

Crossville Downtown Sidewalk Replacement Project

Opinion of Probable Construction Costs

September 13, 2017



Remove Street Lighting (to be performed by City) & Remove Ramps and Sidewalks at Lantana Road and Main Street (to be performed by City as part of Traffic Signal Project)

					TOTAL PROJECT	
Item	Description	Unit Price	Unit	Quantity	Total	
MOBILIZATION						
105-01	Line & Grade Survey	\$18,000.00	LS		\$18,000.00	
717-01S	Mobilization	\$76,000.00	LS		\$76,000.00	
712-01S	Traffic Control	\$67,000.00	LS		\$67,000.00	
712-02.02	Interconnected Portable Barrier Rail	\$42.00	LF	300	\$12,600.00	
712-04.01	Flexible Drums (Channelizing)	\$47.30	EA	60	\$2,838.00	
712-06	Signs (Construction)	\$12.60	SF	138	\$1,738.80	
712-07.03	Temporary Barricades (Type III)	\$31.50	LF	50	\$1,575.00	
714-26.05	Temporary Roadway Lighting	\$10,500.00	LS		\$10,500.00	
722-01.01	Field Office (Type I)	\$26,250.00	LS		\$26,250.00	
					\$216,501.80	
DEMOLITION AND REMOVAL						
202-03	Removal of Sidewalk	\$15.80	SY	3185	\$50,323.00	
202-03.01S	Removal of Pavement (Driveway)	\$15.80	SY	262	\$4,139.60	
202-03.02S	Removal of Pavement (Roadway)	\$31.50	CY	1997	\$62,905.50	
202-04.01S	Removal of Structures (Poles)	\$525.00	EA	31	\$16,275.00	
202-08.10	Removal of Curb	\$7.90	LF	3965	\$31,323.50	
202-04.03S	Miscellaneous Site Items Removal	\$10,500.00	LS		\$10,500.00	
202-04.04S	Removal of Tree	\$420.00	EA	2	\$840.00	
					\$176,306.60	
EROSION PREVENTION AND SEDIMENT CONTROL						
209-08.03	Temporary Silt Fence (Without Backing)	\$5.30	LF	500	\$2,650.00	
209-09.41	Curb Inlet Protection (Type 2)	\$262.50	EA	18	\$4,725.00	
801-01.07S	Temporary Seeding (With Mulch)	\$5.30	SY	100	\$530.00	
					\$7,905.00	
EARTHWORK						
203-05S	Undercutting	\$73.50	CY	200	\$14,700.00	
603-05.20	Containment and Disposal of Waste	\$210.00	CY	500	\$105,000.00	
					\$119,700.00	
ASPHALT CONCRETE PAVING						
303-01.09	Mineral Aggregate, Type A Base, Grading D Limestone	\$26.80	TON	343	\$9,192.40	
306-01.01	Portland Cement Concrete Base (Plain) 6"	\$84.00	SY	616	\$51,744.00	
403-01	Bituminous Material for Tack Coat (TC) @ 0.07 GAL./S.Y.	\$1,155.00	TON	0.15	\$175.56	
403-02	Asphalt Cement for Tack Coat (TC) @ 0.05 GAL./S.Y.	\$1,155.00	TON	0.11	\$124.74	
411-02.10	ACS MIX (PG70-22) Grading D	\$168.00	TON	40	\$6,720.00	
					\$67,956.70	
PORTLAND CEMENT CONCRETE PAVEMENT						
701-01.01S	Concrete Sidewalk (4")	\$11.60	SF	21162	\$245,479.20	
701-02.02S	Concrete Sidewalk (6")	\$12.60	SF	8311	\$104,718.60	
701-02.03S	Concrete Curb Ramp	\$15.80	SF	2850	\$45,030.00	
702-01.02S	Concrete Curb (Type 'A')	\$21.00	LF	200	\$4,200.00	
702-01.03S	Planter Curb	\$24.20	LF	1132	\$27,394.40	
702-03S	Concrete Combined Curb & Gutter Type 6-30	\$26.30	LF	4324	\$113,721.20	
604-10.05S	Concrete Integral Step	\$2,100.00	CY	3	\$6,300.00	
604-10.06S	Concrete Steps	\$2,100.00	CY	3	\$6,300.00	
604-10.07S	Integral Concrete Ramp and Steps	\$1,575.00	CY	13	\$20,475.00	
					\$573,618.40	

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MISCELLANEOUS SITE IMPROVEMENTS					
930-05S	Ornamental Handrail	\$236.30	LF	74	\$17,486.20
930-16S	Retaining Wall with Stone Veneer On One Side	\$157.50	SF	120	\$18,900.00
930-17S	Retaining Wall with Stone Veneer on Both Sides	\$168.00	SF	44	\$7,392.00
930-18S	Canopy Column footing	\$2,100.00	EA	4	\$8,400.00
					\$52,178.20
PAVEMENT MARKINGS					
716-05.03	Painted Pavement Marking (Cross-Walk)	\$1.60	LF	3110	\$4,976.00
716-05.05	Painted Pavement Marking (Stop Line)	\$5.30	LF	215	\$1,139.50
716-08.01	Removal of Pavement Marking (Line)	\$1.60	LF	3110	\$4,976.00
					\$11,091.50
DRAINAGE-CATCH BASINS AND MANHOLES					
790-42.10S	4 IN DIA PVC Pipe	\$10.50	LF	30	\$315.00
611-01.20	Adjustment of Existing Manhole	\$1,050.00	EA	1	\$1,050.00
611-05.01S	Trench Drains	\$262.50	LF	66	\$17,325.00
611-09.01	Adjustment of Existing Catchbasin	\$1,050.00	EA	6	\$6,300.00
					\$24,990.00
SUBTOTAL CONSTRUCTION COSTS (BASE BID)					\$1,250,248.20
Contingency (10% of Construction Costs)					\$125,025.00
TOTAL CONSTRUCTION COSTS					\$1,375,273.20
Construction Administration / Full Time Resident Project Representative (15% of Total Construction Costs)					\$206,291.00
TOTAL					\$1,581,564.20