## **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)

Item     Description     Unit Price     Unit Price     Unit Price     Unit Price       MOBIL/ZATION     Normal Cast Cast Cast Cast Cast Cast Cast Cast	<u> </u>				TOTAL PROJECT		
105-01Line & Ginde SarveyS18,000,00LSS18,000,00717-018Yaffic Control\$76,000,00LS\$76,000,00712-020Interconnected Portable Barrier Rail\$42,00LF\$00\$32,600,00712-040Sitexible Druns (Channelizing)\$47,30EA60\$52,838,00712-040Sitexible Druns (Channelizing)\$12,00SF518\$17,38\$17,38712-07,03Temporary Barriedes (Type II)\$10,500,00LS\$25,250,00\$25,250,00712-08Pemorary Barriedes (Type I)\$26,250,00S\$55,05,353,00712-08Removal of Sidewalk\$15,80\$Y315,5\$53,323,00202-0301Removal of Sidewalk\$15,80\$Y\$26,590,50\$26,590,50202-0403Removal of Pavement (Driveway)\$31,50CY\$97\$62,995,50202-0403Removal of Cub\$79,000\$25,50\$4,133,600\$20,000202-0403Removal of Cub\$79,000\$25,50\$15,50,000\$20,000202-0403Removal of Cub\$79,000\$15,80\$1\$47,500202-0403Removal of Cub\$53,00\$1\$30,000\$20,000	Item	Description	<b>Unit Price</b>	Unit	Quantity	Total	
105-01Line & Ginde Survey\$18,000.00LS\$18,000.00717-018Moliization\$76,000.00LS\$76,000.00712-020Interconnected Portable Barrier Rail\$42.00LF\$00\$32,000.00712-040Ficcible Drums (Channelizing)\$47.30EA60\$52,838.00712-040Signs (Construction)\$12.60\$12.60\$18\$17.38\$17.38712-07.03Temporary Barriedes (Type II)\$13.00LS\$15.00\$15.00\$17.38712-08.03Pemorary Barriedes (Type II)\$10.50.00LS\$25.20.00\$22.20.00\$15.80\$15.80\$15.80\$15.80\$15.80\$15.80\$15.80\$15.80\$15.80\$15.80\$15.80\$15.80\$10.50.000\$20.20.01\$15.80\$10.50.00\$20.20.10\$15.80\$10.50.00\$20.20.10\$10.50.00\$20.20.10\$10.50.00\$20.20.10\$10.50.00\$20.20.10\$10.50.00\$20.20.10\$10.50.00\$20.20.10\$10.50.00\$20.20.10\$10.50.00\$20.20.10\$10.50.00\$20.20.10\$10.50.00\$20.20.10\$10.50.00\$20.20.10\$10.50.00\$20.20.10\$10.50.00\$20.20.10\$10.50.00\$20.20.10\$10.50.00\$20.20.10\$10.50.00		MOBILIZATION					
717-018     Mobilization     \$76,000.00     LS     \$76,000.00       712-018     Tinfic Control     \$67,000.00     LS     \$567,000.00       712-020     Interconnected Parlable Barrier Rail     \$42.00     LF     300     \$52,838.00       712-040     Flexible Dimms (Channelizing)     \$47.30     EX     60     \$52,838.00       712-040     Signs (Construction)     \$31.50     LF     \$50     \$1,575.00       712-050     Temporary Badricades (Type III)     \$31.50     LS     \$10,000.00     \$5       712-040     Field Office (Type I)     \$32.65.00     LS     \$50,500.00     \$252.50.00     \$252.50.00       712-040     Fendoral of Pavement (Driveway)     \$15.80     SY     326     \$41.319.60       202-03010     Removal of Structures (Poles)     \$52.50     EX     31     \$16,217.03       202-04010     Removal of Cuab     \$51.50     SY     315.6     \$51.50.00       202-04010     Removal of Cuab     \$52.50     EX     31     \$62,730.00       202-040108     Removal of Cuab     <	105-01		\$18.000.00	LS		\$18.000.00	
712-018   Tarffic Control   \$67,000.00   LS   \$67,000.00     712-020   Interconnected Portable Barrier Rail   \$842.00   1.F   300   \$12,60.00     712-040   Signs (Construction)   \$12,60   SF   1.83   \$1,73.88.0     712-040   Temporary Barcades (Type II)   \$31.50   LF   50   \$10,500.00     712-010   Field Office (Type I)   \$26,20.00   LS   \$10,500.00     722-010   Field Office (Type I)   \$26,20.00   LS   \$10,500.00     722-010   Removal of Pavement (Driveway)   \$15.80   SY   128   \$50,232.00     702-030   Removal of Pavement (Roadway)   \$15.80   SY   128   \$51,575.00     702-040 IS   Removal of Curbonts (Roleway)   \$15.80   SY   128   \$51,575.00     702-040 IS   Removal of Curbonts (Roleway)   \$15.80   SY   128   \$51,575.00     702-040 IS   Removal of Curbonts (Roleway)   \$15.80   SY   128   \$51,575.00     702-040 IS   Removal of Curbonts (Roleway)   \$15.50   F   \$13   \$1,575.00     702-040 IS		-					
1712-02.02   interconnected Portable Barrier Rail   \$42.00   LF   300   \$12.60.00     1712-04   Fixuble Drums (Channelizing)   \$12.60   \$12.80.00						· · · · · · · · · · · · · · · · · · ·	
1712-000Fax1s0 EA60052.38.00712-000Temporary Barriades (Type III)\$31.501.5\$0712-001Temporary Barriades (Type III)\$31.501.5\$10.500.00722-010Fiel Offic (Type I)\$10.500.001.5\$10.500.00722-010Fiel Offic (Type I)\$10.500.001.5\$10.500.00722-010Fiel Offic (Type I)\$10.500.001.5\$10.500.00722-010Removal of Stedwalk\$15.80\$Y3185\$50.323.00702-030Removal of Pavement (Driveway)\$15.80\$Y\$190\$62.905.00702-0403Removal of Pavement (Roadway)\$52.500EA31\$16.275.00702-0403Removal of Curb\$10.500.001.5\$10.500.00\$10.500.00702-0403Removal of Curb\$10.500.001.5\$10.500.00\$10.500.00702-0403Kineclaneous Site Items Removal\$21.500EA31\$16.275.00702-0403Kineclaneous Site Items Removal\$21.500EA18\$47.250.00702-0403Kineclaneous Site Items Removal\$22.620EA18\$44.725.00702-0403Kinel Inder Potection (Type 2)\$22.520EA18\$44.725.00700-0404Curb Inder Potection (Type 2)\$22.520EA18\$44.725.00700-0404Curb Inder Potection (Type 2)\$22.600CY\$00\$15.700.00700-0404Curb Inder Potection (Type 2)\$15.700.00\$14.700.00\$15.700.70 <t< td=""><td></td><td></td><td>. ,</td><td></td><td>300</td><td>· · · · · · · · · · · · · · · · · · ·</td><td></td></t<>			. ,		300	· · · · · · · · · · · · · · · · · · ·	
712-06     Signs (Construction)     \$12.60     SF     1.38     \$1,738.80       712-00.10     Temporary Barricades (Typ III)     \$31.50     LF     50     \$10,500.00       712-20.10     Field Office (Typ I)     \$26,250.00     LS     \$26,250.00       722-01.01     Field Office (Typ I)     \$26,250.00     LS     \$26,50.00       702-03.01     Removal of Sidewalk     \$15.80     SY     202.03       702-03.01     Removal of Sidewalk     \$15.80     SY     202.03       702-04.01     Removal of Structures (Poles)     \$31.50     CY     1997     \$82,205.50       702-04.018     Removal of Curb     \$7.70     LF     3965     \$31,323.50       702-04.018     Removal of Curb     \$7.50     LF     \$31.65     \$31,323.50       702-04.018     Removal of Curb     \$57.50     LF     \$30.60     \$31.55       702-04.018     Removal of Curb     \$57.50     LF     \$50.50     \$31.52.50       702-04.018     Removal of Curb     \$57.50     LF     \$50.00     \$51.60.00 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>							
1712-07.03   Temporary Barricades (Type III)   \$31.50   LF   50   \$1,575.00     714-26.05   Temporary Roadway Lighing   \$10,500.00   LS   \$26,250.00   LS   \$26,250.00     722-01.0   Field Office (Type I)   \$26,250.00   LS   \$26,50.30   \$26,50.00     720-03.01   Removal of Stacwalk   \$15.80   SY   3185   \$55,323.00     702-03.01   Removal of Pavement (Driveway)   \$31.50   CY   1997   \$62,005.00     702-04.01   Removal of Structures (Poles)   \$525.00   EA   31   \$16,275.00     702-04.03   Removal of Curb   \$79.00   LF   \$10,50.00   \$10.00   \$10.00     702-04.03   Micellaneous Site Items Removal   \$110,50.00   LS   \$10.50.00   \$10.00   \$10.00   \$10.00   \$10.00   \$10.00   \$10.00.00   \$10.00   \$10.00   \$10.00   \$10.00   \$10.00   \$10.00   \$10.00   \$10.00   \$10.00   \$10.00.00   \$10.00   \$10.00   \$10.00   \$10.00   \$10.00   \$10.00   \$10.00   \$10.00   \$10.00   \$10.00   \$10.00   \$10.00   \$10.0						· · · · · · · · · · · · · · · · · · ·	
11-26.05     Temporary Roadway Lighting     \$10,500.00     LS     \$10,500.00       722-01.01     Field Office (1yp 1)     22     50     22       722-01.01     Field Office (1yp 1)     22     50.00     LS     50.00.00       722-01.01     Removal of Neement (Driveway)     \$15.80     SY     31.65     \$50.00.00     LS     \$50.00.00       202-03.01S     Removal of Pavement (Roadway)     \$31.50     CY     1997     \$62.00.50     \$50.00.00     LS     \$10.00.00     LS     \$10.00.00     \$50.00     \$10.00.00     LS     \$10.00.00     \$1							
722-01.01     Field Office (Type I)     \$26,250.00     LS     \$26,250.00       DEMOLITION AND REMOVAL.     515.80     SY     3185     \$50,323.00       202-03.015     Removal of Sidewalk     \$15.80     SY     2165     \$50,323.00       202-03.025     Removal of Pavement (Driveway)     \$31,50     CY     1997     \$56,205.50       202-04.015     Removal of Structures (Poles)     \$525.200     EA     31     \$16,275.00       202-04.015     Menoval of Tree     \$242.000     EA     2     \$810,500.00       202-04.035     Menoval of Tree     \$242.000     EA     2     \$840.00       202-04.045     Removal of Tree     \$242.000     EA     2     \$840.00       202-04.045     Menoval of Tree     \$242.00     EA     18     \$47,25.0       209-049.41     Cub Inde Protection (Type 2.0)     \$26,5.00     EX     \$16.50     \$2,65.00       \$20-09.03     Cub Inde Protection (Type 2.0)     \$26,5.00     \$27,905.00     \$2,905.00       \$20-09.04     Cub Inde Protection (Type 2.0)     \$26,8.00     C							
ENDIGENTION AND REMOVAL     S216,501.80       202-03.018     Removal of Sidewalk     \$15.80     SY     3185     \$50,323.00       202-03.018     Removal of Pavement (Driveway)     \$15.80     SY     262     \$4,139.60       202-03.018     Removal of Pavement (Driveway)     \$31.50     CV     1997     \$62,905.50       202-04.018     Removal of Curb     \$52,00     EA     31     \$16,275.00       202-04.018     Removal of Curb     \$57.00     EA     31     \$16,275.00       202-04.018     Removal of Tree     \$10,500.00     EA     \$31,332.50     \$10,500.00       202-04.048     Removal of Tree     \$420.00     EA     \$84.00     \$16,306.60       202-04.018     Removal of Tree     \$10,500.01     \$2     \$840.00     \$2     \$840.00       202-04.018     Removal Stree (Without Backing)     \$5.30     EF     \$500     \$2,550.00       209-09.41     Curb Intel Protection (Type 2)     \$262.50     EA     18     \$4,725.00       203-055     Containment and Disposal of Waste     \$51.00     CY<							
DEMOLITION AND REMOVAL     S <ths< th="">     S     S     S</ths<>			• • • • • • • • •			* • • • • • • • •	\$216,501.80
202-03.018     Removal of Pavement (Driveway)     \$15.80     SY     262     \$4,139.60       202-03.028     Removal of Pavement (Roadway)     \$31.50     CY     1997     \$\$62,905.50       202-04.038     Removal of Curb     \$525.00     EA     31     \$16.275.00       202-04.038     Miscellaneous Site Items Removal     \$10.500.00     LS     \$10.500.00       202-04.037     Temporary Sit Fence (Without Backing)     \$5.30     LF     500     \$2,650.00       209-09.41     Curb Inter Protection (Type 2)     \$262.50     EA     18     \$4,725.00       209-09.41     Curb Inter Protection (Type 2)     \$262.50     FA     18     \$4,725.00       203-058     Undercutting     \$73.50     CY     200     \$14,700.00       603-05.02     Contatinent and Disposa		DEMOLITION AND REMOVAL					
202-03.025     Removal of Pavement (Roadway)     \$31.50     CY     1997     \$62,905.50       202-04.015     Removal of Structures (Poles)     \$525.00     EA     31     \$16,275.00       202-04.035     Miscellaneous Site Items Removal     \$10,500.00     L.F     3963     \$13,323.50       202-04.045     Removal of Tree     \$10,500.00     E.A     2     \$840.00       202-04.045     Removal of Tree     \$10,500.00     E.A     2     \$840.00       202-04.045     Removal of Tree     \$10,500.00     E.A     18     \$4,725.00       209-08.03     Temporary Silt Fence (Without Backing)     \$26,250     EA     18     \$4,725.00       209-09.04     Curb Inder Protection (Type 2)     \$262.50     EA     18     \$4,725.00       203-055     Undercutting     \$31,320.01     \$53.00     \$14,900.00     \$57.50.00       603-052     Containment and Disposal of Waste     \$210.00     \$14     \$119,00.00       303-01.09     Mineral Aggregate, Type A Base, Grading D Limestone     \$26.80     TON     \$343     \$9,192.40	202-03	Removal of Sidewalk	\$15.80	SY	3185	\$50,323.00	
202-04.01S     Removal of Structures (Poles)     \$\$252.00     EA     31     \$\$16,275.00       202-04.03     Removal of Curb     \$7,790     1.F     3965     \$\$33,323.50       202-04.043     Miscellancous Site Items Removal     \$\$10,500.00     LS     \$\$10,500.00     LS     \$\$10,500.00       202-04.043     Removal of Tree     \$\$10,500.00     LS     \$\$804.00     \$\$10,500.00     LS     \$\$10,500.00     LS     \$\$176,306.60       202-04.043     Temporary Stil Fence (Without Backing)     \$\$5.30     LF     \$\$00     \$\$2,650.00     \$\$2,650.00       209-09.01     Curb Inlet Protection (Type 2)     \$\$262.50     EA     18     \$\$4,725.00       801-01.07     Temporary Seeding (With Mulch)     \$\$53.0     SY     100     \$\$14,700.00       603-05.0     Undercutting     \$\$73.50     CY     200     \$\$14,700.00       603-05.0     Undercutting     \$\$14.00     \$\$10,500.00     \$\$10,500.00     \$\$119,700.00       303-01.0     Portland Cement Concrete Base (Plain) 6"     \$\$84.00     \$Y     616     \$\$51,74.00     \$\$119,700.00 <td>202-03.01S</td> <td>Removal of Pavement (Driveway)</td> <td>\$15.80</td> <td>SY</td> <td>262</td> <td>\$4,139.60</td> <td></td>	202-03.01S	Removal of Pavement (Driveway)	\$15.80	SY	262	\$4,139.60	
202-08.10     Removal of Curb     \$7.90     LF     3965     \$\$31,323.50       202-04.035     Miscellaneous Site Items Removal     \$\$10,500.00     LS     \$\$10,500.00       202-04.035     Removal of Tree     \$\$40.00     EA     2     \$\$840.00       202-08.03     Temporary Siti Fence (Without Backing)     \$\$5.30     LF     500     \$\$2,650.00       209-09.01     Curb Inlet Protection (Type 2)     \$\$26.250     EA     18     \$\$4,725.00       801-01.075     Temporary Seeding (With Mulch)     \$\$25.50     EA     18     \$\$4,725.00       203-058     Undercutting     \$\$73.50     CY     200     \$\$14,700.00       603-05.20     Containment and Disposal of Waste     \$\$210.00     CY     \$500     \$\$119,700.00       303-01.09     Mineral Aggregate, Type A Base, Grading D Limestone     \$\$26.80     TON     343     \$\$9,192.40       303-01.09     Mineral Aggregate, Type A Base, Grading D Limestone     \$\$26.80     TON     343     \$\$9,192.40       303-01.01     Portland Cement for Tack Coat (TC) @ 0.07 GAL/S.Y.     \$1,155.00     TON     0.11 <td>202-03.02S</td> <td>Removal of Pavement (Roadway)</td> <td>\$31.50</td> <td>CY</td> <td>1997</td> <td>\$62,905.50</td> <td></td>	202-03.02S	Removal of Pavement (Roadway)	\$31.50	CY	1997	\$62,905.50	
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       202-04.04S     Removal of Tree     \$176,306.60     \$176,306.60       EROSION PREVENTION AND SEDIMENT CONTROL     \$5.30     LF     500     \$2,650.00       209-09.03     Temporary Silt Fence (Without Backing)     \$25.30     LF     500     \$2,650.00       209-09.04     Curb Inlet Protection (Type 2)     \$262.50     EA     18     \$4,725.00       801-01.07     Temporary Seeding (With Mulch)     \$5.30     SY     100     \$530.00       603-052     Contarment and Disposal of Waste     \$200.00     CY     200     \$14,700.00       603-052     Contarment and Disposal of Waste     \$26.80     TON     343     \$9,192.40       303-01.09     Mineral Aggregate, Type A Base, Grading D Limestone     \$26.80     TON     343     \$9,192.40       306-01.01     Portland Cement for Tack Coat (TC) @ 0.07 GAL/S.Y.     \$1,155.00     TON     0.11     \$124.74       411-02.10	202-04.01S	Removal of Structures (Poles)	\$525.00	EA	31	\$16,275.00	
202-04.04S     Removal of Tree     \$420.00     EA     2     \$840.00       EROSION PREVENTION AND SEDIMENT CONTROL     \$176,306.60     \$176,306.60       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       603-05.20     Contaiment and Disposal of Waste     \$73.50     CY     200     \$14,700.00       603-05.20     Contaiment and Disposal of Waste     \$73.50     CY     200     \$119,700.00       603-05.20     Contaiment and Disposal of Waste     \$26.80     TON     343     \$9,192.40       303-01.09     Mineral Aggregate, Type A Base, Grading D Limestone     \$26.80     TON     343     \$9,192.40       403-01     Bituminous Material for Tack Coat (TC) @ .0.07 GAL/S.Y.     \$1,155.00     TON     0.11     \$124.74       411-02.10     ACS MIX (PG70-22) Grading D     \$168.00     TON     0.11     \$124.74 <t< td=""><td>202-08.10</td><td>Removal of Curb</td><td>\$7.90</td><td>LF</td><td>3965</td><td>\$31,323.50</td><td></td></t<>	202-08.10	Removal of Curb	\$7.90	LF	3965	\$31,323.50	
SIT	202-04.03S	Miscellaneous Site Items Removal	\$10,500.00	LS		\$10,500.00	
EROSION PREVENTION AND SEDIMENT CONTROL       209-08.01     Temporary Sili Fence (Without Backing)     \$5.30     LF     500     \$2,65.00       209-08.01     Curb Inlet Protection (Type 2)     \$5.30     SC     A     18     \$4,725.00       801-01.02     Carporary Seeding (With Mulch)     \$5.30     SC     A     18     \$4,725.00       801-01.02     Carporary Seeding (With Mulch)     \$5.30     SC     A     18     \$4,725.00       703-05.01     Carporary Seeding (With Mulch)     \$5.30     SC     Y     200     \$14,700.00       703-05.01     Containment and Disposal of Waste     \$73.50     CY     200     \$14,700.00       703-01.01     Micrear Aggregate, Type A Base, Grading D Limestone     \$26.80     TON     343     \$9,192.40       305-01.01     Portland Cement for Tack Codt (TC) @ 0.07 GAL/S.Y.     \$1,155.00     TON     0.15     \$175.56       401-02     SoftALT CONCRETE PAVEMENT     \$1     \$16.80     TON     \$40     \$67,205.01       701-01.01     Goncrete Sidewalk (G')     \$11.61     \$F     \$21.60 <td< td=""><td>202-04.04S</td><td>Removal of Tree</td><td>\$420.00</td><td>EA</td><td>2</td><td>\$840.00</td><td></td></td<>	202-04.04S	Removal of Tree	\$420.00	EA	2	\$840.00	
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       801-01.075     Temporary Seeding (With Mulch)     \$5.30     SY     100     \$530.00       600-00     EARTHWORK     57.30     CY     200     \$14,700.00       603-05.20     Containment and Disposal of Waste     \$210.00     CY     500     \$105,000.00       603-05.20     Containment and Disposal of Waste     \$210.00     CY     500     \$105,000.00       700-00     Mineral Aggregate, Type A Base, Grading D Limestone     \$26.80     TON     343     \$9,192.40       306-01.01     Portland Cement for Tack Coat (TC) @ 0.07 GAL/S.Y.     \$1,155.00     TON     0.15     \$175.55       403-02     Asphal Cement for Tack Coat (TC) @ 0.05 GAL/S.Y.     \$1,155.00     TON     0.15     \$175.56       401-02     SORTLAND CEMENT CONCRETE PAVEMENT     \$67,956.70     \$21.00     \$40     \$67,956.70       701-02.025     Concrete Sidewalk (4")     \$11.60     \$F							\$176,306.60
209-09.41     Cub Inlet Protection (Type 2)     \$262.50     EA     18     \$4,725.00       801-01.075     Temporary Seeding (With Mulch)     \$5.30     \$Y     100     \$530.00       203-055     Undercutting     \$73.50     CY     200     \$14,700.00       603-05.20     Containment and Disposal of Waste     \$210.00     CY     500     \$105,000.00       703-01.09     Mineral Aggregate, Type A Base, Grading D Limestone     \$26.80     TON     343     \$\$9,192.40       303-01.09     Mineral Aggregate, Type A Base, Grading D Limestone     \$84.00     SY     616     \$\$17,40.00       403-01.01     Portland Cement Concrete Base (Plain) 6"     \$84.00     SY     616     \$\$17,44.00       403-02     Asphalt Cement for Tack Coat (TC) @ 0.07 GAL/S.Y.     \$\$1,155.00     TON     0.11     \$\$124.74       411-02.10     ACS MIX (PG70-22) Grading D     \$\$168.00     TON     0.11     \$\$124.74       411-02.10     ACS MIX (PG70-22) Grading D     \$\$168.00     TON     0.11     \$\$124.74       411-02.10     ACS MIX (PG70-22) Grading D     \$\$168.00     TON<		EROSION PREVENTION AND SEDIMENT CONTROL					
801-01.07S   Temporary Seeding (With Mulch)   \$5.30   SY   100   \$530.00     801-01.07S   EARTHWORK   \$73.50   CY   200   \$14,700.00     203-05S   Undercutting   \$73.50   CY   200   \$14,700.00     603-05.20   Containment and Disposal of Waste   \$210.00   CY   200   \$14,700.00     703-01.09   Mineral Aggregate, Type A Base, Grading D Limestone   \$26.80   TON   343   \$9,192.40     303-01.09   Mineral Aggregate, Type A Base, Grading D Limestone   \$26.80   TON   343   \$9,192.40     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   4.01   \$67,956.70     701-01.01S   Concrete Sidewalk (4")   \$11.60   \$F   \$131   \$104,718.60     701-02.02S   Concrete Sidewalk (6")   \$15.80   \$F   \$250   \$45,030.00     701-02.02S   Concrete Curb Ramp   <	209-08.03	Temporary Silt Fence (Without Backing)	\$5.30	LF	500	\$2,650.00	
EARTHWORK     573.50     CY     200     \$14,700.00       603-05.20     Containment and Disposal of Waste     \$210.00     CY     500     \$105,000.00       603-05.20     Containment and Disposal of Waste     \$210.00     CY     500     \$119,700.00       ASPHALT CONCRETE PAVING     \$343     \$9,192.40     \$119,700.00       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     \$66,7956.70       701-01.01S     Concrete Sidewalk (4")     \$11.60     SF     \$21162     \$245,479.20       701-02.02S     Concrete Curb Ramp     \$15.80     SF     2850     \$45,030.00       702-01.02S     Concrete Curb (Type 'A')     \$21.00     LF     200     \$4,200.00       702-01.02S	209-09.41	Curb Inlet Protection (Type 2)	\$262.50	EA	18	\$4,725.00	
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       603-05.20     SPHALT CONCRETE PAVING     \$119,700.00     \$119,700.00       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     \$67,956.70       701-01.015     Concrete Sidewalk (4")     \$11.60     SF     \$211.62     \$245,479.20       701-02.025     Concrete Curb Ramp     \$15.80     SF     2850     \$45,030.00       701-02.035     Concrete Curb Ramp     \$15.80     SF     <	801-01.07S	Temporary Seeding (With Mulch)	\$5.30	SY	100	\$530.00	
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       603-05.20     Containment and Disposal of Waste     \$210.00     CY     500     \$105,000.00       603-05.20     Mineral Aggregate, Type A Base, Grading D Limestone     \$26.80     TON     343     \$9,192.40       303-01.09     Mineral Aggregate, Type A Base, Grading D Limestone     \$84.00     \$Y     616     \$51,744.00       403-01     Portland Cement Concrete Base (Plain) 6"     \$84.00     \$Y     616     \$51,744.00       403-02     Asplat Cement for Tack Coat (TC) @ 0.07 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       701-01.01S     Concrete Sidewalk (4")     \$11.60     \$F     \$21162     \$245,479.20       701-02.02S     Concrete Curb Kamp     \$15.00     TON     40     \$6,720.00       701-01.01S     Concrete Curb Kamp     \$11.60     \$F     \$21.60<							\$7,905.00
603-05.20   Containment and Disposal of Waste   \$210.00   CY   500   \$105,000.00     ASPHALT CONCRETE PAVING   \$119,700.00     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   \$67,956.70     701-01.01S   Concrete Sidewalk (4")   \$11.60   SF   \$21162   \$245,479.20     701-02.02S   Concrete Curb Ramp   \$15.80   SF   \$2831   \$104,718.60     701-02.03S   Concrete Curb Ramp   \$15.80   SF   \$2850   \$45,030.00     702-01.03S   Poncrete Curb Gutter Type 6-30   \$22.00   \$1132   \$27,394.40     702-01.03S   Concrete Combined Curb & Gutter Type 6-30   \$26.30   LF   4324   <		EARTHWORK					
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     \$67,956.70       ORTLAND CEMENT CONCRETE PAVEMENT     \$11.60     SF     21162     \$245,479.20       701-01.01S     Concrete Sidewalk (4")     \$11.60     SF     21162     \$245,479.20       701-02.02S     Concrete Curb Ramp     \$15.80     SF     2810     \$45,030.00       701-02.03S     Concrete Curb Ramp     \$15.80     SF     2850     \$45,030.00       702-01.02S     Concrete Curb Type 'A')     \$21.00     LF     130     \$27,394.40       702-01.03S     Planter Curb	203-05S	Undercutting	\$73.50	CY	200	\$14,700.00	
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   \$Y   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   \$67,956.70     PORTLAND CEMENT CONCRETE PAVEMENT     701-01.01S   Concrete Sidewalk (4")   \$11.60   \$F   21162   \$245,479.20     701-02.02S   Concrete Curb Ramp   \$15.80   \$F   2850   \$45,030.00     701-02.03S   Concrete Curb Ramp   \$15.80   \$F   2850   \$45,030.00     702-01.02S   Concrete Curb Ramp   \$15.80   \$F   280   \$45,030.00     702-01.02S   Concrete Curb (Type 'A')   \$21.00   LF   1132   \$27,394.40     702-01.03S   Planter Curb   \$24.20   LF   11	603-05.20	Containment and Disposal of Waste	\$210.00	CY	500	\$105,000.00	
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     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   \$6							\$119,700.00
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     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   \$224.20   LF   1132   \$27,394.40     702-03S   Concrete Steps   \$2,100.00   CY   3   \$6,300.00     604-10.05S   Concrete Steps   \$2,100.00   CY   3   \$6,300.00   \$6,410.005S   \$10,675.00   \$		ASPHALT CONCRETE PAVING					
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   \$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 Ramp   \$12.60 SF   4324   \$113,721.20     702-01.03S   Planter Curb   \$2,100.00 CY   3   \$63,00.00     702-03S   Concrete Combined Curb & Gutter Type 6-30   \$26.30 LF   4324   \$113,721.20     604-10.05S   Concrete Steps   \$2,100.00 CY   3   \$6,300.00     604-10.05S   Integral Concrete Ramp and Steps   \$1,575.00 CY   13   \$20,475.00	303-01.09	Mineral Aggregate, Type A Base, Grading D Limestone	\$26.80	TON	343	\$9,192.40	
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     FORTLAND 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     702-03S   Concrete Curb (Type 'A')   \$22.30   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     604-10.05S   Integral Concrete Ramp and Steps   \$1,575.00   CY   13   \$20,475.00	306-01.01		\$84.00	SY	616	\$51,744.00	
411-02.10   ACS MIX (PG70-22) Grading D   \$168.00   TON   40   \$6,720.00     ***********************************	403-01	Bituminous Material for Tack Coat (TC) @ 0.07 GAL./S.Y.	\$1,155.00	TON	0.15	\$175.56	
FORTLAND CEMENT CONCRETE PAVEMENT   \$11.60   \$F   21162   \$245,479.20     701-01.01S   Concrete Sidewalk (4")   \$11.60   \$F   8311   \$104,718.60     701-02.02S   Concrete Curb Ramp   \$15.80   \$F   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 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			,		0.11		
PORTLAND CEMENT CONCRETE PAVEMENT701-01.01SConcrete Sidewalk (4")\$11.60\$F\$21162\$245,479.20701-02.02SConcrete Sidewalk (6")\$12.60\$F8311\$104,718.60701-02.03SConcrete Curb Ramp\$15.80\$F2850\$45,030.00702-01.02SConcrete Curb (Type 'A')\$21.00\$21.00\$F1132\$27,394.40702-01.03SPlanter CurbGutter Type 6-30\$26.30\$F4324\$113,721.20604-10.05SConcrete Integral Step\$2,100.00CY3\$6,300.00604-10.0FIntegral Concrete Ramp and Steps\$1,575.00CY13\$20,475.00	411-02.10	ACS MIX (PG70-22) Grading D	\$168.00	TON	40	\$6,720.00	
701-01.01SConcrete Sidewalk (4")\$11.60SF21162\$245,479.20701-02.02SConcrete Sidewalk (6")\$12.60SF8311\$104,718.60701-02.03SConcrete Curb Ramp\$15.80SF2850\$45,030.00702-01.02SConcrete Curb (Type 'A')\$21.00LF200\$4,200.00702-01.03SPlanter Curb\$24.20LF1132\$27,394.40702-03SConcrete Combined Curb & Gutter Type 6-30\$26.30LF4324\$113,721.20604-10.05SConcrete Integral Step\$2,100.00CY3\$6,300.00604-10.06SIntegral Concrete Ramp and Steps\$1,575.00CY13\$20,475.00							\$67,956.70
701-02.02SConcrete Sidewalk (6")\$12.60SF8311\$104,718.60701-02.03SConcrete Curb Ramp\$15.80SF2850\$45,030.00702-01.02SConcrete Curb (Type 'A')\$21.00LF200\$4,200.00702-01.03SPlanter Curb\$24.20LF1132\$27,394.40702-03SConcrete Combined Curb & Gutter Type 6-30\$26.30LF4324\$113,721.20604-10.05SConcrete Integral Step\$2,100.00CY3\$6,300.00604-10.07SIntegral Concrete Ramp and Steps\$1,575.00CY13\$20,475.00							
701-02.03SConcrete Curb Ramp\$15.80SF2850\$45,030.00702-01.02SConcrete Curb (Type 'A')\$21.00LF200\$4,200.00702-01.03SPlanter Curb\$24.20LF1132\$27,394.40702-03SConcrete Combined Curb & Gutter Type 6-30\$26.30LF4324\$113,721.20604-10.05SConcrete Integral Step\$2,100.00CY3\$6,300.00604-10.06SConcrete Steps\$2,100.00CY3\$6,300.00604-10.07SIntegral Concrete Ramp and Steps\$1,575.00CY13\$20,475.00							
702-01.028Concrete Curb (Type 'A')\$21.00LF200\$4,200.00702-01.038Planter Curb\$24.20LF1132\$27,394.40702-038Concrete Combined Curb & Gutter Type 6-30\$26.30LF4324\$113,721.20604-10.058Concrete Integral Step\$2,100.00CY3\$6,300.00604-10.068Concrete Steps\$2,100.00CY3\$6,300.00604-10.078Integral Concrete Ramp and Steps\$1,575.00CY13\$20,475.00							
702-01.03SPlanter Curb\$24.20LF1132\$27,394.40702-03SConcrete Combined Curb & Gutter Type 6-30\$26.30LF4324\$113,721.20604-10.05SConcrete Integral Step\$2,100.00CY3\$6,300.00604-10.06SConcrete Steps\$2,100.00CY3\$6,300.00604-10.07SIntegral Concrete Ramp and Steps\$1,575.00CY13\$20,475.00		-				\$45,030.00	
702-03SConcrete Combined Curb & Gutter Type 6-30\$26.30LF4324\$113,721.20604-10.05SConcrete Integral Step\$2,100.00CY3\$6,300.00604-10.06SConcrete Steps\$2,100.00CY3\$6,300.00604-10.07SIntegral Concrete Ramp and Steps\$1,575.00CY13\$20,475.00							
604-10.05SConcrete Integral Step\$2,100.00CY3\$6,300.00604-10.06SConcrete Steps\$2,100.00CY3\$6,300.00604-10.07SIntegral Concrete Ramp and Steps\$1,575.00CY13\$20,475.00							
604-10.06SConcrete Steps\$2,100.00CY3\$6,300.00604-10.07SIntegral Concrete Ramp and Steps\$1,575.00CY13\$20,475.00							
604-10.07S     Integral Concrete Ramp and Steps     \$1,575.00     CY     13     \$20,475.00							
		-					
\$573,618.40	604-10.07S	Integral Concrete Ramp and Steps	\$1,575.00	CY	13	\$20,475.00	
							\$573,618.40

## **Crossville Downtown Sidewalk Replacement Project**

Opinion of Probable Construction Costs

September 13, 2017



September	Remove Street Lighting (to be performed by City) & Remove I	Ramps and				
	Sidewalks at Lantana Road and Main Street (to be performed b					
	Traffic Signal Project)					
	•			TOTAL PROJECT		
	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	