

General Info

Number: PROJECT NO. 43-18-05 (PART A & PART B)
Description: PROJECT NO. 43-18-05 (PART A)
BRIDGE REPAIR AND REHABILITATION
OHIO TURNPIKE RAMP OVER OHIO TURNPIKE
(EXIT 218), M.P. 218.7
MAHONING COUNTY, OHIO

PROJECT NO. 43-18-05 (PART B)
BRIDGE REPLACEMENT
OHIO TURNPIKE OVER MILL CREEK BIKEWAY, M.P.
223.0
MAHONING COUNTY. OHIO

Deadline: JUNE 1, 2018 AT 2:00 P.M. (EASTERN)

(Estimated Cost: \$7,100,000.00)

Bids

Business	Bid Total
Suburban Maintenance & Construction, Inc.	\$6,284,083.20
J D Williamson Construction Co., Inc.	\$6,384,498.45
The Great Lakes Construction Co.	\$6,948,821.96
Shelly & Sands, Inc.	\$7,296,335.15

SUBURBAN MAINTENANCE & CONSTRUCTION, INC.**PART A AND PART B - GENERAL (Ref. Nos. 1 - 5)**

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
1	IB.ART.6	PREMIUM FOR CONTRACT PERFORMANCE BOND AND PAYMENT BOND	1.00	LUMP	\$65,000.00	\$65,000.00
2	SP 614	MAINTAINING TRAFFIC	1.00	LUMP	\$655,000.00	\$655,000.00
3	SP 619	FIELD OFFICE	1.00	LUMP	\$80,000.00	\$80,000.00
4	SP 623	CONSTRUCTION LAYOUT SURVEY	1.00	LUMP	\$20,000.00	\$20,000.00
5	624	MOBILIZATION	1.00	LUMP	\$200,000.00	\$200,000.00
Total:						\$1,020,000.00

PART A - BRIDGE REPAIR AND REHABILITATION (Ref. Nos. 6 - 25)

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
6	614	REPLACEMENT SIGN	4.00	EACH	\$140.00	\$560.00
7	630	SIGNING MISC.; ADDITIONAL SIGNS, GROUND MOUNTED, AS DIRECTED BY THE ENGINEER	16.00	SQ. FT,	\$16.50	\$264.00
8	642	YELLOW EDGE LINE, 6", TYPE 1	0.20	MILE	\$5,340.00	\$1,068.00
9	642	WHITE EDGE LINE, 6", TYPE 1	0.20	MILE	\$4,340.00	\$868.00
10	642	WHITE LANE LINE, 6", TYPE 1	0.20	MILE	\$5,225.00	\$1,045.00
11	SP 202	PORTIONS OF STRUCTURE REMOVED	1.00	LUMP	\$500.00	\$500.00
12	SP 509	EPOXY COATED REINFORCING STEEL, GRADE 60	100.00	POUND	\$2.00	\$200.00
13	513	WELDED STUD SHEAR CONNECTORS, AS PER PLAN (**)	10.00	EACH	\$4.00	\$40.00
14	SP 516A	CRACK REPAIR USING EPOXY INJECTION (**)	30.00	FOOT	\$100.00	\$3,000.00
15	SP 516B	SEALING OF CONSTRUCTION JOINTS	1,745.00	FOOT	\$7.00	\$12,215.00
16	SP 519	PATCHING CONCRETE STRUCTURES	20.00	SQ. FT.	\$125.00	\$2,500.00
17	SP 527	FALSEWORK, TEMPORARY BRACING, AND PROTECTIVE STRUCTURES	1.00	LUMP	\$100,000.00	\$100,000.00
18	SP 536	CONCRETE WEATHERPROOFING, BARRIERS AND PARAPETS	745.00	SQ. YD.	\$12.00	\$8,940.00

19	SP 536	CONCRETE WEATHERPROOFING, DECK, ABUTMENT SLABS AND APPROACH SLABS	2,223.00	SQ. YD.	\$10.00	\$22,230.00
20	848	MICRO-SILICA MODIFIED CONCRETE OVERLAY USING HYDRODEMOLITION, 2" THICK	1,434.00	SQ. YD.	\$95.00	\$136,230.00
21	848	SURFACE PREPARATION USING HYDRODEMOLITION	1,434.00	SQ. YD.	\$95.00	\$136,230.00
22	848	MICRO-SILICA MODIFIED CONCRETE OVERLAY (VARIABLE THICKNESS), MATERIAL ONLY	40.00	CU. YD.	\$300.00	\$12,000.00
23	848	TEST SLAB	4.00	CU. YD.	\$800.00	\$3,200.00
24	848	FULL DEPTH REPAIR	18.00	CU. YD.	\$700.00	\$12,600.00
25	848	HAND CHIPPING	9.00	SQ. YD.	\$250.00	\$2,250.00
Total:						\$455,940.00

PART B - BRIDGE REPLACEMENT (Ref. Nos. 26 - 121)

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
26	201	CLEARING AND GRUBBING	1.00	LUMP	\$34,000.00	\$34,000.00
27	202	PAVEMENT REMOVED	636.00	SQ. YD.	\$22.00	\$13,992.00
28	202	GUARDRAIL REMOVED	1,051.00	FOOT	\$2.50	\$2,627.50
29	202	BRIDGE TERMINAL ASSEMBLY REMOVED	8.00	EACH	\$115.00	\$920.00
30	202	CATCH BASIN OR INLET REMOVED	2.00	EACH	\$250.00	\$500.00
31	202	FENCE REMOVED	504.00	FOOT	\$2.00	\$1,008.00
32	203	EXCAVATION	1,923.00	CU. YD.	\$28.00	\$53,844.00
33	203	EMBANKMENT	17,332.00	CU. YD.	\$22.00	\$381,304.00
34	204	SUBGRADE COMPACTION	4,851.00	SQ. YD.	\$2.00	\$9,702.00
35	204	EXCAVATION OF SUBGRADE	100.00	CU. YD.	\$35.00	\$3,500.00
36	204	EMBANKMENT	100.00	CU. YD.	\$15.00	\$1,500.00
37	606	GUARDRAIL, TYPE MGS WITH LONG STEEL POSTS	1,315.00	FOOT	\$25.00	\$32,875.00
38	606	ANCHOR ASSEMBLY, TYPE E	2.00	EACH	\$2,500.00	\$5,000.00
39	607	FENCE, TYPE 47, AS PER PLAN	566.00	FOOT	\$20.20	\$11,433.20
40	609	ASPHALT CONCRETE CURB, TYPE 1	790.00	FOOT	\$12.00	\$9,480.00
41	607	FENCE REMOVED AND REBUILT	95.00	FOOT	\$17.68	\$1,679.60
42	630	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION	2.00	EACH	\$135.00	\$270.00
43	SP 113	SWPPP MANAGEMENT	1.00	LUMP	\$20,000.00	\$20,000.00

44	659	SOIL ANALYSIS TEST	4.00	EACH	\$125.00	\$500.00
45	659	TOPSOIL	1,372.00	CU. YD.	\$26.00	\$35,672.00
46	659	SEEDING AND MULCHING	3,927.00	SQ. YD.	\$1.35	\$5,301.45
47	659	REPAIR SEEDING AND MULCHING	196.00	SQ. YD.	\$0.40	\$78.40
48	659	INTER-SEEDING	196.00	SQ. YD.	\$0.10	\$19.60
49	659	COMMERCIAL FERTILIZER	1.00	TON	\$590.00	\$590.00
50	659	LIME	1.00	ACRE	\$110.00	\$110.00
51	659	WATER	11.00	M GAL	\$1.00	\$11.00
52	832	DITCH EROSION CONTROL PROTECTION, TYPE A	383.00	SQ. YD.	\$2.50	\$957.50
53	832	EROSION CONTROL	30,000.00	EACH	\$1.00	\$30,000.00
54	SP 605	6" SHALLOW PIPE UNDERDRAINS WITH FABRIC WRAP (D=30")	1,580.00	FOOT	\$24.00	\$37,920.00
55	SP 605	6" BASE PIPE UNDERDRAINS WITH FABRIC WRAP (D=18")	790.00	FOOT	\$18.00	\$14,220.00
56	611	6" CONDUIT, TYPE F, 707.33	100.00	FOOT	\$40.00	\$4,000.00
57	611	CATCH BASIN ADJUSTED TO GRADE	1.00	EACH	\$600.00	\$600.00
58	611	CATCH BASIN RECONSTRUCTED TO GRADE, AS PER PLAN	2.00	EACH	\$1,800.00	\$3,600.00
59	611	PRECAST REINFORCED CONCRETE OUTLET	4.00	EACH	\$250.00	\$1,000.00
60	611	INLET RECONSTRUCTED TO GRADE	1.00	EACH	\$2,800.00	\$2,800.00
61	204	PROOF ROLLING	3.00	HOUR	\$300.00	\$900.00
62	SP 302	ASPHALT CONCRETE BASE, PG 64-22	1,388.00	CU. YD.	\$107.00	\$148,516.00
63	SP 304	AGGREGATE BASE	1,418.00	CU. YD.	\$50.00	\$70,900.00
64	SP 402	ASPHALT CONCRETE INTERMEDIATE COURSE, PG 70-22 (FR)	245.00	CU. YD.	\$195.00	\$47,775.00
65	SP 404	ASPHALT CONCRETE SURFACE COURSE, USING CRUSHED SLAG, PG 70-22 (FR)	175.00	CU. YD.	\$300.00	\$52,500.00
66	407	NON-TRACKING TACK COAT	582.00	GALLON	\$2.00	\$1,164.00
67	621	RAISED PAVEMENT MARKER REMOVED	10.00	EACH	\$10.00	\$100.00
68	SP 621	RAISED PAVEMENT MARKER (WHITE)	10.00	EACH	\$344.00	\$3,440.00
69	SP 626	BARRIER REFLECTOR	17.00	EACH	\$10.00	\$170.00
70	642	EDGE LINE, 6"	7.46	MILE	\$750.00	\$5,595.00
71	642	LANE LINE, 6"	3.73	MILE	\$635.00	\$2,368.55
72	SPECIAL	SONIC NAP ALERT PATTERN (SNAP)	7.46	MILE	\$1,700.00	\$12,682.00

73	614	MAINTAINING TRAFFIC, MISC.: MILL CREEK BIKEWAY DETOUR	1.00	LUMP	\$70,000.00	\$70,000.00
74	614	WORK ZONE IMPACT ATTENUATOR FOR 24" WIDE HAZARDS (BIDIRECTIONAL)	2.00	EACH	\$3,000.00	\$6,000.00
75	614	WORK ZONE CROSSOVER LIGHTING SYSTEM	2.00	EACH	\$30,000.00	\$60,000.00
76	614	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN	480.00	DAY	\$35.00	\$16,800.00
77	SP 404	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC ON CROSSOVERS, PG 64-22	120.00	CU. YD.	\$375.00	\$45,000.00
78	SP 614	ZONE PERSON	8,640.00	HOUR	\$56.00	\$483,840.00
79	SP 622A	32" TEMPORARY PORTABLE BARRIER (WITHOUT GLARE SCREEN)	1.00	LUMP	\$12,000.00	\$12,000.00
80	SP 622A	32" TEMPORARY PORTABLE BARRIER (WITH GLARE SCREEN)	1.00	LUMP	\$262,000.00	\$262,000.00
81	SP 626A	CONSTRUCTION ZONE MARKER, ONE-WAY MODEL, WHITE	3,940.00	EACH	\$4.50	\$17,730.00
82	SP 626A	CONSTRUCTION ZONE MARKER, ONE-WAY MODEL, YELLOW	3,940.00	EACH	\$4.50	\$17,730.00
83	SP 641C	REMOVAL OF PAVEMENT MARKING	6.00	MILE	\$2,310.00	\$13,860.00
84	SPECIAL	"SNAP" MILL AND FILL	38,080.00	FOOT	\$6.00	\$228,480.00
85	SPECIAL	EXISTING CROSSOVER TO BE CLOSED/RE-OPENED	1.00	LUMP	\$10,000.00	\$10,000.00
86	606	ANCHOR ASSEMBLY, TYPE T	1.00	EACH	\$875.00	\$875.00
87	625	NO. 8 AWG CABLE	800.00	FOOT	\$1.50	\$1,200.00
88	625	CONDUIT, 1", 725.04	450.00	FOOT	\$15.00	\$6,750.00
89	625	CONDUIT, 1", 725.051	350.00	FOOT	\$4.00	\$1,400.00
90	625	LUMINAIRE, MISC.: BIKEWAY CULVERT LIGHTING	12.00	EACH	\$1,000.00	\$12,000.00
91	625	TRENCH, 24" DEEP	450.00	FOOT	\$10.00	\$4,500.00
92	625	PULLBOX, 725.08	1.00	EACH	\$1,000.00	\$1,000.00
93	625	JUNCTION BOX	12.00	EACH	\$700.00	\$8,400.00
94	625	POWER SERVICE, AS PER PLAN, PS1	1.00	LUMP	\$8,000.00	\$8,000.00
95	625	POWER SERVICE, AS PER PLAN, PS2	1.00	LUMP	\$5,000.00	\$5,000.00
96	SP 202	PORTIONS OF STRUCTURE REMOVED	1.00	LUMP	\$400,000.00	\$400,000.00
97	SP 202	APPROACH SLAB REMOVED	343.00	SQ. YD.	\$100.00	\$34,300.00
98	SP 202	UNCLASSIFIED EXCAVATION, AS PER PLAN	342.00	CU. YD.	\$120.00	\$41,040.00

99	SP 509	EPOXY COATED REINFORCING STEEL	205,811.00	POUND	\$1.00	\$205,811.00
100	511	CLASS QC1 CONCRETE	1,263.00	CU. YD.	\$500.00	\$631,500.00
101	511	CONCRETE, MISC.: MOCKUP PANEL	1.00	EACH	\$5,000.00	\$5,000.00
102	511	CONCRETE, MISC.: FORMLINER	864.00	SQ. FT.	\$8.60	\$7,430.40
103	512	SEALING OF CONCRETE SURFACES, AS PER PLAN (PERMANENT GRAFFITI PROTECTION)	1,005.00	SQ. YD.	\$27.00	\$27,135.00
104	512	TYPE 2 WATERPROOFING	2,061.00	SQ. YD.	\$22.00	\$45,342.00
105	512	SEALING, MISC.: STAINING OF CONCRETE SURFACES	1,005.00	SQ. YD.	\$54.00	\$54,270.00
106	516	1" PREFORMED EXPANSION JOINT FILLER	70.00	SQ. FT.	\$3.00	\$210.00
107	518	POROUS BACKFILL WITH FILTER FABRIC	1,027.00	CU. YD.	\$54.00	\$55,458.00
108	518	6" PERFORATED CORRUGATED PLASTIC PIPE	584.00	FOOT	\$8.00	\$4,672.00
109	518	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS	8.00	FOOT	\$8.00	\$64.00
110	SP 536	CONCRETE WEATHERPROOFING	1,005.00	SQ. YD.	\$14.00	\$14,070.00
111	611	CONDUIT, TYPE A, PRECAST REINFORCED ARCH SECTIONS, AS PER PLAN (20'-SPAN X 10' RISE)	216.00	FOOT	\$1,800.00	\$388,800.00
112	840	MECHANICALLY STABILIZED EARTH WALL	6,517.00	SQ. FT.	\$30.00	\$195,510.00
113	840	WALL EXCAVATION	2,189.00	CU. YD.	\$15.00	\$32,835.00
114	840	FOUNDATION PREPARATION	690.00	SQ. YD.	\$55.00	\$37,950.00
115	840	SELECT GRANULAR BACKFILL	4,371.00	CU. YD.	\$35.00	\$152,985.00
116	840	6" DRAINAGE PIPE, PERFORATED CORRUGATED PLASTIC PIPE	704.00	FOOT	\$19.50	\$13,728.00
117	840	6' DRAINAGE PIPE, NON-PERFORATED CORRUGATED PLASTIC PIPE	8.00	FOOT	\$48.00	\$384.00
118	840	CONCRETE COPING	318.00	FOOT	\$70.00	\$22,260.00
119	840	ON-SITE ASSISTANCE	4.00	DAYS	\$50.00	\$200.00

120	840	AESTHETIC SURFACE TREATMENT	5,830.00	SQ. FT.	\$1.00	\$5,830.00
121	840	SGB INSPECTION AND COMPACTION TESTING	1.00	LUMP	\$3,000.00	\$3,000.00
122	304	AGGREGATE BASE	1,138.00	CY	\$56.00	\$63,728.00
123	614	REPLACEMENT SIGN	5.00	EACH	\$140.00	\$700.00
124	630	SIGNING MISC.: ADDITIONAL SIGNS, GROUND MOUNTED, AS DIRECTED BY THE ENGINEER	16.00	EACH	\$140.00	\$2,240.00
125	SP 527	FALSEWORK, TEMPORARY BRACING AND PROTECTIVE STRUCTURES	1.00	LUMP	\$2,000.00	\$2,000.00
					Total:	\$4,808,143.20
TOTAL BID AMOUNT (INCLUDES REF. NO. 1 THRU REF. NO. 125)						\$6,284,083.20

J D WILLIAMSON CONSTRUCTION CO., INC.**PART A AND PART B - GENERAL (Ref. Nos. 1 - 5)**

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
1	IB.ART.6	PREMIUM FOR CONTRACT PERFORMANCE BOND AND PAYMENT BOND	1.00	LUMP	\$65,000.00	\$65,000.00
2	SP 614	MAINTAINING TRAFFIC	1.00	LUMP	\$569,000.00	\$569,000.00
3	SP 619	FIELD OFFICE	1.00	LUMP	\$30,000.00	\$30,000.00
4	SP 623	CONSTRUCTION LAYOUT SURVEY	1.00	LUMP	\$30,000.00	\$30,000.00
5	624	MOBILIZATION	1.00	LUMP	\$200,000.00	\$200,000.00
Total:						\$894,000.00

PART A - BRIDGE REPAIR AND REHABILITATION (Ref. Nos. 6 - 25)

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
6	614	REPLACEMENT SIGN	4.00	EACH	\$100.00	\$400.00
7	630	SIGNING MISC.; ADDITIONAL SIGNS, GROUND MOUNTED, AS DIRECTED BY THE ENGINEER	16.00	SQ. FT,	\$20.00	\$320.00
8	642	YELLOW EDGE LINE, 6", TYPE 1	0.20	MILE	\$5,500.00	\$1,100.00
9	642	WHITE EDGE LINE, 6", TYPE 1	0.20	MILE	\$5,500.00	\$1,100.00
10	642	WHITE LANE LINE, 6", TYPE 1	0.20	MILE	\$5,500.00	\$1,100.00
11	SP 202	PORTIONS OF STRUCTURE REMOVED	1.00	LUMP	\$30,000.00	\$30,000.00
12	SP 509	EPOXY COATED REINFORCING STEEL, GRADE 60	100.00	POUND	\$10.00	\$1,000.00
13	513	WELDED STUD SHEAR CONNECTORS, AS PER PLAN	10.00	EACH	\$300.00	\$3,000.00
14	SP 516A	CRACK REPAIR USING EPOXY INJECTION (**)	30.00	FOOT	\$400.00	\$12,000.00
15	SP 516B	SEALING OF CONSTRUCTION JOINTS	1,745.00	FOOT	\$8.00	\$13,960.00
16	SP 519	PATCHING CONCRETE STRUCTURES	20.00	SQ. FT.	\$150.00	\$3,000.00
17	SP 527	FALSEWORK, TEMPORARY BRACING, AND PROTECTIVE STRUCTURES	1.00	LUMP	\$120,000.00	\$120,000.00
18	SP 536	CONCRETE WEATHERPROOFING, BARRIERS AND PARAPETS	745.00	SQ. YD.	\$16.00	\$11,920.00
19	SP 536	CONCRETE WEATHERPROOFING, DECK, ABUTMENT SLABS AND APPROACH SLABS	2,223.00	SQ. YD.	\$16.00	\$35,568.00

20	848	MICRO-SILICA MODIFIED CONCRETE OVERLAY USING HYDRODEMOLITION, 2" THICK	1,434.00	SQ. YD.	\$50.00	\$71,700.00
21	848	SURFACE PREPARATION USING HYDRODEMOLITION	1,434.00	SQ. YD.	\$72.00	\$103,248.00
22	848	MICRO-SILICA MODIFIED CONCRETE OVERLAY (VARIABLE THICKNESS), MATERIAL ONLY	40.00	CU. YD.	\$320.00	\$12,800.00
23	848	TEST SLAB	4.00	CU. YD.	\$450.00	\$1,800.00
24	848	FULL DEPTH REPAIR	18.00	CU. YD.	\$1,500.00	\$27,000.00
25	848	HAND CHIPPING	9.00	SQ. YD.	\$300.00	\$2,700.00
Total:						\$453,716.00

PART B - BRIDGE REPLACEMENT (Ref. Nos. 26 - 121)

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
26	201	CLEARING AND GRUBBING	1.00	LUMP	\$30,000.00	\$30,000.00
27	202	PAVEMENT REMOVED	636.00	SQ. YD.	\$11.00	\$6,996.00
28	202	GUARDRAIL REMOVED	1,051.00	FOOT	\$2.00	\$2,102.00
29	202	BRIDGE TERMINAL ASSEMBLY REMOVED	8.00	EACH	\$120.00	\$960.00
30	202	CATCH BASIN OR INLET REMOVED	2.00	EACH	\$350.00	\$700.00
31	202	FENCE REMOVED	504.00	FOOT	\$2.00	\$1,008.00
32	203	EXCAVATION	1,923.00	CU. YD.	\$14.50	\$27,883.50
33	203	EMBANKMENT	17,332.00	CU. YD.	\$20.00	\$346,640.00
34	204	SUBGRADE COMPACTION	4,851.00	SQ. YD.	\$4.50	\$21,829.50
35	204	EXCAVATION OF SUBGRADE	100.00	CU. YD.	\$30.00	\$3,000.00
36	204	EMBANKMENT	100.00	CU. YD.	\$25.00	\$2,500.00
37	606	GUARDRAIL, TYPE MGS WITH LONG STEEL POSTS	1,315.00	FOOT	\$25.00	\$32,875.00
38	606	ANCHOR ASSEMBLY, TYPE E	2.00	EACH	\$2,600.00	\$5,200.00
39	607	FENCE, TYPE 47, AS PER PLAN	566.00	FOOT	\$21.00	\$11,886.00
40	609	ASPHALT CONCRETE CURB, TYPE 1	790.00	FOOT	\$12.50	\$9,875.00
41	607	FENCE REMOVED AND REBUILT	95.00	FOOT	\$20.00	\$1,900.00
42	630	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION	2.00	EACH	\$100.00	\$200.00
43	SP 113	SWPPP MANAGEMENT	1.00	LUMP	\$15,000.00	\$15,000.00
44	659	SOIL ANALYSIS TEST	4.00	EACH	\$100.00	\$400.00
45	659	TOPSOIL	1,372.00	CU. YD.	\$40.00	\$54,880.00

46	659	SEEDING AND MULCHING	3,927.00	SQ. YD.	\$1.45	\$5,694.15
47	659	REPAIR SEEDING AND MULCHING	196.00	SQ. YD.	\$0.40	\$78.40
48	659	INTER-SEEDING	196.00	SQ. YD.	\$0.10	\$19.60
49	659	COMMERCIAL FERTILIZER	1.00	TON	\$620.00	\$620.00
50	659	LIME	1.00	ACRE	\$115.00	\$115.00
51	659	WATER	11.00	M GAL	\$1.00	\$11.00
52	832	DITCH EROSION CONTROL PROTECTION, TYPE A	383.00	SQ. YD.	\$2.60	\$995.80
53	832	EROSION CONTROL	30,000.00	EACH	\$1.00	\$30,000.00
54	SP 605	6" SHALLOW PIPE UNDERDRAINS WITH FABRIC WRAP (D=30")	1,580.00	FOOT	\$13.00	\$20,540.00
55	SP 605	6" BASE PIPE UNDERDRAINS WITH FABRIC WRAP	790.00	FOOT	\$13.00	\$10,270.00
56	611	6" CONDUIT, TYPE F, 707.33	100.00	FOOT	\$20.00	\$2,000.00
57	611	CATCH BASIN ADJUSTED TO GRADE	1.00	EACH	\$450.00	\$450.00
58	611	CATCH BASIN RECONSTRUCTED TO GRADE, AS PER PLAN	2.00	EACH	\$1,000.00	\$2,000.00
59	611	PRECAST REINFORCED CONCRETE OUTLET	4.00	EACH	\$265.00	\$1,060.00
60	611	INLET RECONSTRUCTED TO GRADE	1.00	EACH	\$1,000.00	\$1,000.00
61	204	PROOF ROLLING	3.00	HOUR	\$250.00	\$750.00
62	SP 302	ASPHALT CONCRETE BASE, PG 64-22	1,388.00	CU. YD.	\$115.00	\$159,620.00
63	SP 304	AGGREGATE BASE	1,418.00	CU. YD.	\$80.00	\$113,440.00
64	SP 402	ASPHALT CONCRETE INTERMEDIATE COURSE, PG 70-22 (FR)	245.00	CU. YD.	\$205.00	\$50,225.00
65	SP 404	ASPHALT CONCRETE SURFACE COURSE, USING CRUSHED SLAG, PG 70-22 (FR)	175.00	CU. YD.	\$290.00	\$50,750.00
66	407	NON-TRACKING TACK COAT	582.00	GALLON	\$2.00	\$1,164.00
67	621	RAISED PAVEMENT MARKER REMOVED	10.00	EACH	\$25.00	\$250.00
68	SP 621	RAISED PAVEMENT MARKER (WHITE)	10.00	EACH	\$750.00	\$7,500.00
69	SP 626	BARRIER REFLECTOR	17.00	EACH	\$6.50	\$110.50
70	642	EDGE LINE, 6"	7.46	MILE	\$5,300.00	\$39,538.00
71	642	LANE LINE, 6"	3.73	MILE	\$5,300.00	\$19,769.00
72	SPECIAL	SONIC NAP ALERT PATTERN (SNAP)	7.46	MILE	\$2,000.00	\$14,920.00
73	614	MAINTAINING TRAFFIC, MISC.: MILL CREEK BIKEWAY DETOUR	1.00	LUMP	\$50,000.00	\$50,000.00

74	614	WORK ZONE IMPACT ATTENUATOR FOR 24" WIDE HAZARDS (BIDIRECTIONAL)	2.00	EACH	\$2,000.00	\$4,000.00
75	614	WORK ZONE CROSSOVER LIGHTING SYSTEM	2.00	EACH	\$35,000.00	\$70,000.00
76	614	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER	480.00	DAY	\$115.00	\$55,200.00
77	SP 404	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC ON CROSSOVERS, PG 64-22	120.00	CU. YD.	\$400.00	\$48,000.00
78	SP 614	ZONE PERSON	8,640.00	HOUR	\$70.00	\$604,800.00
79	SP 622A	32" TEMPORARY PORTABLE BARRIER (WITHOUT GLARE SCREEN)	1.00	LUMP	\$7,500.00	\$7,500.00
80	SP 622A	32" TEMPORARY PORTABLE BARRIER (WITH GLARE SCREEN)	1.00	LUMP	\$315,000.00	\$315,000.00
81	SP 626A	CONSTRUCTION ZONE MARKER, ONE-WAY MODEL, WHITE	3,940.00	EACH	\$5.00	\$19,700.00
82	SP 626A	CONSTRUCTION ZONE MARKER, ONE-WAY MODEL, YELLOW	3,940.00	EACH	\$5.00	\$19,700.00
83	SP 641C	REMOVAL OF PAVEMENT MARKING	6.00	MILE	\$2,500.00	\$15,000.00
84	SPECIAL	"SNAP" MILL AND FILL	38,080.00	FOOT	\$6.50	\$247,520.00
85	SPECIAL	EXISTING CROSSOVER TO BE CLOSED/RE-OPENED	1.00	LUMP	\$36,000.00	\$36,000.00
86	606	ANCHOR ASSEMBLY, TYPE T	1.00	EACH	\$950.00	\$950.00
87	625	NO. 8 AWG CABLE	800.00	FOOT	\$2.00	\$1,600.00
88	625	CONDUIT, 1", 725.04	450.00	FOOT	\$12.50	\$5,625.00
89	625	CONDUIT, 1", 725.051	350.00	FOOT	\$7.00	\$2,450.00
90	625	LUMINAIRE, MISC.: BIKEWAY CULVERT LIGHTING	12.00	EACH	\$700.00	\$8,400.00
91	625	TRENCH, 24" DEEP	450.00	FOOT	\$10.00	\$4,500.00
92	625	PULLBOX, 725.08	1.00	EACH	\$895.00	\$895.00
93	625	JUNCTION BOX	12.00	EACH	\$790.00	\$9,480.00
94	625	POWER SERVICE, AS PER PLAN, PS1	1.00	LUMP	\$7,600.00	\$7,600.00
95	625	POWER SERVICE, AS PER PLAN, PS2	1.00	LUMP	\$2,250.00	\$2,250.00
96	SP 202	PORTIONS OF STRUCTURE REMOVED	1.00	LUMP	\$245,000.00	\$245,000.00
97	SP 202	APPROACH SLAB REMOVED	343.00	SQ. YD.	\$25.00	\$8,575.00
98	SP 202	UNCLASSIFIED EXCAVATION, AS PER PLAN	342.00	CU. YD.	\$90.00	\$30,780.00
99	SP 509	EPOXY COATED REINFORCING STEEL	205,811.00	POUND	\$1.00	\$205,811.00
100	511	CLASS QC1 CONCRETE	1,263.00	CU. YD.	\$550.00	\$694,650.00
101	511	CONCRETE, MISC.: MOCKUP PANEL	1.00	EACH	\$2,500.00	\$2,500.00

102	511	CONCRETE, MISC.: FORMLINER	864.00	SQ. FT.	\$30.00	\$25,920.00
103	512	SEALING OF CONCRETE SURFACES, AS PER PLAN (PERMANENT GRAFFITI PROTECTION)	1,005.00	SQ. YD.	\$7.00	\$7,035.00
104	512	TYPE 2 WATERPROOFING	2,061.00	SQ. YD.	\$20.00	\$41,220.00
105	512	SEALING, MISC.: STAINING OF CONCRETE SURFACES	1,005.00	SQ. YD.	\$60.00	\$60,300.00
106	516	1" PREFORMED EXPANSION JOINT FILLER	70.00	SQ. FT.	\$5.00	\$350.00
107	518	POROUS BACKFILL WITH FILTER FABRIC	1,027.00	CU. YD.	\$115.00	\$118,105.00
108	518	6" PERFORATED CORRUGATED PLASTIC PIPE	584.00	FOOT	\$15.00	\$8,760.00
109	518	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS	8.00	FOOT	\$15.00	\$120.00
110	SP 536	CONCRETE WEATHERPROOFING	1,005.00	SQ. YD.	\$10.00	\$10,050.00
111	611	CONDUIT, TYPE A, PRECAST REINFORCED ARCH SECTIONS, AS PER PLAN (20'-SPAN X 10' RISE)	216.00	FOOT	\$1,425.00	\$307,800.00
112	840	MECHANICALLY STABILIZED EARTH WALL	6,517.00	SQ. FT.	\$30.00	\$195,510.00
113	840	WALL EXCAVATION	2,189.00	CU. YD.	\$20.00	\$43,780.00
114	840	FOUNDATION PREPARATION	690.00	SQ. YD.	\$24.00	\$16,560.00
115	840	SELECT GRANULAR BACKFILL	4,371.00	CU. YD.	\$47.00	\$205,437.00
116	840	6" DRAINAGE PIPE, PERFORATED CORRUGATED PLASTIC PIPE	704.00	FOOT	\$16.00	\$11,264.00
117	840	6' DRAINAGE PIPE, NON-PERFORATED CORRUGATED PLASTIC PIPE	8.00	FOOT	\$15.00	\$120.00
118	840	CONCRETE COPING	318.00	FOOT	\$115.00	\$36,570.00
119	840	ON-SITE ASSISTANCE	4.00	DAYS	\$500.00	\$2,000.00

120	840	AESTHETIC SURFACE TREATMENT	5,830.00	SQ. FT.	\$1.00	\$5,830.00
121	840	SGB INSPECTION AND COMPACTION TESTING	1.00	LUMP	\$20,000.00	\$20,000.00
122	304	AGGREGATE BASE	1,138.00	CY	\$55.00	\$62,590.00
123	614	REPLACEMENT SIGN	5.00	EACH	\$250.00	\$1,250.00
124	630	SIGNING MISC.: ADDITIONAL SIGNS, GROUND MOUNTED, AS DIRECTED BY THE ENGINEER	16.00	EACH	\$250.00	\$4,000.00
125	SP 527	FALSEWORK, TEMPORARY BRACING AND PROTECTIVE STRUCTURES	1.00	LUMP	\$20,000.00	\$20,000.00
					Total:	\$5,036,782.45
TOTAL BID AMOUNT (INCLUDES REF. NO. 1 THRU REF. NO. 125)						\$6,384,498.45

THE GREAT LAKES CONSTRUCTION CO.**PART A AND PART B - GENERAL (Ref. Nos. 1 - 5)**

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
1	IB.ART.6	PREMIUM FOR CONTRACT PERFORMANCE BOND AND PAYMENT BOND	1.00	LUMP	\$75,000.00	\$75,000.00
2	SP 614	MAINTAINING TRAFFIC	1.00	LUMP	\$800,000.00	\$800,000.00
3	SP 619	FIELD OFFICE	1.00	LUMP	\$25,000.00	\$25,000.00
4	SP 623	CONSTRUCTION LAYOUT SURVEY	1.00	LUMP	\$50,000.00	\$50,000.00
5	624	MOBILIZATION	1.00	LUMP	\$200,000.00	\$200,000.00
Total:						\$1,150,000.00

PART A - BRIDGE REPAIR AND REHABILITATION (Ref. Nos. 6 - 25)

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
6	614	REPLACEMENT SIGN	4.00	EACH	\$95.00	\$380.00
7	630	SIGNING MISC.; ADDITIONAL SIGNS, GROUND MOUNTED, AS DIRECTED BY THE ENGINEER	16.00	SQ. FT.	\$125.00	\$2,000.00
8	642	YELLOW EDGE LINE, 6", TYPE 1	0.20	MILE	\$5,340.00	\$1,068.00
9	642	WHITE EDGE LINE, 6", TYPE 1	0.20	MILE	\$5,340.00	\$1,068.00
10	642	WHITE LANE LINE, 6", TYPE 1	0.20	MILE	\$5,225.00	\$1,045.00
11	SP 202	PORTIONS OF STRUCTURE REMOVED	1.00	LUMP	\$2,000.00	\$2,000.00
12	SP 509	EPOXY COATED REINFORCING STEEL, GRADE 60	100.00	POUND	\$2.00	\$200.00
13	513	WELDED STUD SHEAR CONNECTORS, AS PER PLAN (**)	10.00	EACH	\$80.00	\$800.00
14	SP 516A	CRACK REPAIR USING EPOXY INJECTION (**)	30.00	FOOT	\$50.00	\$1,500.00
15	SP 516B	SEALING OF CONSTRUCTION JOINTS	1,745.00	FOOT	\$3.00	\$5,235.00
16	SP 519	PATCHING CONCRETE STRUCTURES	20.00	SQ. FT.	\$150.00	\$3,000.00
17	SP 527	FALSEWORK, TEMPORARY BRACING, AND PROTECTIVE STRUCTURES	1.00	LUMP	\$80,000.00	\$80,000.00
18	SP 536	CONCRETE WEATHERPROOFING, BARRIERS AND PARAPETS	745.00	SQ. YD.	\$7.00	\$5,215.00

19	SP 536	CONCRETE WEATHERPROOFING, DECK, ABUTMENT SLABS AND APPROACH SLABS	2,223.00	SQ. YD.	\$7.00	\$15,561.00
20	848	MICRO-SILICA MODIFIED CONCRETE OVERLAY USING HYDRODEMOLITION, 2" THICK	1,434.00	SQ. YD.	\$70.00	\$100,380.00
21	848	SURFACE PREPARATION USING HYDRODEMOLITION	1,434.00	SQ. YD.	\$140.00	\$200,760.00
22	848	MICRO-SILICA MODIFIED CONCRETE OVERLAY (VARIABLE THICKNESS), MATERIAL ONLY	40.00	CU. YD.	\$265.00	\$10,600.00
23	848	TEST SLAB	4.00	CU. YD.	\$500.00	\$2,000.00
24	848	FULL DEPTH REPAIR	18.00	CU. YD.	\$400.00	\$7,200.00
25	848	HAND CHIPPING	9.00	SQ. YD.	\$450.00	\$4,050.00
Total:						\$444,062.00

PART B - BRIDGE REPLACEMENT (Ref. Nos. 26 - 121)

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
26	201	CLEARING AND GRUBBING	1.00	LUMP	\$20,000.00	\$20,000.00
27	202	PAVEMENT REMOVED	636.00	SQ. YD.	\$12.00	\$7,632.00
28	202	GUARDRAIL REMOVED	1,051.00	FOOT	\$2.00	\$2,102.00
29	202	BRIDGE TERMINAL ASSEMBLY REMOVED	8.00	EACH	\$115.00	\$920.00
30	202	CATCH BASIN OR INLET REMOVED	2.00	EACH	\$750.00	\$1,500.00
31	202	FENCE REMOVED	504.00	FOOT	\$1.80	\$907.20
32	203	EXCAVATION	1,923.00	CU. YD.	\$20.00	\$38,460.00
33	203	EMBANKMENT	17,332.00	CU. YD.	\$15.00	\$259,980.00
34	204	SUBGRADE COMPACTION	4,851.00	SQ. YD.	\$3.50	\$16,978.50
35	204	EXCAVATION OF SUBGRADE	100.00	CU. YD.	\$48.00	\$4,800.00
36	204	EMBANKMENT	100.00	CU. YD.	\$34.00	\$3,400.00
37	606	GUARDRAIL, TYPE MGS WITH LONG STEEL POSTS	1,315.00	FOOT	\$23.40	\$30,771.00
38	606	ANCHOR ASSEMBLY, TYPE E	2.00	EACH	\$2,480.00	\$4,960.00
39	607	FENCE, TYPE 47, AS PER PLAN	566.00	FOOT	\$20.20	\$11,433.20
40	609	ASPHALT CONCRETE CURB, TYPE 1	790.00	FOOT	\$12.00	\$9,480.00
41	607	FENCE REMOVED AND REBUILT	95.00	FOOT	\$17.68	\$1,679.60
42	630	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION	2.00	EACH	\$144.00	\$288.00
43	SP 113	SWPPP MANAGEMENT	1.00	LUMP	\$40,000.00	\$40,000.00

44	659	SOIL ANALYSIS TEST	4.00	EACH	\$50.00	\$200.00
45	659	TOPSOIL	1,372.00	CU. YD.	\$30.00	\$41,160.00
46	659	SEEDING AND MULCHING	3,927.00	SQ. YD.	\$0.72	\$2,827.44
47	659	REPAIR SEEDING AND MULCHING	196.00	SQ. YD.	\$2.00	\$392.00
48	659	INTER-SEEDING	196.00	SQ. YD.	\$1.00	\$196.00
49	659	COMMERCIAL FERTILIZER	1.00	TON	\$700.00	\$700.00
50	659	LIME	1.00	ACRE	\$100.00	\$100.00
51	659	WATER	11.00	M GAL	\$1.00	\$11.00
52	832	DITCH EROSION CONTROL PROTECTION, TYPE A	383.00	SQ. YD.	\$2.00	\$766.00
53	832	EROSION CONTROL	30,000.00	EACH	\$1.00	\$30,000.00
54	SP 605	6" SHALLOW PIPE UNDERDRAINS WITH FABRIC WRAP (D=30")	1,580.00	FOOT	\$12.00	\$18,960.00
55	SP 605	6" BASE PIPE UNDERDRAINS WITH FABRIC WRAP (D=18")	790.00	FOOT	\$10.00	\$7,900.00
56	611	6" CONDUIT, TYPE F, 707.33	100.00	FOOT	\$28.00	\$2,800.00
57	611	CATCH BASIN ADJUSTED TO GRADE	1.00	EACH	\$650.00	\$650.00
58	611	CATCH BASIN RECONSTRUCTED TO GRADE, AS PER PLAN	2.00	EACH	\$1,350.00	\$2,700.00
59	611	PRECAST REINFORCED CONCRETE OUTLET	4.00	EACH	\$325.00	\$1,300.00
60	611	INLET RECONSTRUCTED TO GRADE	1.00	EACH	\$1,000.00	\$1,000.00
61	204	PROOF ROLLING	3.00	HOURL	\$300.00	\$900.00
62	SP 302	ASPHALT CONCRETE BASE, PG 64-22	1,388.00	CU. YD.	\$107.00	\$148,516.00
63	SP 304	AGGREGATE BASE	1,418.00	CU. YD.	\$75.00	\$106,350.00
64	SP 402	ASPHALT CONCRETE INTERMEDIATE COURSE, PG 70-22 (FR)	245.00	CU. YD.	\$195.00	\$47,775.00
65	SP 404	ASPHALT CONCRETE SURFACE COURSE, USING CRUSHED SLAG, PG 70-22 (FR)	175.00	CU. YD.	\$275.00	\$48,125.00
66	407	NON-TRACKING TACK COAT	582.00	GALLON	\$2.00	\$1,164.00
67	621	RAISED PAVEMENT MARKER REMOVED	10.00	EACH	\$9.00	\$90.00
68	SP 621	RAISED PAVEMENT MARKER (WHITE)	10.00	EACH	\$718.45	\$7,184.50
69	SP 626	BARRIER REFLECTOR	17.00	EACH	\$6.00	\$102.00
70	642	EDGE LINE, 6"	7.46	MILE	\$750.00	\$5,595.00
71	642	LANE LINE, 6"	3.73	MILE	\$635.00	\$2,368.55
72	SPECIAL	SONIC NAP ALERT PATTERN (SNAP)	7.46	MILE	\$1,135.00	\$8,467.10

73	614	MAINTAINING TRAFFIC, MISC.: MILL CREEK BIKEWAY DETOUR	1.00	LUMP	\$100,000.00	\$100,000.00
74	614	WORK ZONE IMPACT ATTENUATOR FOR 24" WIDE HAZARDS (BIDIRECTIONAL)	2.00	EACH	\$1,800.00	\$3,600.00
75	614	WORK ZONE CROSSOVER LIGHTING SYSTEM	2.00	EACH	\$30,000.00	\$60,000.00
76	614	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN	480.00	DAY	\$20.00	\$9,600.00
77	SP 404	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC ON CROSSOVERS, PG 64-22	120.00	CU. YD.	\$375.00	\$45,000.00
78	SP 614	ZONE PERSON	8,640.00	HOUR	\$70.00	\$604,800.00
79	SP 622A	32" TEMPORARY PORTABLE BARRIER (WITHOUT GLARE SCREEN)	1.00	LUMP	\$25,000.00	\$25,000.00
80	SP 622A	32" TEMPORARY PORTABLE BARRIER (WITH GLARE SCREEN)	1.00	LUMP	\$350,000.00	\$350,000.00
81	SP 626A	CONSTRUCTION ZONE MARKER, ONE-WAY MODEL, WHITE	3,940.00	EACH	\$4.50	\$17,730.00
82	SP 626A	CONSTRUCTION ZONE MARKER, ONE-WAY MODEL, YELLOW	3,940.00	EACH	\$4.50	\$17,730.00
83	SP 641C	REMOVAL OF PAVEMENT MARKING	6.00	MILE	\$2,310.00	\$13,860.00
84	SPECIAL	"SNAP" MILL AND FILL	38,080.00	FOOT	\$6.00	\$228,480.00
85	SPECIAL	EXISTING CROSSOVER TO BE CLOSED/RE-OPENED	1.00	LUMP	\$15,000.00	\$15,000.00
86	606	ANCHOR ASSEMBLY, TYPE T	1.00	EACH	\$875.00	\$875.00
87	625	NO. 8 AWG CABLE	800.00	FOOT	\$1.50	\$1,200.00
88	625	CONDUIT, 1", 725.04	450.00	FOOT	\$15.00	\$6,750.00
89	625	CONDUIT, 1", 725.051	350.00	FOOT	\$4.00	\$1,400.00
90	625	LUMINAIRE, MISC.: BIKEWAY CULVERT LIGHTING	12.00	EACH	\$1,000.00	\$12,000.00
91	625	TRENCH, 24" DEEP	450.00	FOOT	\$10.00	\$4,500.00
92	625	PULLBOX, 725.08	1.00	EACH	\$1,000.00	\$1,000.00
93	625	JUNCTION BOX	12.00	EACH	\$700.00	\$8,400.00
94	625	POWER SERVICE, AS PER PLAN, PS1	1.00	LUMP	\$8,000.00	\$8,000.00
95	625	POWER SERVICE, AS PER PLAN, PS2	1.00	LUMP	\$5,000.00	\$5,000.00
96	SP 202	PORTIONS OF STRUCTURE REMOVED	1.00	LUMP	\$450,000.00	\$450,000.00
97	SP 202	APPROACH SLAB REMOVED	343.00	SQ. YD.	\$50.00	\$17,150.00
98	SP 202	UNCLASSIFIED EXCAVATION, AS PER PLAN	342.00	CU. YD.	\$105.00	\$35,910.00

99	SP 509	EPOXY COATED REINFORCING STEEL	205,811.00	POUND	\$1.17	\$240,798.87
100	511	CLASS QC1 CONCRETE	1,263.00	CU. YD.	\$530.00	\$669,390.00
101	511	CONCRETE, MISC.: MOCKUP PANEL	1.00	EACH	\$12,000.00	\$12,000.00
102	511	CONCRETE, MISC.: FORMLINER	864.00	SQ. FT.	\$45.00	\$38,880.00
103	512	SEALING OF CONCRETE SURFACES, AS PER PLAN (PERMANENT GRAFFITI PROTECTION)	1,005.00	SQ. YD.	\$27.00	\$27,135.00
104	512	TYPE 2 WATERPROOFING	2,061.00	SQ. YD.	\$18.00	\$37,098.00
105	512	SEALING, MISC.: STAINING OF CONCRETE SURFACES	1,005.00	SQ. YD.	\$54.00	\$54,270.00
106	516	1" PREFORMED EXPANSION JOINT FILLER	70.00	SQ. FT.	\$12.00	\$840.00
107	518	POROUS BACKFILL WITH FILTER FABRIC	1,027.00	CU. YD.	\$95.00	\$97,565.00
108	518	6" PERFORATED CORRUGATED PLASTIC PIPE	584.00	FOOT	\$8.00	\$4,672.00
109	518	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS	8.00	FOOT	\$55.00	\$440.00
110	SP 536	CONCRETE WEATHERPROOFING	1,005.00	SQ. YD.	\$7.00	\$7,035.00
111	611	CONDUIT, TYPE A, PRECAST REINFORCED ARCH SECTIONS, AS PER PLAN (20'-SPAN X 10' RISE)	216.00	FOOT	\$2,000.00	\$432,000.00
112	840	MECHANICALLY STABILIZED EARTH WALL	6,517.00	SQ. FT.	\$32.00	\$208,544.00
113	840	WALL EXCAVATION	2,189.00	CU. YD.	\$32.00	\$70,048.00
114	840	FOUNDATION PREPARATION	690.00	SQ. YD.	\$36.00	\$24,840.00
115	840	SELECT GRANULAR BACKFILL	4,371.00	CU. YD.	\$60.00	\$262,260.00
116	840	6" DRAINAGE PIPE, PERFORATED CORRUGATED PLASTIC PIPE	704.00	FOOT	\$12.00	\$8,448.00
117	840	6' DRAINAGE PIPE, NON-PERFORATED CORRUGATED PLASTIC PIPE	8.00	FOOT	\$55.00	\$440.00
118	840	CONCRETE COPING	318.00	FOOT	\$130.00	\$41,340.00
119	840	ON-SITE ASSISTANCE	4.00	DAYS	\$500.00	\$2,000.00

120	840	AESTHETIC SURFACE TREATMENT	5,830.00	SQ. FT.	\$1.00	\$5,830.00
121	840	SGB INSPECTION AND COMPACTION TESTING	1.00	LUMP	\$20,000.00	\$20,000.00
122	304	AGGREGATE BASE	1,138.00	CY	\$70.00	\$79,660.00
123	614	REPLACEMENT SIGN	5.00	EACH	\$210.00	\$1,050.00
124	630	SIGNING MISC.: ADDITIONAL SIGNS, GROUND MOUNTED, AS DIRECTED BY THE ENGINEER	16.00	EACH	\$100.00	\$1,600.00
125	SP 527	FALSEWORK, TEMPORARY BRACING AND PROTECTIVE STRUCTURES	1.00	LUMP	\$20,000.00	\$20,000.00

Total: \$5,354,759.96

TOTAL BID AMOUNT (INCLUDES REF. NO. 1 THRU REF. NO. 125)

\$6,948,821.96

SHELLY & SANDS, INC.**PART A AND PART B - GENERAL (Ref. Nos. 1 - 5)**

Ref. No.	Item No.	Description	Quantity	Units	Unit Price Extension	
1	IB.ART.6	PREMIUM FOR CONTRACT PERFORMANCE BOND AND PAYMENT BOND	1.00	LUMP	\$40,500.00	\$40,500.00
2	SP 614	MAINTAINING TRAFFIC	1.00	LUMP	\$1,100,000.00	\$1,100,000.00
3	SP 619	FIELD OFFICE	1.00	LUMP	\$70,000.00	\$70,000.00
4	SP 623	CONSTRUCTION LAYOUT SURVEY	1.00	LUMP	\$100,000.00	\$100,000.00
5	624	MOBILIZATION	1.00	LUMP	\$200,000.00	\$200,000.00

Total: \$1,510,500.00**PART A - BRIDGE REPAIR AND REHABILITATION (Ref. Nos. 6 - 25)**

Ref. No.	Item No.	Description	Quantity	Units	Unit Price Extension	
6	614	REPLACEMENT SIGN	4.00	EACH	\$200.00	\$800.00
7	630	SIGNING MISC.; ADDITIONAL SIGNS, GROUND MOUNTED, AS DIRECTED BY THE ENGINEER	16.00	SQ. FT,	\$100.00	\$1,600.00
8	642	YELLOW EDGE LINE, 6", TYPE 1	0.20	MILE	\$6,000.00	\$1,200.00
9	642	WHITE EDGE LINE, 6", TYPE 1	0.20	MILE	\$6,000.00	\$1,200.00
10	642	WHITE LANE LINE, 6", TYPE 1	0.20	MILE	\$6,000.00	\$1,200.00
11	SP 202	PORTIONS OF STRUCTURE REMOVED	1.00	LUMP	\$600.00	\$600.00
12	SP 509	EPOXY COATED REINFORCING STEEL, GRADE 60	100.00	POUND	\$3.00	\$300.00
13	513	WELDED STUD SHEAR CONNECTORS, AS PER PLAN (**)	10.00	EACH	\$33.00	\$330.00
14	SP 516A	CRACK REPAIR USING EPOXY INJECTION (**)	30.00	FOOT	\$110.00	\$3,300.00
15	SP 516B	SEALING OF CONSTRUCTION JOINTS	1,745.00	FOOT	\$8.00	\$13,960.00
16	SP 519	PATCHING CONCRETE STRUCTURES	20.00	SQ. FT.	\$135.00	\$2,700.00
17	SP 527	FALSEWORK, TEMPORARY BRACING, AND PROTECTIVE STRUCTURES	1.00	LUMP	\$70,000.00	\$70,000.00
18	SP 536	CONCRETE WEATHERPROOFING, BARRIERS AND PARAPETS	745.00	SQ. YD.	\$12.80	\$9,536.00

19	SP 536	CONCRETE WEATHERPROOFING, DECK, ABUTMENT SLABS AND APPROACH SLABS	2,223.00	SQ. YD.	\$10.00	\$22,230.00
20	848	MICRO-SILICA MODIFIED CONCRETE OVERLAY USING HYDRODEMOLITION, 2" THICK	1,434.00	SQ. YD.	\$95.00	\$136,230.00
21	848	SURFACE PREPARATION USING HYDRODEMOLITION	1,434.00	SQ. YD.	\$100.00	\$143,400.00
22	848	MICRO-SILICA MODIFIED CONCRETE OVERLAY (VARIABLE THICKNESS), MATERIAL ONLY	40.00	CU. YD.	\$320.00	\$12,800.00
23	848	TEST SLAB	4.00	CU. YD.	\$424.00	\$1,696.00
24	848	FULL DEPTH REPAIR	18.00	CU. YD.	\$742.00	\$13,356.00
25	848	HAND CHIPPING	9.00	SQ. YD.	\$265.00	\$2,385.00
Total:						\$438,823.00

PART B - BRIDGE REPLACEMENT (Ref. Nos. 26 - 121)

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
26	201	CLEARING AND GRUBBING	1.00	LUMP	\$12,000.00	\$12,000.00
27	202	PAVEMENT REMOVED	636.00	SQ. YD.	\$23.00	\$14,628.00
28	202	GUARDRAIL REMOVED	1,051.00	FOOT	\$2.00	\$2,102.00
29	202	BRIDGE TERMINAL ASSEMBLY REMOVED	8.00	EACH	\$120.00	\$960.00
30	202	CATCH BASIN OR INLET REMOVED	2.00	EACH	\$750.00	\$1,500.00
31	202	FENCE REMOVED	504.00	FOOT	\$2.00	\$1,008.00
32	203	EXCAVATION	1,923.00	CU. YD.	\$12.00	\$23,076.00
33	203	EMBANKMENT	17,332.00	CU. YD.	\$18.00	\$311,976.00
34	204	SUBGRADE COMPACTION	4,851.00	SQ. YD.	\$2.00	\$9,702.00
35	204	EXCAVATION OF SUBGRADE	100.00	CU. YD.	\$25.00	\$2,500.00
36	204	EMBANKMENT	100.00	CU. YD.	\$66.00	\$6,600.00
37	606	GUARDRAIL, TYPE MGS WITH LONG STEEL POSTS	1,315.00	FOOT	\$25.00	\$32,875.00
38	606	ANCHOR ASSEMBLY, TYPE E	2.00	EACH	\$2,600.00	\$5,200.00
39	607	FENCE, TYPE 47, AS PER PLAN	566.00	FOOT	\$22.00	\$12,452.00
40	609	ASPHALT CONCRETE CURB, TYPE 1	790.00	FOOT	\$20.00	\$15,800.00
41	607	FENCE REMOVED AND REBUILT	95.00	FOOT	\$19.00	\$1,805.00
42	630	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION	2.00	EACH	\$145.00	\$290.00
43	SP 113	SWPPP MANAGEMENT	1.00	LUMP	\$15,000.00	\$15,000.00

44	659	SOIL ANALYSIS TEST	4.00	EACH	\$110.00	\$440.00
45	659	TOPSOIL	1,372.00	CU. YD.	\$35.00	\$48,020.00
46	659	SEEDING AND MULCHING	3,927.00	SQ. YD.	\$1.50	\$5,890.50
47	659	REPAIR SEEDING AND MULCHING	196.00	SQ. YD.	\$0.45	\$88.20
48	659	INTER-SEEDING	196.00	SQ. YD.	\$0.10	\$19.60
49	659	COMMERCIAL FERTILIZER	1.00	TON	\$600.00	\$600.00
50	659	LIME	1.00	ACRE	\$115.00	\$115.00
51	659	WATER	11.00	M GAL	\$1.00	\$11.00
52	832	DITCH EROSION CONTROL PROTECTION, TYPE A	383.00	SQ. YD.	\$2.50	\$957.50
53	832	EROSION CONTROL	30,000.00	EACH	\$1.00	\$30,000.00
54	SP 605	6" SHALLOW PIPE UNDERDRAINS WITH FABRIC WRAP (D=30")	1,580.00	FOOT	\$16.25	\$25,675.00
55	SP 605	6" BASE PIPE UNDERDRAINS WITH FABRIC WRAP (D=18")	790.00	FOOT	\$15.00	\$11,850.00
56	611	6" CONDUIT, TYPE F, 707.33	100.00	FOOT	\$24.00	\$2,400.00
57	611	CATCH BASIN ADJUSTED TO GRADE	1.00	EACH	\$1,200.00	\$1,200.00
58	611	CATCH BASIN RECONSTRUCTED TO GRADE, AS PER PLAN	2.00	EACH	\$1,350.00	\$2,700.00
59	611	PRECAST REINFORCED CONCRETE OUTLET	4.00	EACH	\$800.00	\$3,200.00
60	611	INLET RECONSTRUCTED TO GRADE	1.00	EACH	\$1,500.00	\$1,500.00
61	204	PROOF ROLLING	3.00	HOUR	\$325.00	\$975.00
62	SP 302	ASPHALT CONCRETE BASE, PG 64-22	1,388.00	CU. YD.	\$110.00	\$152,680.00
63	SP 304	AGGREGATE BASE	1,418.00	CU. YD.	\$70.00	\$99,260.00
64	SP 402	ASPHALT CONCRETE INTERMEDIATE COURSE, PG 70-22 (FR)	245.00	CU. YD.	\$200.00	\$49,000.00
65	SP 404	ASPHALT CONCRETE SURFACE COURSE, USING CRUSHED SLAG, PG 70-22 (FR)	175.00	CU. YD.	\$300.00	\$52,500.00
66	407	NON-TRACKING TACK COAT	582.00	GALLON	\$2.80	\$1,629.60
67	621	RAISED PAVEMENT MARKER REMOVED	10.00	EACH	\$10.00	\$100.00
68	SP 621	RAISED PAVEMENT MARKER (WHITE)	10.00	EACH	\$300.00	\$3,000.00
69	SP 626	BARRIER REFLECTOR	17.00	EACH	\$6.00	\$102.00
70	642	EDGE LINE, 6"	7.46	MILE	\$900.00	\$6,714.00
71	642	LANE LINE, 6"	3.73	MILE	\$900.00	\$3,357.00
72	SPECIAL	SONIC NAP ALERT PATTERN (SNAP)	7.46	MILE	\$1,000.00	\$7,460.00

73	614	MAINTAINING TRAFFIC, MISC.: MILL CREEK BIKEWAY DETOUR	1.00	LUMP	\$100,000.00	\$100,000.00
74	614	WORK ZONE IMPACT ATTENUATOR FOR 24" WIDE HAZARDS (BIDIRECTIONAL)	2.00	EACH	\$2,000.00	\$4,000.00
75	614	WORK ZONE CROSSOVER LIGHTING SYSTEM	2.00	EACH	\$40,000.00	\$80,000.00
76	614	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN	480.00	DAY	\$50.00	\$24,000.00
77	SP 404	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC ON CROSSOVERS, PG 64-22	120.00	CU. YD.	\$400.00	\$48,000.00
78	SP 614	ZONE PERSON	8,640.00	HOUR	\$100.00	\$864,000.00
79	SP 622A	32" TEMPORARY PORTABLE BARRIER (WITHOUT GLARE SCREEN)	1.00	LUMP	\$10,000.00	\$10,000.00
80	SP 622A	32" TEMPORARY PORTABLE BARRIER (WITH GLARE SCREEN)	1.00	LUMP	\$296,000.00	\$296,000.00
81	SP 626A	CONSTRUCTION ZONE MARKER, ONE-WAY MODEL, WHITE	3,940.00	EACH	\$6.00	\$23,640.00
82	SP 626A	CONSTRUCTION ZONE MARKER, ONE-WAY MODEL, YELLOW	3,940.00	EACH	\$6.00	\$23,640.00
83	SP 641C	REMOVAL OF PAVEMENT MARKING	6.00	MILE	\$3,000.00	\$18,000.00
84	SPECIAL	"SNAP" MILL AND FILL	38,080.00	FOOT	\$5.50	\$209,440.00
85	SPECIAL	EXISTING CROSSOVER TO BE CLOSED/RE-OPENED	1.00	LUMP	\$20,000.00	\$20,000.00
86	606	ANCHOR ASSEMBLY, TYPE T	1.00	EACH	\$950.00	\$950.00
87	625	NO. 8 AWG CABLE	800.00	FOOT	\$2.00	\$1,600.00
88	625	CONDUIT, 1", 725.04	450.00	FOOT	\$15.00	\$6,750.00
89	625	CONDUIT, 1", 725.051	350.00	FOOT	\$6.00	\$2,100.00
90	625	LUMINAIRE, MISC.: BIKEWAY CULVERT LIGHTING	12.00	EACH	\$900.00	\$10,800.00
91	625	TRENCH, 24" DEEP	450.00	FOOT	\$12.00	\$5,400.00
92	625	PULLBOX, 725.08	1.00	EACH	\$1,000.00	\$1,000.00
93	625	JUNCTION BOX	12.00	EACH	\$700.00	\$8,400.00
94	625	POWER SERVICE, AS PER PLAN, PS1	1.00	LUMP	\$9,000.00	\$9,000.00
95	625	POWER SERVICE, AS PER PLAN, PS2	1.00	LUMP	\$6,000.00	\$6,000.00
96	SP 202	PORTIONS OF STRUCTURE REMOVED	1.00	LUMP	\$295,000.00	\$295,000.00
97	SP 202	APPROACH SLAB REMOVED	343.00	SQ. YD.	\$50.00	\$17,150.00
98	SP 202	UNCLASSIFIED EXCAVATION, AS PER PLAN	342.00	CU. YD.	\$100.00	\$34,200.00

99	SP 509	EPOXY COATED REINFORCING STEEL	205,811.00	POUND	\$1.50	\$308,716.50
100	511	CLASS QC1 CONCRETE	1,263.00	CU. YD.	\$500.00	\$631,500.00
101	511	CONCRETE, MISC.: MOCKUP PANEL	1.00	EACH	\$5,000.00	\$5,000.00
102	511	CONCRETE, MISC.: FORMLINER	864.00	SQ. FT.	\$12.00	\$10,368.00
103	512	SEALING OF CONCRETE SURFACES, AS PER PLAN (PERMANENT GRAFFITI PROTECTION)	1,005.00	SQ. YD.	\$21.25	\$21,356.25
104	512	TYPE 2 WATERPROOFING	2,061.00	SQ. YD.	\$25.00	\$51,525.00
105	512	SEALING, MISC.: STAINING OF CONCRETE SURFACES	1,005.00	SQ. YD.	\$40.00	\$40,200.00
106	516	1" PREFORMED EXPANSION JOINT FILLER	70.00	SQ. FT.	\$13.00	\$910.00
107	518	POROUS BACKFILL WITH FILTER FABRIC	1,027.00	CU. YD.	\$70.00	\$71,890.00
108	518	6" PERFORATED CORRUGATED PLASTIC PIPE	584.00	FOOT	\$6.00	\$3,504.00
109	518	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS	8.00	FOOT	\$110.00	\$880.00
110	SP 536	CONCRETE WEATHERPROOFING	1,005.00	SQ. YD.	\$14.00	\$14,070.00
111	611	CONDUIT, TYPE A, PRECAST REINFORCED ARCH SECTIONS, AS PER PLAN (20'-SPAN X 10' RISE)	216.00	FOOT	\$1,300.00	\$280,800.00
112	840	MECHANICALLY STABILIZED EARTH WALL	6,517.00	SQ. FT.	\$20.00	\$130,340.00
113	840	WALL EXCAVATION	2,189.00	CU. YD.	\$12.00	\$26,268.00
114	840	FOUNDATION PREPARATION	690.00	SQ. YD.	\$50.00	\$34,500.00
115	840	SELECT GRANULAR BACKFILL	4,371.00	CU. YD.	\$85.00	\$371,535.00
116	840	6" DRAINAGE PIPE, PERFORATED CORRUGATED PLASTIC PIPE	704.00	FOOT	\$4.00	\$2,816.00
117	840	6' DRAINAGE PIPE, NON-PERFORATED CORRUGATED PLASTIC PIPE	8.00	FOOT	\$25.00	\$200.00
118	840	CONCRETE COPING	318.00	FOOT	\$85.00	\$27,030.00
119	840	ON-SITE ASSISTANCE	4.00	DAYS	\$850.00	\$3,400.00

120	840	AESTHETIC SURFACE TREATMENT	5,830.00	SQ. FT.	\$5.00	\$29,150.00
121	840	SGB INSPECTION AND COMPACTION TESTING	1.00	LUMP	\$7,500.00	\$7,500.00
122	304	AGGREGATE BASE	1,138.00	CY	\$75.00	\$85,350.00
123	614	REPLACEMENT SIGN	5.00	EACH	\$107.00	\$535.00
124	630	SIGNING MISC.: ADDITIONAL SIGNS, GROUND MOUNTED, AS DIRECTED BY THE ENGINEER	16.00	EACH	\$105.00	\$1,680.00
125	SP 527	FALSEWORK, TEMPORARY BRACING AND PROTECTIVE STRUCTURES	1.00	LUMP	\$86,000.00	\$86,000.00

Total: \$5,347,012.15

TOTAL BID AMOUNT (INCLUDES REF. NO. 1 THRU REF. NO. 125)

\$7,296,335.15