



GEORGINA

Town of Georgina  
23-CI-OI-12  
Capital Initiative

<b>Title of Request:</b>	Hedge Road Slope Construction	<b>Business Case Type:</b>	Capital Initiative
<b>Department:</b>	Operations & Infrastructure	<b>Business Case number:</b>	23-CI-OI-12
<b>Division:</b>	Capital Delivery	<b>Date:</b>	November 30, 2022
<b>Budget Request:</b>	\$400,000	<b>Funding Source:</b>	Provincial Grant - CCBF

**Project Description:**

Hedge Road between Black River and Seaward Drive has had slope failures in 2010 and 2019. The existing road is considerably higher than the adjacent shores of Lake Simcoe, and the slope between the asphalt driving surface and the water's edge is fairly steep. The slope failures have occurred due to a combination of concerns such as wave action, lack of vegetation, and existing soil conditions.

In 2019, Capital Project 19-PWK-11 was approved for \$1,650,000 for engineering design, contract administration, inspection, and construction for bank restoration and stabilization works. In 2020 through Council Resolution C-2020-0143, the engineering design, contract administration, and inspection works was awarded to Tatham Engineering. Upon completion of the engineering assessment and design, slope work required on different sections of the road was categorized into different priority windows as to when the work should be completed.

The estimated construction cost to repair the highest priority area has increased since the 2019 budget request. In order to construct the slope stabilization works for the highest priority area, an estimated additional \$400,000 is required. The highest priority area is located east of Seaward Drive.

This project is unique in that it may involve a barge to transport materials and machinery, has limited calendar windows due to environmental regulations, requires experienced contractors that undertake this specialized work and requires approvals from the Federal, Provincial, and Local Conservation Authority.

**1. Proposed Year of Initiative (Start date and End Date):** Q1 2023 – Q4 2023

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

- Legislative,  Growth  Risk Management,  Service Level Change,  Strategic Priority,  Efficiency,  Adopted Plan/Study
- Other (please specify)

- Risk Management: The slope between the asphalt surface of Hedge Road and the shores of Lake Simcoe have previously failed; with a current slope failure located east of Seaward Drive. The slope failures lead to an increased risk to Town infrastructure and public users of the road. By restoring the bank and providing slope stabilization, the Town is reducing risk to road users and Town infrastructure, and potential costly emergency repairs. Without providing slope stabilization, the slope failure will continue to worsen and threaten the Town's road asset.

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

Priority: "Deliver Exceptional Service" – Manage our finances and assets proactively.

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

To repair the existing slope failure on Hedge Road located east of Seaward Drive prior to continued deterioration of the slope; which without repair, would lead to increased risk to the Town's road asset.

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

Budget type	Funding Source	Net Impact
<input type="checkbox"/> Operating one-time (2023 only) <input type="checkbox"/> Operating re-occurring (2023 and future) <input checked="" type="checkbox"/> Capital one-time <input type="checkbox"/> Staffing one-time (2023 only) <input type="checkbox"/> Staffing re-occurring (2023 and future)	<input type="checkbox"/> Tax Levy <input type="checkbox"/> Assessment Growth <input checked="" type="checkbox"/> Reserves <input type="checkbox"/> User Fees <input type="checkbox"/> Water/Wastewater	<p><b>Total Cost:</b>                      \$ 400,000 _____</p> <p><b>Recovery:</b></p>

	<input type="checkbox"/> Other:
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**6. Other Considerations or Efficiency Options:**

**Can the request be deferred?** No. Deferring the request could result in increased costly emergency repairs and risk to road users and Town road asset.

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

**Can this initiative be combined with other present functions?** Yes. This work will be coordinated with the Road Rehabilitation Program to ensure economies of scale.

**Can the services model be changed to reduce this demand without reducing service levels?** No.

**Can technology be leveraged?** No.

**Can the service delivery be shared with other Town Departments/Agencies or municipalities?** No.

**7. Other Comments / Gallery:**

