



NATIONAL CAPITAL COMMISSION
COMMISSION DE LA CAPITALE NATIONALE

Rideau Canal – New Railings

Board of Directors

June 29, 2017



Location Plan – Dow's Lake to Hog's Back



Existing Condition



Typical section of the Rideau Canal wall where there is no railing

Poor Wall Section – Parks Canada

- One section of 200m is in poor condition;
- Parks Canada is not scheduled to repair wall in the next 10 years;
- Temporary railing solution made up of steel posts with railings.



Damaged Wall



Proposed solution (similar to Hartwell Locks)

Option #1

Postpone installation of railings to future years - \$0

Advantages & Disadvantages

Advantages

- Alleviates pressure on the MYCP.

Disadvantages

- Does not improve public safety.

Risks & Mitigations

Risks

- Low risk to public safety.



Option #2 (Recommended)

Install 3 rail system for 2,200m and steel post system for 200m - \$1.3M

Advantages & Disadvantages

Advantages

- Improves public safety.
- Based on existing signature look of the Rideau Canal.

Disadvantages

- Steel post railings (200m) do not follow signature look of the Rideau Canal.

Risks & Mitigations

Risks

- Project costs exceed budget due to unforeseen site conditions.

Mitigations

- Contingency to account for unforeseen site conditions.



Install 3 rail system - 2,200m of new railing



Steel post railings - 200m – damaged wall

Option #3

Install 7 Rail System - \$2M

Advantages & Disadvantages

Advantages

- Improves public safety as it is higher.

Disadvantages

- Not in keeping with existing signature look of Canal.

Risks & Mitigations

Risks

- Additional funding needed will require postponing another project putting those assets at risk.



Install 7 Rail System

Plan of Preferred Solution – 3 Rail System



Rendering of the Canal wall with the new railing system

Schedule

- Tender Period & FLUDA Approval July 2017
- Tender Close & Award August 2017
- Construction October to December 2017

Recommendation

To seek Board of Director's authorization to:

- Proceed with the Rideau Canal New Railings project with a budget of \$1.3M; and
- Delegate a combined contract award and change order authority to the Chief Executive Officer equal up to the forecasted implementation cost of \$1.3M.



Thank you