

**West River Road - Phase 2**

Existing Pavement 16 ft.

Proposed Pavement Width 20 Ft, length 1,875 Ft

Widening trench saw cut / mill 4 ft each side 1 ft into existing pavement, 6" 304, 4" 301

Overlay entire road 3" asphalt

Ref.	Item	Description	Quant.	Unit	Price	Costs
1	103.5	Premium Contract Bond	1	LS	\$3,000.00	\$3,000.00
2	201	Clearing and Grubbing	1	LS	\$2,000.00	\$2,000.00
3	202	Pipe Removed, 24" and smaller	852	Ft.	\$2.00	\$1,704.00
4	202	Headwalls Removed, as per plan	1	LS	\$1,000.00	\$1,000.00
5	203	Excavation, including pavement, as per plan	500	CY	\$25.00	\$12,500.00
6	203	Embankment	200	CY	\$20.00	\$4,000.00
7	204	Subgrade Compaction	1,700	SY	\$1.00	\$1,700.00
8	254	Pavement Planing	40	SY	\$25.00	\$1,000.00
9	304	Aggergate Base, limestone, 6"	300	CY	\$50.00	\$15,000.00
10	301	Asphalt Base, 4"	170	CY	\$130.00	\$22,100.00
11	407	Tack Coat @ 0.1 Gal/SY	420	GAL	\$2.00	\$840.00
12	407	Tack Coat @ 0.05 Gal/SY	210	GAL	\$2.00	\$420.00
13	441	Asphalt Concrete, Intermediate, Type 2, 2" Avg.	240	CY	\$140.00	\$33,600.00
14	441	Asphalt Concrete, Surface, Type 1, 1 1/4"	150	CY	\$160.00	\$24,000.00
15	441	Asphalt Concrete, Surface, Type 1, Drives	15	CY	\$250.00	\$3,750.00
16	411	Stabilized Crushed Aggergate (berm)	100	TN	\$60.00	\$6,000.00
17	503	Unclassified Excavation	1	LS	\$5,000.00	\$5,000.00
18	509	Expoxy Coated Reinforcing Steel	3,422	lbs	\$1.75	\$5,988.50
19	511	Class QC1, Concrete (Headwall & Footing)	25	CY	\$600.00	\$15,000.00
20	512	Sealing Concrete Surface, Epoxy Urethane	20	SY	\$25.00	\$500.00
21	518	Porous Backfill w/ filter fabric	20	CY	\$50.00	\$1,000.00
22	518	4" PVC Perforated Pipe, 707.41 (SDR 35)	20	Ft	\$10.00	\$200.00
23	601	Rock Channel Protection, Type C w/filter, as per plan	200	Ton	\$45.00	\$9,000.00
24	602	Half Height Headwall	2	Ea.	\$300.00	\$600.00
25	606	Guardrail, Type MGS, as per plan	137.5	Ft	\$30.00	\$4,125.00
26	606	Guardrail, Type MGS (Radius)	37.5	Ft.	\$35.00	\$1,312.50
27	606	Guardrail Long Span, as per plan	75.0	Ft.	\$40.00	\$3,000.00
28	606	Guardrail, Type E	1	Ea.	\$2,500.00	\$2,500.00
29	606	Guardrail, Type T	2	Ea.	\$1,000.00	\$2,000.00
30	626	Barrier Reflector, Type A-2	8	Ea.	\$15.00	\$120.00
31	611	60" Conduit Type B, 706.02, Class III Conc.	12	FT	\$400.00	\$4,800.00
32	611	12" Conduit Type C, 707.33 (N-12)	995	FT	\$25.00	\$24,875.00
33	611	12" Conduit Type B, 707.33 (N-12)	37	FT	\$40.00	\$1,480.00
34	611	Catch Basin, 2-2B	8	Ea.	\$900.00	\$7,200.00
35	611	Catch Basin, 2-3	2	Ea.	\$1,000.00	\$2,000.00
36	611	Tee Riser w/ Grate	1	Ea.	\$500.00	\$500.00
37	614	Maintaining Traffic	1	LS	\$5,000.00	\$5,000.00
38	624	Mobilization	1	LS	\$3,000.00	\$3,000.00
39	642	Center Line	0.36	Mile	\$1,500.00	\$540.00
40	642	Edge Line	0.72	Mile	\$1,000.00	\$720.00
41	653	Top Soil Furnished & Placed, 4" Thick	300	CY	\$25.00	\$7,500.00
42	659	Seeding & Mulching, Class 1	2,000	SY	\$2.00	\$4,000.00
43	659	Commercial Fertilizer, 10-20-10	0.2	Ton	\$800.00	\$160.00
44	Spec.	Concrete Block Retaining Wall, as per plan	1	LS	\$40,000.00	\$40,000.00
45	Spec.	Channel Cleaning, Existing Rip-Rap Placement	1	LS	\$2,000.00	\$2,000.00
46	Spec.	Sandstone Placement	1	LS	\$2,000.00	\$2,000.00
47	Spec.	Mailbox	2	Ea.	\$300.00	\$600.00
48	Spec.	Contingencies	1	LS	\$18,765.00	\$18,765.00
49	Spec.	Water Service Relocation	1	LS	\$1,000.00	\$1,000.00
50	611	8" Conduit Type C, 707.41 (PVC)	10	FT	\$20.00	\$200.00
51	611	6" Conduit Type C, 707.41 (PVC)	20	FT	\$15.00	\$300.00
52	611	4" Conduit Type C, 707.41 (PVC)	40	FT	\$10.00	\$400.00

**\$310,000.00**

  
Lee E. Tansey P.E., P.S., Huron County Engineer