

Welcome!

Town of Renfrew

Master Transportation Plan



Renfrew

Welcome to the second Public Open House. This is the second public event for the Town of Renfrew's Master Transportation Plan (MTP) Study.

There is an opportunity at any time during the process for interested persons to provide written input. Any comments received will be collected under the *Environmental Assessment Act*. Personal information you submit will become part of the public record that is available to the general public unless you request that your personal information remain confidential.

Should you have any questions regarding the materials or any other aspect of the study, or if you would like to review any of the background reports, contact either of the following:

Steve Taylor, P.Eng.
BT Engineering Inc., Consultant Project
Manager
Email: steven.taylor@bteng.ca
Phone: 613-228-4813

Eric Withers, Director
Town of Renfrew, Project Manager
Email: ewithers@renfrew.ca
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Introduction

The Town of Renfrew retained BT Engineering Inc. to undertake a Master Transportation Plan (MTP) for the Town's infrastructure including roads, sidewalks, paths, trails and other active transportation facilities. The Study will define the current and long-term improvements required for transportation infrastructure and traffic management in the Town, to improve traffic operation and safety for all modes of transportation.

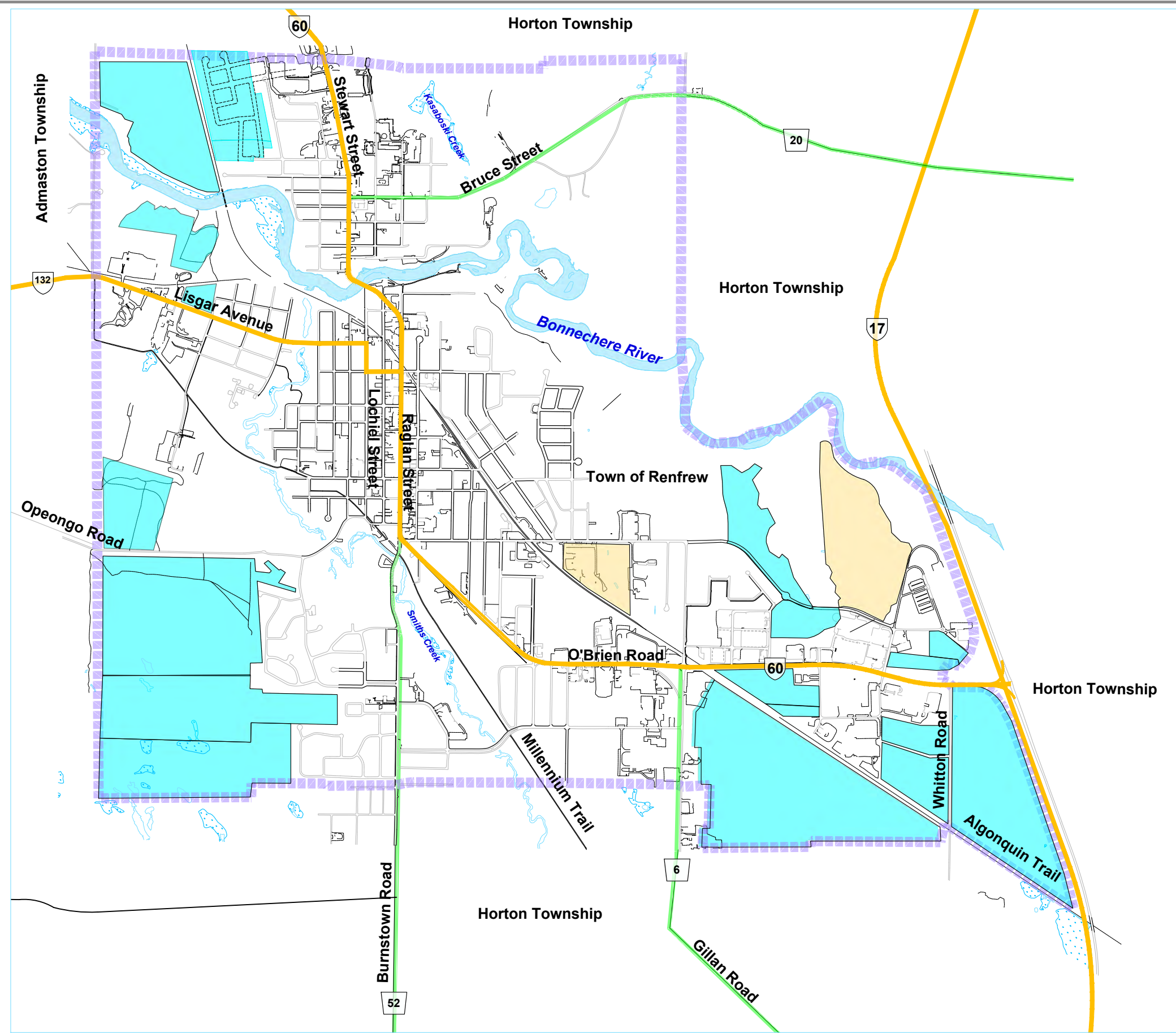
This Study has reviewed the current and future interconnectivity of roads and lands to provide recommendations to the Town, and has considered the potential transportation growth from provincial, County and local traffic and proposed land uses to develop a transportation network for all modes of transportation including passenger and commercial vehicles, public transportation, and active transportation.

The MTP will provide direction for the planning, coordination, and implementation of the road network as well as active transportation facilities.



Renfrew

Master Transportation Plan



Legend

- Brownfield Areas (previously developed land that is currently vacant)
 - Development Areas
- Source: Town of Renfrew Official Plan January 2018 Schedule 'A'.

Growth Areas

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February 2024



Purpose of Public Open House No. 2

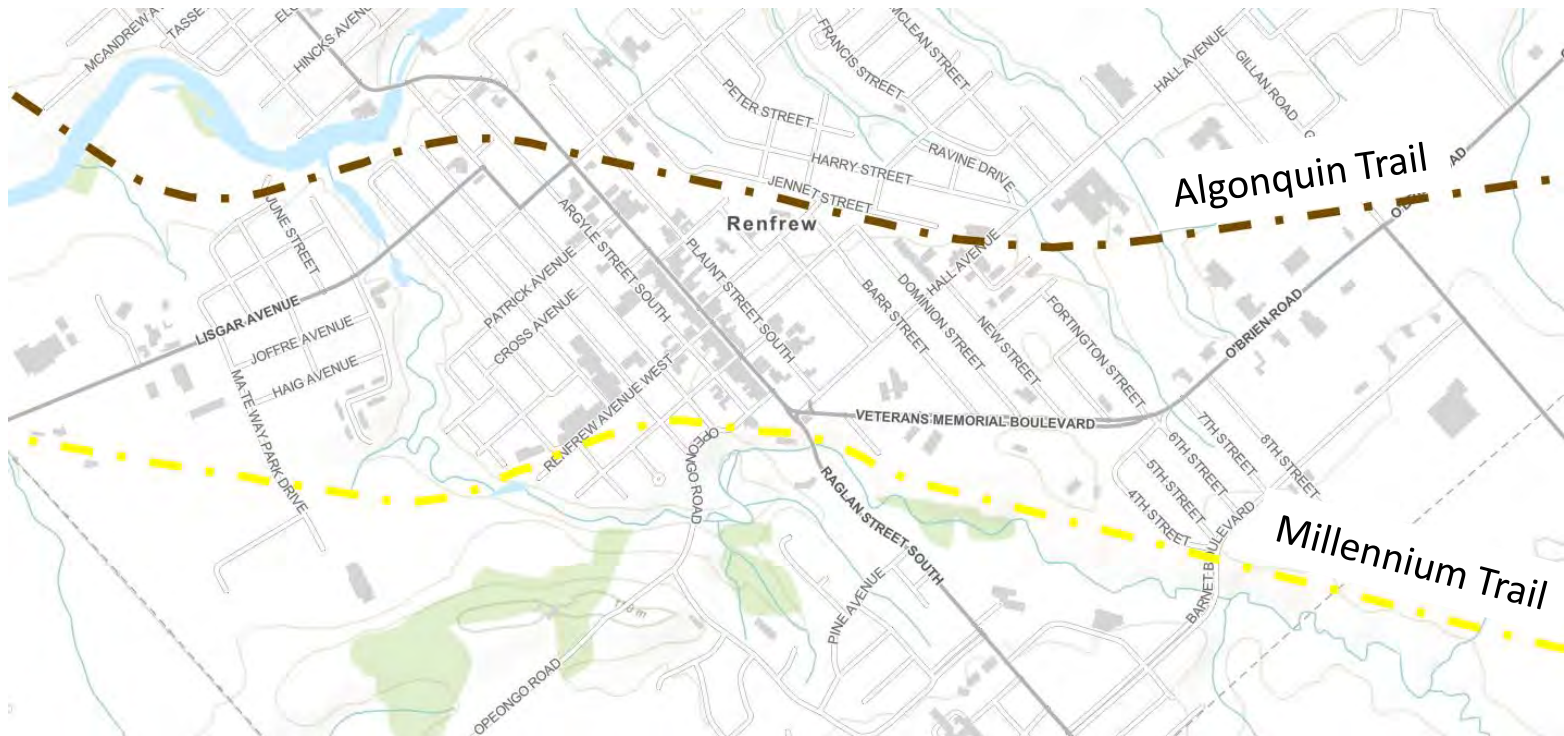
The purpose is to engage and inform the public and stakeholders with the recommended projects, policies, and programs in the MTP. The Study will proactively involve the public, stakeholders and Indigenous Peoples.

The Town of Renfrew initiated this MTP to develop a comprehensive and sustainable transportation plan for efficient development. The MTP includes:

- Evaluation of the current state of the transportation network and response to future demands.
- Identification of future traffic from Provincial, County and local growth.
- Identification of transportation network improvements required for future needs.
- Capital implementation plan.
- Future projects and timing of implementation (for projects in the 20-year horizon, or beyond).

Active Transportation

This study is developing a MTP for the Town's infrastructure including active transportation. Existing trails within the Town are shown below.



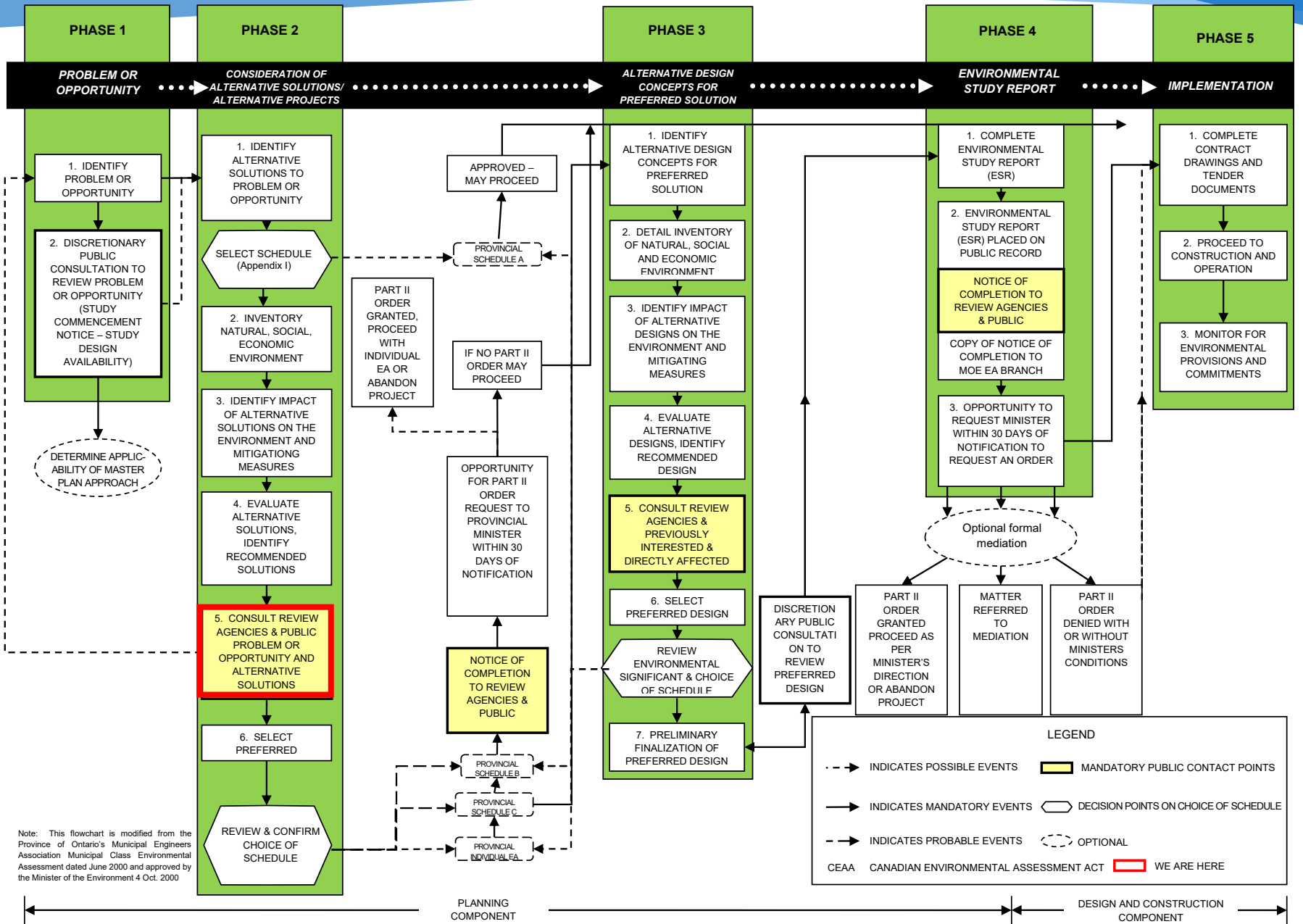
Town of Renfrew Algonquin and Millennium Trails

Municipal Class Environmental Assessment (Class EA) Process (2015)

The MTP planning process considered several transportation network changes that may have impacts on the natural, social and cultural environments. These changes are subject to the Municipal Class Environmental Assessment process (MCEA), under the Province of Ontario's *Environmental Assessment Act*.

The Town initiated this MTP for the expansion of the transportation network in accordance with the Municipal Class Environmental Assessment (2015). The Master Plan is completing Phases 1 and 2 of the Class EA process as shown in the following exhibit.

During the study the MCEA process was amended in 2023, however projects that were initiated before this date are continuing under the 2015 process.



Community Café Input

The study's initial public meeting, completed in Phase 1, was held on Wednesday June 29, 2022.

Three topics of conversation were provided for discussion and the following are major issues identified at the meeting.

Roads/Bridges:

- Traffic congestion.
- Interchange access to Highway 17.
- Need for additional parking lots.
- Linkage from Opeongo Road to Raglan/Hall/Veterans Memorial intersection.
- Modify Highway 132 connectivity.
- Additional capacity across the Bonnechere River.

Active Transportation:

- Trail connectivity to Ma-te-may Park.
- Incorporate multi-use paths (MUP).
- Extend sidewalk links.
- Safety of crosswalks.
- Bury fibre/hydro lines in the roads for future planning and set buildings back from the road.

Programs and Policies:

- Promote ecotourism to encourage visitors.
- Advertise businesses along the Algonquin Trail.
- Integration with ATV network.

A copy of the Public Open House No. 1/Community Café Report is available on the Resource Table.

Recommended Policies

Traffic Management Policy:

- Promotion of a rideshare program.
- Support for a private commuter bus service to Ottawa.
- Provisions for highspeed internet to facilitate residents to work from home.

Road Aesthetics Policy:

- Policy to improve road aesthetics within the right-of-way (ROW).
- Set buildings back a certain distance from the road.
- Bury utilities including fibre and hydro lines.
- Implement overland flow routes for major storm events.

Traffic Calming Policy:

- Creation of a municipal policy to address traffic calming requests.

Roundabout Policy:

- Consideration of roundabouts as an alternative to improve traffic operations and safety.

New Roads Policy:

- Set standards of road right-of-way, boulevard, sidewalk, and MUP widths.
- Set standards of sidewalk requirements of different road types.

Road Name Policy:

- Provide a common name for Veterans Memorial Boulevard/ Raglan Street/ O'Brien Road.

Truck Route By-law:

- Creation of a truck route by-law to manage transport truck traffic in the Town.

Recommended Programs

Local Business Advertisement

- Implement a program to advertise businesses along Algonquin Trail and Millennium Trail.

Eco-tourism

- Coordinate with Renfrew County to strategize ways to promote Eco-tourism in the Town.
- Promote tourism by improving signage and navigation for tourists to find local businesses and trails.

Education

- Create a website to educate the public on roundabouts.

Sustainability

- Promote sustainability by providing electric car charging stations near restaurants and businesses.
- Pedestrian and Bicycle Safety Program.

Recommended Projects

A long list of potential projects was generated through the Public Open House No. 1/Community Café and discussions with stakeholders. Several projects have been carried forward to be implemented in the Town.

Timeline for these projects include short term (0-10 years), medium term (10-20 years), and long term (20+ years) projects to support development within the Town. The projects range from active transportation improvements (sidewalks and multi-use paths), to new collector and arterial roads to improve network connectivity, to intersection improvements, and more.

The identification of new road corridors allows land use development to be planned and municipal service planning within the future transportation corridors.

The recommended projects being carried forward in the plan are on the following exhibits.

List of Short-Term Projects (0-10 years)

Project
Roadway/Parking Projects
Raglan/Hall/Veterans Memorial Intersection Improvements EA
Completion of an EA for the replacement of the Raglan Street Bridge at a new elevation (higher height) including reconstruction of Raglan Street (to accommodate an intersection in close proximity to the bridge)
Gillan Road/Highway 17 intersection signalization (MTO)
Realign Highway 132 to connect to Highway 60, and consideration of realignment to Raglan Street
Completion of EA for Whitton Road at O'Brien Road and add new road network connectivity, see East Development Roads EA exhibits
Construct roadway link between Innovation Drive and Whitton Road
Construct a roundabout at Wrangler Road/Innovation Drive/O'Brien Road, see future roundabout on following exhibits
Extend Froats Street, southerly and create new 4-way intersection at O'Brien Road
Construct northbound left-turn lane on Raglan Street at Renfrew Avenue West (includes removal of on-street parking stalls).
Completion of Hall Avenue Extension
Extend the north-south arterial Boundary Roadway southerly to Pucker Street. Designate Pucker Street as an arterial road (Horton Township jurisdiction). This provides a southern/western boundary road for Renfrew connecting Burnstown Road to Highway 132.
Park and Ride: Provide better signage to the Mask Road Park and Ride (i.e. signage on O'Brien Road) and/or expansion / construct new Park and Ride lots at all three new MTO interchanges on Highway 17
Provision of public parking adjacent to the Children's Aid Society
Coordination of an alignment through the northwest development lands to facilitate the long-term arterial road for a west Bonnechere River bridge crossing
Active Transportation Projects
Construct multi-use paths along Hall Avenue
Provide connections between Algonquin Trail and Millennium Trail to access Ma-te-way Park (1. Ma-te-way Park Dr. and 2. Hall Ave.)
Extend the multi-use path link on Barnet Boulevard easterly
Provide new MUP on Gillan Road from O'Brien Road to Millenium Trail
Extension of Stewart Street MUP from Mason Avenue westerly
Provide wider sidewalks and improve sidewalk connectivity in the area surrounding the Renfrew Victoria Hospital
New Algonquin Trailhead at Railway Avenue
Construct a multi-use path along Eighth Street between O'Brien Road and Barnet Boulevard



Renfrew

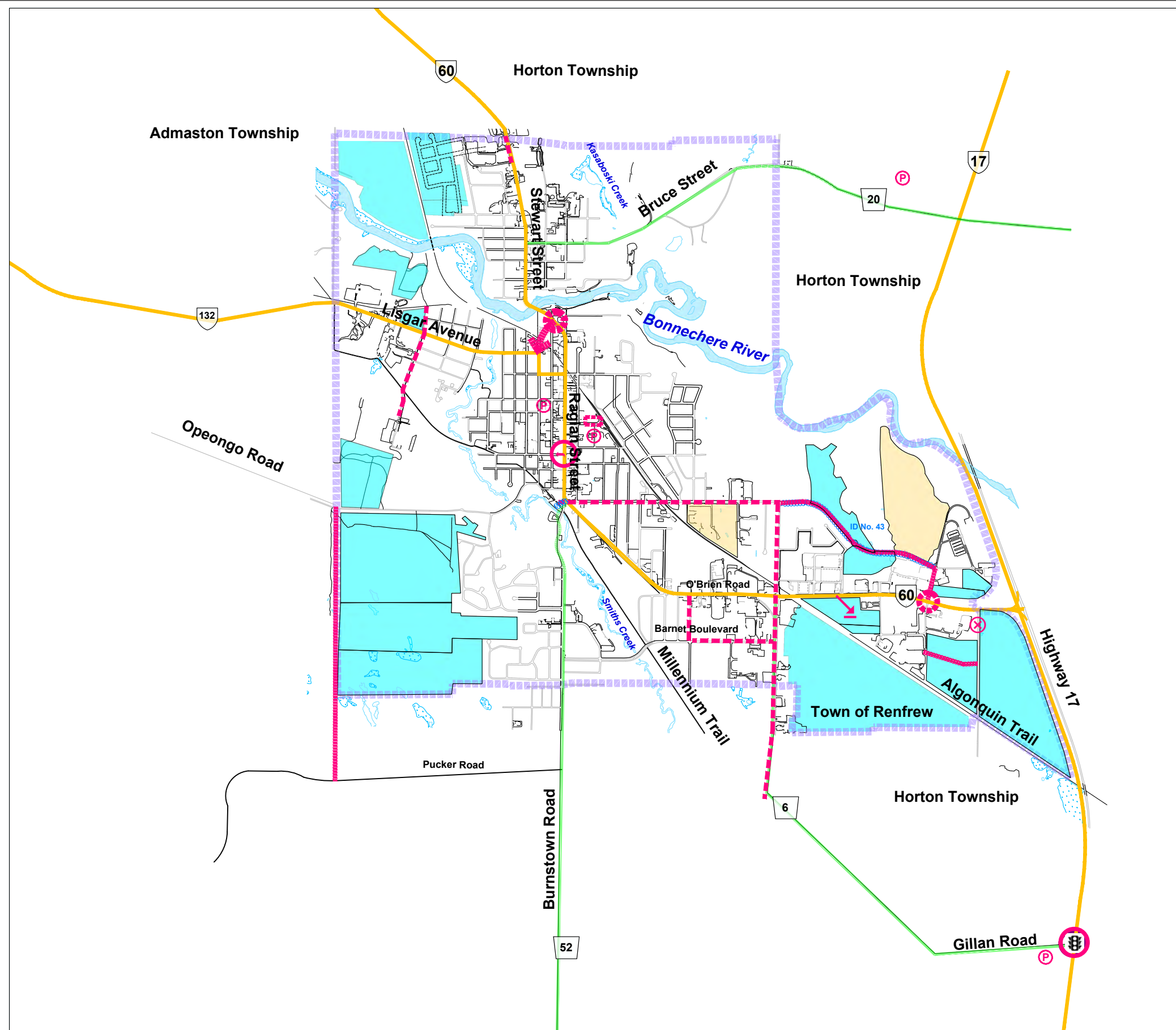
Master Transportation Plan

Legend

-  Short Term Projects
-  Roundabout
-  Signals and left-turn lanes
-  Road Closure
-  Multi-use Pathway
-  Development Areas
Source: Town of Renfrew Official Plan January 2018 Schedule 'A'.
-  Brownfield Areas (previously developed land that is currently vacant)

Project Prioritization Short Term 0-10 years

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List of Medium-Term Projects (10-20 years)








Project
Roadway Projects
New Gillan Road Interchange (by MTO)
New O'Brien Road Interchange (by MTO)
New Bruce Street Interchange (by MTO)
Roundabout at O'Brien Road and Mask Road
Roundabout at O'Brien Road and Gillan Road
Roundabout at O'Brien Road and Fortington Street
Widen O'Brien Road to a 4-lane arterial from Highway 17 to Veteran's Memorial Boulevard (2 km)
Provide new north-south Boundary Road connection from Opeongo Road to Highway 132 and improve access to the Ma-te-way Activity (Emergency) Centre
Extend Pucker Street from Burnstown Road to Gillan Road, County Road 6. This provides a southern/western boundary road for Renfrew connecting Gillan Road to Highway 132.
Provide Barnet Blvd. extension / Whitton Road closure as part of East Development Lands recommended plan
Mask Road and Innovation Drive extensions as part of East Development Lands recommended plan
Realignment of Opeongo Road to Raglan Street
Active Transportation Projects
Multi-use paths along Opeongo Road



Renfrew

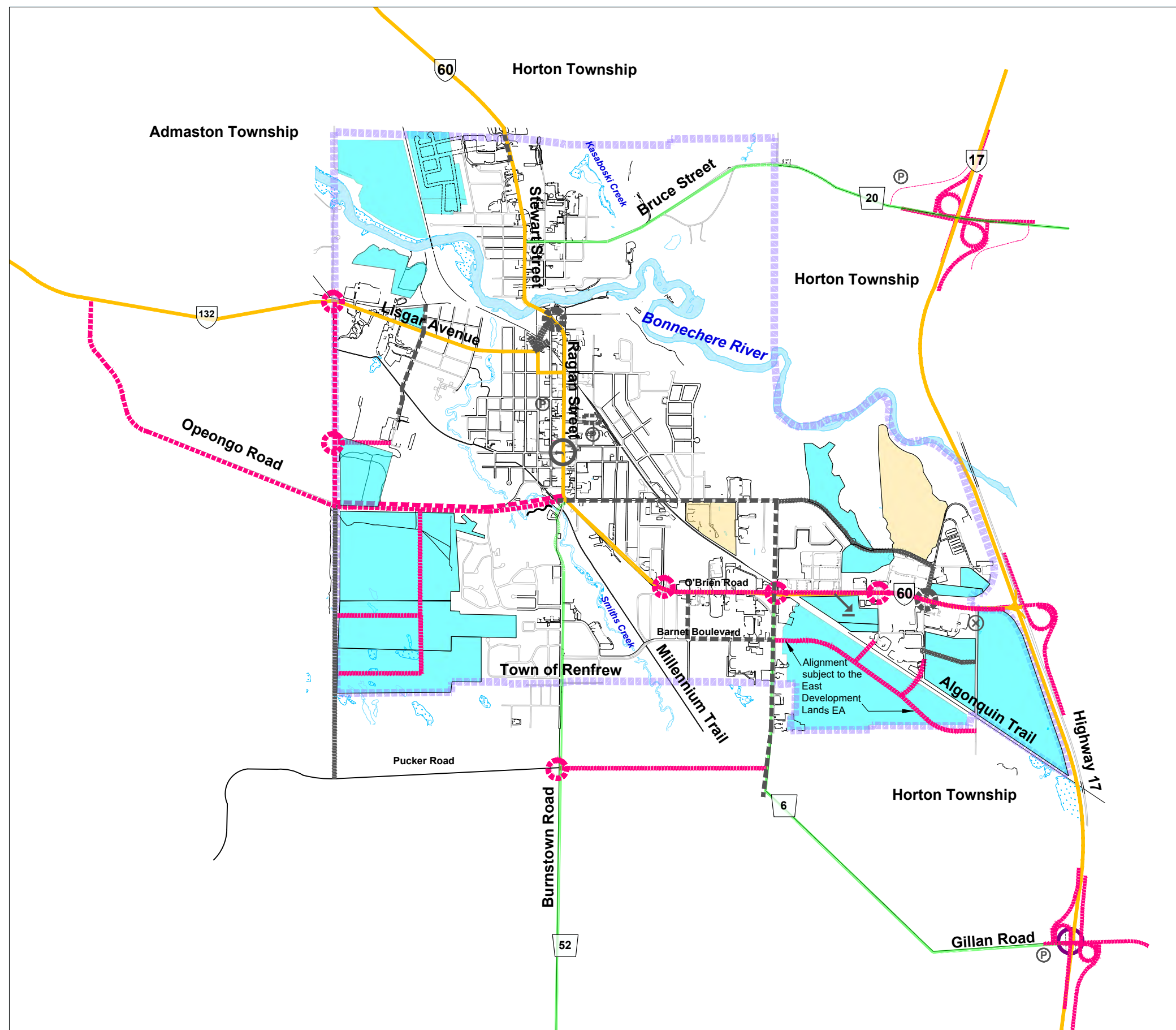
Master Transportation Plan

Legend

-  Medium Term Projects (Highway 417 interchanges by MTO)
-  Roundabout
-  Signals and left-turn lanes
-  Road Closure
-  Multi-use Pathway
-  Development Areas
Source: Town of Renfrew Official Plan January 2018 Schedule 'A'.
-  Brownfield Areas (previously developed land that is currently vacant)

Project Prioritization Medium Term 10-20 years

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List of Long-Term Projects (20+ years)

Project
Construct Raglan/Hall/Veterans Memorial Intersection improvements (Following the recommendations of the EA)
Replacement of the Raglan Street Bridge on a new alignment (horizontal and vertical) connecting to the improved intersection east of the bridge
New East Bonnechere River crossing and extensions to Munroe Avenue East and Gillan Road
New West Bonnechere River crossing from the future Boundary Road at Highway 132 through the northern development lands
New roadway link along west boundary to Lime Kiln Road to Highway 17.
Redesignate Boundary Road / Lime Kiln Road connection to Highway 17 as Highway 132 (MTO)



Renfrew

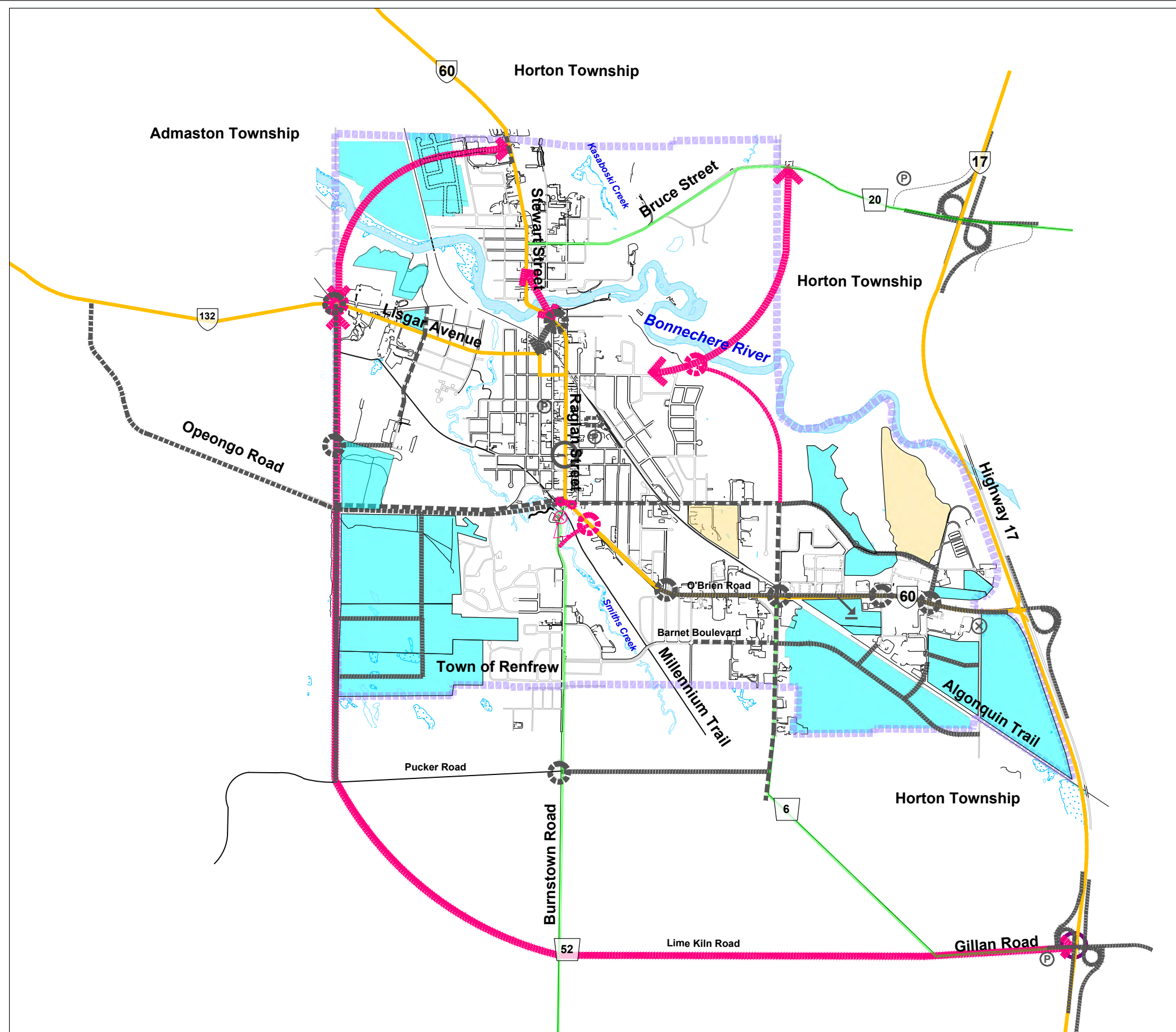
Master Transportation Plan

Legend

-  Long Term Projects
-  Roundabout
-  Signals and left-turn lanes
-  Road Closure
-  Multi-use Pathway
-  Development Areas
Source: Town of Renfrew Official Plan January 2018 Schedule 'A'.
-  Brownfield Areas (previously developed land that is currently vacant)

Project Prioritization Long Term 20+ years

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February 2024
















Renfrew

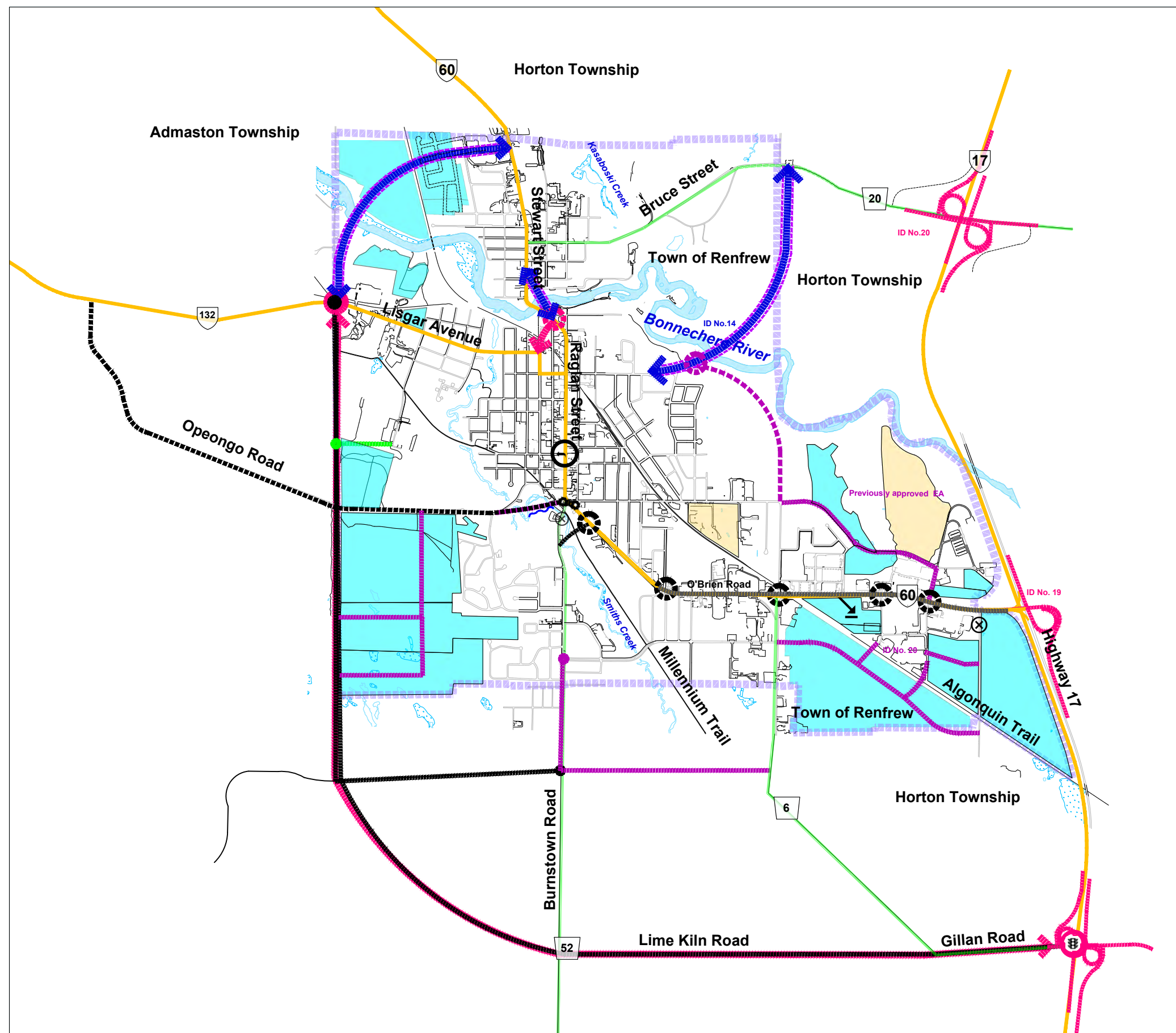
Master Transportation Plan

Legend

-  New River Crossing Alternative
-  New Arterial Road Improvements
-  New Arterial Road Roundabout
-  New Collector Road Alternative
-  New Collector Road Roundabout
-  New Highway Improvement Alternative
-  Signals and left-turn lanes
-  Road Closure
-  New Driveway/ Roadway Alternative
-  Development Areas
Source: Town of Renfrew Official Plan January 2018 Schedule 'A'.
-  Brownfield Areas (previously developed land that is currently vacant)

Overall Projects Under Study

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Renfrew

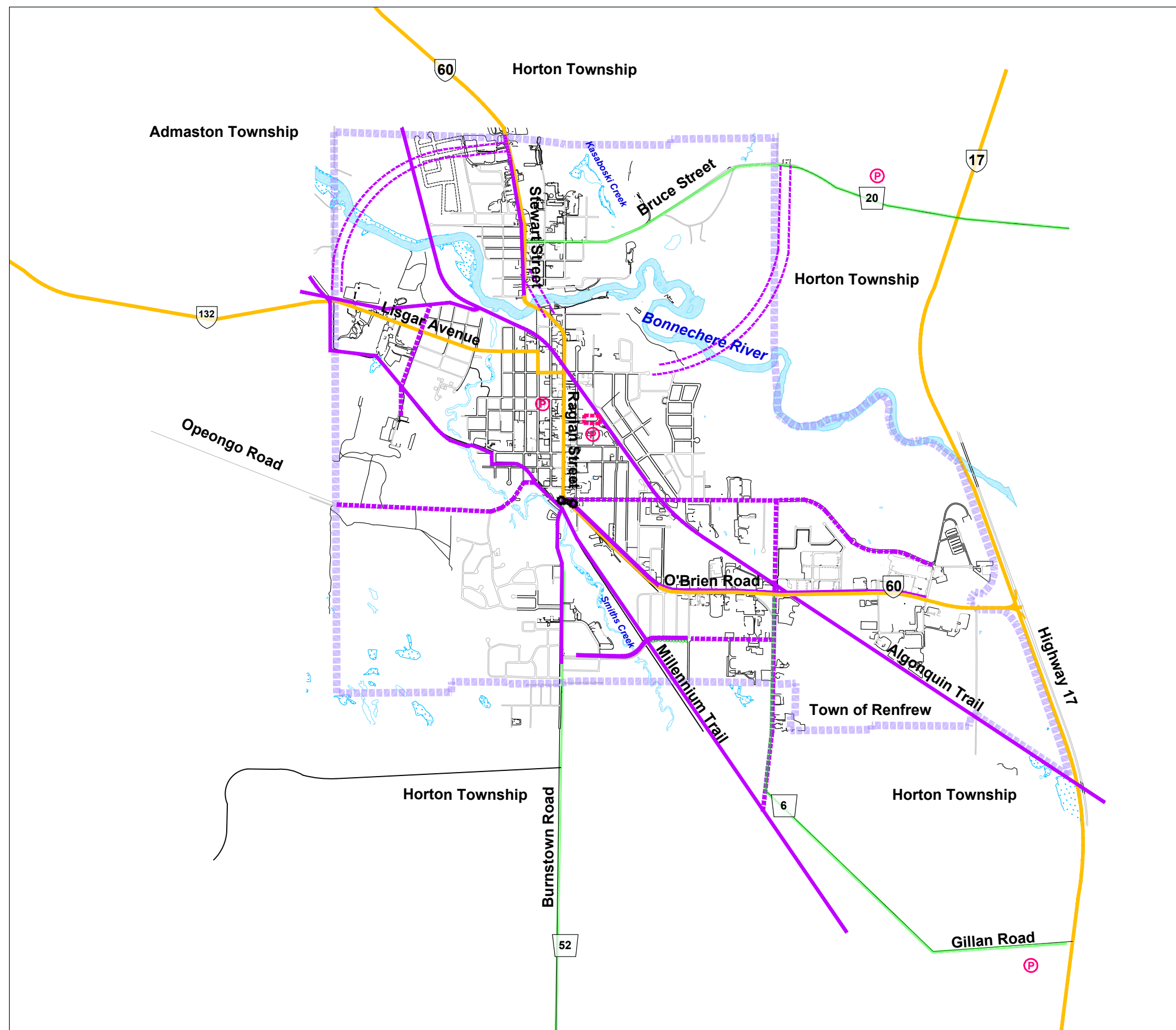
Master Transportation Plan

Legend

-  Existing Multi Use Pathway (MUP)/Abandoned Railway Trails
-  New MUP/Active Transportation
-  Proposed Parking

Trails and Parking Under Study

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The Major Future Projects

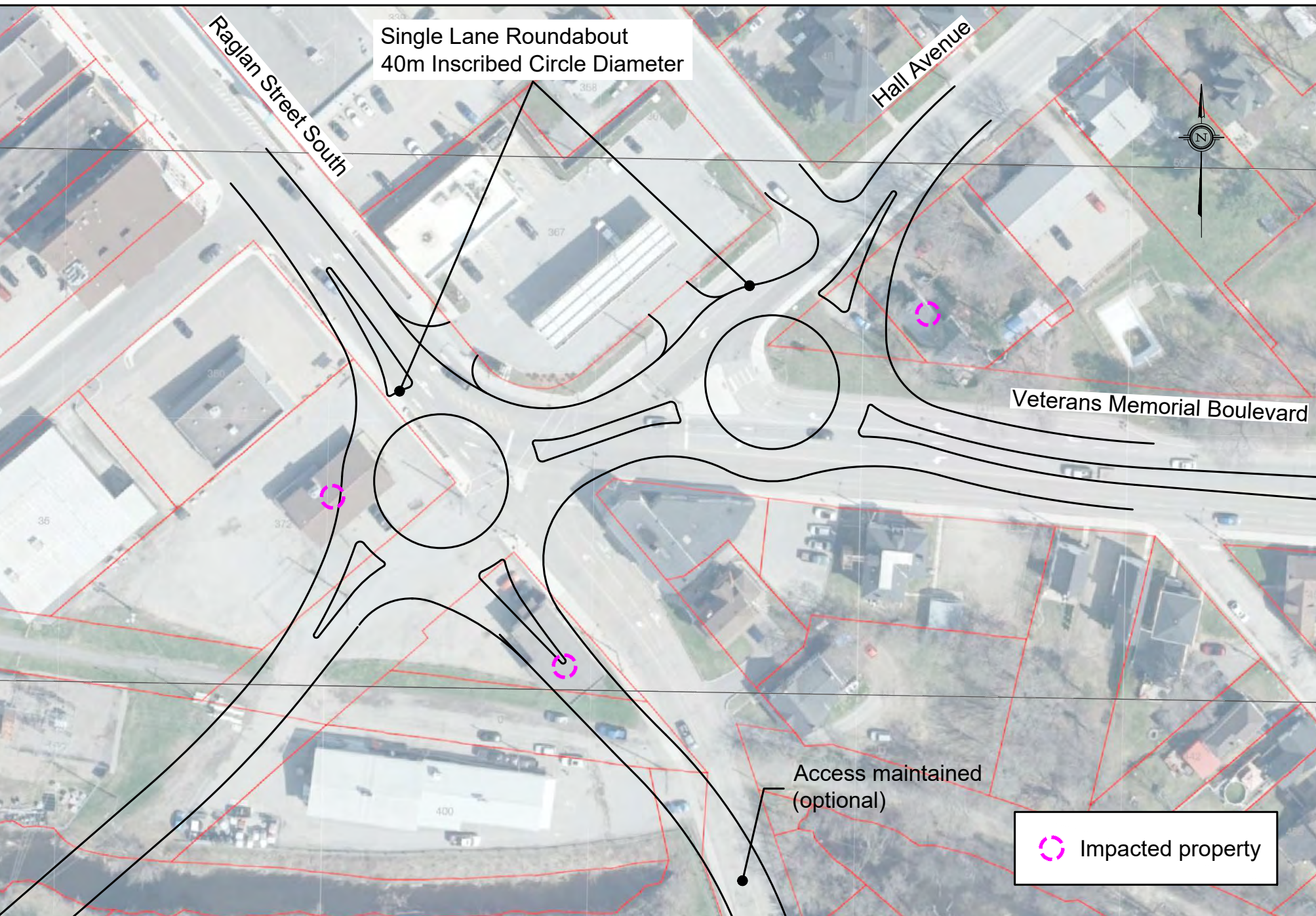
- Whitton Road Closure/East Development Lands EA and improvements.
- Opeongo Road Realignment.
- Improvements to O'Brien Road Intersections.
- Development of the west Boundary Road.
- Planning for Bonnechere River crossing improvements.
- Raglan/Hall/Veterans Memorial Intersection Improvements (Preliminary concepts for future study are shown on the following exhibits).


Single Lane Roundabout
40m Inscribed Circle Diameter

Raglan Street South

Hall Avenue

Veterans Memorial Boulevard

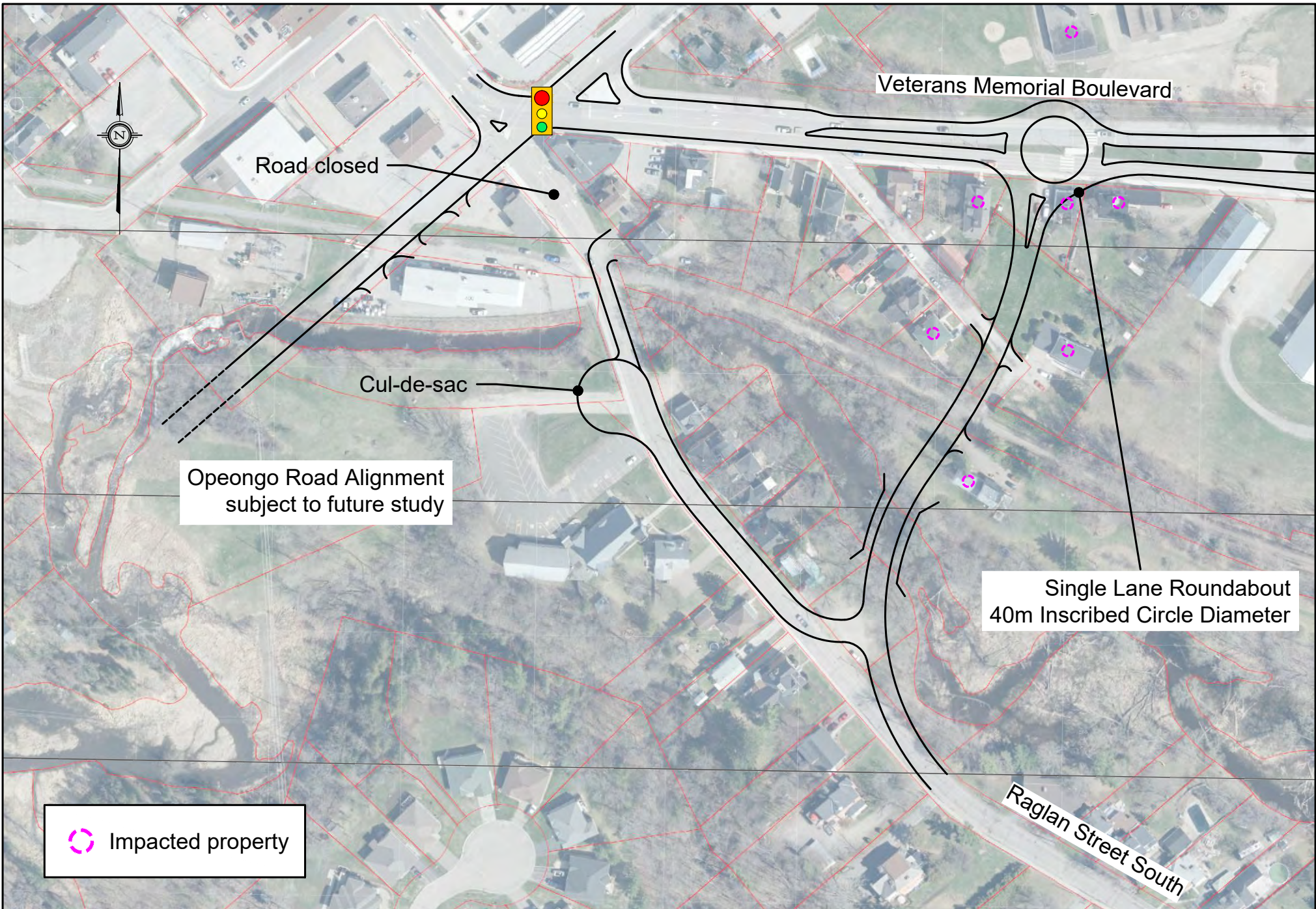


 Impacted property

BTE 22-007
2024-01-24
8½ x 11 Scale 1:1000

Alternative 1 to be considered in Future Schedule C EA
Raglan Street / Hall Avenue





Opeongo Road Alignment
subject to future study

Single Lane Roundabout
40m Inscribed Circle Diameter

⊗ Impacted property

BTE 22-007
2024-01-24
8½ x 11 Scale 1:2000

Alternative 2 to be considered in Future Schedule C EA
Raglan Street South Realignment





BTE 22-007
2024-01-24
Scale: NTS

**Potential Alternative to be considered in
Future Schedule C EA
Lochiel Street South Realignment**



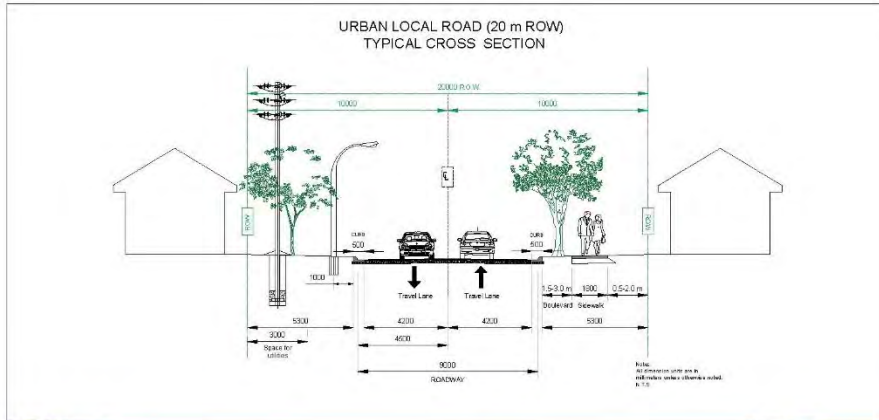


BTE 22-007
 2024-01-24
 8½ x 11 Scale 1:1000

**Potential Alternative to be considered in
 Future Schedule C EA
 Proposed Bridge Street Concept**



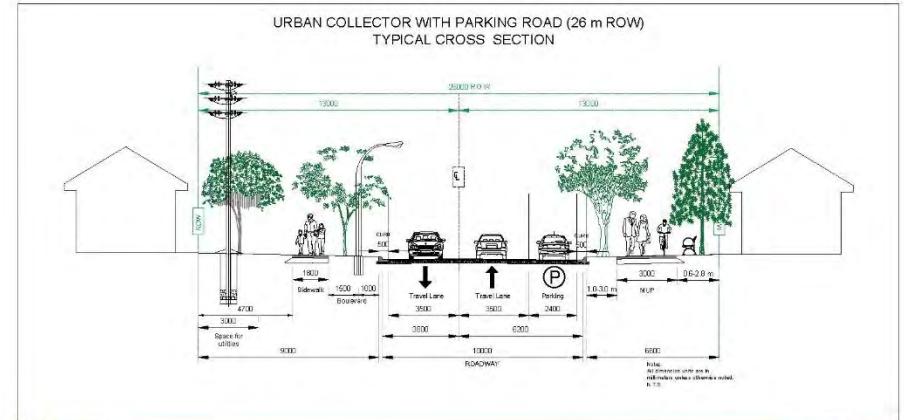
Urban Local and Collector Road Standards



BT ENGINEERING
BTE

URBAN LOCAL ROAD (20 m ROW)
TYPICAL CROSS SECTION

Renfrew
Building Charm and Convenience

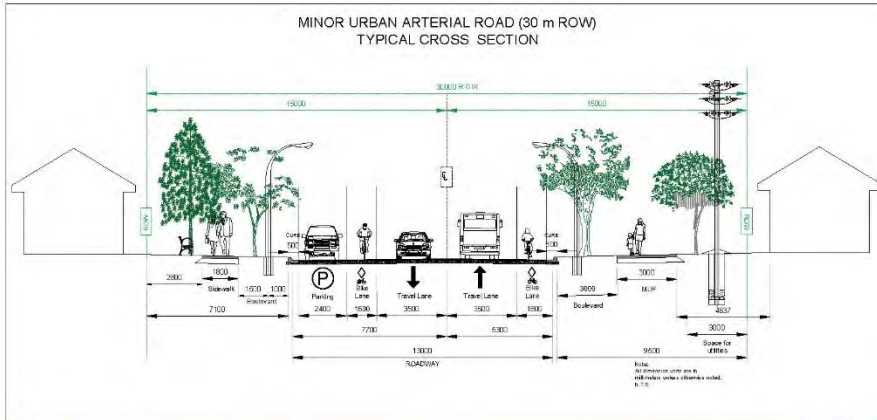


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URBAN COLLECTOR WITH PARKING ROAD (26 m ROW)
TYPICAL CROSS SECTION

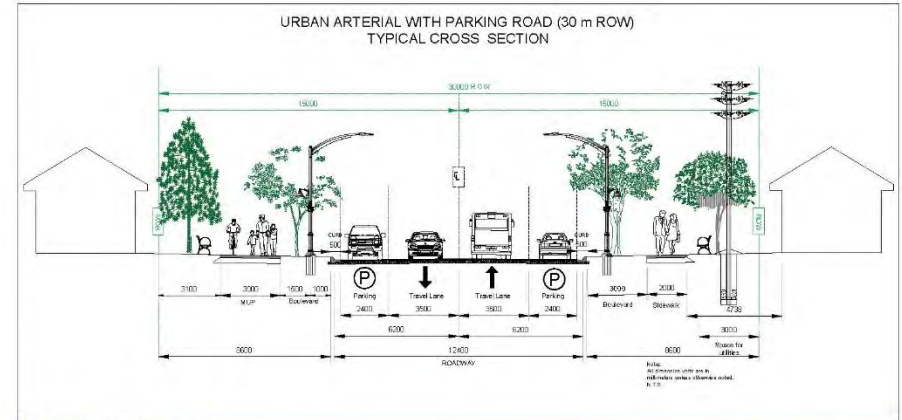
Renfrew
Building Charm and Convenience

Urban Arterial Road Standards



BT ENGINEERING
BTE

MINOR URBAN ARTERIAL ROAD (30 m ROW)
TYPICAL CROSS SECTION

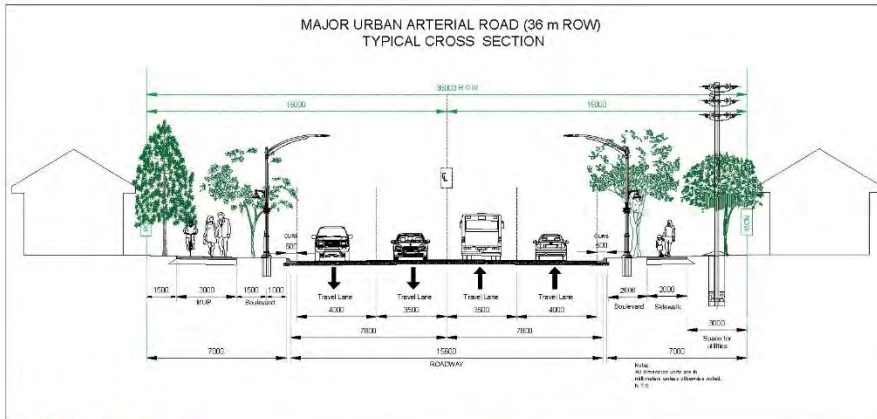


BT ENGINEERING
BTE

URBAN ARTERIAL WITH PARKING ROAD (30 m ROW)
TYPICAL CROSS SECTION

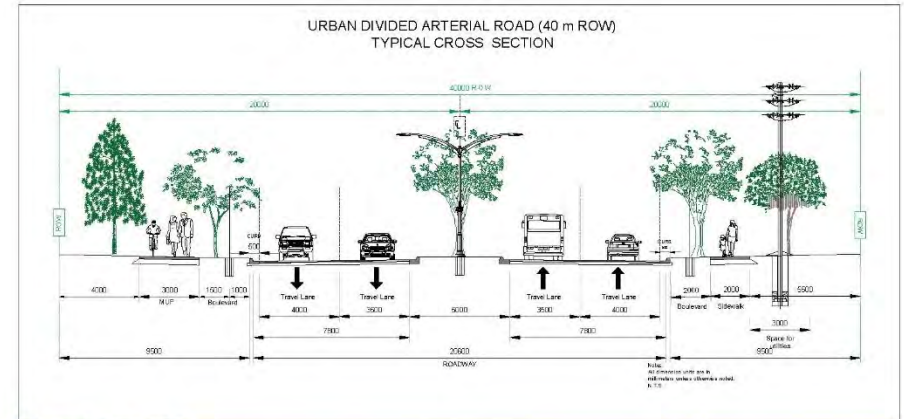


Urban Divided Arterial and Urban Arterial with Parking



BT ENGINEERING
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MAJOR URBAN ARTERIAL ROAD (36 m ROW)
TYPICAL CROSS SECTION

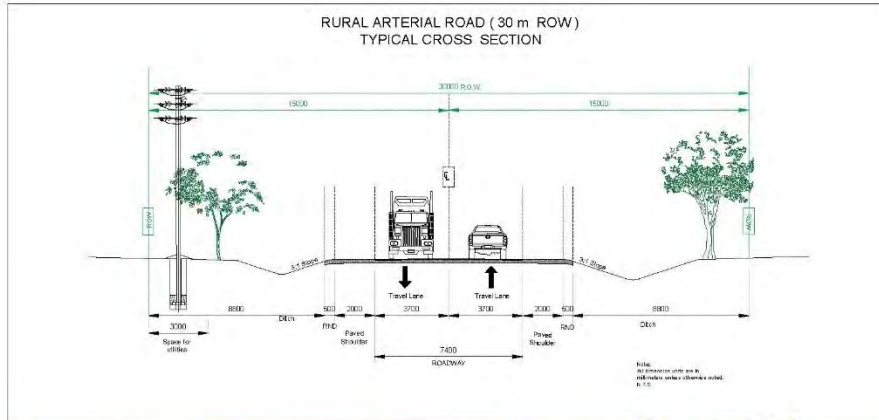


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URBAN DIVIDED ARTERIAL ROAD (40 m ROW)
TYPICAL CROSS SECTION

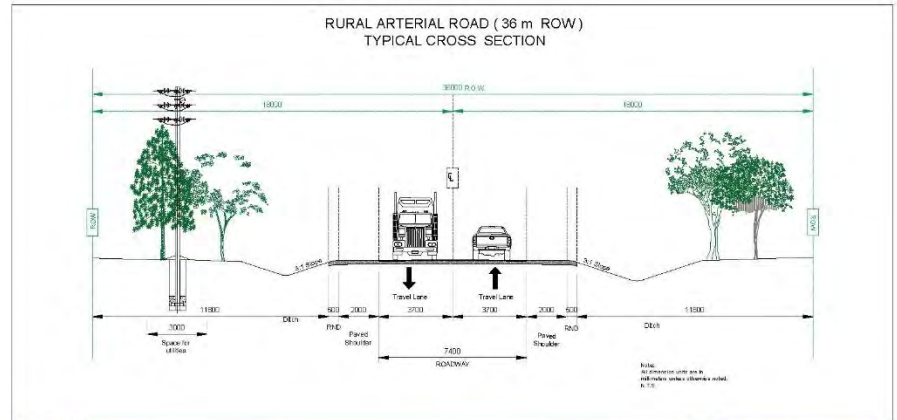


Rural Arterial Road Standards



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RURAL ARTERIAL ROAD (30m ROW)
TYPICAL CROSS SECTION



BT ENGINEERING
BTE

RURAL ARTERIAL ROAD (36 m ROW)
TYPICAL CROSS SECTION



Next Steps and Your Involvement

Following this Public Open House, we will:

- Review all comments.
- Present the Master Transportation Plan to Town Council.
- Finalize the Master Transportation Plan Report.
- Advertise the Master Transportation Plan for a 30-day public review.

How can you remain involved in the Study?

- Request that your name/email be added to the Study Mailing List.
- Provide a comment by submitting a comment sheet or emailing one of the contacts below.
- Contact the Town's representative or the Consultant at any time.

Steve Taylor, P.Eng.
BT Engineering Inc., Consultant Project Manager
Email: steven.taylor@bteng.ca
Phone: 613-228-4813

Eric Withers, Director
Town of Renfrew, Project Manager
Email: ewithers@renfrew.ca
Phone: 613-432-8166 ext. 305

Please submit any questions or comments to the contacts listed above by **April 12, 2024**.

Thank you for your participation in this Public Open House. Your input into this project is valuable and appreciated.

All information is collected in accordance with the *Freedom of Information and Protection of Privacy Act*.