



Paul P. Huelskamp PE, PS • Miami County Engineer

TIPP-ELIZABETH ROAD BRIDGE NO. 04.25 REPLACEMENT PROJECT

Bid Tab

Tuesday, April 18, 2023 at 9:05 AM

	ENGINEER'S ESTIMATE	Sunesis Construction 2610 Crecentville Road West Chester, Ohio 45069			
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Item	Item No.	Description	Quan	Unit	Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount
ROADWAY														
1	201	Clearing and Grubbing, As Per Plan	1	LS	\$15,000.00	\$15,000.00	\$4,308.00	\$4,308.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2	202	Guardrail Removed	362.5	FT	\$10.00	\$3,625.00	\$5.00	\$1,812.50	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3	202	Anchor Assembly Removed, Type A	3	EA	\$1,000.00	\$3,000.00	\$380.00	\$1,140.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4	202	Fence Removed	229	FT	\$10.00	\$2,290.00	\$5.00	\$1,145.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
5	203	Excavation, As per Plan	394	CY	\$25.00	\$9,850.00	\$26.00	\$10,244.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
6	203	Embankment	564	CY	\$25.00	\$14,100.00	\$10.00	\$5,640.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
7	204	Subgrade Compaction, As Per Plan	168	SY	\$8.00	\$1,344.00	\$7.00	\$1,176.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
8	606	Guardrail, Type MGS	375	FT	\$35.00	\$13,125.00	\$28.00	\$10,500.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
9	606	Anchor Assembly, MGS Type E	4	EA	\$2,800.00	\$11,200.00	\$2,574.00	\$10,296.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
10	606	Anchor Assembly, Type T	2	EA	\$1,700.00	\$3,400.00	\$1,236.00	\$2,472.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
EROSION CONTROL														
11	601	Rock Channel Protection, Type C with Aggregate Filter	39	CY	\$100.00	\$3,900.00	\$126.00	\$4,914.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
12	659	Seeding and Mulching, Class 2, As Per Plan	1,420	SY	\$4.00	\$5,680.00	\$3.00	\$4,260.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
PAVEMENT														
13	304	9" Aggregate Base	42	CY	\$75.00	\$3,150.00	\$104.00	\$4,368.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
14	407	Non-Tracking Tack Coat	11	GAL	\$10.00	\$110.00	\$5.00	\$55.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
15	441	Asphalt Concrete Intermediate Course, Type 2, (448) (449)	10	CY	\$500.00	\$5,000.00	\$959.00	\$9,590.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
16	441	Asphalt Concrete Surface Course, Type 1, (448), PG 64-22 (449)	10	CY	\$500.00	\$5,000.00	\$974.00	\$9,740.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	642	Edge Line, 4", Type 1	0.03	MILE	\$50,000.00	\$1,500.00	\$41,518.00	\$1,245.54	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	642	Center Line, Type 1	0.012	MILE	\$80,000.00	\$960.00	\$69,310.00	\$831.72	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TRAFFIC CONTROL														
19	614	Maintaining Traffic, As Per Plan	1	LS	\$1,000.00	\$1,000.00	\$2,645.00	\$2,645.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	614	Detour Signing	1	LS	\$5,000.00	\$5,000.00	\$7,534.00	\$7,534.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
MISCELLANEOUS ITEMS														
21	623	Construction Layout Stakes and Surveying, As Per Plan	1	LS	\$5,000.00	\$5,000.00	\$4,391.00	\$4,391.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	624	Mobilization	1	LS	\$12,000.00	\$12,000.00	\$25,710.31	\$25,710.31	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	630	Removal of Ground Mounted Sign and Disposal	5	EA	\$100.00	\$500.00	\$20.00	\$100.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
BRIDGE QUANTITIES														
24	202	Structure Removed, Over 20 Foot Span	1	LS	\$30,000.00	\$30,000.00	\$26,333.00	\$26,333.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	503	Cofferdams and Excavation Bracing	1	LS	\$2,500.00	\$2,500.00	\$17,457.00	\$17,457.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
26	503	Unclassified Excavation	1	LS	\$7,500.00	\$7,500.00	\$39,069.00	\$39,069.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
27	509	Epoxy Coated Reinforcing Steel	13,104	LB	\$2.00	\$26,208.00	\$2.00	\$26,208.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
28	511	Class QC1 Concrete, Retaining/Wingwall Not Including Footing	54	CY	\$800.00	\$43,200.00	\$779.00	\$42,066.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
29	511	Class QC1 Concrete, Footing	119	CY	\$800.00	\$95,200.00	\$552.00	\$65,688.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
30	512	Type 2 Waterproofing	100	SY	\$35.00	\$3,500.00	\$47.00	\$4,700.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
31	512	Type 3 Waterproofing	109	SY	\$35.00	\$3,815.00	\$51.00	\$5,559.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
32	512	Sealing of Concrete Surfaces (Epoxy Urethane)	254	SY	\$30.00	\$7,620.00	\$31.00	\$7,874.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
33	516	1" Preformed Expansion Joint Filler	31.25	SF	\$6.00	\$187.50	\$6.00	\$187.50	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
34	516	Special - Sawing and Sealing Bituminous Concrete Joints	86	FT	\$20.00	\$1,720.00	\$28.00	\$2,408.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
35	518	Porous Backfill with Geotextile Fabric	29	CY	\$80.00	\$2,320.00	\$145.00	\$4,205.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
36	611	4" Conduit, Type C, 707.33	25	FT	\$25.00	\$625.00	\$25.00	\$625.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
37	611	4" Conduit, Type C, 707.45	25	FT	\$25.00	\$625.00	\$25.00	\$625.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
38	611	6" Conduit, Type C, 707.45	25	FT	\$30.00	\$750.00	\$27.00	\$675.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
39	611	8" Conduit, Type C, 707.45	25	FT	\$35.00	\$875.00	\$64.00	\$1,600.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
40	611	20' X 9' Conduit, Type A, 706.05	40	FT	\$4,200.00	\$168,000.00	\$3,786.00	\$151,440.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL:						\$520,379.50		\$520,837.57	\$0.00		\$0.00		\$0.00	