING ITEMS		
Sodding	1	Lump Sum
ROADSIDE IMPROVEMENT ITEMS		
Sawtooth Oak, 2" cal.	6	Each
Shumard Oak, 2" cal.	4	Each
Caddo Sugar Maple, 2" cal.	5	Each
Urbanite Ash, 2" cal.	6	Each
Prarie Fire Crabapple, 1.5" cal.	15	Each
Spring Snow Crabapple, 1.5" cal.	13	Each
Royal Raindrop Crabapple, 1.5" cal.	15	Each
Oklahoma Red Bud, 1.5" cal.	43	Each
Service Berry, 1.5" cal.	20	Each
Amur Maple, 1.5" cal.	13	Each
Taylor Juniper, 6'-8' ht., B&B (non-participating)	14	Each
Kobold Barberry, 1 gal. (non-participating)	106	Each
Allegheny Viburnum, 7 gal. (non-participating)	12	Each
Remove and Relocate Fence (non-participating)	129	L.F.
TRAFFIC SIGNAL ITEMS		
Traffic Signal Installation, 17th and Grove	1	Each
Traffic Signal Installation, 17th and Hillside	1	Each
Temporary Traffic Signal, 17th and Grove	1	Each
Temporary Traffic Signal, 17th and Hillside	1	Each
Junction Box	27	L.F.
6-pr. #19 Communication Cable	4,246	L.F.
Conduit, 2" RG	3,783	Each
PAVEMENT MARKING ITEMS		
Pavement Marking	1	Lump Sum
SIGNING ITEMS		
Traffic Signing	1	Lump Sum
Street Name Signing (non-participating)	1	Lump Sum
TRAFFIC CONTROL ITEMS		
Traffic Control	1	Lump sum

RECAPITULATION OF QUANTITIES

MEASURED QUANTITY BID ITEMS	QUANTITY	UNIT
ROADWAY ITEMS		
Sidewalk, Driveway and Parking Lot Removal	43,176	S.F.
5" Asphalt Pavement (3" Bit. Base)	3,694	S.F.
Driveway Concrete Pavement, 8" (Reinf.)(AE)	23,574	S.F.
Aggregate Surfacing, AS-1, 2"	119	S.F.
Aggregate Base, AB-3, 3"	119	S.F.
Sidewalk Construction, 4" (AE)	40,892	S.F.
Sidewalk Thickening (AE)	2,245	L.F.
Protection Curb, 8"	85	L.F.
Protection Curb, 6"	288	L.F.
Permanent Pavement Patch	430	S.Y.
MISCELLANEOUS ITEMS		
Large Tree Removal	29	Each
Small Tree Removal	27	Each
TEMPORARY PROJECT WATER POLLUTION CONTROL ITEMS		
Erosion Control BMP (Back of Curb Protection)	9,369	L.F.
Erosion Control BMP (Curb Inlet Protection)	27	Each
Erosion Control BMP (Stabilized Entrance)	10	Each
TRAFFIC CONTROL ITEMS		
Temporary Asphalt Pavement	1,400	S.Y.
Portable changeable Electronic Message Sign	40	Days
SANITARY SEWER BID ITEMS		
LUMP SUM BID ITEMS		
8" Sanitary Sewer	1,032	L.F.
Manhole (Type P), 4' Dia.	1	Each
Manhole (Type P, Outside Drop), 4' Dia.	1	Each
Flowable Fill	1,032	L.F.
Manhole Adjust	3	Each
Replace Frame and Lid	5	Each
Remove Existing Manhole	2	Each
Permanent Pavement Patch	11	S.Y.
MEASURED QUANTITY BID ITEMS		
Remove Existing 8" Sanitary Sewer	1,032	L.F.
Temporary Pavement Patch	850	S.Y.
WATER BID ITEMS		
MEASURED QUANTITY BID ITEMS		
Abandon Existing System	1	Lump Sum
WL Pipe 08"	1,058	L.F.
DICL Pipe 08"	126	L.F.
Valve Assembly, 08"	12	Each
Anchored Valve Assembly, 08"	6	Each
Fire Hydrant Assembly	5	Each
Blowoff Assembly, 2"	7	Each
DIMJ Cap, 06"	6	Each
DIMJ Cap, 08"	5	Each
Long Service	77	Each
Short Service	3	Each
Relocate Water Line	3	Each
Temporary Pavement Patch	966	S.Y.
Permanent Pavement Patch	84	S.Y.
Curb and Gutter Remove and Replace	30	L.F.

NON-PARTICIPATING

FOR UTILITY ADJUSTMENTS SEE PAVING PLAN SHEETS
FOR BMP SUMMARY OF QUANTITIES SEE SHEET NO. 70
FOR PLANTING SCHEDULE SEE SHT. NO. 78
FOR TRAFFIC SIGNAL SUMMARY OF QUANTITIES SEE SHT. NO. 83
FOR PAVEMENT MARKING SUMMARY OF QUANTITIES SEE SHT. NO. 89
FOR SIGNING SUMMARY OF QUANTITIES SEE SHTS. NO. 90 AND 91