



Design Man-Hour & Fee Summary
Municipality CE: WMC Consulting Engineers
Project Number: N/A

Main Street Bridge - Walkway Rehabilitation

CE's Subconsultant: **Ryan Biggs | Clark Davis**

Profit: 22.27%
BF&O: 132.01%

Date: 06/21/18
WMC Ref. No: 18068.10

	Main Street Bridge over			Municipality CE:			CE's Subconsultant:		
	Hours	Direct Salary	Profit	BF&O	Hours	Cost	Hours	Cost	
3.1 Survey (Coordination & Oversight)	21	\$ 1,035.15	\$ 230.53	\$ 1,366.50	0	\$ -		\$ -	
3.2 Preliminary Design	128	\$ 61,391.61	\$ 13,671.91	\$ 81,043.06	185	\$ 22,860.00		\$ -	
3.3 Semi-Final Design (70%)	0	\$ -	\$ -	\$ -	0	\$ -		\$ -	
3.4 Final Design (90% & 100%)	731	\$ 32,841.55	\$ 7,313.81	\$ 43,354.13	245	\$ 32,394.00		\$ -	
3.5 Utility Coordination	70	\$ 3,271.28	\$ 728.51	\$ 4,318.42	0	\$ -		\$ -	
3.6 1. Historic Reviews & Approvals	0	\$ -	\$ -	\$ -	0	\$ -		\$ -	
3.6 2. Regulatory Approvals	363	\$ 18,153.75	\$ 4,042.84	\$ 23,964.77	0	\$ -		\$ -	
3.7 Bidding Phase Services	103	\$ 4,701.44	\$ 1,047.01	\$ 6,206.36	42	\$ 5,552.00		\$ -	
3.8 Shop Drawing Review	0	\$ -	\$ -	\$ -	0	\$ -		\$ -	
Total:	2569	\$ 121,394.77	\$ 27,034.62	\$ 160,253.24	472	\$ 60,806.00		\$ -	\$ 60,806.00

DIRECT COSTS		Amount
1	Survey - Topo, Prop & Hydraulic Base Mapping	\$ -
2	Wetlands & OHW Delineation & Report	\$ -
3	Boat	\$ 1,000
4	Traffic Counts & Report	\$ -
5	Structural Consultant Truss Rehabilitation	\$ 5,000
6	Test Pits - Verify Deck Configuration	\$ 3,000
7	Subsurface Investigation & Testing	\$ -
8	Steel Test Coupons & Weldability Eval.	\$ 2,000
9	Lead Paint Testing	\$ 1,000
10	Geotechnical Engineering & Report	\$ 3,500
11	Electrical (Lighting) & Mechanical (Plant Watering System)	\$ 4,500
12	Landscape Architect	\$ 10,000
13	Species of Concern Eval & Report	\$ 3,500
14	Request & Obtain FEMA Hydraulic Data	\$ 400
15	Reproduction - PE	\$ -
16	Reproduction - PD	\$ 495
17	Reproduction - SFD (70%) - CLE Submittal	\$ -
18	Reproduction - Permitting	\$ 320
19	Reproduction - FD 90%	\$ 1,025
20	Reproduction - FD 100%	\$ 1,450
21	Reproduction - FD Bidding	\$ 3,680
22	Mileage	\$ 385
23	Coastal Wetland & Subaqueous Vegetation Survey	\$ 2,500
24	Wetland Planting Plan	\$ 2,500
25	Programmatic Section 4(f) Evaluation	\$ -
Total:		\$ 46,255.00

Total Man-Hours (Tasks 1-7)	3,041
Total Direct Salary (Tasks 1-7)	\$182,200.77
Profit (Tasks 1-7)	\$27,034.62
BF&O (Tasks 1-7)	\$160,253.24
Say	
	\$ 369,500
	\$ 46,300
	\$ 415,700
Total Engineering (Tasks 1-7)	
Direct Costs	\$369,488.62
10% Contingency	\$41,574.36
Shop Drawing Review (Task 3.8)	\$0.00
Design Services During Construction	\$0.00
Total Engineering (Tasks 3.1-3.7)	
	\$369,488.62
Total All	
	\$457,317.98