

COMPOSITE

**Transportation**  
(thousands of dollars)

PROGRAM: Roads

LEAD DEPT:

PROJECT NAME: Geo-Environmental Rehabilitation

12-66-1950

Group-Criteria: A-100 Projects With Budget Approval Program Mgr: Stephenson B. Project Mgr:

Goal: Preserve &amp; Sustain Edmonton's Environment (GREEN) Outcome: Other--maintenance of current service standards

BUDGET	Prior Years	2012	2013	2014	2015	2016	Total
Budget as Approved	-	332	348	320	-	-	1,000
Change	-	-	1,700	-	-	-	1,700
Revised Budget	-	332	2,048	320	-	-	2,700

## PLANNED AMOUNT NOT APPROVED FOR SPENDING

Existing Plan Expenditures	-	-	-	-	2,483	2,787	5,270
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	2,483	2,787	5,270

## TOTAL CAPITAL

EXPENDITURE PLAN	-	332	2,048	320	2,483	2,787	7,970
------------------	---	-----	-------	-----	-------	-------	-------

	Budget Request	Prior Years	2012	2013	2014	2015	2016	Total
Financing								
General Financing	1,700	-	100	1,800	100	2,483	2,787	7,270
Gravel Reserve	-	-	232	248	220	-	-	700
Total Financing	1,700	-	332	2,048	320	2,483	2,787	7,970

## Description

This project addresses environmental issues related to road right-of-way including providing services for slide repairs, snow storage facilities, environmental audits on right-of-way, supply of recycled aggregates, and constructing a new facility of Streets Engineering..

Proposed improvements for 2012/2014 include:

1. Slide Repairs: Monitor and maintain slope indicators, standpipes & pneumatic piezometers at various locations throughout the City. Detailed design and construction/repair is of slides at various locations. Slide repair work includes Saskatchewan Drive Retaining Structure (101 street to 90 avenue).
2. Snow Storage Facilities: Monitoring facility operations and environmental compliance.
3. Contaminated Sites: The development of a program and performance of environmental audits on road right-of-way, as required. Emergency response to unexpected contaminated sites. City owned properties that have been found to be contaminated are handled by the Asset Management and Public Works Department.
4. Recycled Aggregates: Site improvements and purchase of replacement equipment on an ongoing basis.
5. Capital Improvements: New site and facility for Engineering Services Office and Lab.

Project Cost Breakdown	
Design & Construction	\$ 2,700

Last Updated: 29-JAN-2013

\$	2,700
----	-------

PROGRAM: Roads

LEAD DEPT:

PROJECT NAME: Geo-Environmental Rehabilitation

12-66-1950

### Justification

Unstable slopes along the North Saskatchewan River banks, ravine areas, and embankment locations occur on an ongoing basis. Priority is placed on those locations where public safety or where damage to public infrastructure is threatened.

The existing Streets Engineering facility houses both the survey and the material testing sections including supporting office staff. The existing building (office/lab) has since outgrown its capacity which ultimately impacts productivity.

Policy E-5, and F-2 of the Transportation Master Plan, Bylaw #11778, that was approved by City Council in April 1999.

Alberta Environment Protection and Enhancement Act Bill 23 (AEPEA)

Environment Canada, Alberta Environmental Protection and the City's Sewers Use Bylaw #9675