

THE WAY WE MOVE

Walterdale Bridge Financial Update

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Walterdale Bridge Financial Update

- Bridge history & scope of work
- Estimate comparison
- Cost estimate process
- Tender results
- Issues during design
- Going forward

Bridge History

- Built in 1912
- Last rehabilitation completed in 2004 to extend life 10 years
- Bridge has reached the end of its useful life
- City Council approved concept plan for signature arch style bridge on April 12, 2011

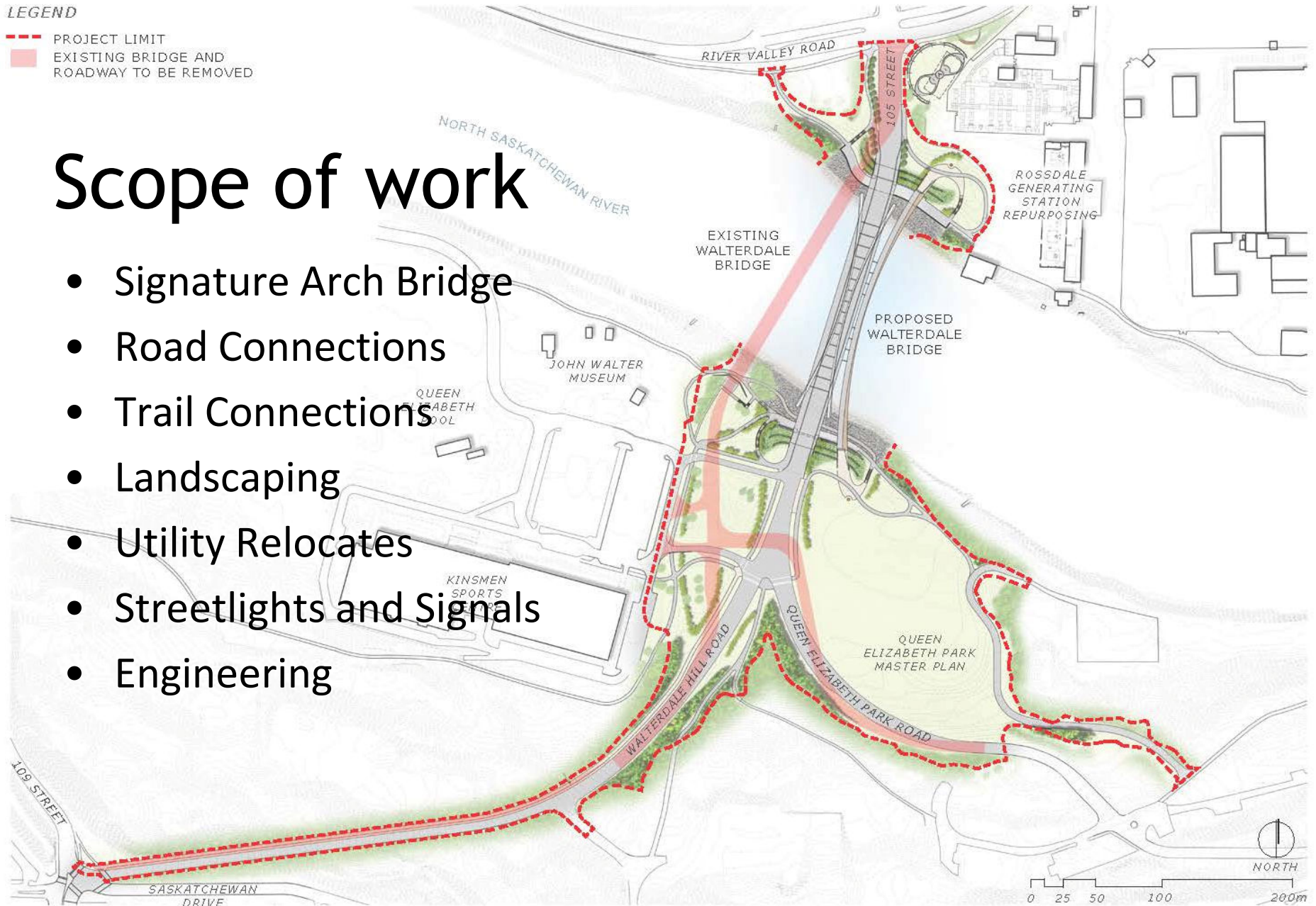


LEGEND

- PROJECT LIMIT
- EXISTING BRIDGE AND ROADWAY TO BE REMOVED

Scope of work

- Signature Arch Bridge
- Road Connections
- Trail Connections
- Landscaping
- Utility Relocates
- Streetlights and Signals
- Engineering

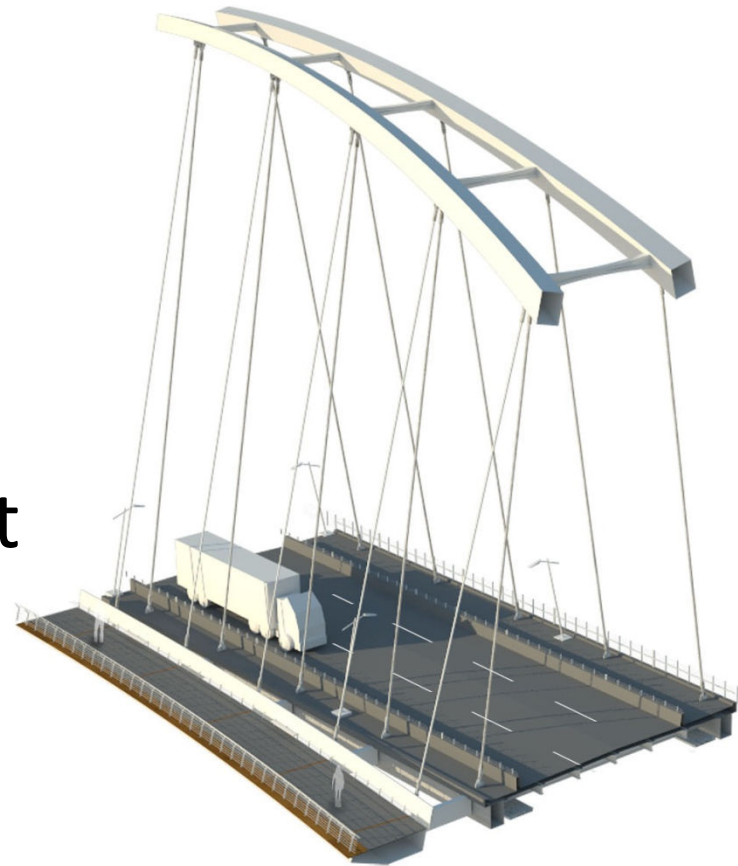


Estimate Comparison

	Conceptual	Post Tender
Road Construction	\$22M	\$17M
Bridge Construction	\$90M	\$114.3M
Environmental & Historical	\$3M	\$3.7M
Engineering & Administration	\$17M	\$20M
TOTAL	\$132M	\$155M

Estimating Process

- Risk Assessment
- Constructability Reviews
- Range Cost Estimating
- Specialist Cost Consultant



Tender Result

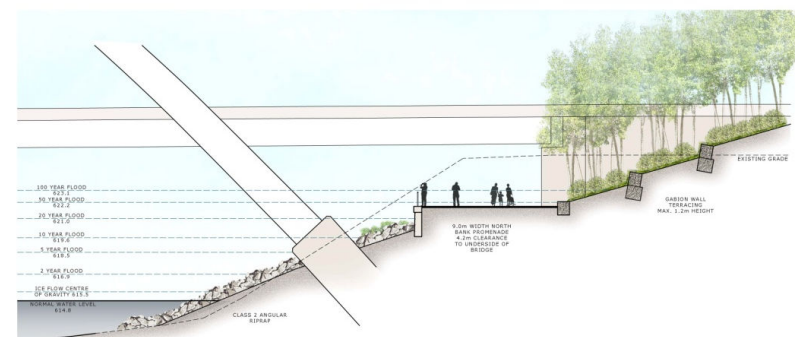
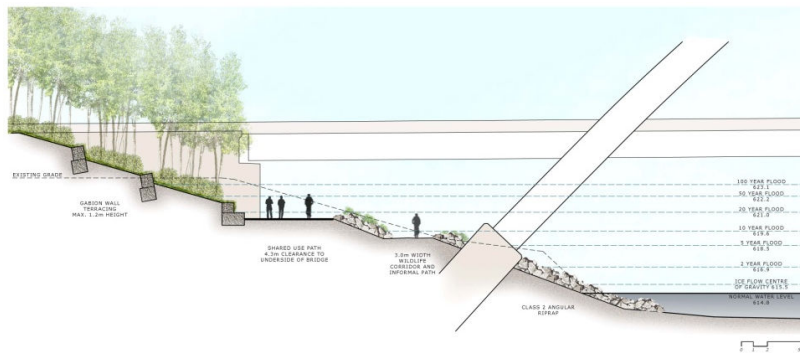
- Tender closed on April 16, 2013 with 4 bids received
- Lowest bid is \$15.8M (14%) above the Transportation Services estimate of \$110M
- The increase can be attributed to constructing a unique and complex signature structure.

Emerging activities during design - \$3.7M

- Construction Schedule
 - Concept
 - Construction 2013-2014
 - Post Tender
 - Construction start 2013
 - Bridge open 2015
 - Remove old bridge and complete work 2016

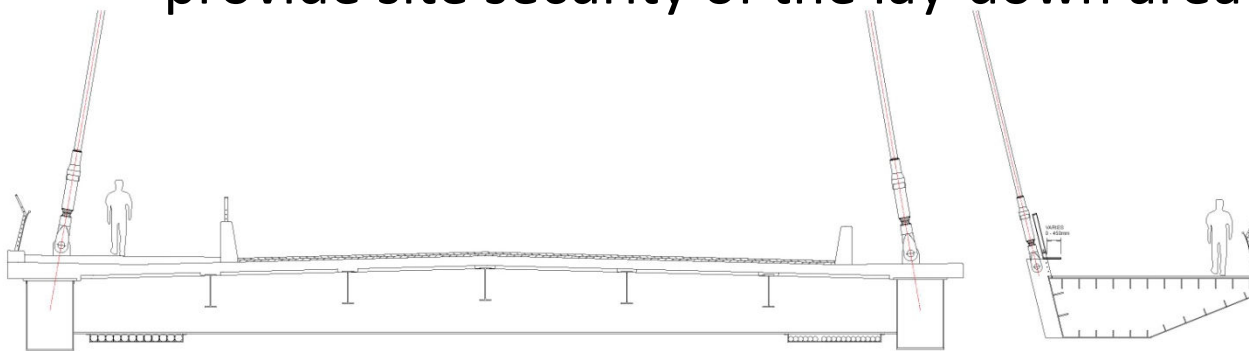
Emerging activities during design

- Bridge Thrust Block foundation
 - Additional engineering investigation required
- Environmental permitting
 - Environmental Clearance required increased level of effort to obtain permits



Emerging activities during design

- Site monitoring of historically sensitive area
 - Historical Resources Act - Site monitoring of excavation and in river work required
- North Lay-Down area site security
 - As part of an agreement with EPCOR to access the north lay-down area, Transportation Services is required to provide site security of the lay-down area



Going Forward

- **City**
 - Award of the contract
- **Contractor**
 - Order structural steel
 - Finalize application for permits
 - River window for berms in water is Aug 15 - Sept 15

View From River to North Bank



Replacement Bridge



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