

SAN-CR 201-0.31 BRIDGE SUPERSTRUCTURE REPLACEMENT (PID# 119051)

in Sandusky County, Ohio

Bid Tabulation

Date: December 12, 2023

Time: 10:30 AM

Estimate: \$1,873,282.03

<i>Great Lakes Demolition Co., LLC</i> 1170 N. Main Street Clyde, Ohio 43410	<i>Vernon Nagel, Inc.</i> 154 County Road 11C Napoleon, Ohio 43545	<i>E. S. Wagner Co.</i> 840 Patchen Road Oregon, Ohio 43616	<i>RG Zachrich Construction, Inc.</i> 10105 Haller Street Defiance, Ohio 43512	<i>Mosser Construction, Inc.</i> 122 S. Wilson Avenue Fremont, Ohio 43420	<i>Miller Bros. Const., Inc.</i> 1613 S. Defiance Street Archbold, Ohio 43502
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Bid Bond	Bid Bond	Bid Bond	Bid Bond	Bid Bond	Bid Bond
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Ref. No.	Spec. No.	Item Description	Quantity	Unit	Unit Price Bid	Total Price	Unit Price Bid	Total Price	Unit Price Bid	Total Price	Unit Price Bid	Total Price	Unit Price Bid	Total Price	Unit Price Bid	Total Price
1	103.05	Premium for Contract Performance Bond	Lump	Sum	\$15,500.00	\$15,500.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$27,000.00	\$27,000.00	\$13,000.00	\$13,000.00	\$20,000.00	\$20,000.00
ROADWAY																
2	201	Clearing and Grubbing, as per Plan	Lump	Sum	\$500.00	\$500.00	\$10,000.00	\$10,000.00	\$3,000.00	\$3,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$10,000.00	\$10,000.00
3	202	Pavement Removed	317	S.Y.	\$30.00	\$9,510.00	\$18.00	\$5,706.00	\$14.83	\$4,701.11	\$10.00	\$3,170.00	\$13.00	\$4,121.00	\$9.00	\$2,853.00
4	202	Guardrail Removed	225	Ft.	\$2.50	\$562.50	\$3.50	\$787.50	\$1.80	\$405.00	\$2.00	\$450.00	\$4.00	\$900.00	\$1.80	\$405.00
5	203	Excavation, including Embankment	Lump	Sum	\$8,500.00	\$8,500.00	\$4,000.00	\$4,000.00	\$11,512.00	\$11,512.00	\$12,500.00	\$12,500.00	\$100.00	\$100.00	\$5,000.00	\$5,000.00
6	204	Subgrade Compaction	561	S.Y.	\$2.00	\$1,122.00	\$1.00	\$561.00	\$4.98	\$2,793.78	\$2.00	\$1,122.00	\$5.00	\$2,805.00	\$2.00	\$1,122.00
7	204	Proof Rolling	1	Hour	\$180.00	\$180.00	\$180.00	\$180.00	\$333.62	\$333.62	\$100.00	\$100.00	\$210.00	\$210.00	\$200.00	\$200.00
8	606	Guardrail, Type MGS with Long Posts	100.00	Ft.	\$25.00	\$2,500.00	\$22.40	\$2,240.00	\$22.40	\$2,240.00	\$300.00	\$30,000.00	\$22.40	\$2,240.00	\$22.40	\$2,240.00
9	606	Anchor Assembly, MGS Type T	2	Each	\$1,500.00	\$3,000.00	\$1,320.00	\$2,640.00	\$1,320.00	\$2,640.00	\$1,320.00	\$2,640.00	\$1,320.00	\$2,640.00	\$1,320.00	\$2,640.00
10	606	MGS Bridge Terminal Assembly, Type 1	4	Each	\$2,500.00	\$10,000.00	\$2,220.00	\$8,880.00	\$2,220.00	\$8,880.00	\$2,220.00	\$8,880.00	\$2,220.00	\$8,880.00	\$2,220.00	\$8,880.00
EROSION CONTROL																
11	659	Seeding and Mulching, as per Plan	Lump	Sum	\$3,500.00	\$3,500.00	\$2,500.00	\$2,500.00	\$8,400.00	\$8,400.00	\$6,000.00	\$6,000.00	\$2,500.00	\$2,500.00	\$9,000.00	\$9,000.00
12	832	Erosion Control	1,500	Each	\$1.00	\$1,500.00	\$1.00	\$1,500.00	\$1.00	\$1,500.00	\$1.00	\$1,500.00	\$1.00	\$1,500.00	\$1.00	\$1,500.00
DRAINAGE																
13	605	Aggregate Drains	20	Ft.	\$10.00	\$200.00	\$12.00	\$240.00	\$17.05	\$341.00	\$20.00	\$400.00	\$22.00	\$440.00	\$18.00	\$360.00
PAVEMENT																
14	301	Asphalt Concrete Base, PG64-22, (449)	48	C.Y.	\$315.00	\$15,120.00	\$350.00	\$16,800.00	\$330.00	\$15,840.00	\$300.00	\$14,400.00	\$300.00	\$14,400.00	\$330.00	\$15,840.00
15	304	Aggregate Base	91	C.Y.	\$55.00	\$5,005.00	\$50.00	\$4,550.00	\$71.49	\$6,505.59	\$65.00	\$5,915.00	\$95.00	\$8,645.00	\$70.00	\$6,370.00
16	407	Tack Coat	38	Gal.	\$5.00	\$190.00	\$4.00	\$152.00	\$1.00	\$38.00	\$5.00	\$190.00	\$5.00	\$190.00	\$1.00	\$38.00
17	411	Stabilized Crushed Aggregate	7	C.Y.	\$85.00	\$595.00	\$65.00	\$455.00	\$207.66	\$1,453.62	\$150.00	\$1,050.00	\$120.00	\$840.00	\$90.00	\$630.00
18	441	Asphalt Concrete Surface Course, Type 1, (449), PG64-22	26	C.Y.	\$350.00	\$9,100.00	\$425.00	\$11,050.00	\$410.00	\$10,660.00	\$325.00	\$8,450.00	\$325.00	\$8,450.00	\$410.00	\$10,660.00

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					Unit Price Bid	Total Price	Unit Price Bid	Total Price	Unit Price Bid	Total Price	Unit Price Bid	Total Price	Unit Price Bid	Total Price	Unit Price Bid	Total Price
TRAFFIC CONTROL																
19	626	Barrier Reflector, Type 2	10	Each	\$12.00	\$120.00	\$12.00	\$120.00	\$11.96	\$119.60	\$11.96	\$119.60	\$11.96	\$119.60	\$11.96	\$119.60
20	630	Ground Mounted Support, No. 3 Post	42	Ft.	\$15.00	\$630.00	\$27.00	\$1,134.00	\$15.00	\$630.00	\$26.54	\$1,114.68	\$15.00	\$630.00	\$15.00	\$630.00
21	630	Sign, Flat Sheet	16	S.F.	\$20.00	\$320.00	\$32.00	\$512.00	\$20.00	\$320.00	\$31.86	\$509.76	\$20.00	\$320.00	\$20.00	\$320.00
22	642	Center Line	0.08	Mile	\$12,000.00	\$960.00	\$5,000.00	\$400.00	\$8,125.00	\$650.00	\$15,700.00	\$1,256.00	\$12,000.00	\$960.00	\$15,700.00	\$1,256.00
23	642	Edge Line, 4"	0.16	Mile	\$6,000.00	\$960.00	\$5,000.00	\$800.00	\$8,125.00	\$1,300.00	\$9,700.00	\$1,552.00	\$6,000.00	\$960.00	\$9,700.00	\$1,552.00
GENERAL																
24	614	Maintaining Traffic	Lump	Sum	\$8,500.00	\$8,500.00	\$2,500.00	\$2,500.00	\$11,551.74	\$11,551.74	\$5,000.00	\$5,000.00	\$4,850.00	\$4,850.00	\$3,200.00	\$3,200.00
25	614	Detour Signing	Lump	Sum	\$4,500.00	\$4,500.00	\$5,000.00	\$5,000.00	\$7,382.92	\$7,382.92	\$5,000.00	\$5,000.00	\$3,500.00	\$3,500.00	\$4,000.00	\$4,000.00
26	623	Construction Layout Stakes and Surveying	Lump	Sum	\$20,000.00	\$20,000.00	\$2,300.00	\$2,300.00	\$5,000.00	\$5,000.00	\$8,500.00	\$8,500.00	\$7,500.00	\$7,500.00	\$12,000.00	\$12,000.00
27	624	Mobilization	Lump	Sum	\$85,250.00	\$85,250.00	\$40,000.00	\$40,000.00	\$100,000.00	\$100,000.00	\$50,000.00	\$50,000.00	\$100,000.00	\$100,000.00	\$40,000.00	\$40,000.00
ESTIMATED BRIDGE QUANTITIES																
28	202	Portions of Structure Removed, over 20 foot span, as per Plan	Lump	Sum	\$60,000.00	\$60,000.00	\$225,000.00	\$225,000.00	\$275,000.00	\$275,000.00	\$360,000.00	\$360,000.00	\$368,000.00	\$368,000.00	\$370,000.00	\$370,000.00
29	202	Approach Slab Removed	200	S.Y.	\$16.00	\$3,200.00	\$30.00	\$6,000.00	\$58.44	\$11,688.00	\$50.00	\$10,000.00	\$65.00	\$13,000.00	\$40.00	\$8,000.00
30	202	Wearing Course Removed	1,351	S.Y.	\$9.00	\$12,159.00	\$5.00	\$6,755.00	\$5.66	\$7,646.66	\$10.00	\$13,510.00	\$5.00	\$6,755.00	\$4.75	\$6,417.25
31	503	Cofferdams and Excavation Bracing	Lump	Sum	\$50,000.00	\$50,000.00	\$115,000.00	\$115,000.00	\$145,000.00	\$145,000.00	\$100,000.00	\$100,000.00	\$312,000.00	\$312,000.00	\$225,000.00	\$225,000.00
32	503	Unclassified Excavation	Lump	Sum	\$8,500.00	\$8,500.00	\$3,500.00	\$3,500.00	\$5,530.40	\$5,530.40	\$20,000.00	\$20,000.00	\$6,000.00	\$6,000.00	\$5,500.00	\$5,500.00
33	509	Epoxy Coated Reinforcing Steel	55,894	LB	\$1.35	\$75,456.90	\$1.35	\$75,456.90	\$1.38	\$77,133.72	\$1.50	\$83,841.00	\$1.50	\$83,841.00	\$1.50	\$83,841.00
34	509	Reinforcing Steel, Replacement of Existing Reinforcing Steel, as per Plan	100	LB	\$6.00	\$600.00	\$1.39	\$139.00	\$2.64	\$264.00	\$25.00	\$2,500.00	\$1.50	\$150.00	\$2.00	\$200.00
35	510	Dowel Holes with Nonshrink, Nonmetallic Grout	38	Each	\$40.00	\$1,520.00	\$20.00	\$760.00	\$31.98	\$1,215.24	\$25.00	\$950.00	\$28.00	\$1,064.00	\$27.00	\$1,026.00

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ESTIMATED BRIDGE QUANTITIES (cont'd)																
36	511	Class QC2 Concrete, Superstructure, as per Plan	284	C.Y.	\$950.00	\$269,800.00	\$700.00	\$198,800.00	\$669.28	\$190,075.52	\$600.00	\$170,400.00	\$485.00	\$137,740.00	\$800.00	\$227,200.00
37	511	Class QC1 Concrete, Pier above Footings, as per Plan	72	C.Y.	\$850.00	\$61,200.00	\$900.00	\$64,800.00	\$1,783.84	\$128,436.48	\$1,062.00	*\$76,464.00	\$670.00	\$48,240.00	\$1,175.00	\$84,600.00
38	511	Class QC1 Concrete, Abutment not including Footing, as per Plan	2	C.Y.	\$1,000.00	\$2,000.00	\$1,400.00	\$2,800.00	\$2,399.36	\$4,798.72	\$2,940.00	\$5,880.00	\$1,700.00	\$3,400.00	\$2,100.00	\$4,200.00
39	512	Sealing of Concrete Surfaces (Epoxy-Urethane)	283	S.Y.	\$20.00	\$5,660.00	\$25.00	\$7,075.00	\$32.00	\$9,056.00	\$32.00	\$9,056.00	\$31.00	\$8,773.00	\$32.00	\$9,056.00
40	515	Prestressed Concrete Composite Box Beam Bridge Members, Level 1, CB27-48 (69.48' Span)	36	Each	\$20,000.00	\$720,000.00	\$20,800.00	\$748,800.00	\$18,900.00	\$680,400.00	\$22,885.00	\$823,860.00	\$20,500.00	\$738,000.00	\$20,000.00	\$720,000.00
41	516	1" Preformed Expansion Joint Filler	26	S.F.	\$15.00	\$390.00	\$10.00	\$260.00	\$10.60	\$275.60	\$9.00	\$234.00	\$7.00	\$182.00	\$9.00	\$234.00
42	516	Semi-Integral Abutment Expansion Joint Seal	90	Ft.	\$25.00	\$2,250.00	\$38.00	\$3,420.00	\$36.54	\$3,288.60	\$38.00	\$3,420.00	\$45.00	\$4,050.00	\$32.00	\$2,880.00
43	516	1/8" Preformed Bearing Pad	72	Each	\$40.00	\$2,880.00	\$43.00	\$3,096.00	\$91.89	\$6,616.08	\$10.00	\$720.00	\$35.00	\$2,520.00	\$35.00	\$2,520.00
44	516	Elastomeric Bearing with Internal Laminates Only (Neoprene) (2" x 6.5" x 16")	144	Each	\$165.00	\$23,760.00	\$160.00	\$23,040.00	\$276.65	\$39,837.60	\$150.00	\$21,600.00	\$185.00	\$26,640.00	\$165.00	\$23,760.00
45	517	Railing (Twin Steel Tube)	585.36	Ft.	\$205.00	\$119,998.80	\$202.50	\$118,535.40	\$202.50	\$118,535.40	\$202.50	\$118,535.40	\$202.50	\$118,535.40	\$202.50	\$118,535.40
46	518	Porous Backfill with Geotextile Fabric	Lump	Sum	\$2,500.00	\$2,500.00	\$1,500.00	\$1,500.00	\$3,390.46	\$3,390.46	\$12,500.00	\$12,500.00	\$2,300.00	\$2,300.00	\$3,000.00	\$3,000.00
47	Special	Steel Drip Strip	712	Ft.	\$12.00	\$8,544.00	\$12.00	\$8,544.00	\$16.35	\$11,641.20	\$18.00	\$12,816.00	\$22.00	\$15,664.00	\$19.00	\$13,528.00
48	519	Patching Concrete Structure	49	S.F.	\$200.00	\$9,800.00	\$115.00	\$5,635.00	\$203.31	\$9,962.19	\$150.00	\$7,350.00	\$115.00	\$5,635.00	\$125.00	\$6,125.00
49	526	Reinforced Concrete Approach Slab (T=15")	200	S.Y.	\$260.00	\$52,000.00	\$350.00	\$70,000.00	\$324.09	\$64,818.00	\$327.00	\$65,400.00	\$275.00	\$55,000.00	\$375.00	\$75,000.00
50	526	Type A Installation	82	Ft.	\$240.00	\$19,680.00	\$120.00	\$9,840.00	\$160.00	\$13,120.00	\$142.50	\$11,685.00	\$250.00	\$20,500.00	\$200.00	\$16,400.00
51	846	Polymer Modified Asphalt Expansion Joint System	25	C.F.	\$500.00	\$12,500.00	\$690.00	\$17,250.00	\$689.39	\$17,234.75	\$690.00	\$17,250.00	\$425.00	\$10,625.00	\$689.39	\$17,234.75
TOTAL BASE BID:					\$1,732,223.20		\$1,861,013.80		\$2,053,162.60		\$2,149,790.44		\$2,184,315.00		\$2,185,073.00	

*corrected amount