

Crossville Downtown Sidewalk Replacement Project

Opinion of Probable Construction Costs

March 12, 2015



Item	Description	Unit Price	Unit	TOTAL PROJECT	
				Quantity	Total
MOBILIZATION					
105-01	Line & Grade Survey	\$10,000.00	LS		\$10,000.00
717-01S	Mobilization	\$50,000.00	LS		\$50,000.00
712-01S	Traffic Control	\$40,000.00	LS		\$40,000.00
					\$100,000.00
DEMOLITION AND REMOVAL					
202-03	Removal of Sidewalk	\$35.00	SY	3434	\$120,190.00
202-03.01S	Removal of Pavement (Driveway)	\$7.00	SY	230	\$1,610.00
202-03.02S	Removal of Pavement (Roadway)	\$30.00	CY	1165	\$34,950.00
202-08.10	Removal of Curb	\$5.00	LF	4838	\$24,190.00
					\$180,940.00
EROSION PREVENTION AND SEDIMENT CONTROL					
	Erosion Prevention and Sediment Control	\$10,000.00	LS		\$10,000.00
					\$10,000.00
ASPHALT CONCRETE PAVING					
303-01.09	Mineral Aggregate, Type A Base, Grading D Limestone	\$25.50	TON	606	\$15,453.00
307-01.01	Asphalt Concrete Mix (PG64-22) (BPMB-HM) Grading A	\$105.00	TON	197	\$20,685.00
307-01.08	Asphalt Concrete Mix (PG64-22) (BPMB-HM) Grading B-M2	\$125.00	TON	129	\$16,125.00
402-01	Bituminous Material for Prime Coat (PC) @ 0.30-0.35 GAL./S.Y.	\$550.00	TON	2	\$1,100.00
402-02	Aggregate for Cover Material (PC) @ 8-12 LB./S.Y.	\$55.00	TON	7	\$385.00
403-01	Bituminous Material for Tack Coat (TC) @ 0.07 GAL./S.Y.	\$800.00	TON	0.35	\$280.00
403-02	Asphalt Cement for Tack Coat (TC) @ 0.05 GAL./S.Y.	\$1,000.00	TON	0.25	\$250.00
411-02.10	ACS MIX (PG70-22) Grading D	\$150.00	TON	76	\$11,400.00
					\$65,678.00
DECORATIVE WALKWAYS					
920-02.10S	ADA Compliant Detectable Warning Panels on 4" Thick Concrete Base	\$40.00	SF	272	\$10,880.00
					\$10,880.00
PORTLAND CEMENT CONCRETE PAVEMENT					
701-01.01S	Concrete Sidewalk (4")	\$10.00	SF	21347	\$213,470.00
701-02.02S	Concrete Sidewalk (6")	\$11.00	SF	11424	\$125,664.00
702-01.03S	Planter Curb	\$35.00	LF	917	\$32,095.00
702-03S	Concrete Combined Curb & Gutter Type 6-30	\$30.00	LF	4838	\$145,140.00
604-10.05S	Concrete Integral Step	\$2,200.00	CY	3	\$6,600.00
604-10.06S	Concrete Steps	\$2,200.00	CY	3	\$6,600.00
604-10.07S	Integral Concrete Ramp and Steps	\$1,650.00	CY	6	\$9,900.00
					\$539,469.00
MISCELLANEOUS SITE IMPROVEMENTS					
930-16S	Retaining Wall with Stone Veneer On One Side	\$100.00	SF	55	\$5,500.00
930-17S	Retaining Wall with Stone Veneer on Both Sides	\$110.00	SF	22	\$2,420.00
930-18S	Canopy Column footing	\$1,750.00	EA	4	\$7,000.00
					\$14,920.00
SIGNAGE					
713-11.02S	Knockout Square Tube Post	\$22.00	LB	2282	\$50,204.00
713-13.02S	Flat Sheet Aluminum Signs (0.080" Thick)	\$25.00	SF	360	\$9,000.00
713-25S	Sign Frame	\$55.00	SF	251	\$13,805.00
					\$73,009.00
ELECTRICAL LIGHTING					
	Reform Existing Light Pole Concrete Base	\$500.00	EA	30	\$15,000.00
					\$15,000.00

Crossville Downtown Sidewalk Replacement Project

Opinion of Probable Construction Costs

March 12, 2015



SUBTOTAL CONSTRUCTION COSTS (BASE BID)	TOTAL PROJECT
Contingency (20% of Total Construction Costs)	\$1,009,896.00
	\$201,979.00
TOTAL CONSTRUCTION COSTS	\$1,211,875.00

NOTES:

1. Above opinion of probable construction costs based upon 04-01-14 Bid Tabs for Downtown Revitalization Project.
2. Above opinion of probable construction costs based upon Preliminary Sidewalk Study.
3. Preliminary Sidewalk Study anticipates asphalt roadway surface being lowered approximately 2-inches via milling and resurfacing project to be performed by TDOT.
4. Above opinion of probable construction costs include 2-foot wide full depth asphalt repair adjacent to Combined Curb & Gutter.
5. Above opinion of probable construction signage quantities based upon original Downtown Revitalization Project.
6. A portion of the contingency would be used for landscaping in curb extensions.

ALTERNATE ITEMS

ADD ALTERNATE NO. 1 - Install new pedestrian scale lighting similar to what was originally proposed.				
MOBILIZATION				
105-01	Line & Grade Survey	\$7,500.00	LS	\$7,500.00
717-01S	Mobilization	\$10,000.00	LS	\$10,000.00
712-01S	Traffic Control	\$10,000.00	LS	\$10,000.00
ELECTRICAL LIGHTING				
	Proposed Underground Electrical Conduit System	\$450,000.00	LS	\$450,000.00
	Single Light Pole (Pedestrian Style)	\$11,500.00	EA	21 \$241,500.00
	Double Light Pole (Pedestrian Style)	\$14,000.00	EA	37 \$518,000.00
	Reform Existing Light Pole Concrete Base	\$500.00	EA	(30) (\$15,000.00)
TOTAL ADD ALTERNATE NO. 1 COSTS				\$1,222,000
Contingency (20% of Total Construction Costs)				\$244,400.00
TOTAL CONSTRUCTION COSTS				\$1,466,400.00
SUBTOTAL CONSTRUCTION COSTS (BASE BID)				\$1,211,875.00
Total (Including Alternate No. 1)				\$2,678,275.00
NOTES:				
1. Above Proposed Underground Electrical System costs based upon original Downtown Revitalization Project.				
2. Above Light Pole quantities/costs based upon original Downtown Revitalization Project.				

ADD ALTERNATE NO. 2 - Install new taller/painted poles and luminaires similar in scale to existing lighting.				
MOBILIZATION				
105-01	Line & Grade Survey	\$7,500.00	LS	\$7,500.00
717-01S	Mobilization	\$10,000.00	LS	\$10,000.00
712-01S	Traffic Control	\$10,000.00	LS	\$10,000.00
ELECTRICAL LIGHTING				
	Proposed Underground Electrical Conduit System	\$450,000.00	LS	\$450,000.00
	Single Light Pole (Vehicular Style)	\$16,500.00	EA	30 \$495,000.00
	Reform Existing Light Pole Concrete Base	\$500.00	EA	(30) (\$15,000.00)
TOTAL ADD ALTERNATE NO. 2 COSTS				\$957,500
Contingency (20% of Total Construction Costs)				\$191,500.00
TOTAL CONSTRUCTION COSTS				\$1,149,000.00
SUBTOTAL CONSTRUCTION COSTS (BASE BID)				\$1,211,875.00
Total (Including Alternate No. 2)				\$2,360,875.00
NOTES:				
1. Above Proposed Underground Electrical System costs based upon original Downtown Revitalization Project.				
2. Above Light Pole quantities based upon existing light pole locations.				