

Gorrill-Palmer Consulting Engineers Inc.  
Opinion of Probable Construction Cost

6/25/2024

Job Number: **3769.08**  
 Project Location: **Edwards Road, Casco, Maine**  
 Project Name: **Edwards Road Culvert Replacement**  
 Price References: 2995.171 Old Webster Road Culvert Replacement, Lewiston  
 Recently Bid MaineDOT projects.  
 Date: 6/24/2024  
 Calculated By: Wiley Hollen  
 Notes:

1. In providing opinions of probable construction cost, the client understands that the Consultant has no control over the cost or availability of labor, equipment, or materials, or over market conditions or the Contractor's method of pricing, and that the Consultant's opinions of probable construction costs are made on the basis of the Consultant's professional judgment and experience. The Consultant makes no warranty, express or implied, that the bids or the negotiated cost of the Work will not vary from the Consultant's opinion of probable construction cost.
2. Opinion of cost does not include engineering or construction inspection costs.
3. Opinion of cost does not include right of way, environmental, or utility costs.
4. Unit pricing based on MaineDOT unit prices and recent bid pricing on similar scoped projects.
5. Opinion of cost does not include potential relocation of utility poles or underground utility conduit.
6. Opinion of cost assumes Edwards Road is raised 3 feet in elevation in the vicinity of the culvert.
7. Opinion of cost assumes the following road build-up for Edwards Road reconstruction:  
 14" of subbase gravel (Type D), 4" of base gravel (Type A), 2" of 19 mm HMA (base), and 1.25" of 9.5 mm HMA (surface).
8. Opinion of cost includes all delivery, labor, material, and installation costs for the concrete box culvert, including culvert delivery and unloading, stream bypass plan, dewatering plan, excavation, bedding material, culvert installation, backfill, and any other labor and material costs to install the culvert.  
 Road restoration is paid for under the gravel and pavement pay items.
9. Opinion of cost assumes gabion baskets are used on the upstream side to tie in proposed embankment grading.

Item	Item Description	Unit	Unit Price	Quantity	Amount
202.20	REMOVE EXISTING BITUMINOUS CONCRETE PAVEMENT	SY	\$ 7.00	500	\$ 3,500.00
202.203	PAVEMENT BUTT JOINTS	SY	\$ 25.00	25	\$ 625.00
* 206.07	STRUCTURAL ROCK EXCAVATION	CY	\$ 250.00	10	\$ 2,500.00
304.10	AGGREGATE SUBBASE COURSE - TYPE D GRAVEL	CY	\$ 50.00	200	\$ 10,000.00
304.14	AGGREGATE BASE COURSE - TYPE A GRAVEL	CY	\$ 60.00	55	\$ 3,300.00
403.207	HOT MIX ASPHALT 19.0 MM NOMINAL MAXIMUM SIZE	T	\$ 180.00	45	\$ 8,100.00
403.210	HOT MIX ASPHALT 9.5 MM NOMINAL MAXIMUM SIZE	T	\$ 200.00	30	\$ 6,000.00
601.21	GABIONS, GALVANIZED	CY	\$ 175.00	75	\$ 13,125.00
603.401	9' (RISE) x 12' (SPAN) x 50' (LENGTH) CONCRETE BOX CULVERT	LS	\$ 210,000.00	1	\$ 210,000.00
606.37	GUARDRAIL, REMOVE AND REPLACE	LF	\$ 110.00	220	\$ 24,200.00
610.08	PLAIN RIPRAP	CY	\$ 100.00	120	\$ 12,000.00
615.071	LOAM, SEED, AND MULCH	SY	\$ 25.00	400	\$ 10,000.00
652.39	WORK ZONE TRAFFIC CONTROL	LS	\$ 15,000.00	1	\$ 10,000.00
656.75	TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL	LS	\$ 25,000.00	1	\$ 25,000.00
659.10	MOBILIZATION	LS	\$ 25,000.00	1	\$ 30,000.00
<b>SUB-TOTAL</b>					<b>\$ 368,350.00</b>
<b>CONTINGENCY (10%)</b>					<b>\$ 36,835.00</b>
<b>ROUNDED TOTAL</b>					<b>\$ 405,200.00</b>

\* Undetermined Location