

Welcome

Transportation Master Plan County of Essex

Public Information Centre (PIC) Meeting #1 June 27, 2024

Provide Your Input

Please review the information on the boards
Please ask questions and share your thoughts

Stay Informed

Visit the Essex County website at [countyofessex.ca](https://www.countyofessex.ca) for information on projects
and public engagement opportunities

For updates and notifications, follow [@ecounty](https://twitter.com/ecounty) on social media channels



Today's Purpose

Tell us what you are passionate about in the context of the County's transportation system today and for the next 30 years

Please review the following material and let us know what you like... (or do not like)

- Overview of the TMP Master Plan process
- Vision Statement for the Transportation Master Plan
- Study Content and Background:
 - Existing road and active transportation networks, modes of travel, transit, growth
- Needs and Opportunities
- Questions, Comments or Concerns?

Transportation Master Plan (TMP)

Update

What is a TMP?

- A long-term plan to evaluate and define a transportation system to accommodate future needs
- An opportunity to develop policies, long term (10 – 30 year) capital and work programs, guidelines

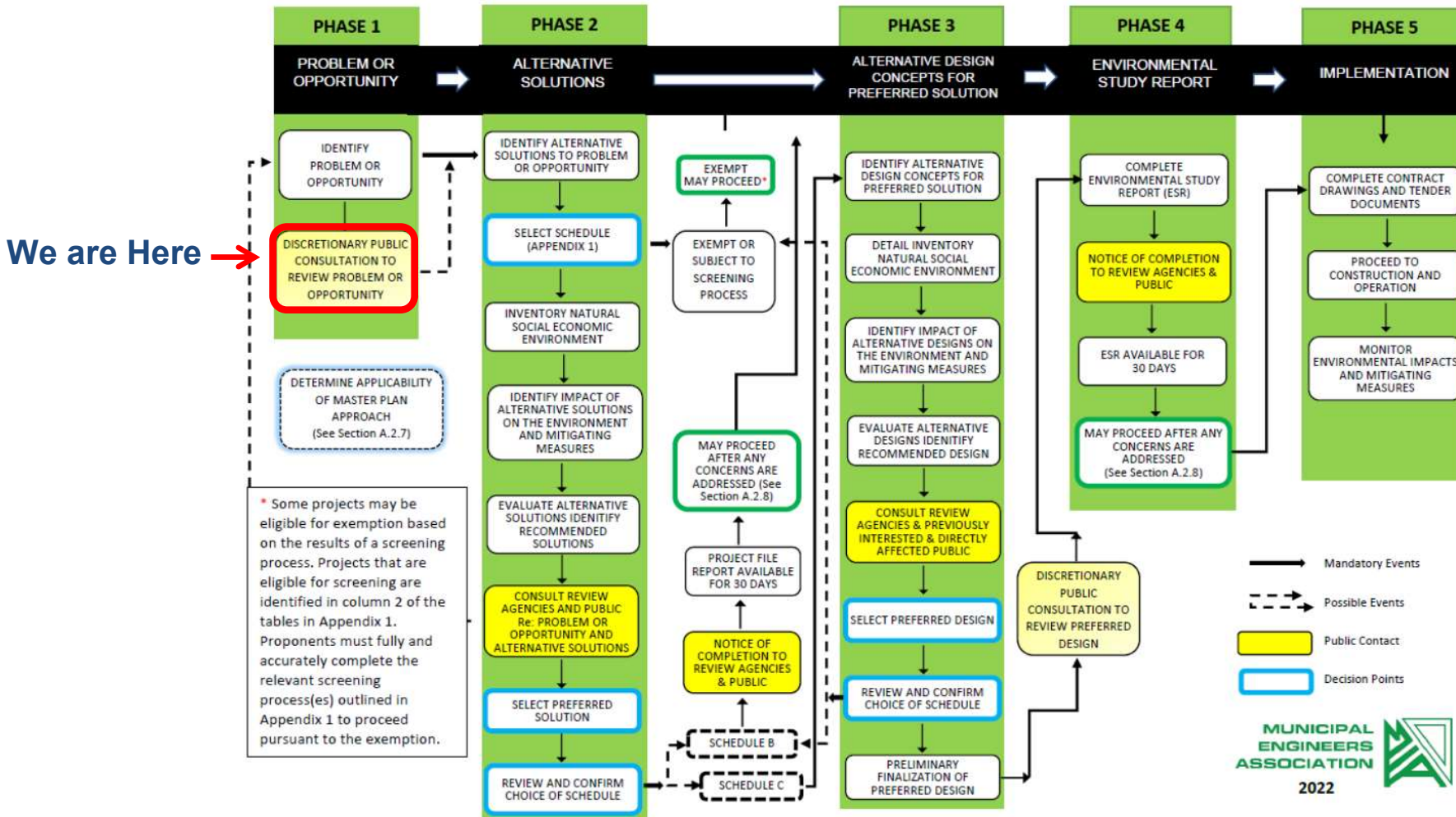


Why do we need a TMP?

- Develop a plan to identify needs and the County's mobility vision for next 30 years
- Develop prioritization strategy of road, active transportation and transit improvements
- Investigate best practices and emerging transportation trends/technologies
- Incorporate recent studies and guiding documents

Municipal Class EA Process

The Transportation Master Plan will be carried out in accordance with the Municipal Class Environmental Assessment (MCEA) process



Master Plans must address at least the first two phases of the MCEA process

What is the Process?



Guiding Documents

Provincial

- Provincial Policy Statement (PPS) (2020)
- Detroit River International Crossing (DRIC) Environmental Assessment Report (2008)
- Southwest Transportation Plan (2020)
- Province-Wide Cycling Network Study (2018)
- Provincial Environmental Policies (various dates)



County

- Essex County Official Plan (2014, pending update 2024), Policies, Bylaws
- Essex-Windsor Regional Transportation Master Plan (2005)
- County Wide Active Transportation Study Master Plan (2012, pending update 2024)
- Transit Assessment Report (2011)
- Essex County Asset Management Plan (2022)
- Regional Energy Plan (2018 initiation)
- Essex County Strategic Plan (2023)

Local

- Transportation Studies, Official Plans, and strategic documents of lower tier municipalities in the County (various dates)

Vision Statement

The County of Essex has initiated a Transportation Master Plan (TMP) study to identify long-term transportation visions and strategies aimed at achieving the County's objectives for safe and efficient movement of people and goods, develop new goals and policies that will serve as a road map for the County to responsibly manage the road network, and address current needs and anticipated growth in the County until 2053.

What is **your** vision of Essex County's future transportation system?

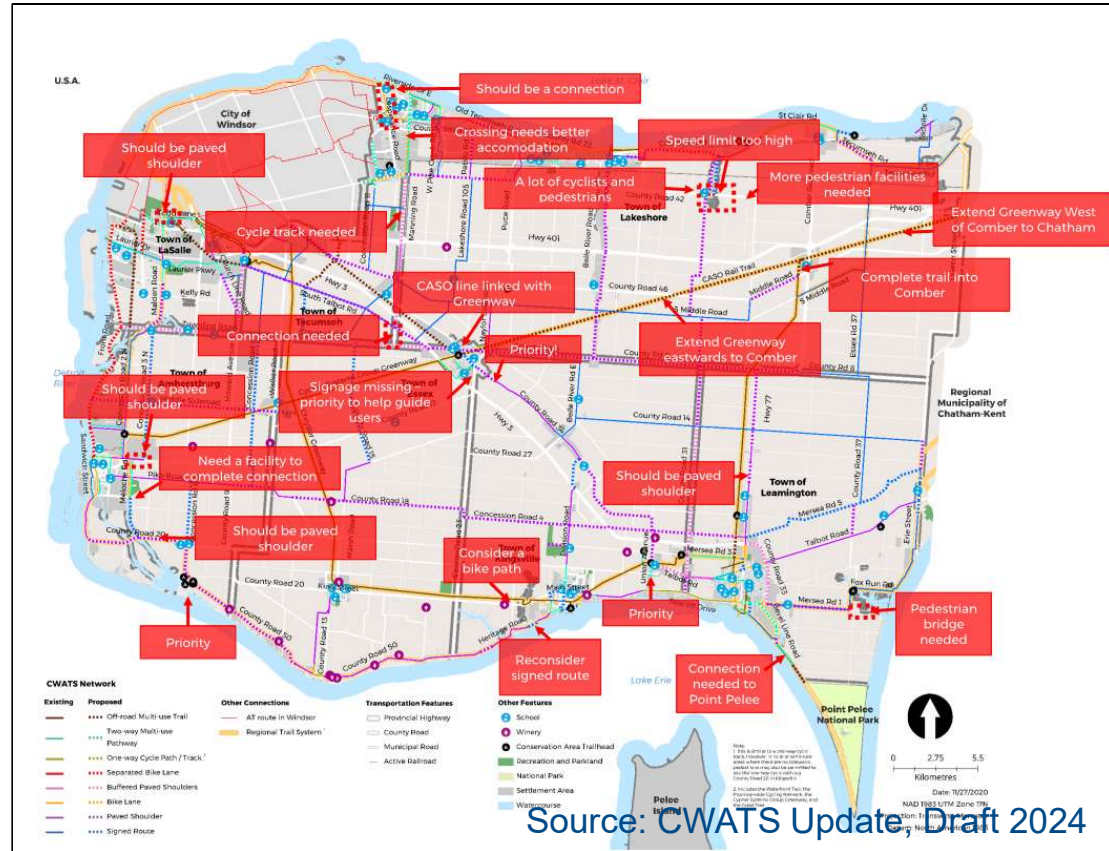


County Wide Active Transportation Study (CWATS) Master Plan

A guide for the County and local municipalities in implementing a county-wide network of cycling and pedestrian facilities.

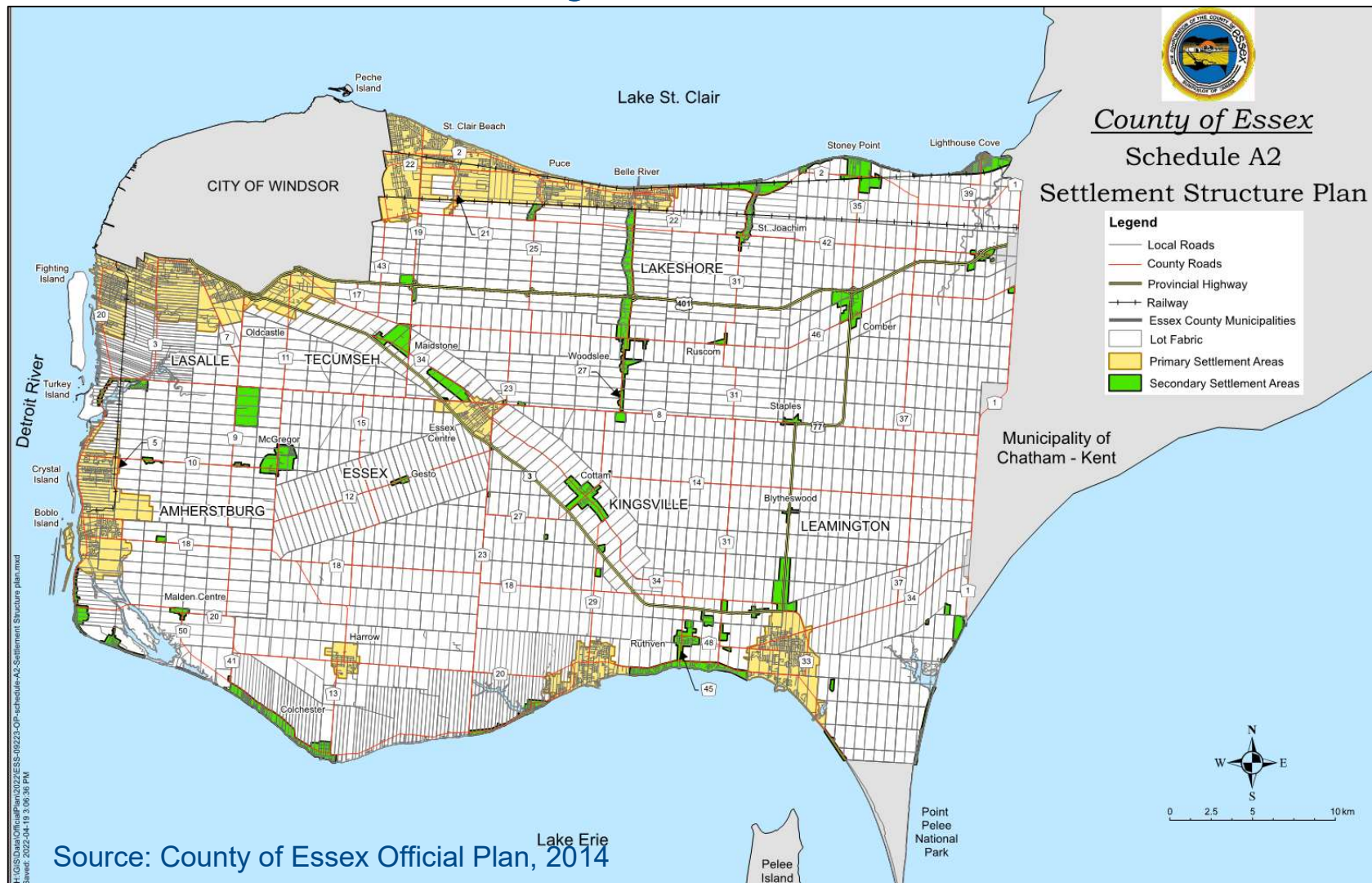
Objectives:

- Improve conditions for walking, cycling and active transportation for people of all ages
- Improve consistency with coordination throughout the county
- Identify roles and responsibilities for the County, local municipalities as well as other partners



“foster a safe, comfortable, bicycle and pedestrian friendly environment by encouraging people of all ages and abilities to engage in non-motorized activities for everyday transportation and recreation”

County Structure



Leading Growth Areas*

- Lakeshore - 10.4%
- LaSalle - 8.4%
- Leamington - 7.6%
- Amherstburg - 7.2%

* Canada Census population increase (%) 2016 to 2021

Road Network

Existing Network

- Provincial Highways: Goods movement, inter-regional travel (Hwy 401 / Highway 77 / Highway 3 / Hon. Herb Grey Pkwy)
- County Roads: Inter-municipal travel
- Local Roads: Neighbourhood circulation, property access

The County maintains 1,356.22 lane kilometers of various classes of roads and 126.8 lane kilometers of connecting links

Future Outlook

Solutions recommended as part of previous Provincial, County, and municipal policies, plans and studies

➤ Completed and ongoing **MCEAs**

- Lauzon/County Road 42 Environmental Assessment
- County Road 20 Kingsville to Leamington Environmental Study Report
- County Roads 19, 22, 43, 46 Environmental Assessments
- County of Essex Transit Assessment Report
- Malden Road (CR 3) LaSalle Environmental Assessment



Source: County of Essex Maps, Road Network (2021)

Network Performance

A.M. Peak Period



P.M. Peak Period

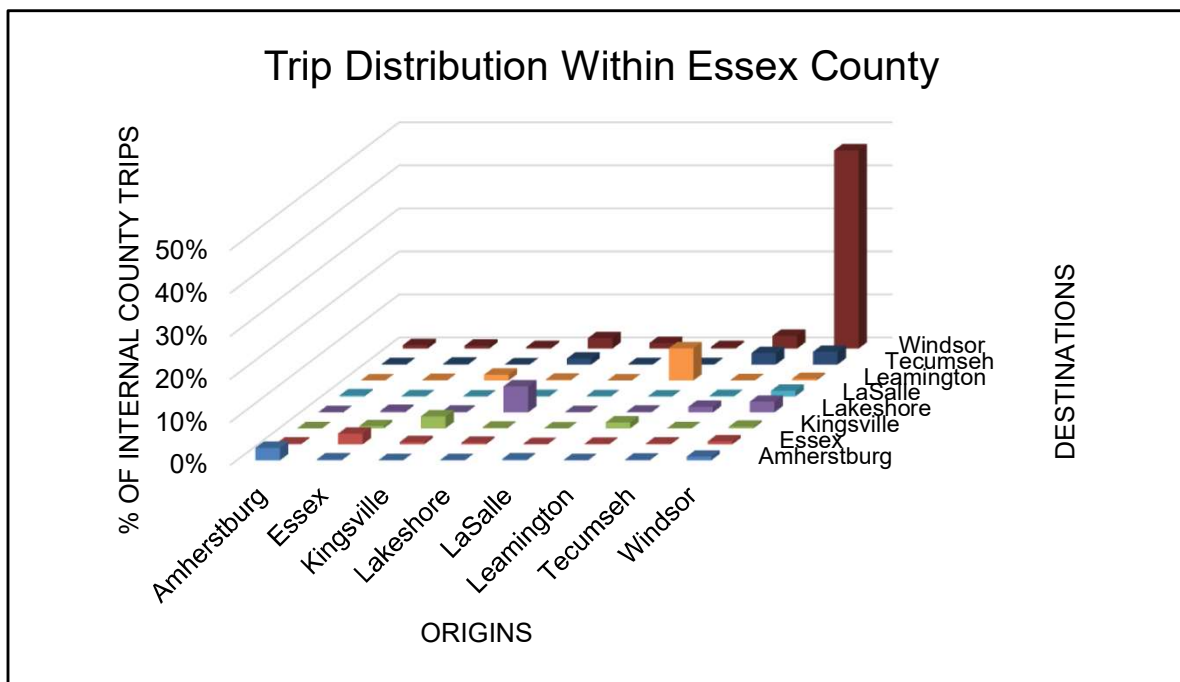


Road Network Levels of Service (LOS)

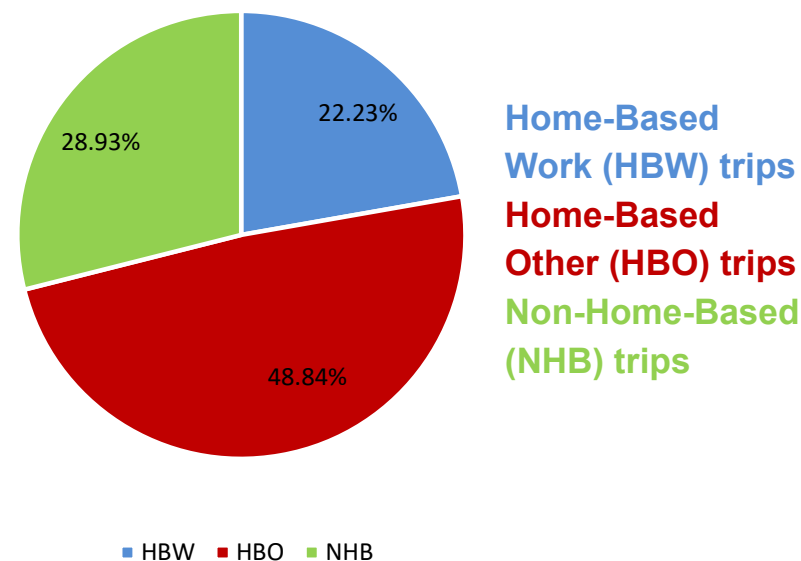
- Based on available information, most intersections are operating at good levels of service in the morning and afternoon peak periods
- County Road 46 and County Road 43 intersection operates at “LOS C” during PM Peak Period (Moderate delays)

Travel Characteristics

Trip Patterns (Origin-Destination)



Trip Reasons



Source: Essex County StreetLight Data 2022

- Most trips are made within the same municipality
- Tecumseh and Lakeshore experience larger amounts of travel to and from Windsor compared to other municipalities
- Home-Based Work trips represent the lowest number of trips being made by residents
- 78% of trips likely reflect demand that is driven, in part, by recreational or leisure activities

Transit Services

Windsor Transit

- Operates four routes that connect to the County

Leamington On-Demand Transit (LTGO)

- Flexible route and schedule Monday-Friday
- Buses are dispatched by requests meet riders at their requested transit stops

Tecumseh Transit

- Fixed route service Monday-Friday
- On demand Saturdays

Flixbus

- Travels through the County to/from Windsor and Chatham, no stops within the County

Windsor Transit Routes to Essex County

- Route 605 - Windsor to Amherstburg
- Route 42 - Windsor to Leamington
- Route 25 - St. Claire to LaSalle
- Route 7 - St. Claire College to LaSalle

Existing Transit Routes connecting the County



Active Transportation

Improvements & Recommendations

- 582.6 km addition of on-road AT bike lanes, paved shoulders and signed routes
- 171.2 km addition of Multi-Use Trail
- 25.9 km addition of signage and lane marking improvements
- Extension of Chrysler Greenway
- Better connections along County Road 3 and to County Road 7
- Enhanced connections along County Road 20
- Extension of CASO rail trail
- Off-road trail connection between Essex and Oldcastle
- Connecting Kingsville Arena along Kratz to the Greenway

Existing Routes



Over the next 15 years, the County of Essex plans to create an active transportation network spanning approximately 800 km

Essex Strategic Plan (2023)

Vision

The County of Essex strives to be a regional champion and trusted partner in delivering services for the success of our local communities and residents

Mission

Through meaningful partnerships, strong advocacy, and informed decision-making we deliver fair and valuable regional programs and services for our communities

Values

Accountability	Inclusion	Teamwork
Equity	Champion	Service Excellence

Strategic Goals and Directions



Regional Energy Plan

- On average, homes and buildings in Essex County are approximately half as efficient as global benchmarks
- Energy use per home is higher than the national and provincial average
- Emissions per capita were higher than national and provincial averages
- Per capita emissions are 5 times global best practice (3 times global best practice if the contribution of the greenhouse sector is removed) and about 8 times the Government of Canada target for 2050 based on the Paris Climate Agreement

The next step is to consider different combinations of the following integrated energy-related measures for all sectors and energy uses, distribution, conversion, and fuels



Other Concepts to Consider



Micro & Shared Mobility

Micro-mobility: Small-form transportation offerings used for short distance trips

Shared mobility: Services in which transportation options can be rented on demand from a shared pool, rather than personally owned by individuals

Options include:

- Car Share
- Bike Share
- E-Scooters
- Ride Hailing
- On-Demand Transit
- Van-Pooling
- Electric Cargo Bikes
- Mobility Hubs



Emerging Technologies

Intelligent Transportation Systems:

Cameras, sensors, detectors to assess demand and supply

Electrification: Commitments to clean fuel vehicles creates need for electric charging infrastructure

Autonomous/Connected

Vehicles: Future-ready needs in response to the advancement of autonomous and connected vehicles

Mobility as a Service:

Via an app or website, MaaS allows users to plan trips, select payment options, in one convenient interface



Goods Movement

Freight Impacts on

Neighbourhoods: Strains on quality of life. Increased congestion, noise pollution, emissions, safety concerns

E-Commerce Uncertainty: E-commerce rise exacerbated by the COVID-19 pandemic

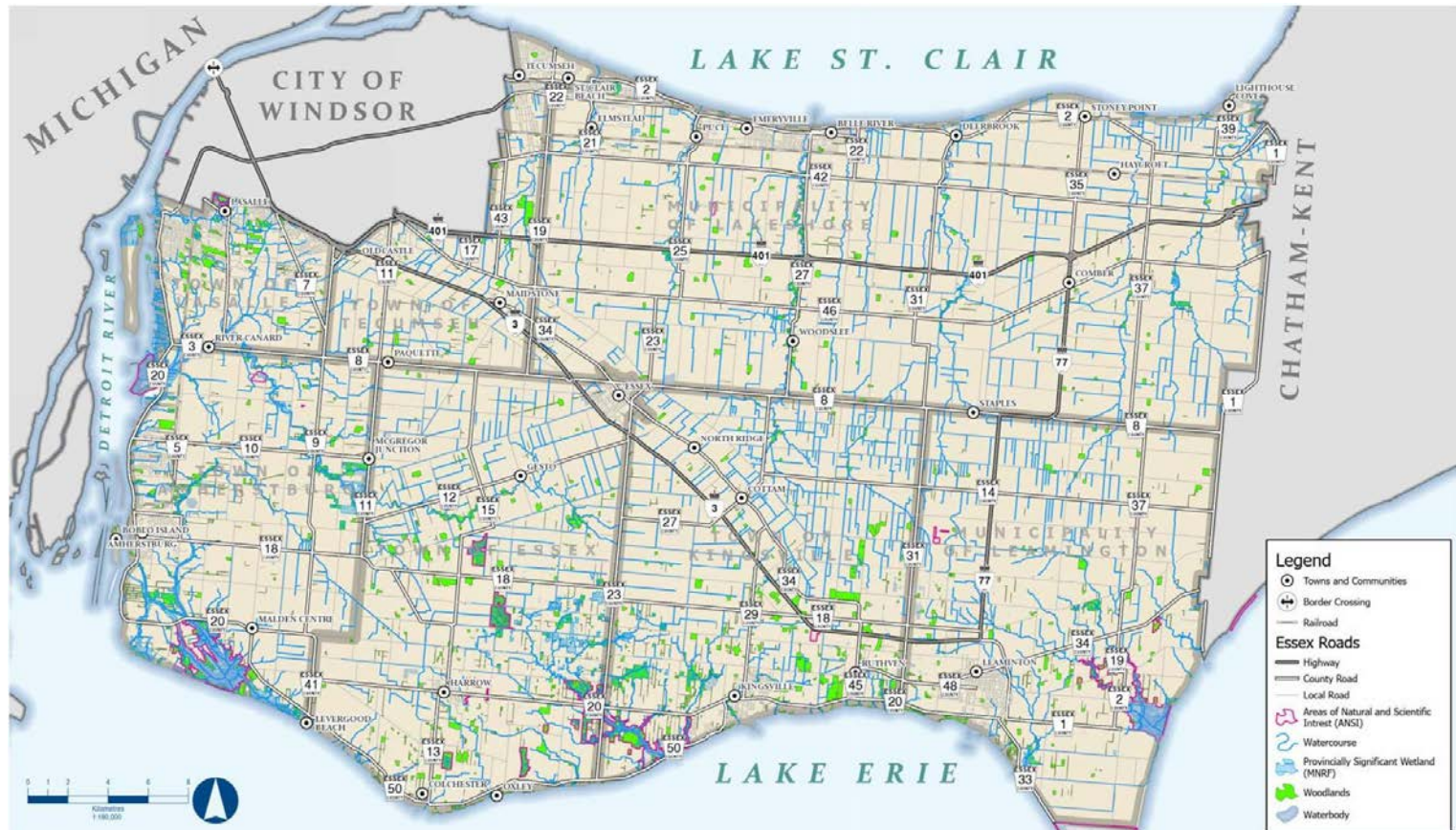
Complete Streets: How to incorporate goods movement in Complete Streets framework

Sharing the Benefits of Goods Movement: Communicate the benefits that trucking / goods movement provide

Environmental Objectives

Transportation solutions should consider the County's natural heritage features as one of the most biologically diverse regions in Canada.

The Transportation Master Plan will consider the County's natural heritage features and natural linkages as an integral part of a healthy and vibrant community.



Cultural Heritage Objectives

- Culture, creativity, and quality of place are key to community development and growth
- Transportation solutions should support the County's creative placemaking principles and ensure efficient access to the unique destinations in the County
- The Transportation Master Plan will value the County's cultural heritage features

Municipality	Designated Heritage Properties	Listed Heritage Properties
Town of Essex	12	22
Town of Amherstburg	51	129
Town of Kingsville	39	309
Municipality of Lakeshore	5	75
Town of Leamington	4	276
Town of Tecumseh	1	5

Growth to 2051

The Transportation Master Plan will assess the County's mobility needs to accommodate growth to 2051

Year	Amherstburg	Essex	Kingsville	LaSalle	Lakeshore	Leamington	Tecumseh	Essex County
2021	24,300	21,900	22,800	33,800	41,700	30,600	24,000	199,100
2051 Population Forecast	Amherstburg	Essex	Kingsville	LaSalle	Lakeshore	Leamington	Tecumseh	Essex County
Low	32,800	26,200	30,100	45,800	55,000	42,900	35,300	268,100
Medium	36,100	28,300	33,100	50,500	60,300	47,500	39,300	295,000
High	38,500	29,900	35,200	53,900	64,200	50,900	42,300	315,000
2021- 2051 Population Growth	Amherstburg	Essex	Kingsville	LaSalle	Lakeshore	Leamington	Tecumseh	Essex County
Low	8,500	4,300	7,300	12,000	13,300	12,300	11,300	69,000
Medium	11,800	6,400	10,300	16,700	18,600	16,900	15,300	95,900
High	14,200	8,000	12,400	20,100	22,500	20,300	18,300	115,900

Source: Official Plan May 2024 (Draft)

Needs and Opportunities

During this phase of the TMP study process, the main objective is to analyze the existing transportation system and identify issues which the TMP will need to address:

- *“Needs” encompass the problems or issues that the TMP aims to solve*
- *“Opportunities” presents a chance to help achieve the vision and objectives of the TMP*

The following board *“Transportation Concerns”* provides for your input to help the County identify transportation needs, opportunities, issues and priorities



Tell us your Transportation Passion!

Place a sticky note, or write directly on the board



Source: County of Essex Maps, Road Network (2021)

Next Steps

1. Review feedback from PIC
2. Assess 2041, 2051 Conditions
3. Evaluate and Identify Preferred Solutions
4. Conduct PIC #2 (Winter 2024)
5. Develop 2051 Transportation Strategy and Phasing
6. Draft Transportation Master Plan for public review and comment
7. Conduct Final Consultation Sessions
8. Council Approval
9. Study Completion (Targeted for Spring 2025)

Questions / Comments ?



Please fill out a comment form, or scan the QR code, or visit the TMP page at **[countyofessex.ca](https://www.countyofessex.ca)**

PIC materials will be available online at **[countyofessex.ca](https://www.countyofessex.ca)** for review and comment until July 27, 2024.

A summary of comments along with responses to comments received by July 27, 2024 will be provided in a Public Information Centre Summary report posted on the County's website.

If you have any additional questions / comments, please contact



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