Municipal Class Environmental Assessment Highway 52 and Powerline Road West Intersection Improvements

Public Information Centre #2

Rotary Community Centre

October 21, 2025

Welcome to Public Information Centre #2
Highway 52 and Powerline Road West Intersection Improvements

Please sign in at the first table and provide your email if you would like to be notified about the project.

Review display materials

All slides will be posted to project webpage

Meet with Study Team Members

Please fill out a comment sheet and return it to the comment box or email your comments by November 7, 2025.

Land Acknowledgement

The City of Hamilton is situated upon the traditional territories of the Erie, Neutral, Huron-Wendat, Haudenosaunee and Mississaugas. This land is covered by the Dish With One Spoon Wampum Belt Covenant, which was an agreement between the Haudenosaunee and Anishinaabek to share and care for the resources around the Great Lakes. We further acknowledge that this land is covered by the Between the Lakes Purchase, 1792, between the Crown and the Mississaugas of the Credit First Nation.

Today, the City of Hamilton is home to many Indigenous people from across Turtle Island (North America) and we recognize that we must do more to learn about the rich history of this land so that we can better understand our roles as residents, neighbours, partners and caretakers.

Study Purpose

A Municipal Class Environmental Assessment (MCEA) is being completed to assess a recommended solution for intersection improvements at the intersection of Highway 52 and Powerline Road West.

The primary objective of the study is to **Improve Public Safety for All Road Users including Pedestrians & Cyclists.**

To this end, the goals of this study are to alleviate operational issues at the intersection, maintain or improve community connectivity, including active transportation, and mitigate impacts to traffic and truck circulation and goods movement to address long-term transportation needs

Preliminary Preferred Alternative Solution (As Presented in PIC 1)

Solution 2 – North Roundabout and South Left Turning Lane

Summary of Key Features:

Natural Environment

- Minimizes impact to natural features, including wetland and watercourse, wooded area

Socio-Cultural Environment

- Maintains status-quo on impact to existing residences east of the trail where culturally sensitive areas exist
- Better access to trail parking

Technical Environment

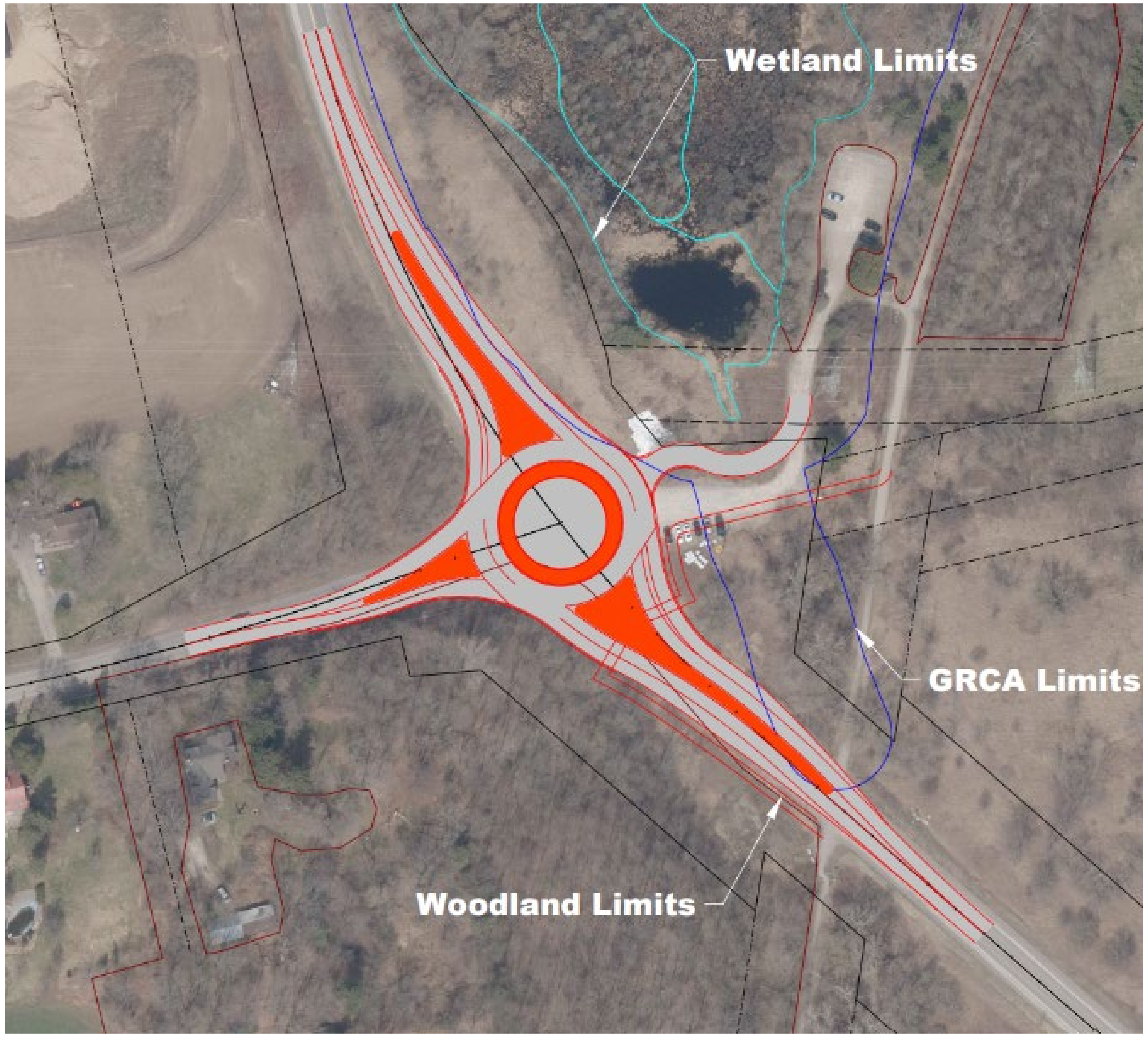
- Under these conditions a roundabout is a more efficient intersection control for current and future intersection traffic
- Provides better operational safety for all road users (auto, pedestrians, cyclists) compared to Alternative Solution 1 and 3

Financial Environment

- Moderate costs for improvements
- Builds on interim improvements planned for 2025/2026 reducing throw away costs

Alternative Designs

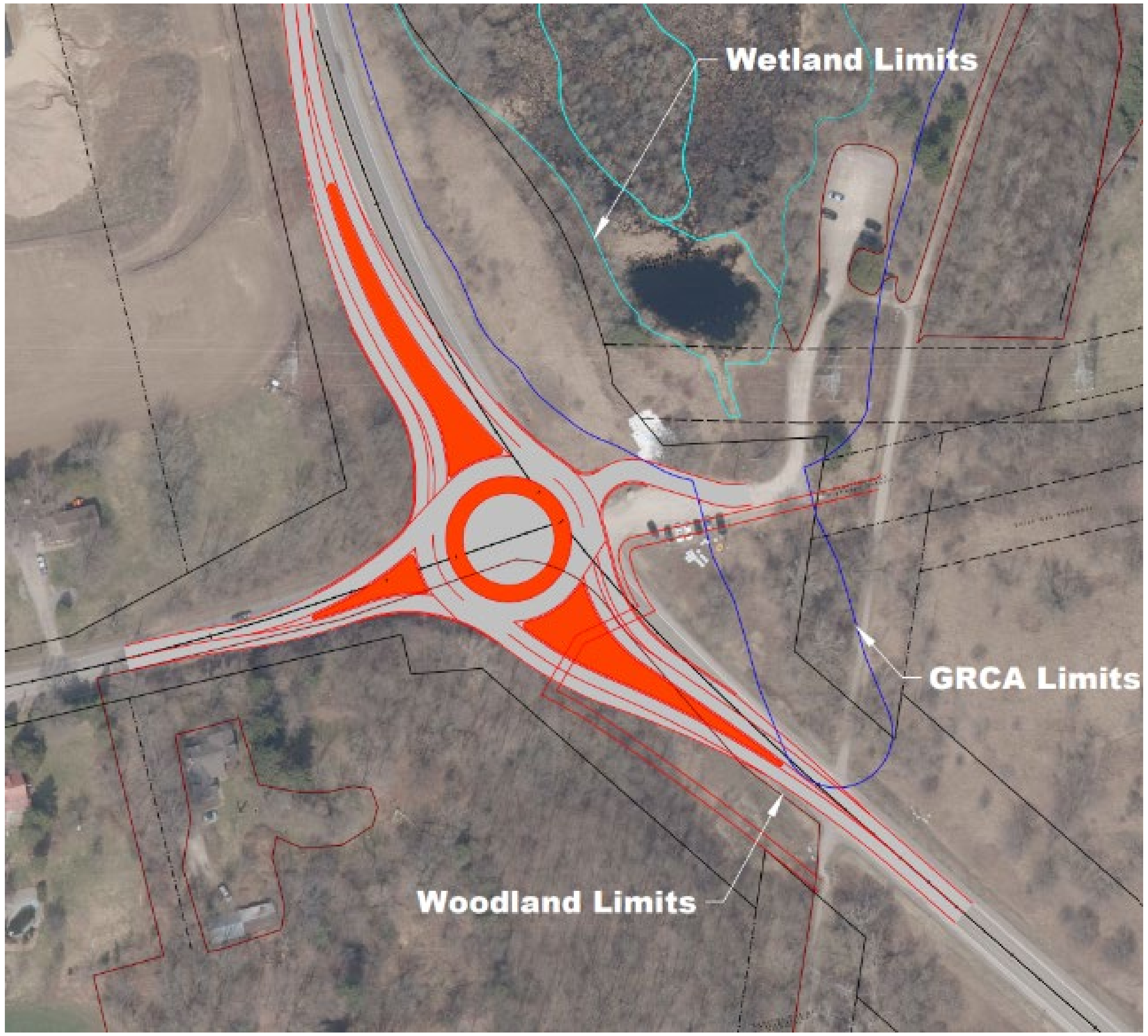
Option 1 – Centred Roundabout



In this option, the three-legged roundabout is centred at the current Highway 52 and Powerline Road intersection and has good visibility for drivers as the north approach has a moderate sight distance. The Super Mailbox will be relocated in the same general area.

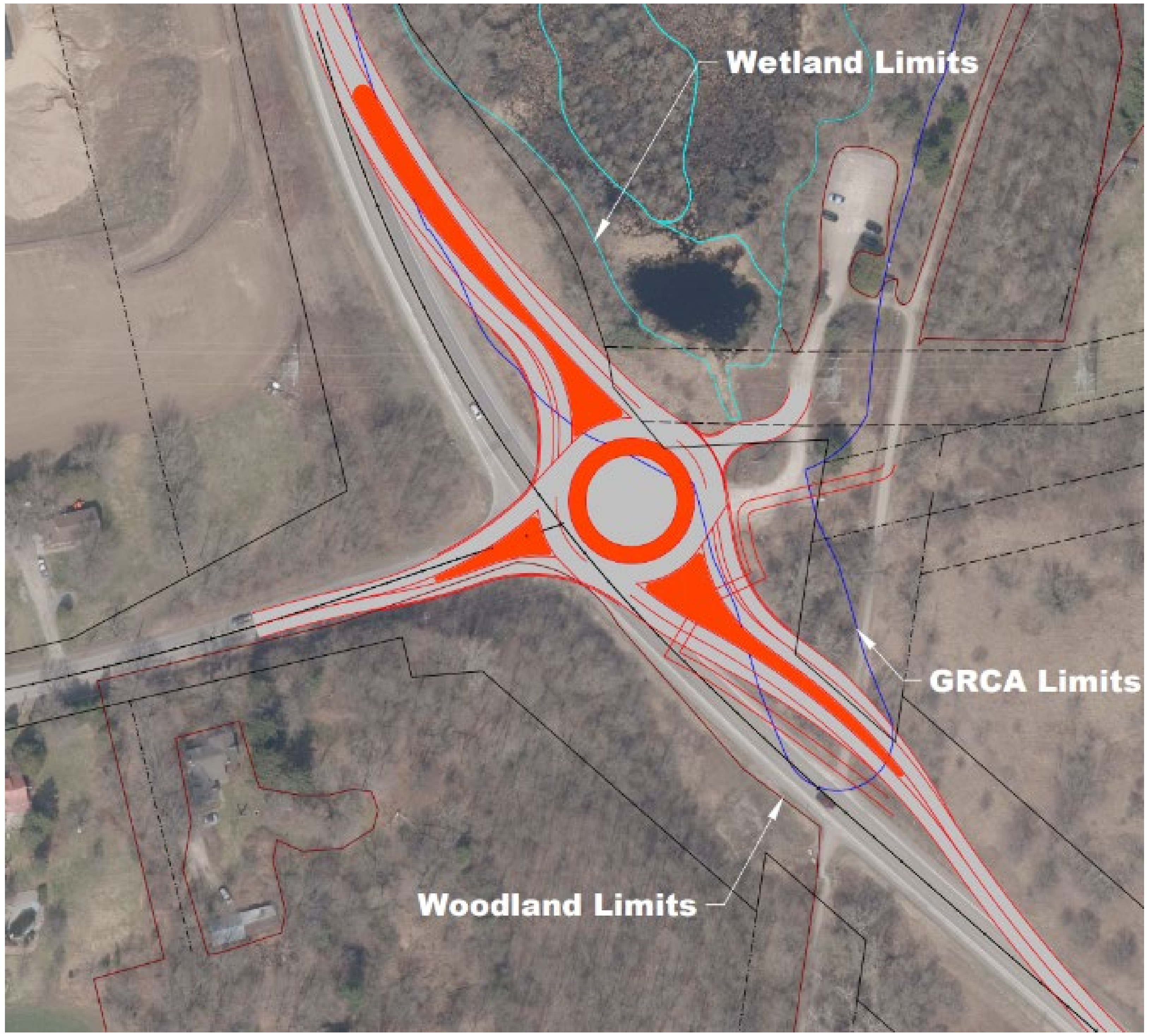
Alternative Designs

Option 2 – Roundabout Shifted West



In this option, the three-legged roundabout is shifted to the west and has very good visibility to/from Powerline Road W as the north approach has a long sight distance. The Super Mailbox will be relocated in the same general area.

Option 3 – Roundabout Shifted East



In this option, the three-legged roundabout is shifted to the east and has low visibility for drivers as the north approach has a short sight distance. The Super Mailbox will be relocated in the same general area. Some property acquisition is required to accommodate the shift for this option.

Southbound Left Turn Lane at Highway 52 and Powerline Road East

Intersection improvements at Highway 52 and Powerline Road East consist of the installation of a new southbound left turn lane and inclusion of a painted median on the south leg to offset the left turn lane from northbound through-traffic. Minor shift of the roadway to the east is required within the existing right-of-way.

Supporting Studies

Transportation Connectivity	• Transportation Assessment
Natural Environment	• Natural Heritage Assessment
Social Environment	• Consultation with residents and interest holders • Policy Review
Cultural Heritage	• Cultural Heritage Evaluation report • Heritage Impact Assessment • Stage 1 Archaeological Assessment
Economic Environment	• Capital Cost Estimation • Operation and Maintenance Cost Estimation • Property Acquisition Cost Estimation

Evaluation of Alternative Designs- Criteria

Natural Environment

Impact trees and vegetation

Impact to wildlife habitat and habitat of species at risk

Impact to water resources and drainage

Potential climate change impact and resilience

Socio-Cultural Environment

Impact to heritage resources such as archaeology and cultural heritage

Nuisance impacts such as noise, visual impact, construction impacts

Land acquisition needs, impacts to driveway access

Conformity to municipal and agency policy

Level of service for local residents and business, impact to municipal services

Multi-Modal Transportation connectivity and safety

Pedestrian and cyclist needs

Financial Environment

Estimated capital costs

Estimate operation and maintenance costs

Property acquisition costs

Technical Environment

Level of service/ traffic congestion

Operational safety, roadside safety for vehicles

Operational safety, roadside safety for active transportation

Design constraints, utility impacts, goods movement requirements

Evaluation of Alternative Designs

Criteria	Alternative Design 1 (Centred)	Alternative Design 2 (Shifted West)	Alternative Design 3 (Shifted East)
Natural Environment	◑	◕	◔
Socio-Cultural Environment	◕	◕	◑
Financial Factors	◕	◕	◑
Technical Factors	◑	◕	◑

Preliminary Preferred

Order of Preference	Most Preferred	More Preferred	Somewhat Preferred	Less Preferred	Least Preferred
	●	◕	◑	◔	○

Preliminary Preferred Concept

Option 2 - Roundabout Shifted West

Key Feature

Natural Environment

- No impacts to the Provincially Significant Wetland. Very minor anticipated impacts to Significant Woodlands.
- Minor impact to Grand River Conservation Authority Regulated lands, Escarpment Protection Area, and Hamilton Environmentally Sensitive Area.

Socio-Cultural Environment

- Not anticipated to impact the potential Cultural Heritage Landscape associated with Hamilton-Brantford Rail Trail.

Technical Environment

- Has the greatest sight distance from the north approach, providing the best visibility for drivers.
- Not anticipated to have significant design constraints.

Financial Environment

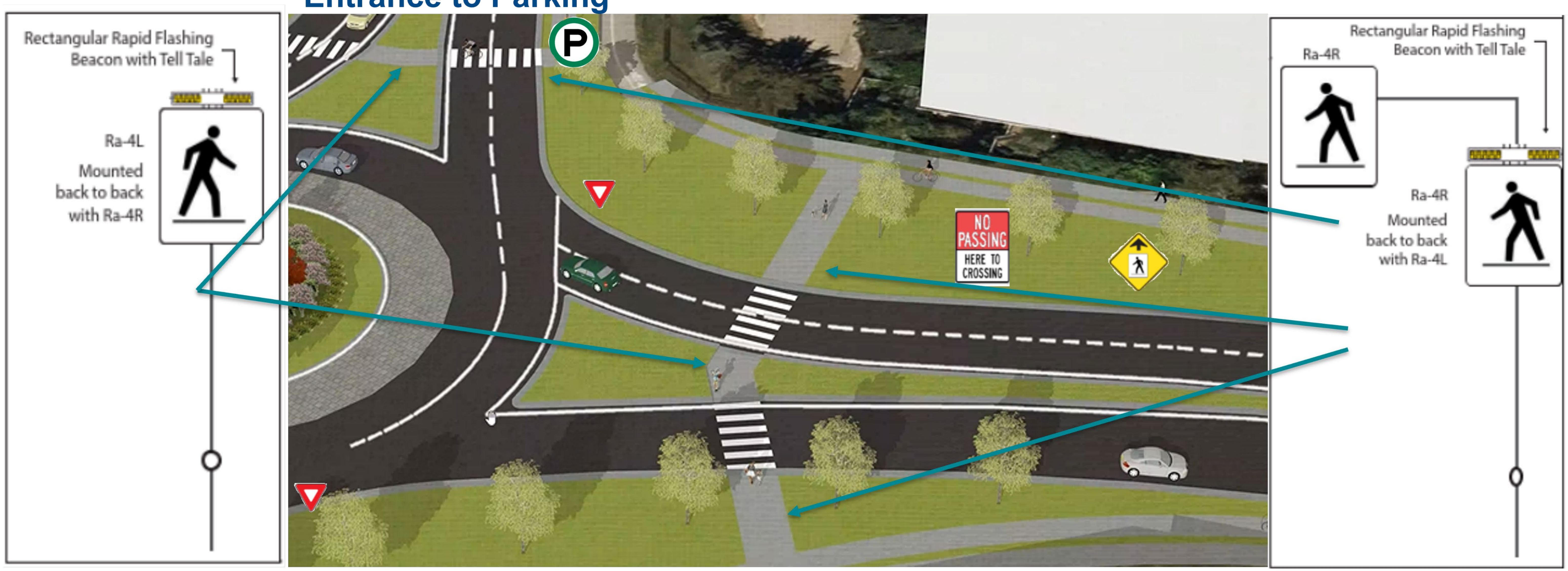
- No property acquisition requirements.
- Moderate capital, operational and maintenance costs anticipated.

Trail Crossing of Highway 52

- Trail crossing options were also considered within the scope of the MCEA
- The option that accommodates pedestrians and cyclist users of the trail is a facility within the roundabout limits
- Users can cross Highway 52 via the south leg of the recommended Alternative Design

Proposed trail realignment concept

Entrance to Parking



Next Steps

October 2025
- Public Information Centre #2 – October 21, 2025 (Today)

November 2025
- Public Comment Review Period (November 7, 2025)

December 2025
- Draft Environmental Study Report circulation to agencies (December 2025)

Winter 2026
- Complete Environmental Study Report for public review and comment
- Issue Notice of Study Completion and 30-day public review period

Implementation

Q2 2026 – Detailed Design of Roundabout at Powerline Road West and Southbound Turning Lane at Powerline Road East

2027 – Agency, Landowner, and Utility Relocate Approvals

2028 – Construction

We want to hear from you!

You are invited to provide comments by completing a comment sheet and submitting it to the comment box today or emailing one of the Project Team members below by **November 7, 2025**.

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Please note that all display boards are available on the project webpage!

Visit the project webpage for more details by using your camera to scan the QR code:

Or use the below website URL:

hamilton.ca/environmental-assessments/highway-52-powerline-road-west-intersection-improvements