



Municipality of  
**Meaford**



**PEARSON**  
ENGINEERING

PUBLIC INFORMATION  
CENTRE (PIC)

STRUCTURE  
REHABILITATION OF  
BR-035 &  
BR-046

MUNICIPALITY OF  
MEAFORD



# WELCOME

Welcome to the Public Information Centre for the rehabilitation of Structure BR-035 and BR-046. The goals of this session are to:

- Present the existing bridge conditions at both locations.
- Outline the proposed rehabilitation solutions to address the deteriorating structures.
- Gather your input, questions and feedback.

Representatives from the Municipality of Meaford and their Engineering Consultant, Pearson Engineering Ltd, are collaborating on the detailed design and are here to discuss the project with you.

Project information, findings, and design details are available on the display boards. Please take time to review the material and feel free to ask any questions you may have.

**You are encouraged to fill out a comment sheet. Any questions or comments can be directed to the contacts below.**

## Municipality of Meaford

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## Pearson Engineering Ltd.

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Structural Project Manager

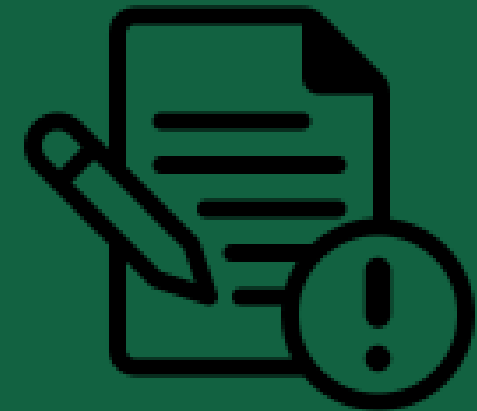
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# SUPPORTING STUDIES FOR THE PROJECT



## Existing Condition Assessment

Engineers performed a detailed inspection of the bridge's structural components to document existing conditions, identify areas of deterioration, and determine the scope of repairs required for rehabilitation.



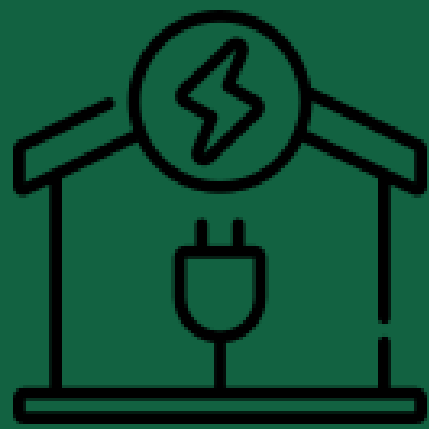
## Enhanced OSIM Inspection (BR-046 only)

A comprehensive bridge inspection was completed for BR-046 in accordance with the Ontario Structure Inspection Manual (OSIM) standards utilizing an aerial platform to obtain access to restricted portions of the bridge structure.



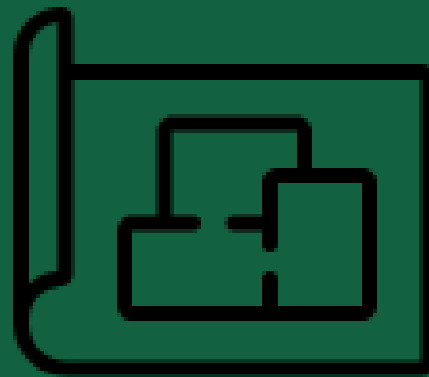
## Tree Inventory and Arborist Assessment

An environmental study was completed to assess the health and condition of surrounding trees within the limits of construction, while identifying and potential tree removal requirements.



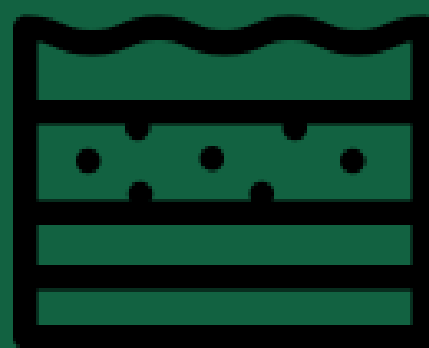
## Subsurface Utility Engineering Investigation

A below grade utility investigation was conducted to locate and map underground infrastructure near the bridges and identify potential conflicts with rehabilitation work.



## Legal Survey/Topographic Survey

Multiple surveys were completed to confirm property boundaries and existing conditions to ensure an accurate understanding of each bridge site and the impacts to the surrounding properties.

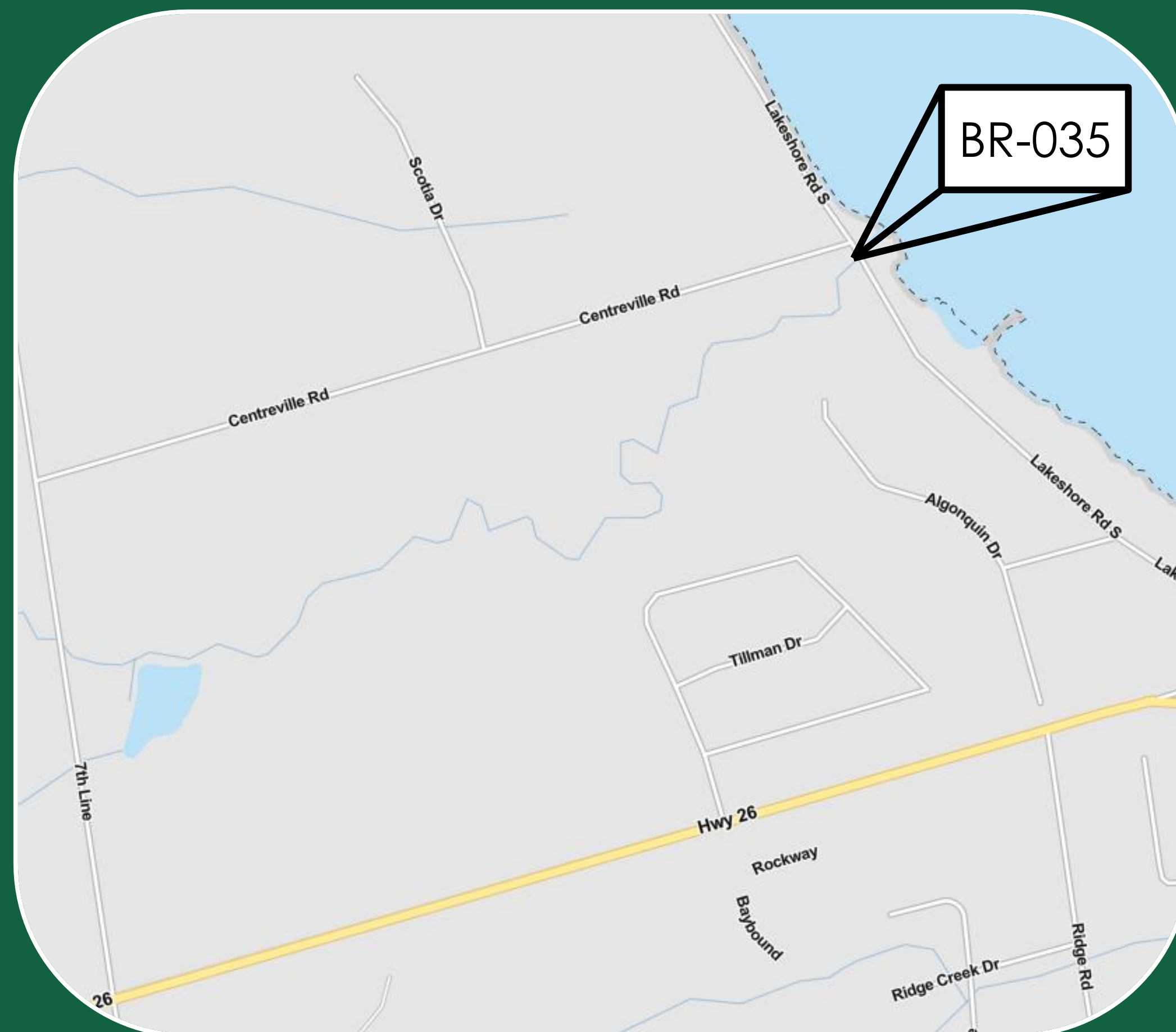


## Excess Soils Assessment

Onsite soil conditions were reviewed and sampled to ensure the disposal of excavated material off site during construction is completed in accordance with O. Reg. 406/19.



# BR-035 EXISTING CONDITIONS



BR-035 is located on Lakeshore Road South, 20m south of Centerville Road. The bridge conveys the flow of the Centerville Creek.



View of Structure Facing East



View of Roadway Facing South



Delamination and Cracking on Wingwalls



Typical Deterioration at Concrete Curb



Water Infiltration Through Abutments



Steep and unstable Embankments



# BR-035 PROPOSED REHABILITATION

## Improvements:

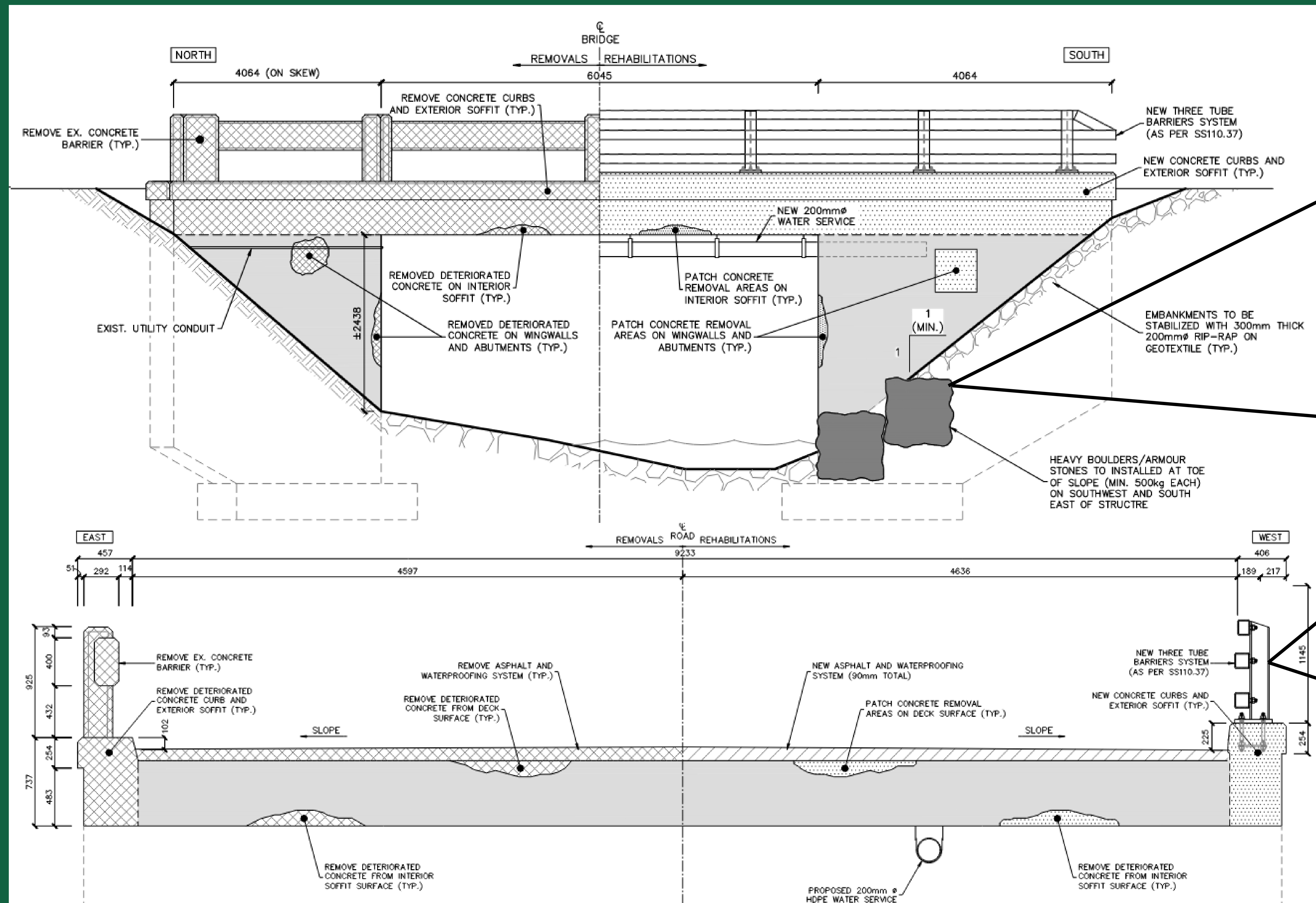
- Remove and replace existing asphalt wearing surface and waterproofing system over bridge.
- Remove and replace existing barriers and curbs – install similar barrier to the one on Bridge St.
- Chip and patch deteriorated concrete on deck top surface deck.
- Install new watermain stub across bridge for future use.
- Chip and patch deteriorated concrete on wingwalls, abutment walls, and interior and exterior soffit.
- Other roadside safety and embankment stabilization improvements around the structure.
- Pave over structure and partway down Centerville Rd.

## Construction:

Construction is anticipated to take place between Spring 2026 to Fall 2026. During construction, Lakeshore Rd South will be temporarily closed between Highway 26 and Centerville Road. Access to local residents will be maintained throughout construction.



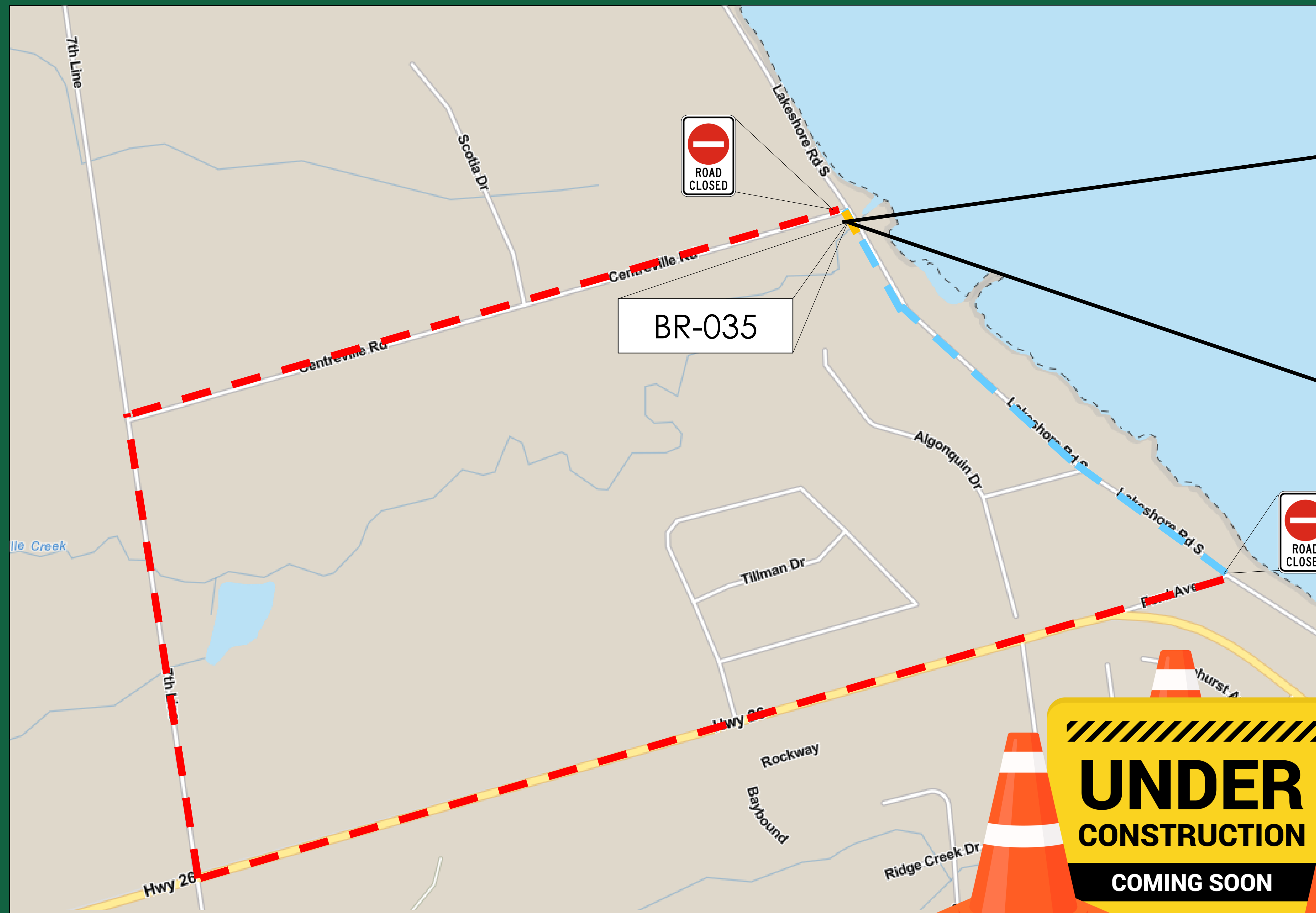
# BR-035 PROPOSED REHABILITATION



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# BR-035 DETOUR ROUTE





# BR-046 EXISTING CONDITIONS



BR-046 is located on 13<sup>th</sup> Sideroad between Grey Road 12 and 7<sup>th</sup> Line. The bridge conveys the flow of Bighead River.



View of Structure Facing East



View of Structure Facing East



Patchwork in Expansion Joint



Concrete Spalling on Deck



Exposed Rebar in Abutment



Deterioration in Expansion Joint



# BR-046 PROPOSED REHABILITATION

## Improvements:

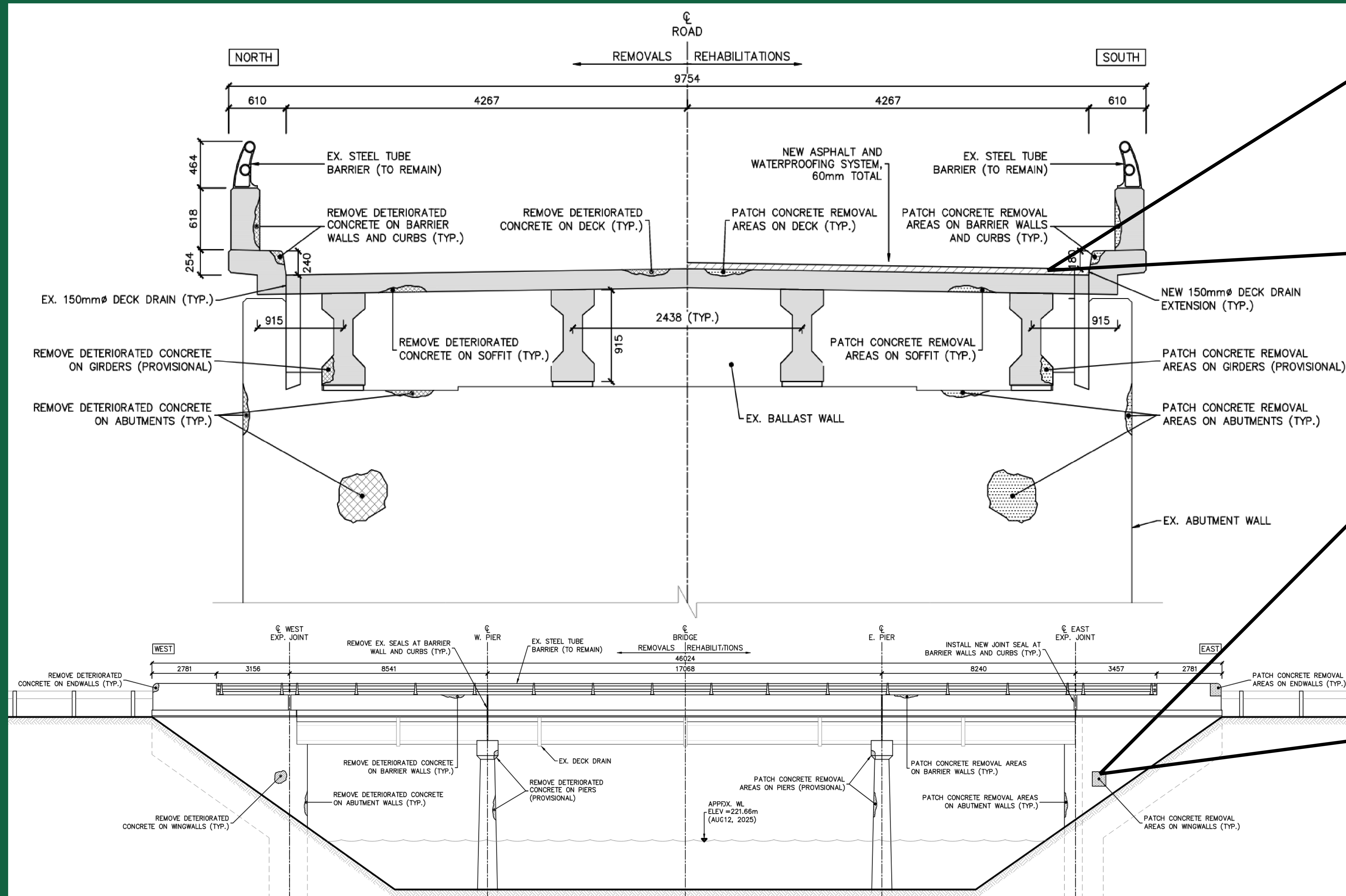
- Rehabilitate roadway approaches including shoulder regrading and paving.
- Repair concrete on deck top prior to waterproofing and paving.
- Chip and patch wingwalls, abutment walls, and interior and exterior soffit.
- Remove and reconstruct expansion joint systems at each deck joint.
- Extend deck drains to match new asphalt surface.
- Pave approaches and bridge deck.

## Construction:

Construction is anticipated to take place between Spring 2026 to Fall 2026. During construction 13 Sideroad will be closed to the public. Access to residents will be maintained throughout construction.



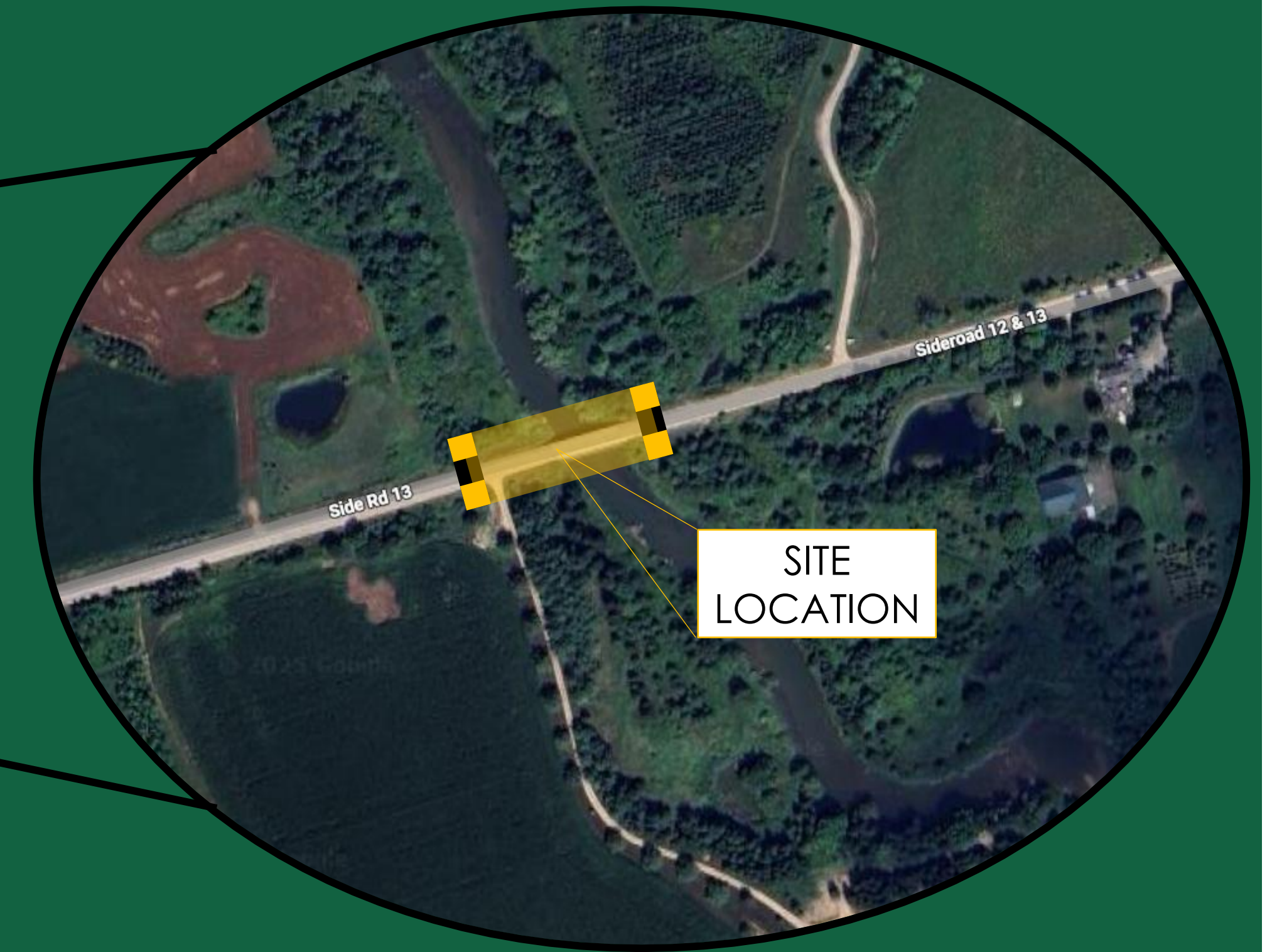
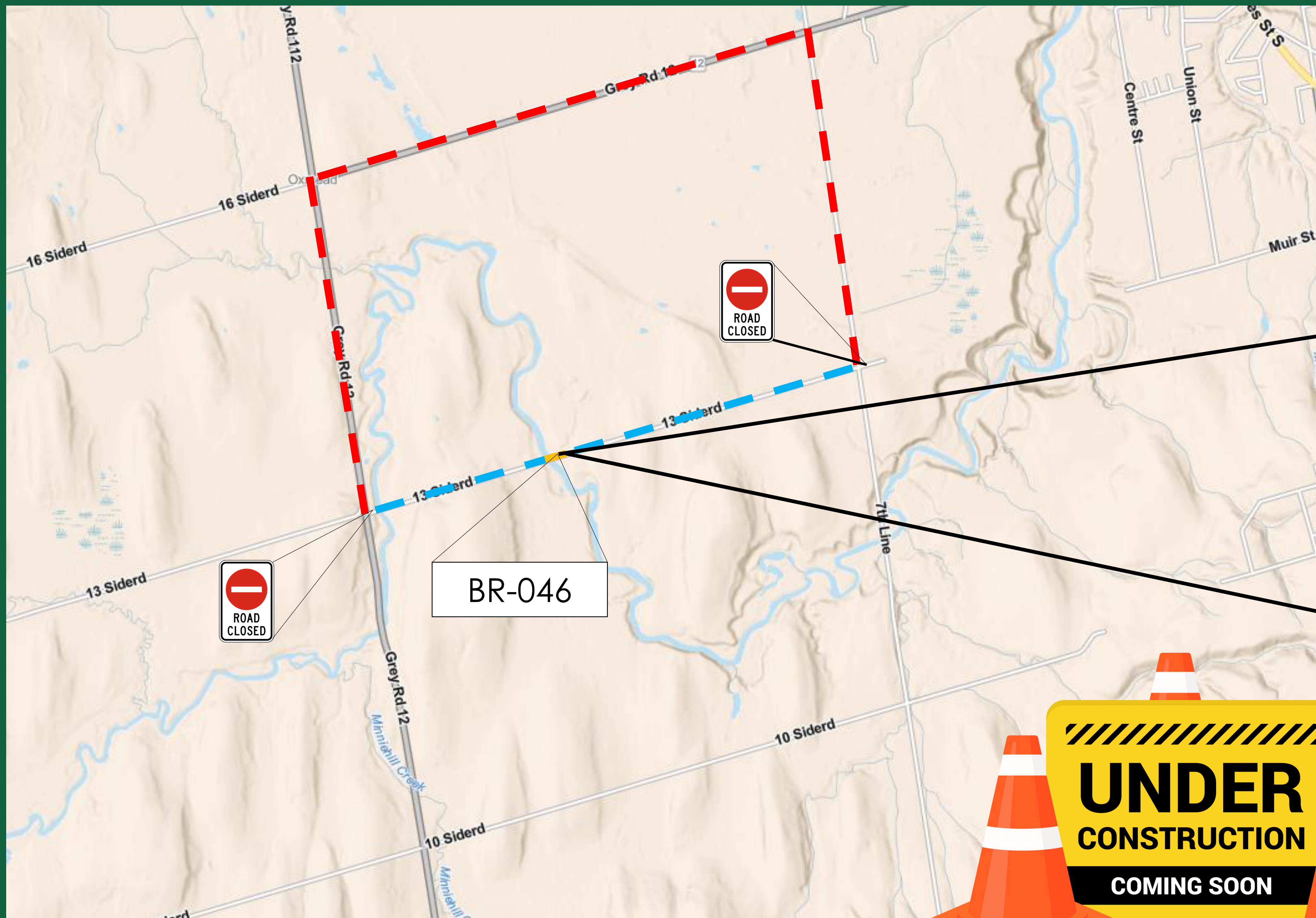
# BR-046 PROPOSED REHABILITATION



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# BR-046 DETOUR ROUTE



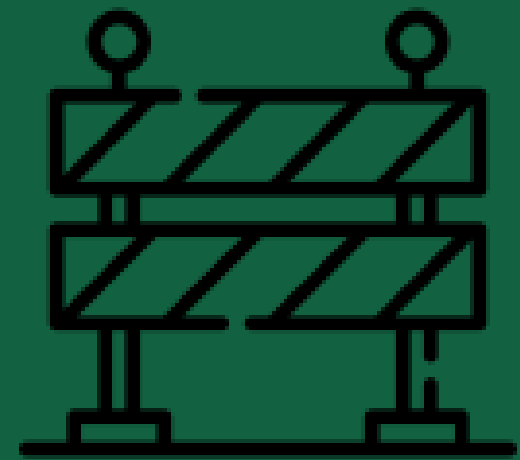


# POTENTIAL IMPACTS TO LOCAL RESIDENTS



## Garbage Collection

The Contractor will be responsible throughout construction to collect garbage from residents within limits of construction.



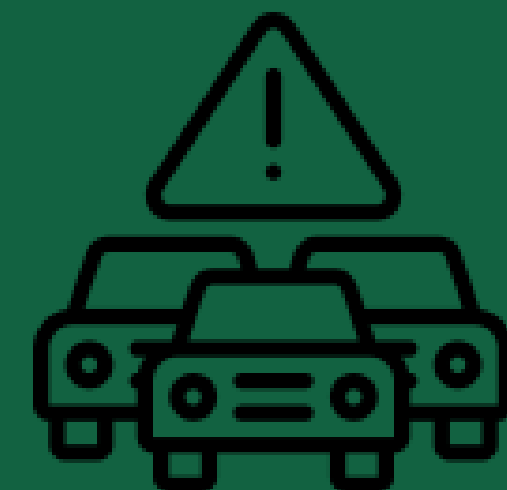
## Restricted Driveway Access

Restrictions to driveway access will be limited as much as possible.



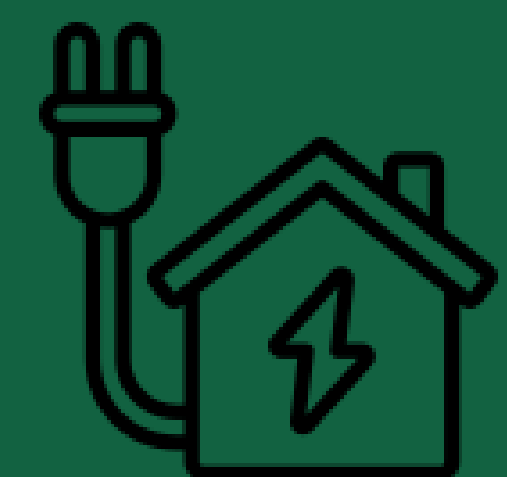
## Construction Work

To mitigate impacts to local residents, construction will be limited to 7am to 7pm each day. No weekend or stat holiday work permitted. The Contractor will control dust on site and will ensure the construction site remains clean as much as possible.



## Traffic Flow Interruptions

Road closures at 13 Sideroad and Lakeshore Road will be required. A detour plan and phased project approach has been developed to mitigate impacts.



## Utility Disruptions

There will be limited utility disruptions throughout construction. Where service disruptions are anticipated, notices will be issued to residents.



## Tree Removals

Tree removals on site will be limited as much as possible. Permission will be requested if any trees are being removed from private properties.