

<b>Crossville Downtown Economic Development Project</b>					
<b>Opinion of Probable Construction Costs - Phase One</b>					
December 19, 2012					
				<b>TOTAL PROJECT</b>	
<b>Item</b>	<b>Description</b>	<b>Unit Price</b>	<b>Unit</b>	<b>Quantity</b>	<b>Total</b>
<b>CONSTRUCTIONS COSTS</b>					
	<b>MOBILIZATION</b>				
717-01S	Mobilization	\$350,000.00	LS		\$350,000
712-01	Traffic Control	\$200,000.00	LS		\$200,000
712-02.02	Interconnected Portable Barrier Rail	\$40.00	LF	2200	\$88,000
712-04.01	Flexible Drums (Channelizing)	\$45.00	EA	60	\$2,700
712-04.50	Portable Barrier Rail Delineator	\$11.00	EA	110	\$1,210
712-06	Signs (Construction)	\$10.00	SF	709	\$7,090
712-07.03	Temporary Barricades (Type III)	\$30.00	LF	500	\$15,000
714-26.05	Temporary Roadway Lighting	\$10,000.00	LS		\$10,000
722-01.01	Field Office (Type I)	\$35,000.00	LS		\$35,000
					\$709,000
	<b>DEMOLITION AND REMOVAL</b>				
201-01	Clearing and Grubbing		LS		
202-02.01S	Removal of Pipe (4"-30" Diameter)	\$18.00	LF	354	\$6,372
202-03	Removal of Sidewalk	\$7.00	SY	3954	\$27,678
	Removal of Pavement (Driveway)	\$7.00	SY	972	\$6,804
202-03.01S	Removal of Pavement (Roadway)	\$30.00	CY	5536	\$166,079
	Removal and Reseting of Crab Orchard Stone Sidewalk	\$20.00	SF	894	\$17,880
202-04.01	Removal of Structures (Poles)	\$500.00	EA	33	\$16,500
202-04.02S	Removal of Structures (Storm Structures)	\$550.00	EA	14	\$7,700
202-08.15	Removal of Curb and Gutter	\$5.50	LF		
202-08.10	Removal of Curb	\$6.50	LF	4945	\$32,143
415-01.02	Cold Planing of Bituminous Pavement	\$4.50	SY	546	\$2,457
202-04.03S	Miscellaneous Site Items Removal	\$15,000.00	LS		\$15,000
202-04.04S	Removal of Tree	\$325.00	EA	8	\$2,600
202-04.05S	Removal of Business Sign	\$750.00	EA	4	\$3,000
					\$304,212
	<b>EROSION PREVENTION AND SEDIMENT CONTROL</b>				
209-08.03	Temporary Silt Fence (Without Backing)	\$6.00	LF	1000	\$6,000
209-09.41	Curb Inlet Protection (Type 2)	\$250.00	EA	45	\$11,250
801-01.07S	Temporary Seeding (With Mulch)	\$15.50	SY	1000	\$15,500
					\$32,750
	<b>EARTHWORK</b>				
203-05S	Undercutting	\$50.00	CY	850	\$42,500
603-05.20	Containment and Disposal of Waste	\$200.00	CY	100	\$20,000
					\$62,500
	<b>ASPHALT CONCRETE PAVING</b>				
303-01.09	Mineral Aggregate, Type A Base, Grading D Limestone	\$25.50	TON	6984	\$178,092
307-01.01	Asphalt Concrete Mix (PG64-22) (BPMB-HM) Grading A	\$80.00	TON	2170	\$173,600
307-01.08	Asphalt Concrete Mix (PG64-22) (BPMB-HM) Grading B-M2	\$90.00	TON	1428	\$128,520
402-01	Bituminous Material for Prime Coat (PC) @ 0.30-0.35 GAL./S.Y.	\$1,100.00	TON	19	\$20,900
402-02	Aggregate for Cover Material (PC) @ 8-12 LB./S.Y.	\$45.00	TON	76	\$3,420
403-01	Bituminous Material for Tack Coat (TC) @ 0.02 GAL./S.Y.	\$1,100.00	TON	1	\$1,100
403-02	Asphalt Cement for Tack Coat (TC) @ 0.05 GAL./S.Y.	\$1,100.00	TON	3	\$3,300
411-02.10	ACS MIX (PG70-22) Grading D	\$110.00	TON	837	\$92,070
					\$601,002
	<b>WATER DISTRIBUTION</b>				
630-01.025	2" PVC CL250 Waterline	\$29.50	LF	270	\$7,965
	6" DIP PR350 Waterline	\$115.00	LF	800	\$92,000
630-01.145	8" DIP PR350 Waterline	\$125.00	LF	126	\$15,750
	10" DIP PR350 Waterline	\$135.00	LF	110	\$14,850
	12" DIP PR350 Waterline	\$145.00	LF	2769	\$401,505
	M.J. Waterline Fittings	\$5.50	LB	18070	\$99,385
	2" Gate Valve w/ Valve Box & Marker	\$1,200.00	EA	1	\$1,200
	6" Gate Valve w/ Valve Box & Marker	\$1,400.00	EA	23	\$32,200
	6" Tapping Sleeve & Valve	\$3,000.00	EA	8	\$24,000
	8" Gate Valve w/ Valve Box & Marker	\$1,800.00	EA	1	\$1,800

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	8" Tapping Sleeve & Valve	\$4,000.00	EA	2	\$8,000
	10" Tapping Sleeve & Valve	\$5,000.00	EA	1	\$5,000
	12" Gate Valve w/ Valve Box & Marker	\$3,400.00	EA	11	\$37,400
	5-1/4" Fire Hydrant Assembly	\$5,800.00	EA	7	\$40,600
	Waterline Air Release Valve Assembly	\$4,200.00	EA		
	3/4" Water Service Installation	\$2,000.00	EA	37	\$74,000
	1" Water Service Installation	\$950.00	EA	3	\$2,850
	1-1/2" Water Service Installation	\$2,000.00	EA	1	\$2,000
	2" Water Service Installation	\$3,000.00	EA	1	\$3,000
	3/4" Copper Service Tubing	\$25.00	LF	1014	\$25,350
	1" Copper Service Tubing	\$40.00	LF	89	\$3,560
	1-1/2" Copper Service Tubing	\$45.00	LF	5	\$225
	2" Copper Service Tubing	\$50.00	LF	13	\$650
	Crushed Stone for Utilities	\$19.50	TON		
	4" Steel Casing; Open Cut	\$85.00	LF	50	\$4,250
	14" Steel Casing; Open Cut	\$180.00	LF	240	\$43,200
	24" Steel Casing; Open Cut	\$260.00	LF	87	\$22,620
					\$963,360
	<b>DECORATIVE WALKWAYS</b>				
920-02.10S	ADA Compliant Detectable Warning Panels on 4" Thick Concrete Base	\$50.00	SF	349	\$17,450
502-01S	Imprinted Colored Concrete Crosswalk	\$30.00	SF	9315	\$279,450
920-02.13S	Crab Orchard Stone Square Insert	\$56.00	EA	199	\$11,144
920-02.11S	Crab Orchard Stone On 4" Thick Concrete Base	\$25.00	SF	4765	\$119,125
920-02.12S	Crab Orchard Stone On 6" Thick Concrete Base	\$26.00	SF	14621	\$380,146
920-02.14S	2' x 2' Crab Orchard Stone Square Panels	\$28.00	SF	1540	\$43,120
					\$850,435
	<b>PORTLAND CEMENT CONCRETE PAVEMENT</b>				
501-01.03S	Portland Cement Concrete Pavement (Plain) 10"	\$85.00	SY	1729	\$146,965
701-01.01S	Concrete Sidewalk (4")	\$5.00	SF	19996	\$99,980
701-02.02S	Concrete Sidewalk (6")	\$6.00	SF	6613	\$39,678
702-01.02S	Concrete Curb (Type 'A')	\$15.00	LF	1474	\$22,110
702-01.03S	Planter Curb	\$14.00	LF	2979	\$41,706
702-03S	Concrete Combined Curb & Gutter Type 6-30	\$22.00	LF	5174	\$113,828
702-01.04S	Flush Concrete Curb	\$18.50	LF	48	\$888
702-04S	Concrete Combined Curb & Gutter Type 6-18	\$20.00	LF	322	\$6,440
604-10.05S	Concrete Integral Step	\$450.00	CY	2	\$675
604-10-06S	Concrete Steps	\$450.00	CY	3	\$1,350
604-10-07S	Integral Concrete Ramp and Steps	\$450.00	CY	6	\$2,700
					\$476,320
	<b>IRRIGATION</b>				
609-01S	Irrigation System	\$75,000.00	LS		\$75,000
					\$75,000
	<b>MISCELLANEOUS SITE IMPROVEMENTS</b>				
930-01S	Trash Receptacle	\$1,500.00	EA	20	\$30,000
930-02S	Bench	\$1,500.00	EA	46	\$69,000
930-03S	Bell Bollard	\$1,700.00	EA	8	\$13,600
930-04S	Wheel Stop	\$90.00	EA	20	\$1,800
930-05S	Ornamental Handrail	\$160.00	LF	57	\$9,120
930-06S	Fountains	\$150,000.00	LS		\$150,000
930-07S	Wayfinding Signage	\$9,000.00	EA	2	\$18,000
930-08S	Stone Base for Regions Bank Sign (Track 26)	\$2,750.00	EA	1	\$2,750
930-09S	Internally Illuminated Sign Cabinet for Regions Bank (Track 26) (Allowa	\$5,000.00	EA	1	\$5,000
930-10S	Stone Base for Roadrunner Motors Sign (Tract 61)	\$2,500.00	EA	1	\$2,500
930-11S	Internally Illuminated Sign Cabinet for Roadrunner Motors (Track 61) (Al	\$5,250.00	EA	1	\$5,250
930-12S	Stone Base for Best One Tire & Auto Sign (Tract 58)	\$3,000.00	EA	1	\$3,000
930-13S	Internally Illuminated Sign Cabinet for Best One Tire & Auto (Track 58) (C	\$5,500.00	EA	1	\$5,500
930-14S	Stone Base for Wholesale Supply Group Inc. Sign (Tract 55)	\$2,750.00	EA	1	\$2,750
930-15S	Internally Illuminated Sign Cabinet for Wholesale Supply Group Inc. (Tra	\$5,000.00	EA	1	\$5,000
930-16S	Retaining Wall with Stone Veneer On One Side	\$210.00	SF	130	\$27,300

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930-17S	Retaining Wall with Stone Veneer on Both Sides	\$250.00	SF	10	\$2,500
					\$353,070
	SIGNAGE				
713-11.02S	Knockout Square Tube Post	\$13.00	LB	2330	\$30,290
713-13.02S	Flat Sheet Aluminum Signs (0.080" Thick)	\$25.00	SF	356	\$8,900
713-25S	Sign Frame	\$135.00	SF	251	\$33,885
					\$73,075
	PAVEMENT MARKINGS				
716-02.01S	Plastic Pavement Marking (4" Solid White Line)	\$2.00	LF	3088	\$6,176
716-02.03	Plastic Pavement Marking (Cross-Walk)	\$8.00	LF	2499	\$19,992
716-02.05	Plastic Pavement Marking (Stop Line)	\$15.00	LF	367	\$5,505
716-02.06	Plastic Pavement Marking (Turn Lane Arrow)	\$200.00	EA	17	\$3,400
716-02.12S	Plastic Pavement Marking (4" Solid Yellow Line)	\$2.00	LF	4167	\$8,334
716-02.13S	Plastic Pavement Marking (4" Broken Yellow Line)	\$2.00	LF	490	\$980
716-04.01	Plastic Pavement Marking (Straight-Turn Arrow)	\$250.00	EA	1	\$250
716-05.08	Painted Pavement Marking (Parking Line)	\$1.00	LF	1564	\$1,564
716-08.01	Removal of Pavement Marking (Line)	\$1.25	LF	556	\$695
					\$46,896
	DRAINAGE-CATCH BASINS AND MANHOLES				
204-07	Bedding Material (Pipe) Class B	\$36.50	CY	651	\$23,762
607-01.20S	6" PVC Pipe Culvert (SDR 35)	\$65.00	LF	358	\$23,270
607-03.02S	18" Concrete Pipe Culvert (Class III)	\$160.00	LF	2865	\$458,400
611-01.02	Manholes, >4'-8' Depth	\$5,000.00	EA	3	\$15,000
611-01.20	Adjustment of Existing Manhole	\$500.00	EA	5	\$2,500
611-10.01S	Catch Basins, Type 10 Modified, 0'-4' Depth	\$2,400.00	EA	2	\$4,800
611-12.01	Catch Basins, Type 12, 0'-4' Depth	\$2,900.00	EA	24	\$69,600
611-12.02	Catch Basins, Type 12, >4'-8' Depth	\$3,100.00	EA	4	\$12,400
611-12.03	Catch Basins, Type 12SB, 0'-4' Depth	\$3,500.00	EA	6	\$21,000
611-12.04	Catch Basins, Type 12SB, >4'-8' Depth	\$3,900.00	EA	2	\$7,800
611-42.02	Catch Basins, Type 42, >4'-8' Depth	\$3,500.00	EA	1	\$3,500
611-43.02	Catch Basins, Type 43, >4'-8' Depth	\$6,500.00	EA	2	\$13,000
611-90.01S	Catch Basins, 12" Drain Inlet	\$1,500.00	EA	6	\$9,000
611-90.02S	6" Downspout	\$500.00	EA	6	\$3,000
611-90.03S	6" Cleanout	\$600.00	EA	1	\$600
611-90.04S	Connection to Storm Sewer Pipe	\$1,000.00	EA	1	\$1,000
710-04	Filter Cloth Underdrain (With Pipe)	\$10.00	EA	5174	\$51,740
					\$720,372
	SANITARY SEWER SYSTEM				
797-08.05	6" PVC PIPE	\$65.00	LF	450	\$29,250
797-08.08	6" CLEAN OUT ASSEMBLY	\$1,500.00	EA	4	\$6,000
					\$35,250
	TRAFFIC CONTROL APPURTENANCES				
713-16.21	SIGNS (R10-12, 30"x36")	\$300.00	EA	10	\$3,000
713-16.23	SIGNS (INTERNALLY ILLUMINATED STREET NAME SIGNS)	\$4,200.00	EA	11	\$46,200
725-03.50	RADAR DETECTION SYSTEM	\$6,500.00	EA	11	\$71,500
730-01.02	REMOVAL OF SIGNAL EQUIPMENT	\$5,000.00	EA	3	\$15,000
730-02.07	SIGNAL HEAD ASSEMBLY (130)	\$855.00	EA	12	\$10,260
730-02.16	SIGNAL HEAD ASSEMBLY (150 A2H)	\$1,400.00	EA	10	\$14,000
730-03.21	INSTALL PULL BOX (TYPE B)	\$480.00	EA	12	\$5,760
730-03.24	INSTALL PULL BOX (FIBER OPTIC - TYPE B)	\$1,800.00	EA	3	\$5,400
730-05.01	ELECTRICAL SERVICE CONNECTION	\$4,000.00	EA	3	\$12,000
730-05.03	SERVICE CABLE (2 CONDUCTOR, # 6 AWG)	\$2.00	LF	400	\$800
730-08.01	SIGNAL CABLE - 3 CONDUCTOR	\$1.25	LF	3450	\$4,313
730-08.02	SIGNAL CABLE - 5 CONDUCTOR	\$1.75	LF	575	\$1,006
730-08.03	SIGNAL CABLE - 7 CONDUCTOR	\$2.00	LF	3500	\$7,000
730-11.01	STEEL CONDUIT RISER ASSEMBLY	\$325.00	EA	3	\$975
730-12.01	CONDUIT 1" DIAMETER (PVC)	\$6.00	LF	350	\$2,100
730-12.02	CONDUIT 2" DIAMETER (PVC)	\$6.50	LF	225	\$1,463

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730-12.03	CONDUIT 3" DIAMETER (PVC)	\$7.00	LF	1800	\$12,600
730-15.32	CABINET (EIGHT PHASE BASE MOUNTED)	\$14,400.00	EA	3	\$43,200
730-16.02	EIGHT PHASE ACTUATED CONTROLLER	\$9,000.00	EA	3	\$27,000
730-18.01	MASTER CONTROLLER	\$5,000.00	EA	1	\$5,000
730-23.30	PEDESTAL POLE	\$2,000.00	EA	2	\$4,000
730-23.64	CANTILEVER SIGNAL SUPPORT (1 ARM @ 30')	\$15,000.00	EA	6	\$90,000
730-23.80	CANTILEVER SIGNAL SUPPORT (1 ARM @ 40')	\$18,000.00	EA	4	\$72,000
730-23.96	CANTILEVER SIGNAL SUPPORT (1 ARM @ 50')	\$22,000.00	EA	1	\$22,000
730-26.05	COUNTDOWN PEDESTRIAN SIGNAL	\$870.00	EA	24	\$20,880
730-26.06	PEDESTRIAN PUSHBUTTON POST	\$800.00	EA	11	\$8,800
730-26.09	PEDESTRIAN PUSHBUTTON WITH 15 INCH SIGN	\$300.00	EA	24	\$7,200
730-35.06	BATTERY BACK-UP AND POWER CONDITIONER	\$10,500.00	EA	3	\$31,500
					\$544,956
	<b>LANDSCAPE WORK</b>				
802-01.10S	Acer saccharum 'Legacy'	\$220.00	EA	14	\$3,080
802-01.11S	Acer rubrum 'Red Sunset'	\$220.00	EA	58	\$12,760
802-01.12S	Amelanchier x grand. 'Autumn Brilliance'	\$220.00	EA	25	\$5,500
802-01.13S	Lagerstyoemia indica 'Tuskegee'	\$250.00	EA	4	\$1,000
802-03.01S	Hydrangea macrophylla 'Endless Summer'	\$50.00	EA	23	\$1,150
802-03.02S	Hydrangea paniculata 'Phantom'	\$45.00	EA	8	\$360
802-03.03S	Itea virginica 'Little Henry'	\$20.00	EA	98	\$1,960
802-03.04S	Prunus x Cistena	\$60.00	EA	2	\$120
802-03.05S	Rhododendron cumberlandense (bakeri)	\$60.00	EA	40	\$2,400
802-03.06S	Buxus microphylla 'Winter Green'	\$35.00	EA	224	\$7,840
802-03.07S	Buxus x 'Green Velvet'	\$35.00	EA	203	\$7,105
802-03.08S	Ilex cornuta 'Carrisa'	\$45.00	EA	71	\$3,195
802-04.01S	Coreopsis grandiflora 'Early Sunrise'	\$6.50	EA	169	\$1,099
802-04.02S	Gaillardia grandiflora 'Goblin'	\$6.50	EA	285	\$1,853
802-04.03S	Hemerocallis 'Happy Returns'	\$6.50	EA	361	\$2,347
802-04.04S	Hemerocallis 'Joylene Nichole'	\$6.50	EA	394	\$2,561
802-04.05S	Hemerocallis 'Lavendar Deal'	\$6.50	EA	222	\$1,443
802-04.06S	Hemerocallis 'Leeba Orange Crush'	\$6.50	EA	404	\$2,626
802-04.07S	Hemerocallis 'Little Business'	\$6.50	EA	359	\$2,334
802-04.08S	Iberis sempervirens 'Snowflake'	\$6.50	EA	479	\$3,114
802-04.09S	Liriope spicata 'Silver Dragon'	\$5.50	EA	1193	\$6,562
802-04.10S	Oenothera Fruiticosa 'Fireworks'	\$6.50	EA	312	\$2,028
802-04.11S	Panicum virgatum 'Rotstrahlbusch'	\$14.50	EA	80	\$1,160
802-04.12S	Phlox subulata 'Emerald Blue'	\$4.50	EA	294	\$1,323
802-04.13S	Rudebeckia fulgida sullivantii 'Goldstrum'	\$6.50	EA	329	\$2,139
802-04.14S	Vinca minor	\$1.00	EA	4185	\$4,185
802-04.15S	Narcissus 'February Gold'	\$1.50	EA	1855	\$2,783
802-04.16S	Narcissus 'Carlton'	\$1.50	EA	2228	\$3,342
203-07.03S	Planting Soil	\$55.00	CY	425	\$23,397
203-07.04S	Median Planting Soil	\$55.00	CY	64	\$3,526
203-07.06S	Arbor	\$2,500.00	LS	1	\$2,500
203-07.07S	Installation of Rock/Boulder	\$1,000.00	LS	1	\$1,000
203-07.08S	Split Rail Fence	\$40.00	LF	137	\$5,480
					\$123,268
	<b>ELECTRICAL LIGHTING</b>				
714-03.01S	Direct Burial Conduit (2" PVC, Schedule 40)	\$5.75	LF	9276	\$53,337
714-03.02S	Direct Burial Conduit (3" PVC, Schedule 40)	\$9.55	LF	2828	\$27,007
714-03.15S	Trench and Backfill in Street	\$75.00	LF	1322	\$99,150
714-03.16S	Trench and Backfill in Street with Repair	\$100.00	LF	20	\$2,000
714-03.17S	Trench and Backfill in Sidewalk	\$35.00	LF	3980	\$139,300
714-03.18S	Trench and Backfill in Sidewalk with Repair	\$50.00	LF	141	\$7,050
714-03.19S	Trench and Backfill in Lawn and Gravel Areas with Repair	\$25.00	LF	1097	\$27,425
714-04.05S	Innerduct, 1" Corrugated HDPE with Pull String	\$2.00	LF	4668	\$9,336
714-05.09S	Pullbox, 12"L x 12"W x 18" D, Electric Logo	\$850.00	EA	1	\$850

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714-05.10S	Pullbox, Traffic Type A, 36"L x 26"W x 32"D	\$2,000.00	EA	3	\$6,000
714-05.11S	Pullbox, Traffic Type B, 49"L x 32"W x 36"D	\$2,500.00	EA	2	\$5,000
714-06.01S	Tracer Wire, # 14 AWG Solid	\$0.58	LF	2334	\$1,354
714-06.03	Cable (1/C # 10 AWG)	\$0.84	LF	3216	\$2,701
714-06.04	Cable (1/C # 8 AWG)	\$1.19	LF	32691	\$38,902
714-06.05	Cable (1/C #6 AWG)	\$1.66	LF	120	\$199
714-06.06	Cable (1/C #4 AWG)	\$2.29	LF	15781	\$36,138
714-06.08S	Cable (1/C # 1/0 AWG)	\$4.65	LF	360	\$1,674
714-08.09S	Light Pole Material Only, Fixture Type A	\$5,500.00	EA	21	\$115,500
714-08.10S	Light Pole Material Only, Fixture Type B	\$7,375.00	EA	29	\$213,875
714-08.11S	Light Pole Material Only, Fixture Type C	\$4,175.00	EA	12	\$50,100
714-08.20S	Light Pole Foundation, Fixture Types A and B	\$1,500.00	EA	50	\$75,000
714-08.21S	Light Pole Installation, Fixture Type A	\$750.00	EA	21	\$15,750
714-08.22S	Light Pole Installation, Fixture Type B	\$1,000.00	EA	29	\$29,000
714-08.23S	Light Pole Installation, Fixture Type C	\$500.00	EA	12	\$6,000
714-09.10S	Festival Receptacle, 20A, 120V	\$550.00	EA	60	\$33,000
714-12.09S	Festival Panel, 200 AMP, 120/240V, 1-Phase, 3-Wire	\$12,500.00	EA	2	\$25,000
714-12.10S	Festival Panel, 400 AMP, 120/240V, 1-Phase, 3-Wire	\$15,000.00	EA	1	\$15,000
714-12.11S	Lighting Control/Festival Panel, 400 AMP, 120/240V, 1-Phase, 3-Wire	\$20,000.00	EA	2	\$40,000
714-25.22S	Riser Pole Stub-Up, 3" PVC-80, 36"R	\$500.00	EA	4	\$2,000
714-30.01S	Fountain Service Connection	\$400.00	EA	1	\$400
714-30.02S	Illuminated Sign Service	\$400.00	EA	4	\$1,600
					\$1,079,650
	<b>PA SYSTEM</b>				
999-03.01S	Direct Burial Conduit (2" PVC, Schedule 40)	\$5.75	LF	3831	\$22,028
999-03.15S	Trench and Backfill in Street	\$75.00	LF	171	\$12,825
999-03.17S	Trench and Backfill in Sidewalk	\$35.00	LF	100	\$3,500
999-10.01S	Audio Cable, Type A	\$1.25	LF	8065	\$10,081
999-10.02S	Audio Cable, Type L	\$1.00	LF	1670	\$1,670
999-10.10S	Building Penetration for PA System Wiring	\$1,200.00	EA	2	\$2,400
999-10.15S	Pullbox, 12"L x 12"W x 12" D, PA System Logo	\$650.00	EA	54	\$35,100
999-10.20S	Double Speaker Assembly, Pole Types X, Y and Z - Material Only	\$928.00	EA	54	\$50,112
999-10.21S	Double Speaker Assembly, Pole Types X, Y and Z - Installation	\$450.00	EA	54	\$24,300
999-10.30S	Central Audio Equipment Rack (Theater) - Material Only	\$14,683.51	LS		\$14,684
999-10.31S	Central Audio Equipment Rack (Theater) - Installation	\$5,000.00	LS		\$5,000
999-10.40S	Remote Audio Equipment Rack (Stone Museum) - Material Only	\$7,204.45	LS		\$7,204
999-10.41S	Remote Audio Equipment Rack (Stone Museum) - Installation	\$2,500.00	LS		\$2,500
999-10.50S	Audio Equipment Electrical Service	\$1,500.00	EA	2	\$3,000
					\$194,404
	<b>ELECTRICAL DISTRIBUTION</b>				
790-42.10S	Duct Bank Section A-A	\$45.50	LF	110	\$5,005
790-42.11S	Duct Bank Section B-B	\$17.35	LF	436	\$7,565
790-42.12S	Duct Bank Section C-C	\$28.50	LF	196	\$5,586
790-42.13S	Duct Bank Section D-D	\$34.25	LF	288	\$9,864
790-42.14S	Duct Bank Section E-E	\$5.65	LF	540	\$3,051
790-42.15S	Duct Bank Section F-F	\$57.25	LF	140	\$8,015
790-42.16S	Duct Bank Section G-G	\$41.80	LF	200	\$8,360
790-42.17S	Duct Bank Section H-H	\$28.00	LF	162	\$4,536
790-42.18S	Duct Bank Section I-I	\$13.75	LF	50	\$688
790-42.41S	Trench in Street	\$100.00	LF	778	\$77,800
790-42.42S	Trench in Street with Repair	\$75.00	LF	1024	\$76,800
790-42.43S	Trench in Sidewalk	\$20.00	LF	408	\$8,160
790-42.44S	Trench in Sidewalk with Repair	\$35.00	EA	71	\$2,485
790-42.45S	Trench in Lawn Areas with Repair	\$35.00	EA	20	\$700
790-42.51S	Riser Pole Stub-Up - (1) 2.5" Conduit	\$200.00	EA	3	\$600
790-42.52S	Riser Pole Stub-Up - (1) 4" Conduit	\$400.00	EA	50	\$20,000
790-50.01S	Box Pad Foundation Installation, Single-Phase Transformer	\$1,500.00	EA	1	\$1,500
790-51.01S	Ground Sleeve Installation, Primary Junction Enclosure	\$2,000.00	EA	1	\$2,000

<b>Crossville Downtown Economic Development Project</b>					
<b>Opinion of Probable Construction Costs - Phase One</b>					
December 19, 2012					
				<b>TOTAL PROJECT</b>	
<b>Item</b>	<b>Description</b>	<b>Unit Price</b>	<b>Unit</b>	<b>Quantity</b>	<b>Total</b>
					\$242,714
<b>SUBTOTAL CONSTRUCTION COSTS</b>					<b>\$7,488,234</b>
	Contingency (10% of Total Construction Costs)				<b>\$748,823</b>
<b>TOTAL CONSTRUCTION COSTS</b>					<b>\$8,237,057</b>
<b>UTILITY COMPANY REIMBURSEMENT COSTS</b>					
	Charter Communications (None - Per 12/07/12 Email)				
	Frontier Estimate (Per 11/29/12 Email)				\$217,586
	Spirit Broadband (To Be Verified)				\$50,000
	VolFirst (To Be Verified)				\$50,000
	Volunteer Electric Company (None - Per 12/12/12 Email)				
<b>SUBTOTAL UTILITY COMPANY REIMBURSEMENT COSTS</b>					<b>\$317,586</b>
	Contingency (10% of Utility Company Reimbursement Costs)				<b>\$31,759</b>
<b>TOTAL CONSTRUCTION COSTS</b>					<b>\$349,345</b>
<b>Total Construction Costs</b>					<b>\$8,586,402</b>
	Topo/Geotechnical				\$129,321
	Schematics/Design Development				\$174,584
	Final Construction Documents				\$446,158
	Drinking Water Facilities Plans				\$29,100
	LED Lighting Studies				\$2,990
	Bidding				\$15,000
	Construction Administration				\$450,000
	Full-Time Construction Representative				\$432,000
	Public Notices				\$1,250
	Grant Administration				\$145,000
	Fiscal Administration; Audits				\$2,500
<b>SUBTOTAL CONSULTANT FEES</b>					<b>\$1,827,903</b>
<b>Total</b>					<b>\$10,414,305</b>