



2023 MIAMI COUNTY BRIDGE PACKAGE

BID TABULATION

Tuesday, June 6, 2023 at 9:05 AM

						Brumbaugh Construction 3520 St. Rt. 49 PO Box 309 Arcanum, Ohio 45304		Eagle Bridge Co. 800 S. Vandemark Road PO Box 59 Sidney, Ohio 45365	
ITEM	ITEM NO.	DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	
CASSTOWN--SIDNEY ROAD BRIDGE NO. 04.95 REPLACEMENT (MIA-CR21-04.95)									
ROADWAY									
1	201	CLEARING AND GRUBBING, AS PER PLAN	1	LS	\$5,070.50	\$5,070.50	\$5,000.00	\$5,000.00	
2	202	REMOVED, AS PER PLAN	1	LS	\$900.00	\$900.00	\$1,000.00	\$1,000.00	
3	202	WEARING COURSE REMOVED	180	SY	\$13.00	\$2,340.00	\$15.00	\$2,700.00	
4	202	FENCE REMOVED	53	FT	\$10.00	\$530.00	\$7.00	\$371.00	
5	203	EXCAVATION, AS PER PLAN	215	CY	\$30.00	\$6,450.00	\$40.00	\$8,600.00	
6	203	EMBANKMENT	254	CY	\$33.00	\$8,382.00	\$20.00	\$5,080.00	
7	204	SUBGRADE COMPACTION, AS PER PLAN	525	SY	\$2.00	\$1,050.00	\$4.00	\$2,100.00	
8	304	AGGREGATE BASE	134	CY	\$70.00	\$9,380.00	\$100.00	\$13,400.00	
9	407	NON-TRACKING TACK COAT, 0.06 GA/SY	43	GAL	\$21.00	\$903.00	\$24.00	\$1,032.00	
10	441	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (449)	48	CY	\$315.00	\$15,120.00	\$270.00	\$12,960.00	
11	441	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG 64-22	39	CY	\$315.00	\$12,285.00	\$300.00	\$11,700.00	
12	606	GUARDRAIL, TYPE MGS	100	FT	\$29.50	\$2,950.00	\$28.00	\$2,800.00	
13	606	ANCHOR ASSEMBLY, MGS TYPE A	3	EA	\$1,650.00	\$4,950.00	\$1,550.00	\$4,650.00	
14	606	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 4, AS PER PLAN	4	EA	\$845.00	\$3,380.00	\$800.00	\$3,200.00	
15	611	12" CONDUIT, TYPE C (707.33)	84	FT	\$45.00	\$3,780.00	\$70.00	\$5,880.00	
16	626	BARRIER REFLECTOR, TYPE 1, (BIDIRECTIONAL)	8	EA	\$10.00	\$80.00	\$10.00	\$80.00	
17	659	SEEDING AND MULCHING, CLASS 2, AS PER PLAN	650	SY	\$3.50	\$2,275.00	\$8.00	\$5,200.00	
18	690	SPECIAL – MAILBOX REMOVED AND RESET	1	EA	\$350.00	\$350.00	\$250.00	\$250.00	
19	832	EROSION CONTROL	2,500	EA	\$1.00	\$2,500.00	\$1.00	\$2,500.00	
STRUCTURE									
20	202	STRUCTURE REMOVED, OVER 20' SPAN, AS PER PLAN	1	LS	\$45,000.00	\$45,000.00	\$65,000.00	\$65,000.00	
21	503	UNCLASSIFIED EXCAVATION	1	LS	\$34,000.00	\$34,000.00	\$35,000.00	\$35,000.00	
22	505	PILE DRIVING EQUIPMENT MOBILIZATION	1	LS	\$21,000.00	\$21,000.00	\$15,000.00	\$15,000.00	
23	507	STEEL PILES HP12x74, FURNISHED, AS PER PLAN	810	FT	\$60.00	\$48,600.00	\$80.00	\$64,800.00	
24	507	STEEL PILES HP12x74, DRIVEN, AS PER PLAN	720	FT	\$5.00	\$3,600.00	\$6.00	\$4,320.00	
25	509	EPOXY COATED REINFORCING STEEL, AS PER PLAN	3,759	LB	\$2.00	\$7,518.00	\$2.50	\$9,397.50	
26	511	CLASS QC1 CONCRETE, ABUTMENT SEATS	37	CY	\$665.00	\$24,605.00	\$600.00	\$22,200.00	
27	511	CLASS QC1 CONCRETE, WINGWALLS	10	CY	\$500.00	\$5,000.00	\$1,100.00	\$11,000.00	
28	512	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE), AS PER PLAN	327	SY	\$12.00	\$3,924.00	\$25.00	\$8,175.00	
29	512	TYPE 3 WATERPROOFING	270	SY	\$45.00	\$12,150.00	\$45.00	\$12,150.00	
30	515	PRESTRESSED CONCRETE NON-COMPOSITE BOX BEAM BRIDGE MEMBERS, LEVEL 1, B42-48 (85'-0")	7	EA	\$36,750.00	\$257,250.00	\$42,000.00	\$294,000.00	
31	516	1" PREFORMED EXPANSION JOINT FILLER	51	SF	\$11.00	\$561.00	\$8.00	\$408.00	
32	516	NYLON REINFORCED NEOPRENE SHEETING	177	SF	\$13.50	\$2,389.50	\$15.00	\$2,655.00	
33	516	1/8" PREFORMED BEARING PAD	14	EA	\$40.00	\$560.00	\$20.00	\$280.00	
34	516	ELASTOMERIC BEARING WITH INTERNAL LAMINATES ONLY (NEOPRENE) (10"x10"x2")	28	EA	\$235.00	\$6,580.00	\$250.00	\$7,000.00	
35	517	RAILING (DEEP BEAM WITH STEEL TUBULAR BACKUP AND TYPE 2 STEEL POSTS AND ANCHOR BOLTS), AS PER PLAN	184.5	FT	\$168.00	\$30,996.00	\$160.00	\$29,520.00	

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ITEM	ITEM NO.	DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT
36	518	POROUS BACKFILL WITH GEOTEXTILE FABRIC	29	CY	\$79.00	\$2,291.00	\$125.00	\$3,625.00
37	518	SPECIAL - STEEL DRIP STRIP	194	FT	\$16.00	\$3,104.00	\$15.00	\$2,910.00
38	518	6" PERFORATED CORRUGATED PLASTIC PIPE	84	FT	\$5.00	\$420.00	\$15.00	\$1,260.00
39	518	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS	32	FT	\$5.00	\$160.00	\$20.00	\$640.00
40	601	ROCK CHANNEL PROTECTION, TYPE B, WITH GEOTEXTILE FABRIC	73	CY	\$125.00	\$9,125.00	\$100.00	\$7,300.00
INCIDENTALS								
41	614	MAINTAINING TRAFFIC	1	LS	\$2,000.00	\$2,000.00	\$1,500.00	\$1,500.00
42	623	CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN	1	LS	\$4,500.00	\$4,500.00	\$6,500.00	\$6,500.00
SUB-TOTALS:						\$608,009.00		\$693,143.50
UNION-CHURCH ROAD BRIDGE NO. 03.31 REPLACEMENT (MIA-TR90-03.31)								
ROADWAY								
1	201	CLEARING AND GRUBBING, AS PER PLAN	1	LS	\$13,265.00	\$13,265.00	\$15,000.00	\$15,000.00
2	202	REMOVED, AS PER PLAN	1	LS	\$2,000.00	\$2,000.00	\$1,000.00	\$1,000.00
3	202	WEARING COURSE REMOVED	116	SY	\$14.00	\$1,624.00	\$15.00	\$1,740.00
4	202	FENCE REMOVED	82	FT	\$7.00	\$574.00	\$7.00	\$574.00
5	203	EXCAVATION	145	CY	\$35.00	\$5,075.00	\$50.00	\$7,250.00
6	203	EMBANKMENT	86	CY	\$42.00	\$3,612.00	\$45.00	\$3,870.00
7	204	SUBGRADE COMPACTION, AS PER PLAN	286	SY	\$2.50	\$715.00	\$7.00	\$2,002.00
8	304	9" AGGREGATE BASE	72	CY	\$82.00	\$5,904.00	\$100.00	\$7,200.00
9	407	NON-TRACKING TACK COAT, 0.06 GA/SY	27	GAL	\$20.00	\$540.00	\$35.00	\$945.00
10	441	2" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (449)	33	CY	\$315.00	\$10,395.00	\$316.00	\$10,428.00
11	441	2" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG 64-22	26	CY	\$315.00	\$8,190.00	\$355.00	\$9,230.00
12	606	GUARDRAIL, TYPE MGS	100	FT	\$29.50	\$2,950.00	\$28.00	\$2,800.00
13	606	BRIDGE TERMINAL ASSEMBLY, TYPE 4, AS PER PLAN	4	EA	\$840.00	\$3,360.00	\$800.00	\$3,200.00
14	606	ANCHOR ASSEMBLY, MGS TYPE A	4	EA	\$1,600.00	\$6,400.00	\$1,550.00	\$6,200.00
15	611	12" CONDUIT, TYPE C (707.33)	74	FT	\$45.00	\$3,330.00	\$60.00	\$4,440.00
16	611	TYPE 2-2B CATCH BASIN, AS PER PLAN	1	EA	\$1,600.00	\$1,600.00	\$2,500.00	\$2,500.00
17	626	BARRIER REFLECTOR, TYPE 1, (BIDIRECTIONAL)	8	EA	\$10.00	\$80.00	\$10.00	\$80.00
18	659	SEEDING AND MULCHING, CLASS 2, AS PER PLAN	700	SY	\$3.00	\$2,100.00	\$6.00	\$4,200.00
19	832	EROSION CONTROL	1,500	EA	\$1.00	\$1,500.00	\$1.00	\$1,500.00
STRUCTURE								
20	202	PORTIONS OF STRUCTURE REMOVED, AS PER PLAN	1	LS	\$26,000.00	\$26,000.00	\$45,000.00	\$45,000.00
21	503	UNCLASSIFIED EXCAVATION	1	LS	\$21,000.00	\$21,000.00	\$35,000.00	\$35,000.00
22	505	PILE DRIVING EQUIPMENT MOBILIZATION	1	LS	\$20,000.00	\$20,000.00	\$15,000.00	\$15,000.00
23	507	STEEL PILES HP12x53, FURNISHED, AS PER PLAN	560	FT	\$50.00	\$28,000.00	\$70.00	\$39,200.00
24	507	STEEL PILES HP12x53, DRIVEN, AS PER PLAN	480	FT	\$5.00	\$2,400.00	\$5.00	\$2,400.00
25	509	EPOXY COATED REINFORCING STEEL, AS PER PLAN	3,308	LB	\$2.00	\$6,616.00	\$2.50	\$8,270.00
26	511	CLASS QC1 CONCRETE, ABUTMENT SEATS	35	CY	\$690.00	\$24,150.00	\$600.00	\$21,000.00
27	511	CLASS QC1 CONCRETE, WINGWALLS	6	CY	\$690.00	\$4,140.00	\$1,500.00	\$9,000.00
28	512	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE), AS PER PLAN	240	SY	\$15.00	\$3,600.00	\$25.00	\$6,000.00
29	512	TYPE 3 WATERPROOFING	198	SY	\$38.00	\$7,524.00	\$45.00	\$8,910.00
30	515	PRESTRESSED CONCRETE NON-COMPOSITE BOX BEAM BRIDGE MEMBERS, LEVEL 1, B27x48 (62'-0")	7	EA	\$17,750.00	\$124,250.00	\$20,000.00	\$140,000.00
31	516	1" PREFORMED EXPANSION JOINT FILLER	36	SF	\$10.00	\$360.00	\$8.00	\$288.00
32	516	1/8" PREFORMED BEARING PAD	14	EA	\$33.00	\$462.00	\$20.00	\$280.00

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ITEM	ITEM NO.	DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT
33	516	ELASTOMERIC BEARING WITH INTERNAL LAMINATES ONLY (NEOPRENE) (7"x7"x2")	28	EA	\$175.00	\$4,900.00	\$160.00	\$4,480.00
34	517	RAILING (DEEP BEAM WITH STEEL TUBULAR BACKUP AND TYPE 2 STEEL POSTS AND ANCHOR BOLTS), AS PER PLAN	137.5	FT	\$168.00	\$23,100.00	\$160.00	\$22,000.00
35	518	POROUS BACKFILL WITH GEOTEXTILE FABRIC	26	CY	\$80.00	\$2,080.00	\$125.00	\$3,250.00
36	518	SPECIAL - STEEL DRIP STRIP	151	FT	\$15.00	\$2,265.00	\$17.00	\$2,567.00
37	518	6" PERFORATED CORRUGATED PLASTIC PIPE	80	FT	\$4.00	\$320.00	\$15.00	\$1,200.00
38	518	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS	40	FT	\$4.00	\$160.00	\$20.00	\$800.00
39	601	ROCK CHANNEL PROTECTION, TYPE B, WITH GEOTEXTILE FABRIC	87	CY	\$100.00	\$8,700.00	\$100.00	\$8,700.00
		INCIDENTALS						
40	614	MAINTAINING TRAFFIC	1	LS	\$2,000.00	\$2,000.00	\$1,500.00	\$1,500.00
41	623	CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN	1	LS	\$5,000.00	\$5,000.00	\$6,500.00	\$6,500.00
SUB-TOTALS:						\$390,241.00		\$465,504.00
GRAND TOTALS:						\$998,250.00		\$1,158,647.50

Engineer's Estimate: \$955,968.00