

For ERC Wilburton Trestle  
 Made by E. Brenden  
 Date 6/8/18

Job No. 68448  
 Checked By JEK  
 Date 6/12/2018

Backchecked By EBB  
 Date 6/12/2018



STRUCTURE COST ITEMS

Item	Unit	Quantity	Unit Cost	Total
Construction Survey	LS	1	\$ 12,000	\$ 12,000
Restoration	LS	1	\$ 10,000	\$ 10,000
Bridge Railing <sup>2</sup>	LF	1865	\$ 250	\$ 466,250
Bridge Railing at viewpoints <sup>2</sup>	LF	205	\$ 350	\$ 71,750
Concrete Deck (18' wide trail) <sup>2</sup>	SF	20580	\$ 60	\$ 1,234,800
Stringers (Steel) <sup>2</sup>	LF	3770	\$ 144	\$ 542,880
High Level Cap replacement <sup>2</sup>	LF	1250	\$ 300	\$ 375,000
Mid and Low Level Cap Replacement <sup>1</sup>	EA	43	\$ 20,000	\$ 860,000
Mid and Low Level Cap Repair <sup>1</sup>	EA	5	\$ 10,000	\$ 50,000
Square Post Replacement <sup>1</sup>	EA	40	\$ 14,000	\$ 560,000
Above Ground Pile Replacement <sup>1</sup>	EA	103	\$ 10,000	\$ 1,030,000
In Water Pile Repairs	LS	1	\$ 130,000	\$ 130,000
Foundation Pile Underpinning	EA	17	\$ 20,000	\$ 340,000
3x10 Lateral Bracing <sup>1</sup>	LF	5132	\$ 55	\$ 282,260
6x10 Longitudinal Bracing <sup>1</sup>	LF	4072	\$ 75	\$ 305,400
6x12 Cross Bracing at Cap Levels <sup>1</sup>	LF	3310	\$ 80	\$ 264,800
Steel Span Girder Painting	LS	1	\$ 250,000	\$ 250,000
Extra Material On Hand (10%)	LS	1	\$ 419,800	\$ 419,800
Treated Timber Disposal <sup>1</sup>	TON	420	\$ 200	\$ 84,000
<b>Subtotal Estimate Construction Costs</b>				\$ 7,288,940
Drainage/ Stormwater mitigation			5%	\$ 364,447
TESC & SPCC			3%	\$ 218,668
Utility work			3%	\$ 218,668
Temporary traffic control			3%	\$ 218,668
<b>Subtotal Estimate Construction Costs</b>				\$ 8,309,392
Mobilization			10%	\$ 830,939
Contingencies (10% higher than overall contingencies)			40%	\$ 3,323,757
Right of Way				\$ -
				<b>\$ 12,464,087</b>

1. Costs based on number and type of repairs outlined in the *Wilburton Trestle Preliminary Design Report* by Otak, Inc.
2. Quantities for deck, stringers and high level cap beams increased to include wider deck and viewing platforms