

Slabtown Bridge Replacement



Summary of Public Information Centre #1

Town of The Blue Mountains – municipal office



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people engineering environments

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Slabtown Bridge Replacement

Introduction

- Summary of PIC #1 Comment Sheets
- Tender Schedule
- Estimated Construction Schedule
- Preliminary Construction Cost Estimate
- Discussion/ Questions



Slabtown Bridge Replacement

Presentation Outline

Public Information Centre #1

Comments sheets posed 3 questions seeking input:

1. Which style of bridge do you most prefer
2. Which bridge finish do you most prefer
3. Which deck finish do you prefer

- A total of 14 comment sheets were received



Slabtown Bridge Replacement

Presentation
Outline

Which style of bridge do you most prefer?

- Summary
- Tender Schedule
- Estimated Construction Schedule
- Preliminary Cost Estimate
- Discussion/ Questions



Curved top chord

12



Straight top chord

2



Slabtown Bridge Replacement

Presentation
Outline

Which bridge finish do you most prefer?

Summary

Tender Schedule

Estimated
Construction
Schedule

Preliminary Cost
Estimate

Discussion/
Questions



Self weathering steel

14



Galvanized steel

0



Painted steel

0



Slabtown Bridge Replacement

Presentation
Outline

Which deck finish do you most prefer?

- Summary
- Tender Schedule
- Estimated Construction Schedule
- Preliminary Cost Estimate
- Discussion/ Questions



Asphalt

0



Concrete

12



Slabtown Bridge Replacement

Presentation
Outline

Illustration of selected alternatives:



Summary

Tender Schedule

Estimated
Construction
Schedule

Preliminary Cost
Estimate

Discussion/
Questions



Slabtown Bridge Replacement

Presentation Outline

Tender Schedule

	<u>Action</u>	<u>Date</u>
Summary		
Tender Schedule		
Estimated Construction Schedule	Advertise for tender	March 8, 2012
Preliminary Cost Estimate	Tender opens	March 14, 2012
Discussion/ Questions	PIC #2	March 22, 2012
	Tender closes	April 5, 2012
	I&R Committee meeting	April 10, 2012
	Council to award contract	April 23, 2012



Slabtown Bridge Replacement

Presentation Outline

Estimated Construction Schedule

Summary

Tender Schedule

**Estimated
Construction
Schedule**

Preliminary Cost
Estimate

Discussion/
Questions

Due to the possibility of scheduling difficulties with the bridge superstructure fabrication, the tenderer has the option of beginning construction by May 1, 2012 or May 1, 2013. Construction must be totally complete by October 30 of the same year construction commenced. The start date is subject to obtaining all easements and approvals.



Slabtown Bridge Replacement

Presentation Outline

Estimated Construction Schedule

Summary

Tender Schedule

Estimated Construction Schedule

Preliminary Cost Estimate

Discussion/ Questions

ID	Task	Duration	2012																																	
			Jun '12							Jul '12							Aug '12							Sep '12												
			27	03	10	17	24	01	08	15	22	29	05	12	19	26	02	09	16	23	30															
1	Construct temporary access road	3 wks		█	█	█																														
2	Close existing bridge	8 wks					█	█	█	█	█	█	█	█	█																					
3	Remove existing superstructure	1 day																																		
4	Repair existing abutments	4 wks					█	█	█	█																										
5	Install new superstructure	1 wk																																		
6	Install new deck	3 wks																																		
7	Pave approaches	1 wk																																		
8	Install approach guiderails	2 wks																																		
9	Decommissioning temporary access road	3 wks																																		
10	Final cleanup	1 wk																																		

Total estimated time of Bridge closure = 8 weeks



Slabtown Bridge Replacement

Presentation Outline

Preliminary Cost Estimate

Summary

Estimated Construction Cost \$ 807,500

Tender Schedule

Estimated
Construction
Schedule

Cost of all **Provisional Items** \$ 121,000

**Preliminary Cost
Estimate**

Contingency Allowance \$ 100,000

Discussion/
Questions

EST. TOTAL CONSTRUCTION COST \$ 1,028,500

Taxes, engineering and land acquisition fees are additional



Slabtown Bridge Replacement

Presentation Outline

Discussion/Questions

Summary

Tender Schedule

Estimated
Construction
Schedule

Preliminary Cost
Estimate

**Discussion/
Questions**

