

## REPORT TO COUNTY COUNCIL

# Contract Award – Oxford Road 6 Bridge 374623 Rehabilitation

**To:** Warden and Members of County Council

**From:** Director of Public Works

## RECOMMENDATION

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1. That County Council award a contract to the low bidder, Sierra Bridge Inc., in the amount of \$1,582,144 (excluding HST) for the rehabilitation of Bridge 374623 on Oxford Road 6 in the Township of South-West Oxford and authorize the Chief Administrative Officer and Director of Public Works to sign all documents related hereto.

## REPORT HIGHLIGHTS

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- The purpose of this report is to obtain County Council approval to award the above-noted project to Sierra Bridge Inc. (Sierra), in accordance with the County's Purchasing Policy.
- Bridge 374623 on Oxford Road 6 near Centreville in the Township of South-West Oxford is planned for major rehabilitation as indicated in the 2025 Business Plan and Budget.
- A full road closure for all traffic is required for the completion of this work and the planned detour route has been created in consultation with the Township of South-West Oxford and local businesses.
- This project is anticipated to begin in April 2025 and is expected to be completed in September 2025.

## IMPLEMENTATION POINTS

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Upon County Council approval, a contract will be executed with the low bidder, Sierra, and pre-construction planning, including site mobilization and material procurement, will commence. The location of Bridge 374623 is shown in Attachment 1.

Notifications will be issued to residents, businesses, and emergency services regarding the upcoming road closure, detour routes, and project timeline. Ongoing updates will be provided through multiple communication channels.

The contractor will set up the approved detour route (refer to Attachment 2) in coordination with the Township of South-West Oxford. Proper signage, traffic control measures, and monitoring will be in place throughout the construction period

## Financial Impact

This work has been planned for in the 2025 Business Plan and Budget. The construction costs and funding sources for this project are summarized in Table 1 below.

Table 1: Expenditure Summary for Rehabilitation of Bridge 374623 on Oxford Road 6

Account / Description	Available 2025 Budget	Bid Amount (excluding HST)
<b>930200 – Bridge Rehabilitation</b> (Approved budget: \$9,204,000) (Less other projects: \$6,804,000)	\$2,400,000	\$1,582,144
<b>Contract Administration, Construction Inspection and Testing</b>		<b>100,000</b>
<b>Non-Refundable HST (1.76%)</b>		<b>29,606</b>
<b>TOTAL ESTIMATED CONSTRUCTION EXPENDITURES</b>		<b>\$1,711,750</b>

Based on the information presented above, this project falls within the estimated budget available for this project.

## Communications

Operational communication for this construction project will be similar to other County projects. The Contractor and County project managers will form an open channel of communication and will include other members of the project team as needed. These communications will commence upon approval of this report and will continue for the duration of the project.

Communication with the public (affected property owners and business owners) will begin when the project approaches the initiation stages. Communication will be in the form of typical construction notices and resident updates delivered by mail or by hand, social media posts, and on the County's web page. Advanced notice of construction and road closure signage will be

installed at the construction limits in advance to alert the general public of upcoming road closures.

Staff will continue to collaborate with affected stakeholders (including the Township of South-West Oxford and Emergency Services) during the execution of this project as required to ensure the appropriate level of communication and outreach is maintained, and further ensure all parties involved are updated as needed.




The local business, Carmeuse Lime, was contacted directly and, through correspondence, has confirmed that they have no objections to the full closure of Oxford Road 6 for the duration of construction to complete the bridge works and will be adjusting their operation accordingly.

## 2023-2026 STRATEGIC PLAN

Oxford County Council approved the [2023-2026 Strategic Plan](#) on September 13, 2023. The Plan outlines 39 goals across three strategic pillars that advance Council's vision of "Working together for a healthy, vibrant, and sustainable future." These pillars are: (1) *Promoting community vitality*, (2) *Enhancing environmental sustainability*, and (3) *Fostering progressive government*.

The recommendation in this report supports the following strategic goals.

### Strategic Plan Pillars and Goals

PILLAR 1	PILLAR 2	PILLAR 3
		
<b>Promoting community vitality</b>	<b>Enhancing environmental sustainability</b>	<b>Fostering progressive government</b>
<a href="#">Goal 1.2</a> – Sustainable infrastructure and development <a href="#">Goal 1.3</a> – Community health, safety and well-being <a href="#">Goal 1.4</a> – Connected people and places		<a href="#">Goal 3.1</a> – Continuous improvement and results-driven solutions <a href="#">Goal 3.2</a> – Collaborate with our partners and communities <a href="#">Goal 3.4</a> – Financial sustainability

See: [Oxford County 2023-2026 Strategic Plan](#)

## DISCUSSION

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### Background

Bridge 374623 is owned by the County of Oxford and is located approximately 0.15 km north of Beachville Road (Oxford Road 9) in the Township of South-West Oxford.

Bridge 374623 is a three-span, 53 metre (174 foot) reinforced concrete deck slab on a pre-cast concrete girder bridge. It was originally constructed in 1982 and has not yet undergone any major rehabilitation.

The 2024 Bridge Inspection Report noted that Bridge 374623 had a bridge condition index (BCI) of 72.5 and included a recommendation for major rehabilitation within two years. A detailed deck condition survey report was completed in February 2024. The results of this report were incorporated into the final design of the bridge rehabilitation completed by G. Douglas Vallee Ltd.

The preferred alternative is to complete a major rehabilitation to the bridge, including replacement of the expansion joints and conversion to a semi-integral structure.

As such, rehabilitation of this structure generally includes the following scope of work:

- Removal of the existing asphalt, curb, bearing pads, expansion joints, approach slabs, ballast walls, and guiderail;
- Jacking the superstructure;
- Concrete repairs to existing girders, bridge deck, end walls, soffit and fascia, abutment walls, wing walls, piers, and barrier walls;
- Installation of new waterproofing and pavement, curb, expansion joints, bearing pads, ballast walls, approach slabs, and steel beam guide rails;
- Semi-integral conversion;
- Coordination including flagging from Ontario Southland Railway;
- Restoration of all disturbed areas including placement of granular material and asphalt placement for road restoration as required; and
- Small structures (fencing, signs, etc.), pavement markings, etc.

To assist in determining the preferred construction and traffic staging approach, a Traffic Closure Impact Assessment (TCIA) was completed by Paradigm Transportation Solutions Ltd. The assessment considered four different traffic staging options and analyzed existing and forecasted traffic operations at the following intersections:

- Oxford Road 6 and Oxford Road 2 (Dundas Street);
- Oxford Road 11 and Oxford Road 2 (Dundas Street);
- Oxford Road 6 and Oxford Road 9; and
- Oxford Road 11 and Oxford Road 9.

Considering the results of the TCIA, and project cost and schedule estimates for 1 and 2 stage construction, it was determined that a full road closure for construction was the preferred solution.

## Comments

Based on its current asset condition, Bridge 374623 was prioritized for rehabilitation in order to extend its useful service life. This work will extend the bridge's service life, extending the need for rehabilitation or replacement by approximately 30 years (+/- 5 years). If the bridge rehabilitation is not completed, the condition will continue to deteriorate to the point where the bridge is considered structurally deficient and/or unsafe to use. Failure to complete the structure rehabilitation will increase the risk of structure failure, load restrictions and/or road closure.

County staff solicited bids from eligible pre-qualified Contractors and the project was tendered through a competitive bidding process. The County received the following three bids at tender close on Wednesday, March 19, 2025.

Table 2: Summary of Bid Submissions

Contractor	Bid Amount (HST Excluded)
1. Sierra Bridge Inc.	\$1,582,144
2. Lancoa Contracting Inc.	\$1,622,899
3. 2585284 Ontario Inc. o/a Beton	\$1,647,369

Staff have reviewed the submissions and confirmed that the low bid received from Sierra Bridge Inc. (excluding HST), represents good value for the work.

As this project has the possible risks that would be associated with any construction project of this scale and scope, the successful Contractor is also required to secure construction bonds and insurance to mitigate risks related to the exposure of financial loss.

Should the contract not be awarded and the work does not proceed, the condition of the County's affected asset will continue to deteriorate and the costs to rehabilitate it in the future will rise.

## CONCLUSIONS

A review of the competitive bid submissions confirms that it is appropriate to award the proposed bridge rehabilitation works on Bridge 374623 to the low bidder, Sierra Bridge Inc.

## SIGNATURES

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### Report author:

Original signed by

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Ryan Vink, P.Eng.  
Project Engineer

### Departmental approval:

Original signed by

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Melissa Abercrombie, P.Eng., PMP  
Director of Public Works

### Approved for submission:

Original signed by

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Benjamin R. Addley  
Chief Administrative Officer

## ATTACHMENTS

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Attachment 1 – Bridge 374623 Project Location  
Attachment 2 – Bridge 374623 Detour Map