

CITY OF BEREA - WEST BRIDGE STREET BRIDGE REPLACEMENT (OVER VALLEY PARKWAY)

June 3, 2011

Bid Summary

REF NO.	ITEM NUMBER	ITEM DESCRIPTION	UNIT	ESTIMATED QUANTITY	UNIT COST	SCHIRMER CONSTRUCTION	UNIT COST	J. D. WILLIAMSON CONSTRUCTION	UNIT COST	PERK
1	201	CLEARING AND GRUBBING	LUMP	1	\$ 2,000.00	\$ 2,000.00	\$ 10,000.00	\$ 10,000.00	\$ 2,375.00	\$ 2,375.00
2	202	APPROACH SLAB REMOVED	SQ YD	186	\$ 22.00	\$ 4,092.00	\$ 22.00	\$ 4,092.00	\$ 12.15	\$ 2,259.90
3	202	PAVEMENT REMOVED	SQ YD	104	\$ 22.00	\$ 2,288.00	\$ 12.00	\$ 1,248.00	\$ 13.00	\$ 1,352.00
4	202	WALK REMOVED	SQ FT	511	\$ 2.00	\$ 1,022.00	\$ 2.00	\$ 1,022.00	\$ 1.90	\$ 970.90
5	202	CURB REMOVED	FT	40	\$ 10.00	\$ 400.00	\$ 5.00	\$ 200.00	\$ 4.60	\$ 184.00
6	202	FENCE REMOVED	FT	40	\$ 7.00	\$ 280.00	\$ 8.00	\$ 320.00	\$ 3.50	\$ 140.00
7	202	FENCE REMOVED FOR STORAGE & RE-USE (VINYL), AS PER PLAN	FT	90	\$ 7.00	\$ 630.00	\$ 8.00	\$ 720.00	\$ 7.40	\$ 666.00
8	203	EXCAVATION	CU YD	41	\$ 25.00	\$ 1,025.00	\$ 16.00	\$ 656.00	\$ 20.65	\$ 846.65
9	203	EMBANKMENT, AS PER PLAN	CU YD	10	\$ 50.00	\$ 500.00	\$ 54.00	\$ 540.00	\$ 22.75	\$ 227.50
10	204	SUBGRADE COMPACTION	SQ YD	113	\$ 3.00	\$ 339.00	\$ 5.00	\$ 565.00	\$ 1.10	\$ 124.30
11	607	FENCE, TYPE CL (GALVANIZED)	FT	40	\$ 25.00	\$ 1,000.00	\$ 16.00	\$ 640.00	\$ 15.00	\$ 600.00
12	607	FENCE REBUILT (VINYL), AS PER PLAN	FT	90	\$ 25.00	\$ 2,250.00	\$ 23.00	\$ 2,070.00	\$ 21.00	\$ 1,890.00
13	608	6" CONCRETE WALK, AS PER PLAN	SQ FT	150	\$ 10.00	\$ 1,500.00	\$ 6.00	\$ 900.00	\$ 9.40	\$ 1,410.00
14	608	CURB RAMP, TYPE B2, AS PER PLAN	EACH	1	\$ 1,000.00	\$ 1,000.00	\$ 375.00	\$ 375.00	\$ 820.00	\$ 820.00
15	659	TOPSOIL	CU YD	50	\$ 40.00	\$ 2,000.00	\$ 40.00	\$ 2,000.00	\$ 30.00	\$ 1,500.00
16	659	SEEDING AND MULCHING, CLASS 1, AS PER PLAN	SQ YD	320	\$ 2.00	\$ 640.00	\$ 2.00	\$ 640.00	\$ 1.50	\$ 480.00
17	659	SEEDING AND MULCHING, CLASS 3B, AS PER PLAN	SQ YD	125	\$ 2.00	\$ 250.00	\$ 1.00	\$ 125.00	\$ 1.50	\$ 187.50
18	659	COMMERCIAL FERTILIZER	TON	0.04	\$ 1,000.00	\$ 40.00	\$ 1,100.00	\$ 44.00	\$ 850.00	\$ 34.00
19	659	LIME	ACRE	0.09	\$ 1,000.00	\$ 90.00	\$ 1.00	\$ 0.09	\$ 20.00	\$ 1.80
20	659	WATER	M GAL	4.0	\$ 40.00	\$ 160.00	\$ 43.00	\$ 172.00	\$ 50.00	\$ 200.00
21	670	SLOPE EROSION PROTECTION MAT, TYPE B	SQ YD	125.0	\$ 4.00	\$ 500.00	\$ 4.00	\$ 500.00	\$ 2.50	\$ 312.50
22	832	EROSION CONTROL	EACH	2,000	\$ 1.00	\$ 2,000.00	\$ 1.00	\$ 2,000.00	\$ 1.00	\$ 2,000.00
23	301	ASPHALT CONCRETE BASE, PG64-22, AS PER PLAN	CU YD	18	\$ 250.00	\$ 4,500.00	\$ 305.00	\$ 5,490.00	\$ 245.00	\$ 4,410.00
24	304	AGGREGATE BASE, AS PER PLAN	CU YD	56	\$ 60.00	\$ 3,360.00	\$ 47.00	\$ 2,632.00	\$ 51.00	\$ 2,856.00
25	407	TACK COAT FOR INTERMEDIATE COURSE	GALLON	11	\$ 25.00	\$ 275.00	\$ 20.00	\$ 220.00	\$ 20.00	\$ 220.00
26	448	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, PG64-22, AS PER PLAN	CU YD	5.0	\$ 600.00	\$ 3,000.00	\$ 500.00	\$ 2,500.00	\$ 480.00	\$ 2,400.00
27	448	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, PG64-22, AS PER PLAN	CU YD	4.0	\$ 800.00	\$ 3,200.00	\$ 520.00	\$ 2,080.00	\$ 500.00	\$ 2,000.00
28	609	CURB, TYPE 6, AS PER PLAN	FT	40	\$ 28.00	\$ 1,120.00	\$ 23.00	\$ 920.00	\$ 25.30	\$ 1,012.00

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29	202	PIPE REMOVED, 24" AND UNDER	FT	199	\$ 8.00	\$ 1,592.00	\$ 12.00	\$ 2,388.00	\$ 18.50	\$ 3,681.50
30	202	VALVE BOX REMOVED	EACH	2	\$ 200.00	\$ 400.00	\$ 93.00	\$ 186.00	\$ 275.00	\$ 550.00
31	253	PAVEMENT REPAIR MISC: 6" CURB REPLACEMENT AND 4" WALK REPLACEMENT	CU YD	8	\$ 400.00	\$ 3,200.00	\$ 475.00	\$ 3,800.00	\$ 360.00	\$ 2,880.00
32	253	PAVEMENT REPAIR, MISC.: TYPE "B" PAVEMENT REPLACEMENT	SQ YD	12	\$ 200.00	\$ 2,400.00	\$ 182.00	\$ 2,184.00	\$ 95.00	\$ 1,140.00
33	638	16" WATER MAIN, DUCTILE IRON PIPE ANSI CLASS 53, PUSH-ON JOINTS AND FITTINGS	FT	112	\$ 200.00	\$ 22,400.00	\$ 182.00	\$ 20,384.00	\$ 220.00	\$ 24,640.00
34	638	16" GATE VALVE AND VALVE BOX	EACH	2	\$ 8,000.00	\$ 16,000.00	\$ 7,400.00	\$ 14,800.00	\$ 8,200.00	\$ 16,400.00
35	638	6" FIRE HYDRANT ASSEMBLY, INCLUDING 6" VALVE AND VALVE BOX, AS PER PLAN	EACH	1	\$ 6,500.00	\$ 6,500.00	\$ 6,300.00	\$ 6,300.00	\$ 6,550.00	\$ 6,550.00
36	638	FIRE HYDRANT REMOVED, AS PER PLAN	EACH	1	\$ 500.00	\$ 500.00	\$ 760.00	\$ 760.00	\$ 350.00	\$ 350.00
37	638	WATER WORK MISC.: 16" EXPANSION JOINT	EACH	1	\$ 7,000.00	\$ 7,000.00	\$ 9,400.00	\$ 9,400.00	\$ 12,000.00	\$ 12,000.00
38	638	WATER WORK MISC.: INSULATED, FLANGED 16" ANSI CLASS 53 DUCTILE IRON PIPE WATER MAIN	FT	107	\$ 220.00	\$ 23,540.00	\$ 285.00	\$ 30,495.00	\$ 190.00	\$ 20,330.00
39	202	REMOVAL, MISC.: LUMINAIRE, CONVENTIONAL AND BRACKET ARM FOR RE-USE	EACH	1	\$ 400.00	\$ 400.00	\$ 425.00	\$ 425.00	\$ 400.00	\$ 400.00
40	202	REMOVAL, MISC.: CONVENTIONAL LIGHT POLE	EACH	1	\$ 300.00	\$ 300.00	\$ 320.00	\$ 320.00	\$ 300.00	\$ 300.00
41	603	4" CONDUIT, TYPE E	FT	10	\$ 4.00	\$ 40.00	\$ 5.00	\$ 50.00	\$ 4.00	\$ 40.00
42	625	CONNECTOR KIT, TYPE II	EACH	2	\$ 100.00	\$ 200.00	\$ 90.00	\$ 180.00	\$ 85.00	\$ 170.00
43	625	CONNECTOR KIT, TYPE III	EACH	1	\$ 100.00	\$ 100.00	\$ 90.00	\$ 90.00	\$ 85.00	\$ 85.00
44	625	CABLE SPLICING KIT	EACH	6	\$ 100.00	\$ 600.00	\$ 100.00	\$ 600.00	\$ 95.00	\$ 570.00
45	625	LIGHT POLE, DECORATIVE, AS PER PLAN	EACH	1	\$ 4,500.00	\$ 4,500.00	\$ 4,500.00	\$ 4,500.00	\$ 4,200.00	\$ 4,200.00
46	625	LIGHT POLE, ANCHOR L-BOLTS	EACH	4	\$ 50.00	\$ 200.00	\$ 50.00	\$ 200.00	\$ 45.00	\$ 180.00
47	625	LIGHT POLE FOUNDATION, 24"x6" DEEP, AS PER PLAN	EACH	1	\$ 1,000.00	\$ 1,000.00	\$ 850.00	\$ 850.00	\$ 800.00	\$ 800.00
48	625	NO. 4 AWG 500 VOLT DISTRIBUTION CABLE	FT	150	\$ 4.00	\$ 600.00	\$ 5.00	\$ 750.00	\$ 4.00	\$ 600.00
49	625	NO. 10 AWG POLE AND BRACKET CABLE	FT	100	\$ 4.00	\$ 400.00	\$ 2.00	\$ 200.00	\$ 1.50	\$ 150.00
50	625	CONDUIT, 3", 725.04	FT	50	\$ 15.00	\$ 750.00	\$ 15.00	\$ 750.00	\$ 14.00	\$ 700.00
51	625	LUMINAIRE, DECORATIVE, AS PER PLAN	EACH	2	\$ 1,500.00	\$ 3,000.00	\$ 1,600.00	\$ 3,200.00	\$ 1,500.00	\$ 3,000.00
52	625	TRENCH, 24" DEEP	FT	50	\$ 7.00	\$ 350.00	\$ 8.00	\$ 400.00	\$ 7.00	\$ 350.00
53	625	PULL BOX, 725.08, 18"	EACH	1	\$ 650.00	\$ 650.00	\$ 700.00	\$ 700.00	\$ 650.00	\$ 650.00
54	625	GROUND ROD	EACH	1	\$ 150.00	\$ 150.00	\$ 145.00	\$ 145.00	\$ 135.00	\$ 135.00
55	625	POWER SERVICE, AS PER PLAN	EACH	1	\$ 1,500.00	\$ 1,500.00	\$ 1,600.00	\$ 1,600.00	\$ 1,500.00	\$ 1,500.00
56	625	PLASTIC CAUTION TAPE, AS PER PLAN	FT	50	\$ 2.00	\$ 100.00	\$ 1.00	\$ 50.00	\$ 0.75	\$ 37.50
57	625	2" CONDUIT, 725.04	FT	120	\$ 15.00	\$ 1,800.00	\$ 15.00	\$ 1,800.00	\$ 12.50	\$ 1,500.00

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58	625	PULLBOX, 725.08, 18"	EACH	2	\$ 650.00	\$ 1,300.00	\$ 685.00	\$ 1,370.00	\$ 650.00	\$ 1,300.00
59	632	SIGNALIZATION, MISC.: INTERCONNECT	LUMP	1	\$ 1,500.00	\$ 1,500.00	\$ 1,200.00	\$ 1,200.00	\$ 1,100.00	\$ 1,100.00
60	642	CENTER LINE	MILE	0.02	\$ 40,000.00	\$ 800.00	\$ 37,000.00	\$ 740.00	\$ 35,000.00	\$ 700.00
61	642	CHANNELIZING LINE	FT	124	\$ 3.00	\$ 372.00	\$ 1.00	\$ 124.00	\$ 0.80	\$ 99.20
62	642	STOP LINE	FT	32	\$ 8.00	\$ 256.00	\$ 5.00	\$ 160.00	\$ 4.00	\$ 128.00
63	642	CROSSWALK LINE	FT	81	\$ 8.00	\$ 648.00	\$ 3.00	\$ 243.00	\$ 2.00	\$ 162.00
64	642	TRANSVERSE DIAGONAL LINE	FT	50	\$ 8.00	\$ 400.00	\$ 3.00	\$ 150.00	\$ 2.50	\$ 125.00
65	642	LANE ARROW	EACH	3	\$ 100.00	\$ 300.00	\$ 70.00	\$ 210.00	\$ 65.00	\$ 195.00
66	642	WORD ON PAVEMENT, 72"	EACH	1	\$ 100.00	\$ 100.00	\$ 80.00	\$ 80.00	\$ 75.00	\$ 75.00
67	816	VIDEO DETECTION SYSTEM, AS PER PLAN	EACH	1	\$ 10,000.00	\$ 10,000.00	\$ 8,000.00	\$ 8,000.00	\$ 7,500.00	\$ 7,500.00
68	202	STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN	LUMP	1	\$ 25,000.00	\$ 25,000.00	\$ 110,000.00	\$ 110,000.00	\$ 56,815.00	\$ 56,815.00
69	202	WEARING COURSE REMOVED	SQ YD	273	\$ 7.00	\$ 1,911.00	\$ 7.00	\$ 1,911.00	\$ 4.70	\$ 1,283.10
70	503	COFFERDAMS AND EXCAVATION BRACING, AS PER PLAN	LUMP	1	\$ 9,000.00	\$ 9,000.00	\$ 1,000.00	\$ 1,000.00	\$ 46,515.00	\$ 46,515.00
71	503	UNCLASSIFIED EXCAVATION	CU YD	167	\$ 60.00	\$ 10,020.00	\$ 110.00	\$ 18,370.00	\$ 67.35	\$ 11,247.45
72	503	ROCK EXCAVATION, AS PER PLAN	CU YD	32	\$ 85.00	\$ 2,720.00	\$ 65.00	\$ 2,080.00	\$ 160.50	\$ 5,136.00
73	509	EPOXY COATED REINFORCING STEEL	POUND	31,993	\$ 1.00	\$ 31,993.00	\$ 1.25	\$ 39,991.25	\$ 1.15	\$ 36,791.95
74	511	CLASS C CONCRETE, ABUTMENTS INCLUDING FOOTING	CU YD	213	\$ 425.00	\$ 90,525.00	\$ 400.00	\$ 85,200.00	\$ 740.00	\$ 157,620.00
75	511	CLASS HP CONCRETE, SUPERSTRUCTURE	CU YD	74	\$ 450.00	\$ 33,300.00	\$ 400.00	\$ 29,600.00	\$ 658.00	\$ 48,692.00
76	511	CLASS HP CONCRETE, SIDEWALK	CU YD	22.5	\$ 375.00	\$ 8,437.50	\$ 200.00	\$ 4,500.00	\$ 440.00	\$ 9,900.00
77	511	CONCRETE, MISC.: ARCHITECTURAL TREATMENT	SQ FT	1,372	\$ 8.00	\$ 10,976.00	\$ 15.00	\$ 20,580.00	\$ 17.00	\$ 23,324.00
78	512	SEALING OF CONCRETE SURFACES (NON-EPOXY)	SQ YD	109	\$ 10.00	\$ 1,090.00	\$ 10.00	\$ 1,090.00	\$ 15.00	\$ 1,635.00
79	512	SEALING OF CONCRETE SURFACES (EPOXY URETHANE)	SQ YD	226	\$ 14.00	\$ 3,164.00	\$ 15.00	\$ 3,390.00	\$ 15.00	\$ 3,390.00
80	513	STRUCTURAL STEEL MEMBER, LEVEL UF	POUND	2,698	\$ 4.00	\$ 10,792.00	\$ 5.00	\$ 13,490.00	\$ 5.45	\$ 14,704.10
81	515	PRESTRESSED CONCRETE COMPOSITE BOX BEAM BRIDGE MEMBERS, LEVEL 1, CB21-48	EACH	13	\$ 10,200.00	\$ 132,600.00	\$ 9,000.00	\$ 117,000.00	\$ 9,615.00	\$ 124,995.00
82	516	1/2" PREFORMED EXPANSION JOINT FILLER	SQ FT	9	\$ 3.00	\$ 27.00	\$ 5.00	\$ 45.00	\$ 9.70	\$ 87.30
83	516	1" PREFORMED EXPANSION JOINT FILLER	SQ FT	14	\$ 4.00	\$ 56.00	\$ 7.00	\$ 98.00	\$ 7.35	\$ 102.90
84	516	2" PREFORMED EXPANSION JOINT FILLER	SQ FT	109	\$ 5.00	\$ 545.00	\$ 11.00	\$ 1,199.00	\$ 8.90	\$ 970.10
85	516	SEMI-INTEGRAL ABUTMENT EXPANSION JOINT SEAL, AS PER PLAN	FT	120	\$ 30.00	\$ 3,600.00	\$ 25.00	\$ 3,000.00	\$ 34.65	\$ 4,158.00
86	516	1/8" PREFORMED BEARING PADS (8"X11")	EACH	26	\$ 12.00	\$ 312.00	\$ 24.00	\$ 624.00	\$ 31.00	\$ 806.00
87	516	ELASTOMERIC BEARING WITH INTERNAL LAMINATES ONLY (8"x11x2" NEOPRENE)	EACH	52	\$ 120.00	\$ 6,240.00	\$ 140.00	\$ 7,280.00	\$ 495.00	\$ 25,740.00

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88	517	RAILING, MISC.: CONCRETE PARAPET WITH ARCHITECTURAL METAL RAILING (STEEL) USING HIGH PERFORMANCE CONCRETE, AS PER PLAN	FT	193	\$ 375.00	\$ 72,375.00	\$ 400.00	\$ 77,200.00	\$ 312.50	\$ 60,312.50
89	517	RAILING, MISC.: STEEL HANDRAIL AND POSTS ON UTILITY BRIDGE ABUTMENTS	FT	26	\$ 225.00	\$ 5,850.00	\$ 190.00	\$ 4,940.00	\$ 203.00	\$ 5,278.00
90	518	POROUS BACKFILL WITH FILTER FABRIC, AS PER PLAN	CU YD	79	\$ 60.00	\$ 4,740.00	\$ 82.00	\$ 6,478.00	\$ 74.00	\$ 5,846.00
91	524	DRILLED SHAFTS, 36" DIAMETER ABOVE BEDROCK	FT	10	\$ 200.00	\$ 2,000.00	\$ 200.00	\$ 2,000.00	\$ 170.00	\$ 1,700.00
92	524	DRILLED SHAFTS, 36" DIAMETER INTO BEDROCK	FT	140	\$ 300.00	\$ 42,000.00	\$ 350.00	\$ 49,000.00	\$ 418.80	\$ 58,632.00
93	524	DRILLED SHAFTS, 36" DIAMETER ABOVE BEDROCK, AS PER PLAN	FT	20	\$ 700.00	\$ 14,000.00	\$ 340.00	\$ 6,800.00	\$ 566.45	\$ 11,329.00
94	526	REINFORCED CONCRETE APPROACH SLABS (T=13"), AS PER PLAN	SQ YD	232	\$ 200.00	\$ 46,400.00	\$ 225.00	\$ 52,200.00	\$ 224.25	\$ 52,026.00
95	SPECIAL	STRUCTURE, MISC.: PREFABRICATED TRUSS UTILITY BRIDGE INCLUDING ERECTION	LUMP	1	\$ 70,000.00	\$ 70,000.00	\$ 70,000.00	\$ 70,000.00	\$ 89,315.00	\$ 89,315.00
96	SPECIAL	ASBESTOS ABATEMENT	LUMP	1	\$ 2,000.00	\$ 2,000.00	\$ 8,000.00	\$ 8,000.00	\$ 1,500.00	\$ 1,500.00
97	638	WATER WORK, MISC.: APPURTENANCE FOR UTILITY BRIDGE MOUNTED WATER MAIN	LUMP	1	\$ 6,000.00	\$ 6,000.00	\$ 4,000.00	\$ 4,000.00	\$ 7,500.00	\$ 7,500.00
98	614	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE	HOUR	24	\$ 50.00	\$ 1,200.00	\$ 32.00	\$ 768.00	\$ 55.00	\$ 1,320.00
99	614	REPLACEMENT SIGN	EACH	4	\$ 50.00	\$ 200.00	\$ 55.00	\$ 220.00	\$ 50.00	\$ 200.00
100	614	PORTABLE CHANGEABLE MESSAGE SIGN	SIGN MONTH	1	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,650.00	\$ 1,650.00
101	614	MAINTAINING TRAFFIC	LUMP	1	\$ 15,000.00	\$ 15,000.00	\$ 18,000.00	\$ 18,000.00	\$ 13,660.00	\$ 13,660.00
102	623	CONSTRUCTION LAYOUT STAKES, AS PER PLAN	LUMP	1	\$ 6,000.00	\$ 6,000.00	\$ 7,500.00	\$ 7,500.00	\$ 11,000.00	\$ 11,000.00
103	624	MOBILIZATION	LUMP	1	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 56,500.00	\$ 56,500.00
104	SPECIAL	BONDS AND INSURANCES	LUMP	1	\$ 12,000.00	\$ 12,000.00	\$ 10,000.00	\$ 10,000.00	\$ 7,775.00	\$ 7,775.00
105	680	PROJECT SIGN, AS PER PLAN	EACH	1	\$ 1,000.00	\$ 1,000.00	\$ 700.00	\$ 700.00	\$ 650.00	\$ 650.00
106	804	FIBER OPTIC CABLE, MISC.: INTERCONNECT	FT	1,200	\$ 3.00	\$ 3,600.00	\$ 6.00	\$ 7,200.00	\$ 5.50	\$ 6,600.00
107	614	MAINTAINING TRAFFIC, MISC.: MAINTAINING EXISTING TRAFFIC SIGNALS	EACH	4	\$ 500.00	\$ 2,000.00	\$ 500.00	\$ 2,000.00	\$ 450.00	\$ 1,800.00
108	630	GROUND MOUNTED SUPPORT, NO. 3	FOOT	23	\$ 10.00	\$ 230.00	\$ 6.00	\$ 138.00	\$ 10.00	\$ 230.00
109	630	SIGN, FLAT SHEET	SQ FT	19	\$ 15.00	\$ 277.50	\$ 15.00	\$ 277.50	\$ 15.00	\$ 277.50
GRAND TOTAL:						\$865,490.00		\$971,324.84		\$1,115,767.15