



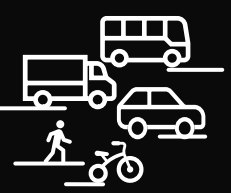
February 26, 2025

Transportation Master Plan



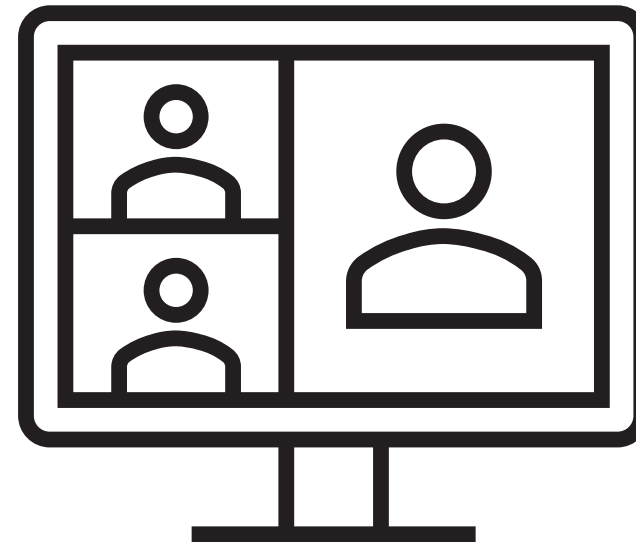
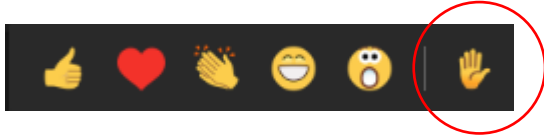
Virtual Public Information Centre (PIC)

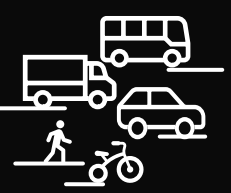




House Keeping Items

- Please mute microphones unless you are speaking
- This presentation will be recorded
- Question period to follow after the presentation – any questions can be submitted through the chat
- During the question period, if you wish to speak, please raise your hand (under ‘reactions’) and unmute when called on





Welcome to the Township of Bonnechere Valley PIC



We want to hear from you as your involvement is key to the success of the Transportation Master Plan (TMP)

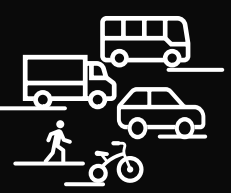


The Public Information Centre will be used to present information about the TMP, provide you with the chance to have your say, speak with the project team and learn more about transportation within the Township of Bonnechere Valley



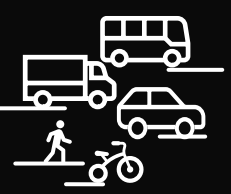
We want to hear your ideas and concerns about the transportation system. They will be reviewed as part of the study process

For more information about this TMP study, please visit:
[County of Renfrew: Transportation Master Plan - County of Renfrew \(civilspace.io\)](https://www.civilspace.io)



What is a Transportation Master Plan (TMP)?

- A Transportation Master Plan (TMP) is a long-term strategy that guides the planning, expansion, and management of a multi-modal transportation system, ensuring policies and strategies align with the Township of Bonnechere Valley's growth and future vision.
- The Township of Bonnechere Valley is completing its TMP in parallel with the following municipality's TMPs:
 1. County of Renfrew
 2. The Township of Whitewater Region
 3. The Township of Horton
 4. The Town of Arnprior
- The TMP is conducted in accordance with the Master Planning process as prescribed in the "Class EA for Municipal Road projects"
- A TMP addresses Phases 1 and 2 of the five-phase Municipal Class Environmental Assessment Process including public information centres and assessment of alternatives

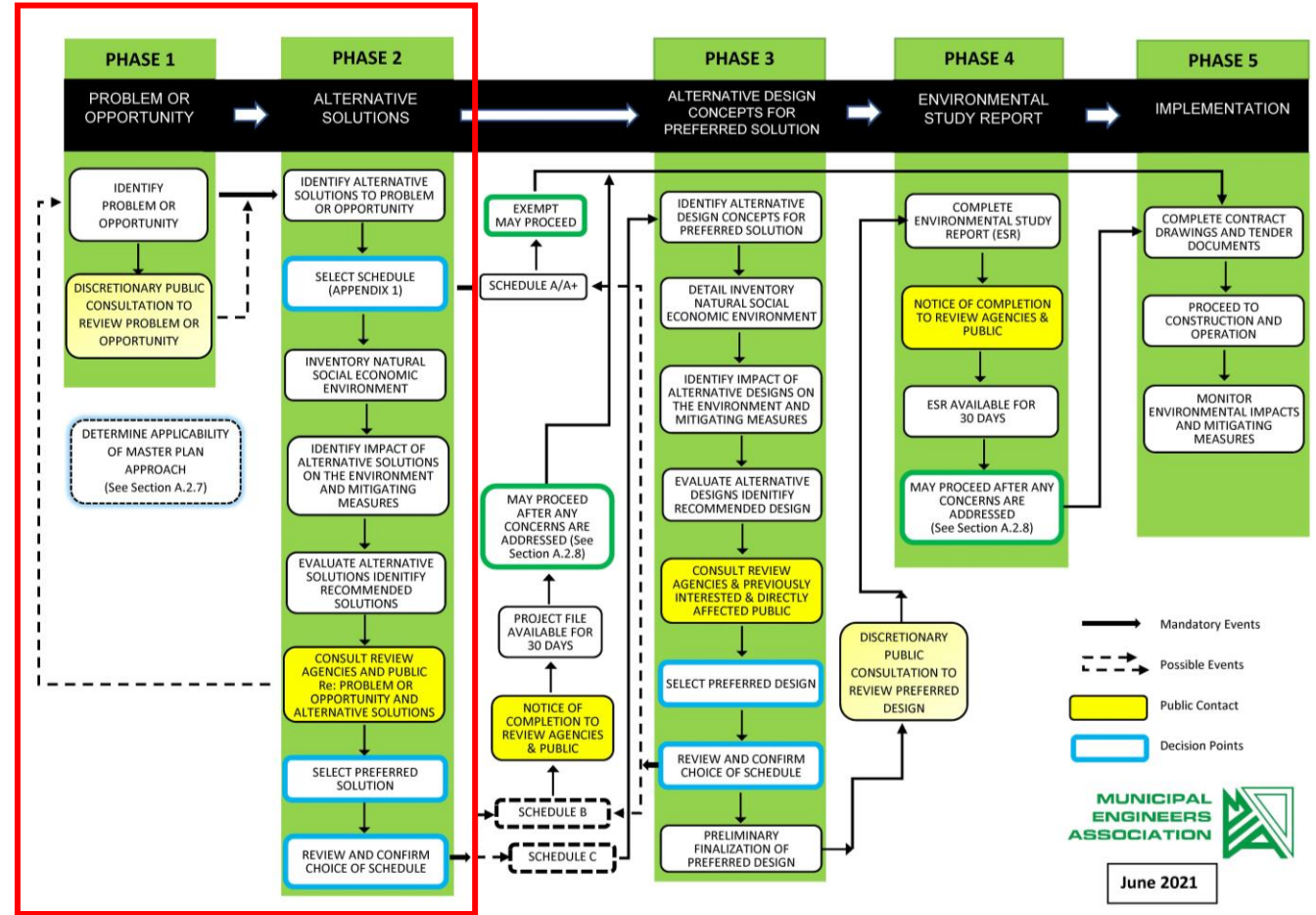


Municipal Class Environmental Assessment Master Planning Process

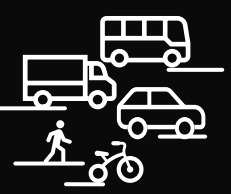
- The TMP will be developed in accordance with the Provincial Environmental Assessment (EA) Act, following Approach 1 as outlined in the 2023 Municipal Class Environmental Assessment (MCEA) document
- The TMP will cover Phase 1, Problem and Opportunity, and Phase 2, Alternative Solutions, of the MCEA Process
- The comprehensive TMP will satisfy Phase 1 and 2 of the EA process and facilitate streamlining and implementation of recommended capital works

MUNICIPAL CLASS EA PLANNING AND DESIGN PROCESS

NOTE: This flow chart is to be read in conjunction with Part A of the Municipal Class EA

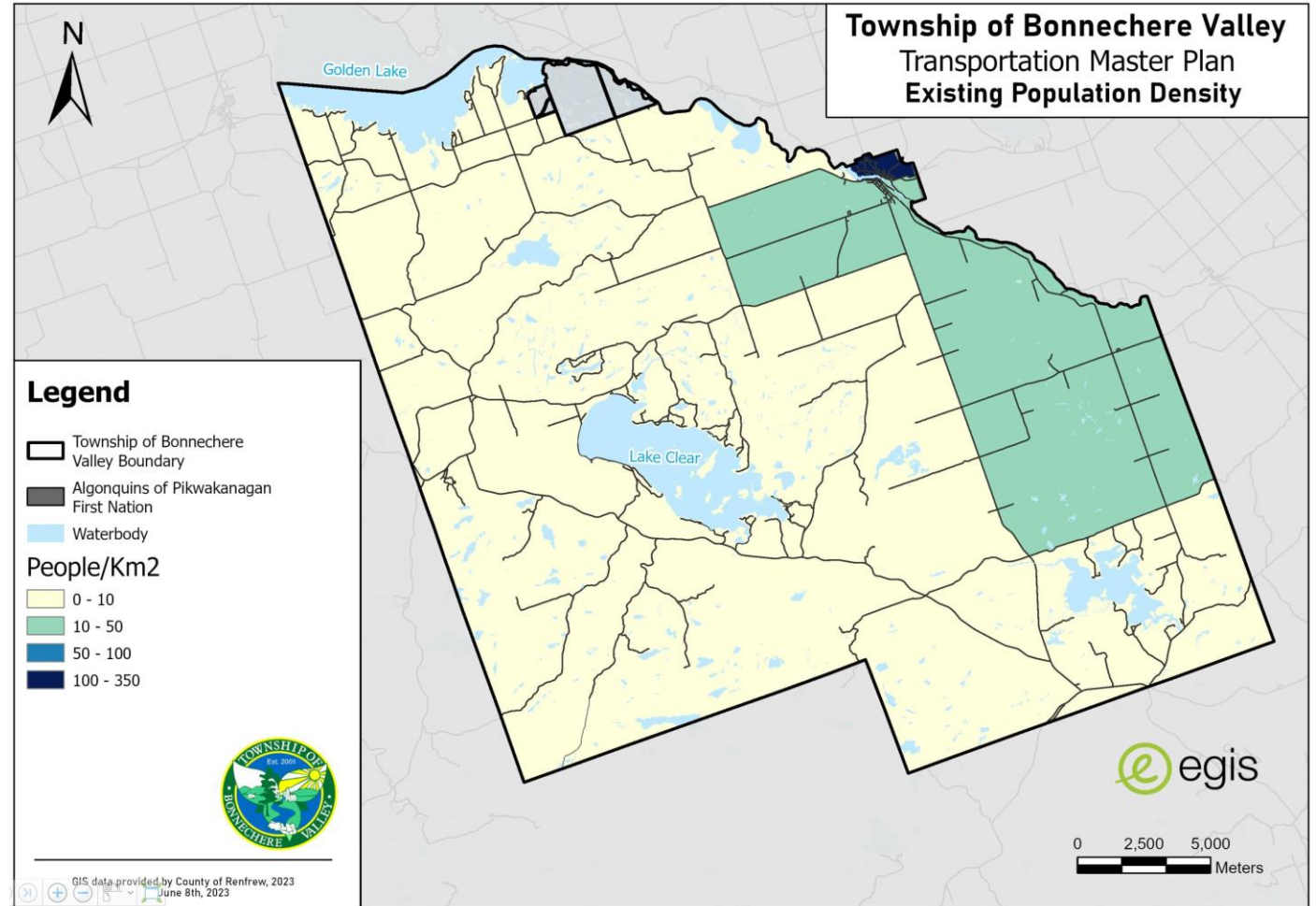


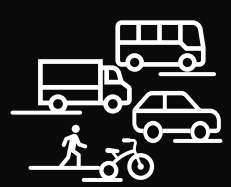
*Completed as part of the TMP Process



Study Area Background

- Township of Bonnechere Valley is a lower tier municipality. It is part of the County of Renfrew and located in eastern Ontario. It is centrally located between the Nation's Capital Region and the Historic Algonquin Park within the County
- As per 2021 Statistics Canada data, the land area of the Township is **588.36 km²** and a population density of **6.6 people/ km²**
- According to the most recent 2021 census data, the Township of Whitewater Region has a total population of **3,898**. This is a **6.1%** increase from 2016 to 2021. In Eganville the 2021 population was reported by Census data to be **1,149**
- The population of the Township is forecasted to reach **4,263** by 2036





Study Process



Existing Conditions Assessment

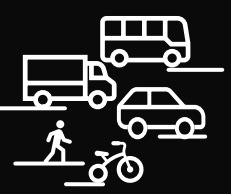
- Study Initiation
- Information Gathering
- Data Collection and Background Document Review
- Existing Conditions Analysis
- Public and Stakeholder Engagement 1
- Identify system issues & opportunities

Identification of Alternative & Solutions

- Network Assessment (Capacity, Transit Feasibility Study, Parking Assessment)
- Policies and Design Standard Updates
- Active Transportation Plan
- Development of Preferred Solutions and Alternatives
- Public and Stakeholder Engagement 2

Documentation & Finalization

- Refinement of Preferred Solution
- Finalize Transportation Assessment
- Public Works Staff Presentation
- Final Transportation Master Plan
- Council Presentation



Public Engagement Objectives



Introduce the project and outline study process



Present preliminary recommendations for all modes of transportation (i.e., active transportation, transit, and road improvements)



Present the understanding of the study area and future conditions of the Township's transportation system and discuss strategies for traffic safety, active transportation, transit and more

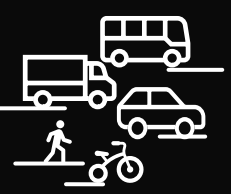


Gather feedback on the future conditions within the study area including transportation issues, needs and opportunities



Answer questions about the study and provide information on how to get involved in the study





Challenges



High Auto-Dependency: 92% of the modal split is represented by automobiles; therefore, there is a need to provide viable, age-friendly transportation options and alternatives



Road User Safety: Various problem areas within the Township were identified with speeding, poor intersection sightlines, lack of safe AT facilities for crossing, and poor roadway conditions



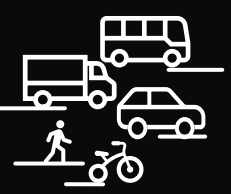
Lack of Maintenance and Capacity Concerns: Poor road conditions and lack of roadway maintenance is a major concern within the Township especially during winter months



Population Growth: Township has maintained a growing population over the last Census period. Growth patterns indicate that the Township continues to be an attractive and viable place to live



Aging Population: Township of Bonnechere Valley has an aging population as it is an attractive location for older adults, therefore, meaningfully responding to the needs of the community is a vital aspect of developing this TMP



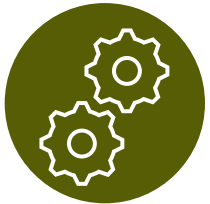
Opportunities



Road Safety Strategy: Strategic investments in road safety initiatives, including public education, technologies and infrastructure improvements, and law and enforcement can help make streets safer for all people, particularly vulnerable road users like pedestrians and cyclists



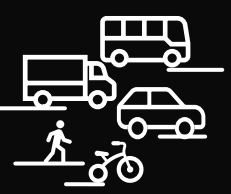
Alignment with Land Use Objectives: The Township's roads need to be able to prioritize different features. The road design practices need to be updated to guide discussions around the priorities of different areas and land uses



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Operation and Maintenance Cost: Decision-making practices need to be updated to consider the operation and maintenance costs associated with project decisions instead of just considering the upfront capital costs of the service or infrastructure



Identification of Alternative Solutions



Alternative 1: Do Nothing

Maintain the current transportation network and policy/programming. This alternative would not include further development of roads under the jurisdiction of the Township of Bonnechere Valley



Alternative 2: Status Quo

The Township will continue infrastructure development and expansion at its current pace with new or refined policies/programming. New infrastructure development would happen in response to local development as it occurs



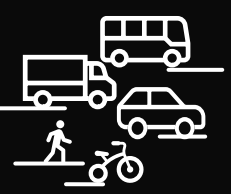
Alternative 3: Road Network Strategy

The Township would focus investment on strategic road network improvements, such as road urbanization, local traffic operation and safety improvements. Roads would prioritize active transportation facilities such as sidewalks and multi-use pathways. Corresponding strategic investment would be made towards providing safer pedestrian and cycling facilities



Alternative 4: Strategic Investments (**Preferred Alternative**)

The Township will focus on strategic road network capacity improvements, while also promoting and enhancing the active transportation network and explore the possibility of developing a public transit system. The Township will target investments to where they are needed and prepare itself to adapt to meet the changing conditions due to emerging trends and transportation technologies



Strategic Priorities



Mobility Options: Improve travel options by providing an increased number of reliable, equitable, and accessible options that meaningfully respond to the mobility needs of the community



Community Building: Develop the transportation network to support the growth of healthy and vibrant communities



Safe, Livable Communities: Enhance safety of the transportation system for all users. Ensure investments in the transportation network serve all modes and enhance equity and accessibility



Climate Mitigation: Mitigate negative impacts to the natural environment and air quality by reducing vehicle emissions

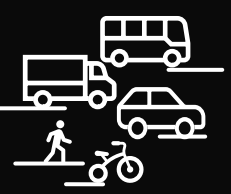


Economic and Financial Prosperity: Leverage transportation investment to catalyze economic growth and invest strategically in new capital projects that provide long-term benefit to the Township

Vision Statement

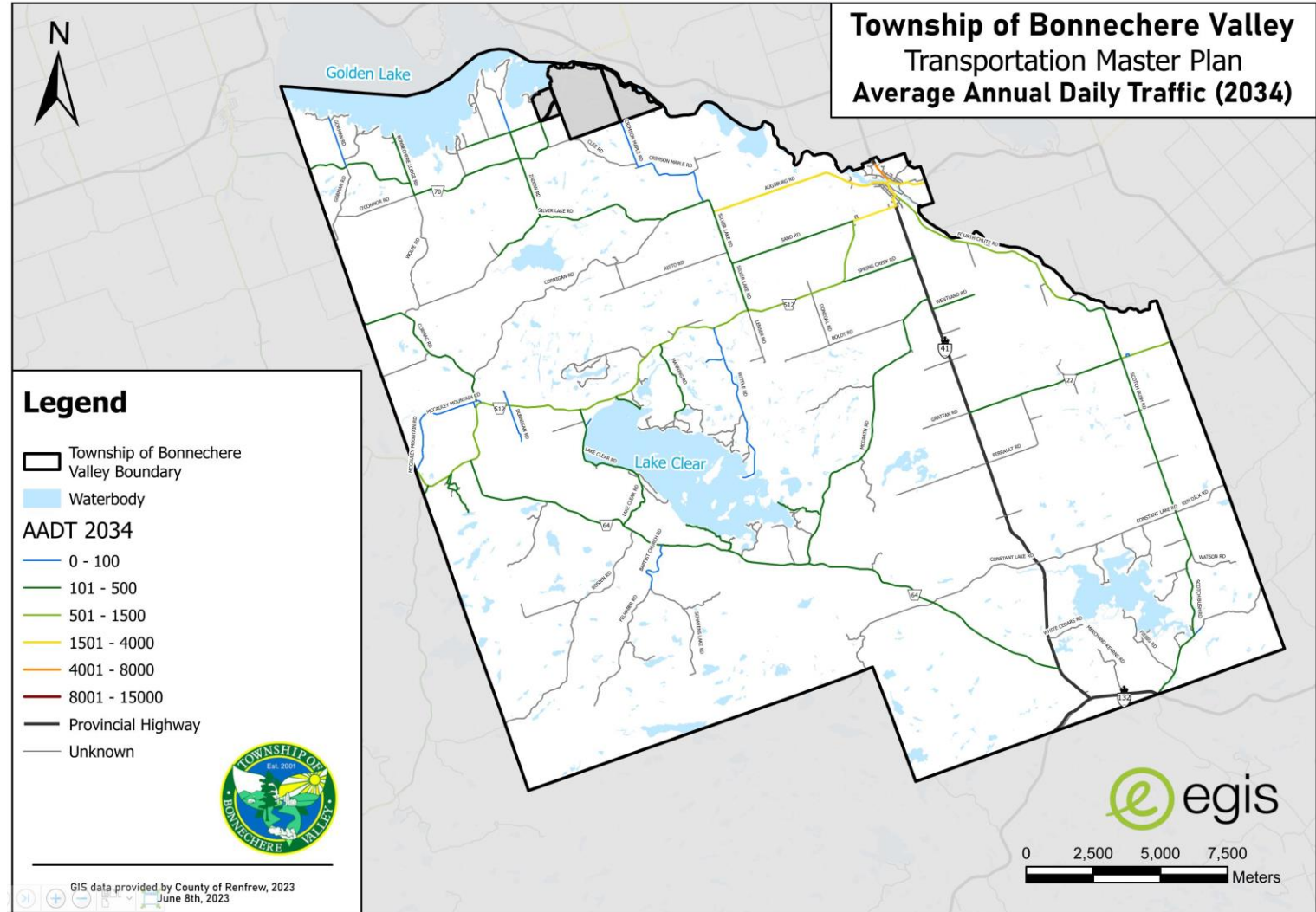
The Township of Bonnechere Valley will provide a safe, accessible, sustainable, and efficient transportation system that meets the connectivity needs of its growing and evolving population and businesses while supporting a vibrant and healthy community

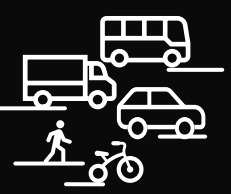




Future Forecasted Traffic Volumes (2034)

- Forecasted future (2034) traffic volumes by applying a growth rate of 1% per annum (compounded) up to 2034, to existing (2023) AADT volumes
- It is important to note that other factors beyond local population growth and development activity will influence future traffic volumes using the Township's road network

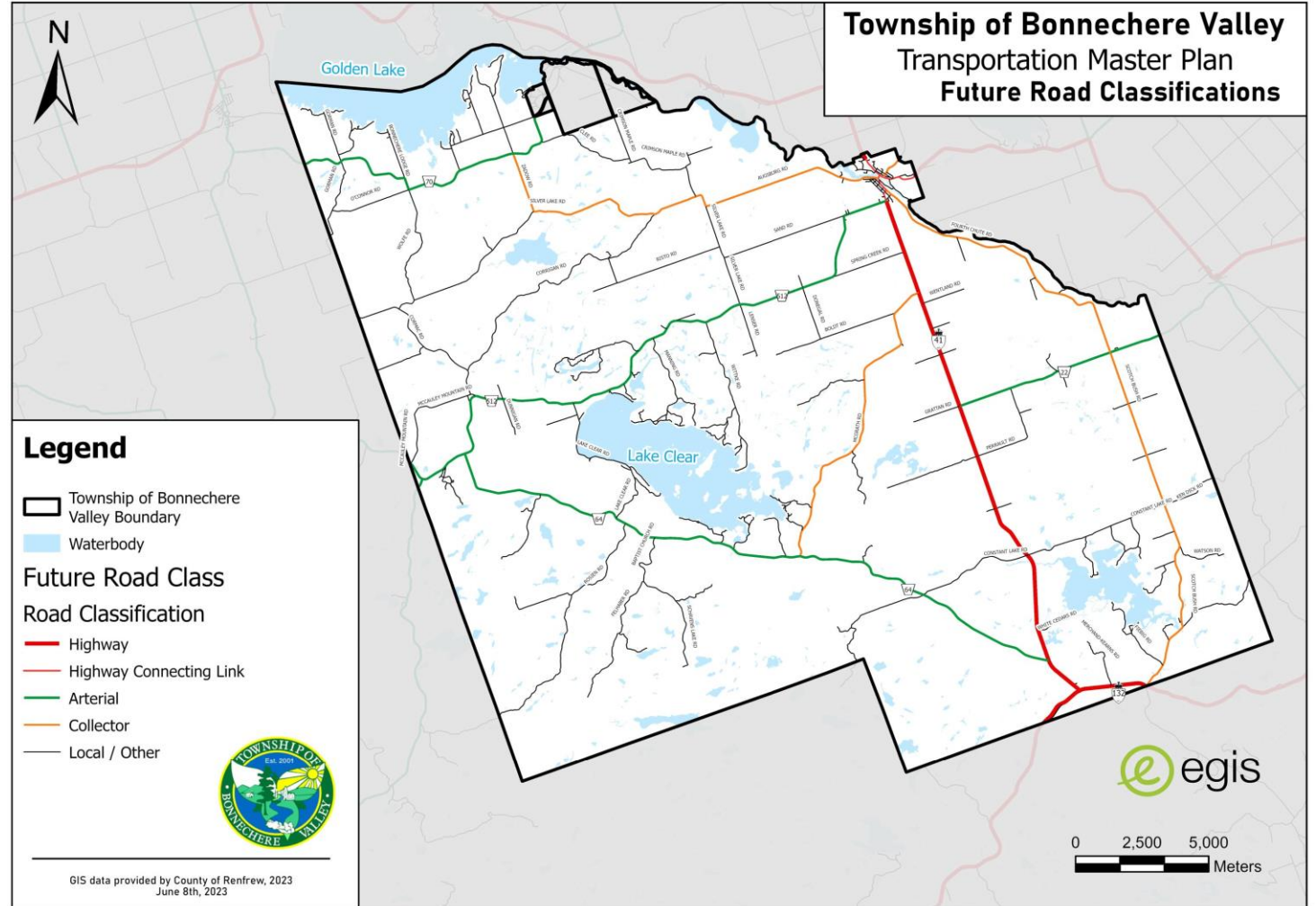


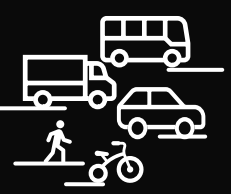


Future Road Classifications

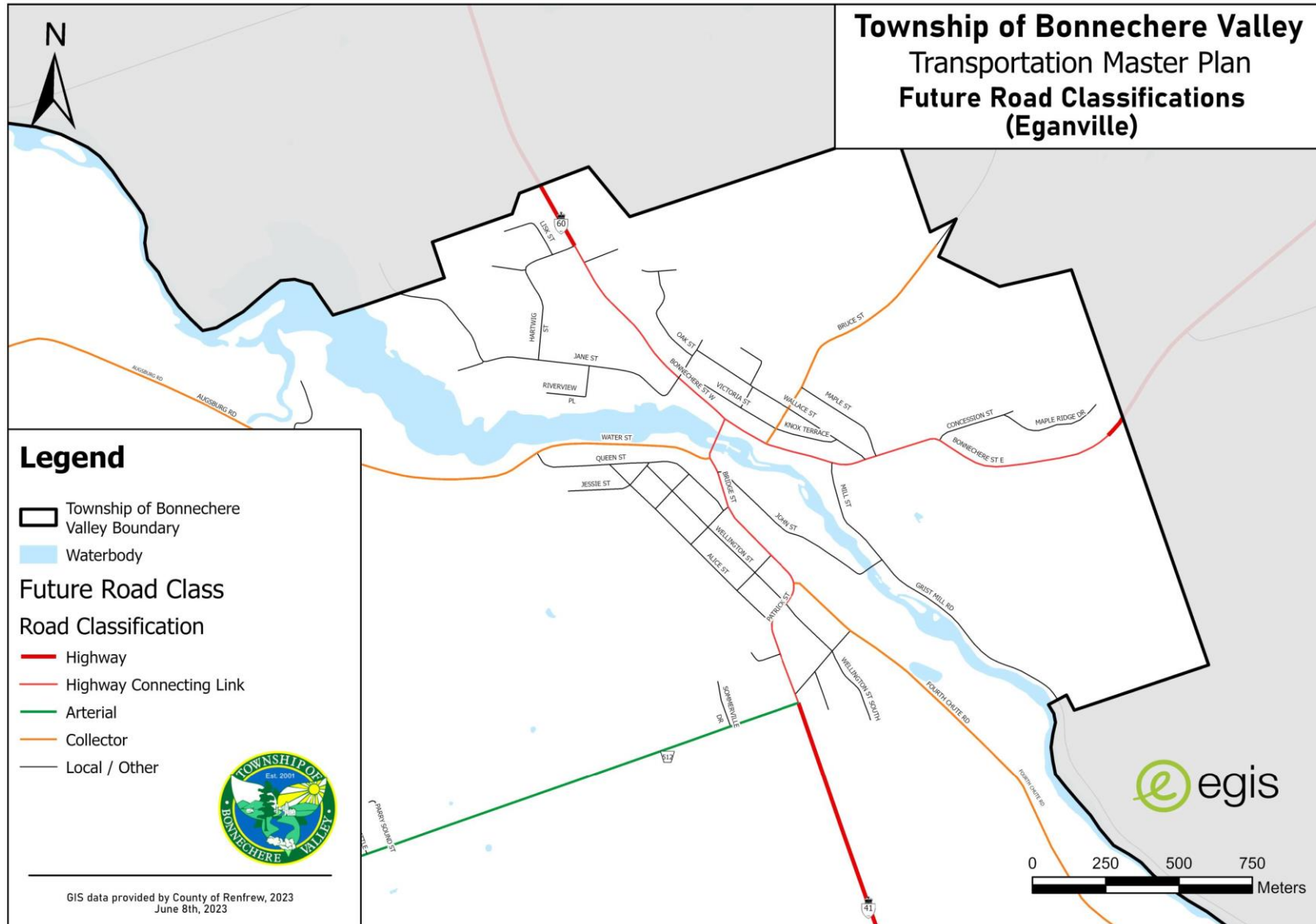
Roads within the Township are classified in a hierarchy according to the services they are intended to provide. These include:

- **Highways:** Serve high traffic volumes at high speed for inter-urban travel / regional travel
- **Arterial Roads:** Major roads designed to carry high volumes of traffic. Facilitate long-distance travel, supporting economic growth and connectivity. These generally include roads under County jurisdiction
- **Collector Roads:** Form the backbone of the Township's local transportation system, providing essential connections between arterial roads and local streets
- **Local Roads:** Primary function is to provide local access. Typically include low volumes and growth potential





Future Road Classifications





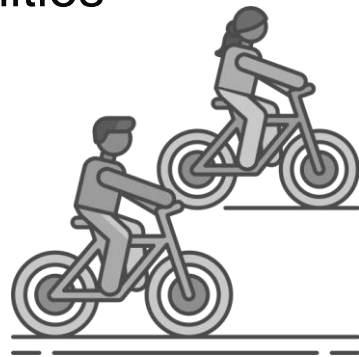
Active Transportation in Bonnechere Valley

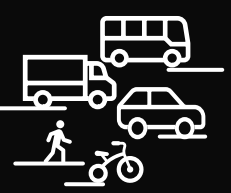
Challenges:

- Large distances between communities
- Winter maintenance

Opportunities:

- Compact communities





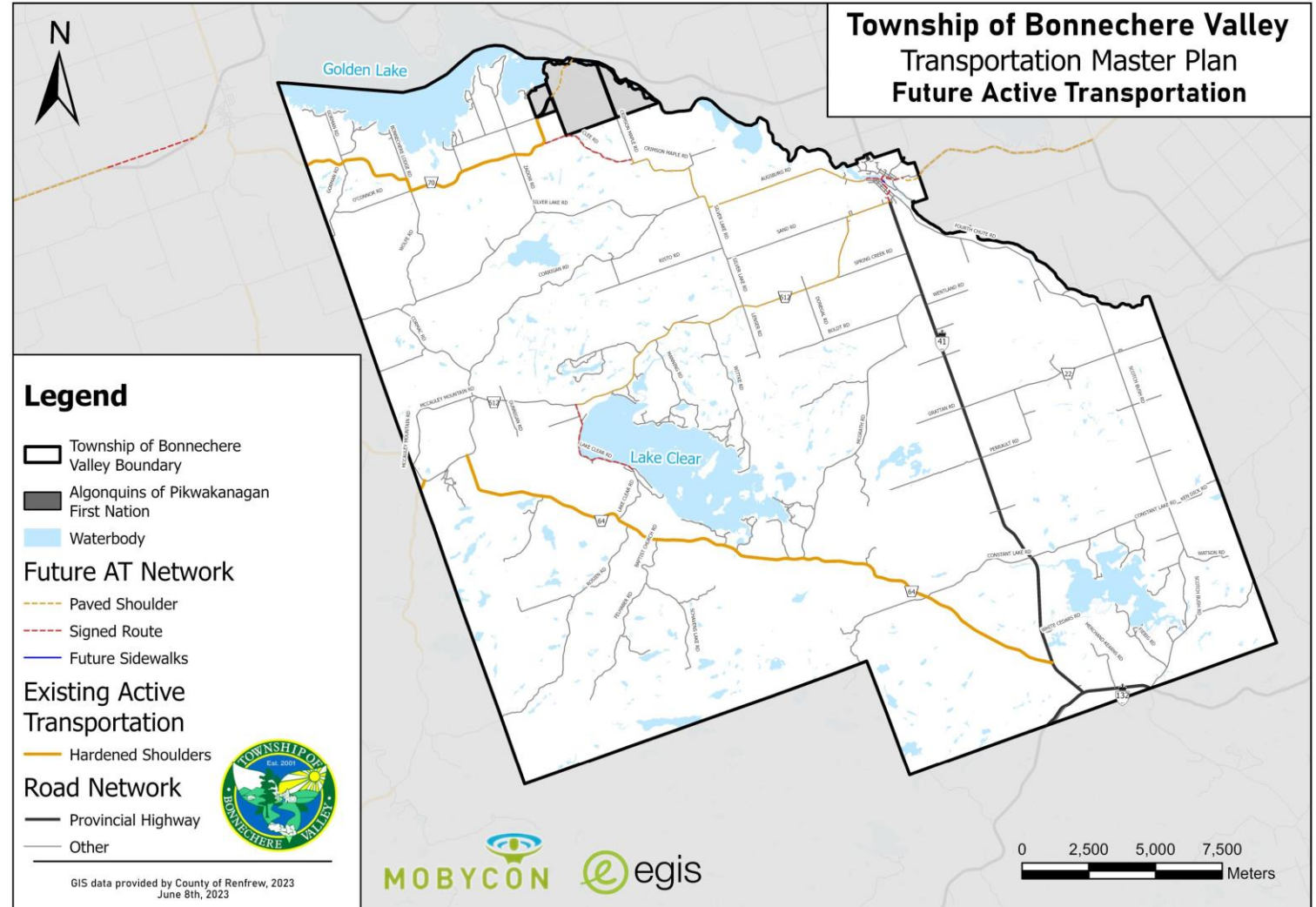
Proposed Active Transportation Network

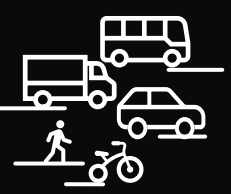
Township networks

- Suitable for all ages and abilities
- Upgrade existing trail surfaces and crossings
- Signed routes along quiet streets

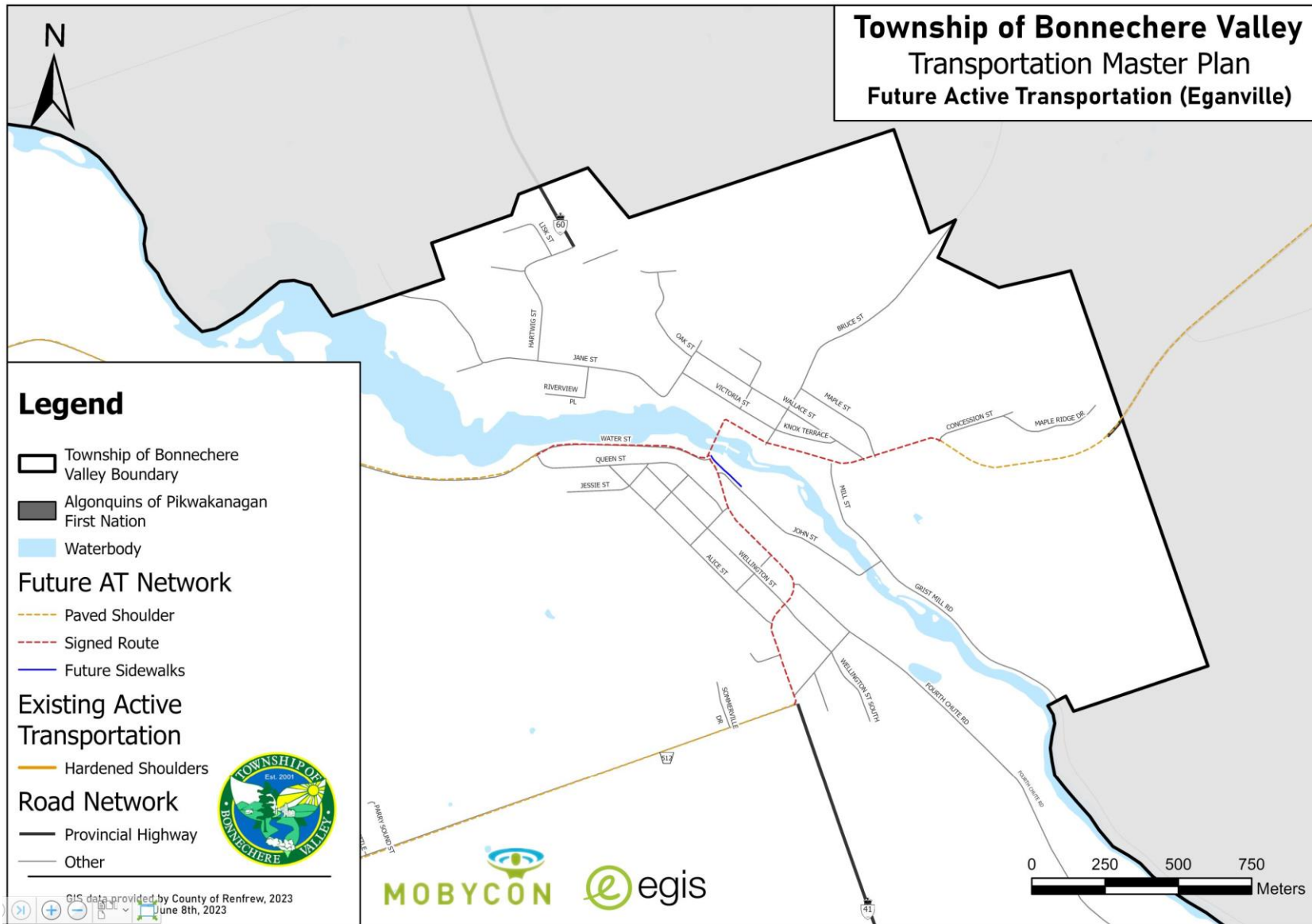
Inter-community network

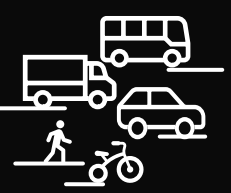
- Minimal investment, suitable only for experienced cyclists
- Signed routes
- Hardened shoulders





Future Active Transportation Network





TMP Supportive Policies/Guidelines



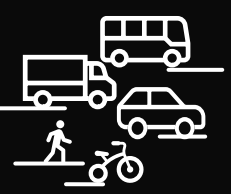
All-Way Stop Control Policy

- Adopt an all-way stop policy to ensure fair access to the right-of-way for similar volumes of traffic travelling in opposite directions
- All-way stop signs should be considered at intersections where traffic volumes, accident history, and pedestrian activity warrant their installation
- Benefits of this policy include reduced collision rates, enhanced visibility for all road users, and improved safety for pedestrian crossings
- Ensure all-way stop control is not relied upon to manage or reduce vehicle speeds and is not used as a traffic calming measure



Pedestrian Cross-over (PXO) Policy

- Currently, several Township crossings do not meet provincial standards and give pedestrians a false right-of-way impression
- Pedestrian crossovers (PXOs) play a crucial role in ensuring pedestrian safety by providing designated crosswalks in areas where there are no traffic signals
- The Township should adopt a pedestrian crossover policy to create safer and more pedestrian-friendly environments
- The Township should ensure that all current and new PXOs meet the standards set in the Township specific PXO policy, as well as other industry best practices



TMP Supportive Policies/Guidelines



Traffic Calming

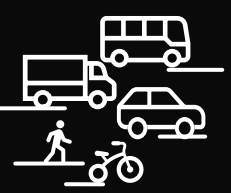
- Traffic calming refers to design strategies aimed at reducing vehicle speeds and enhancing safety for pedestrians and cyclists, contributing to vibrant and safe communities
- Key strategies include implementing physical measures such as speed bumps or tables, chicanes and curb extensions, raised crosswalks, and roundabouts. Benefits of such measures encompass improved safety for pedestrians and cyclists, and reduction in vehicle speeds and noise
- It is recommended that the Township apply a systematic and data driven approach to responding to requests for traffic calming and follow industry guidelines for installation of best practices



Eganville Parking Management

- The Village of Eganville has municipal parking areas, street parking, and private parking for businesses and restaurants.
- It is recommended to collect data for parking utilization for municipal on-street and off-street parking during weekday peak hours and on the weekend to accurately assess demand.
- Several measures, such as wayfinding, signage, streetscaping, and landscaping are recommended to accommodate greater parking demand over time and to manage the existing supply efficiently.





Next Steps

Following this round of consultation, we will:

1. Review your feedback to understand if any changes to the draft recommendations are needed
2. Finalize the future road network and transit network recommendations
3. Confirm phased implementation plan for various transportation system components
4. Finalize supporting strategies and policies
5. Prepare Transportation Master Plan final report

Please see link below to the project website for the Transportation Master Plan study:

- Project Website: [County of Renfrew: Transportation Master Plan - County of Renfrew \(civilspace.io\)](https://civilspace.io)

Contact Us

For further information, please contact the study team:

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Egis Group

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Francois.Tomeo@egis-group.com

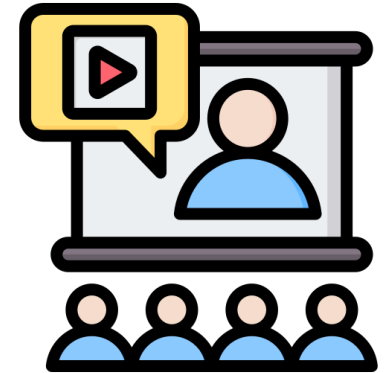
Jason Zohr

Manager of Public Works

Township of Bonnechere Valley

Phone: 613-628-3101, Ext. 2855

jasonz@eganville.com



**Thank you for attending
the PIC!**

