

Cost

- Bridges are expensive, not only to construct but also to maintain, and eventually replace.
- We need to be fiscally responsible to the costs of the project and TIR's capital program budget.
- Full 100 year life cycle cost analysis was not completed.

Estimated Costs		
Bridge Span	Cost (\$ thousands)	
	241 metres	140 metres
Capital Construction Cost of Bridges (EB and WB)	24,000	14,000
Revise structure design (4 months to complete)	---	200
Incremental cost of approaches, paving, pier armouring	---	1,500
Concrete tunnel structure for land access (125 m long)	---	1,400
Environmental Assessment revision (6 to 9 months)	---	100
Cost escalation on construction items (10% for 1 year delay)	---	1,700
Maintenance Costs (savings on shorter span)	---	not quantified
TOTAL:	24,000	18,900

Sensitivity of Cost Estimate Totals			
Bridge Span	Cost (\$ thousands)		Diff. (\$ thousands)
	241 metres	140 metres	
Estimated cost - 10%	21,800	17,200	4,600
<i>Estimated cost</i>	<i>24,000</i>	<i>18,900</i>	<i>5,100</i>
Estimated cost + 10%	26,400	20,800	5,600