



**Town of Georgina  
Business Case for New Capital Initiatives  
19-PWK-11**

**Title of Request: Hedge Road Bank Stabilization**

**Date:** October 17, 2018

**Department:** Operations and Infrastructure

**Division:** Capital

**Project Description:**

As part of Road Study Now needs - Stabilization of shoreline and roadside (bank) of Hedge Rd between the Black River and Seaward Drive.

**1. Proposed Year of Initiative:** 2019 (proposed work includes consulting design, tender assistance, contract administration, and construction)

**2. Nature of Initiative/Review Factors (check and explain all that apply):**

Legislative,  Growth  Risk Management,  Customer Service,  Service Level Change

Strategic Priority,  Efficiency,  Adopted Plan/Study

Other (please specify)

**3. Brief Links to Strategic Plan Departmental Business Plans or Other Plans:**

Goal 4: To provide Exceptional Municipal Service

- Stabilizing this road bank is essential to preserve Hedge Rd, prevent failure, and avoid road closure. Stabilizing the road bank will minimize risk, ensure the safety of road users, and preserve Town infrastructure.

**4. Main/Desired Goal or Outcomes/Benefits:**

Keeping roads in a good state of repair ensures uninterrupted service delivery and safe roads.

**5. Cost/ Financial Impact, Recovery and Net impact**

- Contracted Services: \$1,500,000
- Consultants: 150,000
- **Total Cost: \$1,650,000**

**6. Other Considerations or Efficiency Options:**

**Can you defer the request?**

No, existing reports indicate the critical condition of the road, which has been verified through visual inspection by Town staff.

**Is it more efficient to contract out the initiative?**

The Town does not have in-house resources to do the difficult shore stabilization that is required.

**Can you combine this initiative with other present functions?**

N/A

**Can you change the services model to reduce this demand without reducing service levels?**

No, a substantial risk to property and life would exist.

**Can you better leverage technology?**

N/A

**Can you share service delivery with other Town Departments/Agencies or municipalities?**

No, but cost sharing with abutting landowners can be explored.

**7. Short-Term Results Expected:**

Safe road and reduced risk.

**8. Long-Term Results Expected:**

Preservation of Hedge Rd for the foreseeable future.

**9. Other Comments:**

In the fall of 2017, staff brought a Report to Council and received support to address NOW (broken, requiring reconstruction) road needs. Hedge Rd falls within the category of Now Needs even though it was not explicitly identified in the Road Needs Study. The bank between Hedge Road and Lake Simcoe is very steep. Approximately 10 years ago, slippages occurred and emergency repairs were completed to save the road from failure. As a follow up to these issues, in 2011/2012 the Town completed a Slope Stability Assessment (between the Black River and Seaward Drive). The slope and road subbase areas were classified as Critical, Stable with Repair, and Erosion below Culverts. The abutting landowners own the riparian shoreline; therefore, a solution benefitting both parties is an important principle of the works.