

Muskingum County Engineer  
 Bid Analysis  
 MUS-T.R.90-4.00  
 PID 117331  
 Bridge Replacement Project

Bid Results - May 11, 2023, 9:30am

						Engineer's Estimate		ALB					
Line	Item No.	Ext.	Item Description	Quantity	Unit	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
001	201	11000	CLEARING AND GRUBBING	1	LS	\$5,000.00	\$5,000.00	\$15,000.00	\$15,000.00	\$7,500.00	\$7,500.00	\$2,500.00	\$2,500.00
002	202	7500	FENCE REMOVED	110	CY	\$10.00	\$1,100.00	\$5.00	\$550.00	\$5.00	\$550.00	\$5.00	\$550.00
003	203	10000	EXCAVATION	111	CY	\$50.00	\$5,550.00	\$75.00	\$8,325.00	\$100.00	\$11,100.00	\$25.00	\$2,775.00
004	203	20000	EMBANKMENT	74	CY	\$75.00	\$5,550.00	\$100.00	\$7,400.00	\$100.00	\$7,400.00	\$25.00	\$1,850.00
005	204	10000	SUBGRADE COMPACTION	422	SY	\$10.00	\$4,220.00	\$5.00	\$2,110.00	\$6.00	\$2,532.00	\$2.00	\$844.00
006	606	15050	GUARDRAIL, TYPE MGS	188.00	FT	\$35.00	\$6,580.00	\$25.00	\$4,700.00	\$27.00	\$5,076.00	\$31.00	\$5,828.00
007	606	25550	ANCHOR ASSEMBLY, MGS TYPE A	2	EACH	\$1,500.00	\$3,000.00	\$1,600.00	\$3,200.00	\$1,450.00	\$2,900.00	\$1,950.00	\$3,900.00
008	606	26550	ANCHOR ASSEMBLY, MGS TYPE T	2	EACH	\$1,250.00	\$2,500.00	\$1,400.00	\$2,800.00	\$1,200.00	\$2,400.00	\$1,700.00	\$3,400.00
009	604	32204	ROCK CHANNEL PROTECTION. TYPE C, WITH FABRIC FILTER	25	CY	\$100.00	\$2,500.00	\$125.00	\$3,125.00	\$200.00	\$5,000.00	\$110.00	\$2,750.00
010	659	00530	SEEDING AND MULCHING	161	SY	\$10.00	\$1,610.00	\$10.00	\$1,610.00	\$10.00	\$1,610.00	\$5.00	\$805.00
011	659	20000	COMMERCIAL FERTILIZER	0.03	TON	\$500.00	\$15.00	\$650.00	\$19.50	\$15,000.00	\$450.00	\$3,000.00	\$90.00
012	659	31000	LIME	0.1	ACRE	\$250.00	\$25.00	\$50.00	\$5.00	\$2,000.00	\$200.00	\$1,000.00	\$100.00
013	659	35000	WATER	2	M GAL	\$15.00	\$30.00	\$0.10	\$0.20	\$10.00	\$20.00	\$1.00	\$2.00
014	832	30000	EROSION CONTROL	2000	EACH	\$1.00	\$2,000.00	\$0.01	\$20.00	\$1.00	\$2,000.00	\$0.10	\$200.00
015	301	46000	ASPHALT CONCRETE BASE, PG64-22	38	CY	\$300.00	\$11,400.00	\$315.00	\$11,970.00	\$320.00	\$12,160.00	\$345.00	\$13,110.00
016	304	20000	AGGREGATE BASE	58	CY	\$100.00	\$5,800.00	\$100.00	\$5,800.00	\$200.00	\$11,600.00	\$110.00	\$6,380.00
017	407	10000	TACK COAT	17	GAL	\$5.00	\$85.00	\$2.50	\$42.50	\$4.00	\$68.00	\$10.00	\$170.00
018	411	10000	STABILIZED CRUSHED AGGREGATE	14	CY	\$100.00	\$1,400.00	\$135.00	\$1,890.00	\$200.00	\$2,800.00	\$110.00	\$1,540.00
019	441	50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448) PG64-22	12	CY	\$325.00	\$3,900.00	\$350.00	\$4,200.00	\$600.00	\$7,200.00	\$375.00	\$4,500.00
020	441	50300	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448)	17	CY	\$300.00	\$5,100.00	\$330.00	\$5,610.00	\$450.00	\$7,650.00	\$350.00	\$5,950.00
021	626	00110	BARRIER REFLECTOR, TYPE 2, BI-DIRECTIONAL	8	EACH	\$15.00	\$120.00	\$8.00	\$64.00	\$15.00	\$120.00	\$10.00	\$80.00
022	642	00300	CENTER LINE, TYPE 1	0.05	MILE	\$20,000.00	\$1,000.00	\$23,000.00	\$1,150.00	\$22,500.00	\$1,125.00	\$45,000.00	\$2,250.00
023	614	12421	DETOUR SIGNING, AS PER PLAN	1	LS	\$5,000.00	\$5,000.00	\$6,000.00	\$6,000.00	\$5,025.00	\$5,025.00	\$3,000.00	\$3,000.00
024	202	11203	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN	1	LS	\$35,000.00	\$35,000.00	\$35,000.00	\$35,000.00	\$54,000.00	\$54,000.00	\$35,000.00	\$35,000.00
025	202	23500	WEARING COURSE REMOVED	126	SY	\$25.00	\$3,150.00	\$10.00	\$1,260.00	\$1.00	\$126.00	\$15.00	\$1,890.00
026	203	35100	GRANULAR MATERIAL, TYPE B	55	CY	\$100.00	\$5,500.00	\$90.00	\$4,950.00	\$200.00	\$11,000.00	\$135.00	\$7,425.00
027	503	11100	COFFERDAMS AND EXCAVATION BRACING	1	LS	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$15,000.00	\$15,000.00	\$5,000.00	\$5,000.00
028	503	21301	UNCLASSIFIED EXCAVATION, AS PER PLAN	1	LS	\$10,000.00	\$10,000.00	\$5,000.00	\$5,000.00	\$20,000.00	\$20,000.00	\$3,000.00	\$3,000.00
029	505	11100	PILE DRIVING MOBILIZATION	1	LS	\$25,000.00	\$25,000.00	\$20,000.00	\$20,000.00	\$12,000.00	\$12,000.00	\$20,000.00	\$20,000.00
030	507	00200	STEEL PILES HP12x53, FURNISHED	270	FT	\$50.00	\$13,500.00	\$40.00	\$10,800.00	\$45.00	\$12,150.00	\$65.00	\$17,550.00
031	507	00250	STEEL PILES HP12x53, DRIVEN	210	FT	\$150.00	\$31,500.00	\$4.00	\$840.00	\$3.00	\$630.00	\$10.00	\$2,100.00
032	509	10000	EPOXY COATED REINFORCING STEEL	8954	LB	\$1.50	\$13,431.00	\$1.53	\$13,699.62	\$3.00	\$26,862.00	\$1.85	\$16,564.90
033	511	21533	CLASS QC2 CONCRETE, SUPERSTRUCTURE, AS PER PLAN	28	CY	\$1,000.00	\$28,000.00	\$1,200.00	\$33,600.00	\$1,750.00	\$49,000.00	\$1,400.00	\$39,200.00
034	511	45511	CLASS QC1 CONCRETE, ABUTMENT	156	CY	\$750.00	\$117,000.00	\$200.00	\$31,200.00	\$600.00	\$93,600.00	\$375.00	\$58,500.00
035	512	10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)	80	SY	\$25.00	\$2,000.00	\$30.00	\$2,400.00	\$40.00	\$3,200.00	\$15.00	\$1,200.00
036	515	12051	PRESTRESSED CONCRETE COMPOSITE BOX BEAM MEMBERS, LEVEL 1, CB21-48, APP	5	EACH	\$25,000.00	\$125,000.00	\$25,700.00	\$128,500.00	\$20,500.00	\$102,500.00	\$27,500.00	\$137,500.00
037	516	13600	1" PREFORMED EXPANSION JOINT SEAL	15	EACH	\$25.00	\$375.00	\$25.00	\$375.00	\$15.00	\$225.00	\$10.00	\$150.00
038	516	14002	SEMI-INTEGRAL ABUTMENT EXPANSION JOINT SEAL	60	FT	\$25.00	\$1,500.00	\$50.00	\$3,000.00	\$125.00	\$7,500.00	\$35.00	\$2,100.00
039	516	41100	1/8" PREFORMED BEARING PADS	40	EACH	\$10.00	\$400.00	\$5.00	\$200.00	\$35.00	\$1,400.00	\$3.00	\$120.00
040	516	44000	ELASTOMERIC BEARING WITH INTERNAL LAMINATES ONLY (NEOPRENE), 6"x12"x1.5"	20	EACH	\$150.00	\$3,000.00	\$170.00	\$3,400.00	\$175.00	\$3,500.00	\$225.00	\$4,500.00
041	526	10000	REINFORCED CONCRETE APPROACH SLAB	68	SY	\$150.00	\$10,200.00	\$300.00	\$20,400.00	\$410.00	\$27,880.00	\$375.00	\$25,500.00
042	606	98000	GUARDRAIL MISC.: RAILING SYSTEM SIDE MOUNTED MGS	113.00	FT	\$125.00	\$14,125.00	\$120.00	\$13,560.00	\$171.00	\$19,323.00	\$130.00	\$14,690.00
043	518	22301	SPECIAL - STEEL DRIP STRIP	116	FT	\$25.00	\$2,900.00	\$19.00	\$2,204.00	\$25.00	\$2,900.00	\$19.00	\$2,204.00
044	614	11000	MAINTAINING TRAFFIC	1	LS	\$5,000.00	\$5,000.00	\$2,500.00	\$2,500.00	\$3,200.00	\$3,200.00	\$4,500.00	\$4,500.00
045	623	10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING	1	LS	\$5,000.00	\$5,000.00	\$3,000.00	\$3,000.00	\$2,000.00	\$2,000.00	\$3,000.00	\$3,000.00
046	624	10000	MOBILIZATION	1	LS	\$25,000.00	\$25,000.00	\$20,000.00	\$20,000.00	\$35,000.00	\$35,000.00	\$20,000.00	\$20,000.00
						TOTAL=	\$555,066.00	TOTAL=	\$446,479.82	TOTAL=	\$599,482.00	TOTAL=	\$484,267.90