

Transportation
(thousands of dollars)

PROGRAM: Roads LEAD DEPT: PROJECT NAME: Walterdale Bridge 12-66-1466

Group-Criteria: A-145 Maintenance/Upgrade Projects Program Mgr: Latte B. Project Mgr:
Goal: Transform Edmonton's Urban Form (GROW) Outcome: Sustainable infrastructure that supports community

BUDGET	Prior Years	2012	2013	2014	2015	2016	Total
Budget as Approved	-	-	-	-	-	-	-
Change	-	8,000	50,000	74,000	-	-	132,000
Revised Budget	-	8,000	50,000	74,000	-	-	132,000

PLANNED AMOUNT NOT APPROVED FOR SPENDING							
Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

TOTAL CAPITAL EXPENDITURE PLAN	-	8,000	50,000	74,000	-	-	132,000
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Financing	Budget Request	Prior Years	2012	2013	2014	2015	2016	Total
Tax-Supported Debt	132,000	-	8,000	50,000	74,000	-	-	132,000
Total Financing	132,000	-	8,000	50,000	74,000	-	-	132,000

Description
Scope:
Walterdale Bridge, crossing the North Saskatchewan River near Edmonton's downtown, is approaching 100 years of age and the end of its useful life. Replacement of the bridge must be completed by 2014.
The bridge is an important link in the City transportation system, carrying two traffic lanes northbound into downtown from Gateway Boulevard and 109 Street via Queen Elizabeth Park Road and Walterdale Hill Road. The bridge operates at capacity during peak hours, which results in significant congestion on the south approaches. The bridge replacement will include an additional northbound lane and improved facilities to accommodate alternative modes. The bridge will be a signature arch bridge and the concept has been approved by Council.

Timelines:
2011-12: Detailed design
2012-14: Construction

Dependencies:
Environmental and historical resource approvals and utility relocations. Environmental approvals from the federal government will need to be obtained for any work taking place in the North Saskatchewan. Historical resource risks are related to the cemetery site on the north bank of the river. The alignment of the new bridge will have an impact on the cemetery site which will require approval from the Provincial Director of Cemeteries. The existing Walterdale Bridge supports a large number of utility lines crossing the river.

Justification
The condition assessments of the Walterdale Bridge have identified the bridge must be replaced by 2014 as the existing bridge will be decommissioned for auto

Project Cost Breakdown	
Design	\$ 10,600
Construction	121,400
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	\$ 132,000

Last Updated: 09-DEC-2011

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use. If replacement does not happen before 2014 the bridge will be closed to traffic eliminating one of the major road artery into the downtown.

Alignment: - The Way We Move: Goal of Well Maintained Infrastructure and Enhanced Access and Mobility.

Impact on Operating:

Operating Impacts are determined by Inventory Growth of Roads addressed in Operating Service Packages.

Last Updated: 09-DEC-2011