



## **AGENDA**

**COMMITTEE A.M. - 8:30 a.m.**  
**(Infrastructure & Development Services/  
Public Health Services/Cultural Services)**

**April 20, 2023**  
**Lambton Heritage Museum, Grand Bend**

Page

1. **Call to Order - Committee A.M.**

**Committee Members:** J. Agar, D. Boushy, M. Bradley, A. Broad, T. Case, D. Sageman, I. Veen, B. White, and Warden K. Marriott.

2. **Disclosures of Pecuniary Interest**

If any.

3. **INFRASTRUCTURE & DEVELOPMENT SERVICES DIVISION**

A) **Correspondence to Receive and File**

- a) **I&DS 05-01-23** A letter dated March 27, 2023 from the Association of Ontario Road Supervisors (AORS) to Heads of Councils and Councillors, to raise awareness and solicit support for objecting a new fee proposed by Enbridge Gas. This new fee is a charge to third party contractors and other utilities for locate services. The correspondence also includes consideration of a motion to oppose the proposed fees as follows (please see correspondence for full motion):

**THEREFORE it be resolved that the <insert your municipality name> strongly opposes these utility locate costs being downloaded to Ontario municipalities by Enbridge Gas or other utilities;**

**AND THAT, the Province of Ontario's Ministry of Public and Business Service Delivery make it clear that these costs must be borne by the utilities themselves;**

**AND THAT, this decision be forwarded to Minister of Public and Business Service Delivery Kaleed Rasheed, Minister of Infrastructure Kinga Surma, Minister of Energy Todd Smith, Premier Doug Ford, <insert your municipality name>'s MPP, the Association of Ontario Road**

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**Supervisors and the Association of Municipalities of Ontario.**

- 7 - 11                      b)    I&DS 05-02-23 A letter dated February 21, 2023 regarding Notice of Project Change and Public Information Sessions for an Environmental Study for Enbridge's Proposed Watford Pipeline Project. The letter outlines details of the Enbridge Pipeline Project and several pipeline routing alternatives.
- 12                            c)    I&DS 05-03-23 A Notice of Commencement of Environmental Assessment from Waste Management Canada regarding the Twin Creeks Landfill Optimization Project to be held April 19, 2023 at 5768 Nauvoo Road, Watford from 4 - 8 pm.
- 13                            d)    I&DS 05-04-24 Notice of Public Information Session from Waste Management Canada regarding a Proposed Renewable Natural Gas Facility at the Twin Creeks Landfill Site, 5768 Nauvoo Road, Watford from 4 - 7 pm on March 30, 2023.

**B)    Information Reports**

- 14 - 28                      a)    Information Report dated April 20, 2023 Regarding 2023-2027 Roads Construction Program
- 29 - 30                      b)    Information Report dated April 20, 2023 Regarding Emergency Management Coordinator Activities Report
- 31 - 33                      c)    Information Report dated April 20, 2023 Regarding Woodlands Annual Report 2022
- 34 - 36                      d)    Information Report dated April 20, 2023 Regarding Upcoming 2023 Public Works Conferences

**C)    Reports Requiring a Motion**

- 37 - 43                      a)    Report dated April 20, 2023 Regarding Low-Speed Vehicles Pilot Program

**D)    Other Business**

**4.    PUBLIC HEALTH SERVICES DIVISION**

**A)    Emergency Medical Services Department**

**I.    Information Reports**

- 44 - 49                      a)    Information Report dated April 20, 2023 Regarding 2022 Ambulance Response Times.
- 50 - 52                      b)    Information Report dated April 20, 2023 Regarding 2022 Ambulance Service Review.

**B)    Other Business**

**5. CULTURAL SERVICES DIVISION**

**A) Information Reports**

53 - 59

- a) Information Report dated April 20, 2023 Regarding Lambton Heritage Museum - Status Update on Exhibition Gallery Renovations.

**B) Reports Requiring a Motion**

60 - 63

- a) Report dated April 20, 2023 Regarding Museums, Gallery & Archives Collections Management, January and February 2023.

**C) Other Business**

**6. IN-CAMERA**

**No In-Camera Items.**

**7. ADJOURNMENT**



**AORS**  
PROMOTING KNOWLEDGE. PURSUING EXCELLENCE

05-01-23

March 27, 2023

Dear Heads of Councils and Councillors,

We, the Association of Ontario Road Supervisors (AORS), are writing you on behalf of all our municipal members to raise awareness and solicit your support by objecting to a new fee proposed by Enbridge Gas. Enbridge has announced their intention to implement a new charge to third-party contractors and other utilities for utility locates. Third-party contractors will include Ontario municipalities and contractors working on their behalf. Enbridge Gas will apply a charge of \$200 CAD (plus applicable taxes) per locate request where a field locate is required. The need for municipalities and their contractors to request these locates when doing road construction and maintenance is due to utilities being present in municipal right of ways, which municipalities across the province have allowed at no cost to the utility.

Enbridge has stated that the *Getting Ontario Connected Act* passed into law in April 2022 has resulted in changes to the *Ontario Underground Infrastructure Notification System Act* and has caused Enbridge to make significant investments in associated operational investments. The concern being raised by our members, your public works staff, is that Enbridge will be just the beginning of these additional fees, with other utility companies implementing similar charges. These new charges will have significant impacts on municipal budgets.

As examples of what impacts this announcement might have on municipalities, based on 2022 municipal locate requests alone, it is estimated that this new fee would directly cost the Municipality of Central Huron approximately \$35,000 annually, the City of Belleville approximately \$90,000 annually and the Town of Espanola approximately \$7,300 annually. It is important to note that these are direct costs alone. Any subcontractors working on behalf the municipality requesting locates will be charged this same cost, and these costs will have to be borne by someone – meaning the subcontractors will put this cost back to the municipality. Then there will be the added administrative costs at both ends of the transaction. It is difficult to determine this quickly the true fulsome costs to your budget. This will also add an extra item into tendering projects, as it will create concerns on both sides on who is responsible for these costs.

By Enbridge Gas passing on these locate costs to municipalities, these costs are borne by all ratepayers across the municipality, and not only those who use this utility.

We would like to request your Council consider passing the following resolution:

*WHEREAS, Enbridge recently made an announcement of their intention to begin charging third-party contractors and other utilities \$200 CAD (plus applicable taxes) for utility locates where a field locate is required;*

268 Maiden Lane, Suite 206, PO Box 2669, St. Marys, ON N4X 1A4  
Tel: 226.661.2002 • Fax: 226.661.2003 • admin@aors.on.ca • www.aors.on.ca



*AND WHEREAS, third-party contractors include Ontario municipalities;*

*AND WHEREAS, these locate requests are only required as Ontario municipalities have allowed utilities to use municipal right of ways at no charge to the utilities;*

*AND WHEREAS, this announcement of new downloaded costs will negatively impact the budgets of Ontario municipalities which are already burdened;*

*AND WHEREAS, if Enbridge is successful in implementing this new charge, a precedence is set for other utility companies to also begin charging for locates;*

*THEREFORE IT BE RESOLVED, that the <insert your municipality name> strongly opposes these utility locate costs being downloaded to Ontario municipalities by Enbridge Gas or other utilities;*

*AND THAT, the Province of Ontario's Ministry of Public and Business Service Delivery make it clear that these costs must be borne by the utilities themselves;*

*AND THAT, this decision be forwarded to Minister of Public and Business Service Delivery Kaleed Rasheed, Minister of Infrastructure Kinga Surma, Minister of Energy Todd Smith, Premier Doug Ford, <insert your municipality name>'s MPP, the Association of Ontario Road Supervisors and the Association of Municipalities of Ontario.*

Furthermore, AORS will be sending your public works senior managers and directors a survey to further investigate the true costs of this proposed fee on your budgets. We ask you to encourage your staff to complete this survey so we can better advocate on your behalf.

If you require additional information, please do not hesitate to contact us.

Sincerely,



John Maheu  
Executive Director  
[johnmaheu@aors.on.ca](mailto:johnmaheu@aors.on.ca)



Kelly Elliott  
Marketing and Communications Specialist  
[kellyelliott@aors.on.ca](mailto:kellyelliott@aors.on.ca)

**ENBRIDGE MOTION**

*WHEREAS, Enbridge recently made an announcement of their intention to begin charging third-party contractors and other utilities \$200 CAD (plus applicable taxes) for utility locates where a field locate is required;*

*AND WHEREAS, third-party contractors include Ontario municipalities;*

*AND WHEREAS, these locate requests are only required as Ontario municipalities have allowed utilities to use municipal right of ways at no charge to the utilities;*

*AND WHEREAS, this announcement of new downloaded costs will negatively impact the budgets of Ontario municipalities which are already burdened;*

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*THEREFORE IT BE RESOLVED, that the <insert your municipality name> strongly opposes these utility locate costs being downloaded to Ontario municipalities by Enbridge Gas or other utilities;*

*AND THAT, the Province of Ontario's Ministry of Public and Business Service Delivery make it clear that these costs must be borne by the utilities themselves;*

*AND THAT, this decision be forwarded to Minister of Public and Business Service Delivery Kaleed Rasheed, Minister of Infrastructure Kinga Surma, Minister of Energy Todd Smith, Premier Doug Ford, <insert your municipality name>'s MPP, the Association of Ontario Road Supervisors and the Association of Municipalities of Ontario.*

**05-02-23**

February 21, 2023



**Re: Enbridge Gas Inc.  
Proposed Watford Pipeline Project  
Township of Warwick and Municipality of Brooke-Alvinston  
(Lambton County), Ontario  
Notice of Project Change and Public Information Sessions**

177 Colonnade Road  
Suite 101  
Ottawa, Ontario  
Canada  
K2E 7J4  
Telephone  
613.745.2213  
Fax  
613.745.3491

To whom it may concern,

Enbridge Gas Inc. (Enbridge Gas) retained Dillon Consulting Limited (Dillon) to conduct an environmental study for the proposed Watford Pipeline Project located in the Township of Warwick and the Municipality of Brooke-Alvinston in Lambton County, Ontario.

The project will involve the construction of a new injection station and approximately 15 to 20 kilometres (km) of 4-inch or 6-inch steel pipeline. The proposed pipeline, along with other infrastructure, could enable Enbridge Gas to include more renewable natural gas into its system.

The study commenced in October 2022 and a Notice of Study Commencement was sent out during the week of November 21, 2022, inviting members of the general public, landowners, government agencies, current customers, Indigenous communities, and other interested parties to participate in the study. At that time, Enbridge Gas had identified a Preliminary Preferred Route and one Alternative Route (A), both of which would tie into the existing Enbridge Gas Watford Transmission Station on Nauvoo Road.

A Virtual Public Information Session was held for two weeks from Tuesday, December 6, 2022 to Monday, December 19, 2022 and an In-Person Public Information session was held on December 6, 2022 at the Watford Arena. Through the public information sessions, suggestions were made regarding a route option that had not previously been identified by Enbridge Gas. Following these suggestions, Enbridge Gas assessed the technical and economic feasibility of the suggested route

Dillon Consulting  
Limited

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option and requested that Dillon assess this route (Alternative Route B) in the environmental study.

The routes under consideration are shown on the figure in the Notice of Project Change (attached) and described below.

- The Preliminary Preferred Route starts at the existing Enbridge Gas station in the Municipality of Brooke-Alvinston on Nauvoo Road just north of Brooke Line, and continues south along Nauvoo Road for 300 metres (m). It then turns west and runs along Brooke Line for 1.8 km, then turns north to run along Old Walnut Road, Lasalle Line, Old Walnut Line again, and at Churchill Line enters the Township of Warwick. It then proceeds north on Underpass Road – for a total length of 13.9 km. Here, the pipeline turns east to travel along Confederation Line for 2.5 km before turning north to enter the Customer Site in Watford, at 5768 Nauvoo Road, for approximately 1 km.
- Alternative Route A starts at the existing Enbridge Gas station in the Municipality of Brooke-Alvinston on Nauvoo Road and continues north along Nauvoo Road for 10.9 km (at Churchill Line it enters the Township of Warwick). It then turns east and runs along Bond Street in Watford and onto private property for 700 m, then turns north onto the Canadian National Railway right-of-way and private property for 1.3 km. It then enters the Customer Site at 5768 Nauvoo Road for approximately 1 km.
- Alternative Route B starts at the existing Enbridge Gas Brooke Valve Site at 3943 Hardy Creek Road in the Municipality of Brooke-Alvinston and continues north for 7.5 km. It then turns west along Churchill Line for 750 m, then turns north to run along Arkona Road for 2.7 km, and then turns west and runs along Confederation Line for 3.1 km. From there, it turns north and runs for approximately 1.1 km along private property and a private laneway to enter the Customer Site at 5768 Nauvoo Road.

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New natural gas connections will not be offered to properties along the proposed pipeline, mainly due to the intermittent nature of renewable natural gas production.

The study is being conducted in accordance with the Ontario Energy Board (OEB) **Environmental Guidelines for the Location, Construction, and Operation of Hydrocarbon Pipelines and Facilities in Ontario, 7th Edition** (2016). Once the study is complete, Enbridge Gas will apply to the OEB for approval to construct the project. If approved, construction may begin in spring 2024.

Stakeholder involvement will play a key role in the project. In order to undertake a successful consultation program, we have developed a mailing list of government agencies (federal, provincial, and municipal), Indigenous communities, and potential interest groups that may have an interest in the study. Enbridge Gas will also be hosting additional virtual and in-person public information sessions as part of the study. Details about these sessions are provided in the attached Notice of Project Change.

We are collecting information on socio-economic, natural environment, and archaeological or heritage resource features along the potential routes. Examples of data being collected include information on archaeological and heritage resources, community facilities and infrastructure, terrestrial and aquatic vegetation and wildlife, as well as water, sewage, industrial, and commercial utilities.

**We are interested in hearing from you** with any comments that you or your organization may have regarding this project. We are also requesting any information relating to natural and/or human environments along the potential routes that may fall within your mandate.

Please send this information to my attention at [WatfordPipeline@dillon.ca](mailto:WatfordPipeline@dillon.ca) by **Wednesday, April 5, 2023**. If you require any further information at this time, please do not hesitate to contact me.

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February 21, 2023



If there is a more appropriate contact at your organization who should receive this letter, please kindly forward the letter at your discretion and notify us, as we will update our stakeholder consultation list.

Sincerely,

**DILLON CONSULTING LIMITED**

Alissa Lee, MES, MLIS  
Associate, Project Manager  
Tel: 613-745-2213, ext. 3024

Attachment: Notice of Project Change and Public Information Sessions



## Proposed Watford Pipeline Project

### Notice of Project Change and Public Information Sessions

TOWNSHIP OF WARWICK AND MUNICIPALITY OF BROOKE-ALVINSTON (LAMBTON COUNTY), ONTARIO  
ENBRIDGE GAS INC.

#### The Study

Enbridge Gas Inc. (Enbridge Gas) retained Dillon Consulting Limited to conduct an environmental study for the proposed Watford Pipeline Project located in the Township of Warwick and the Municipality of Brooke-Alvinston in Lambton County, Ontario.

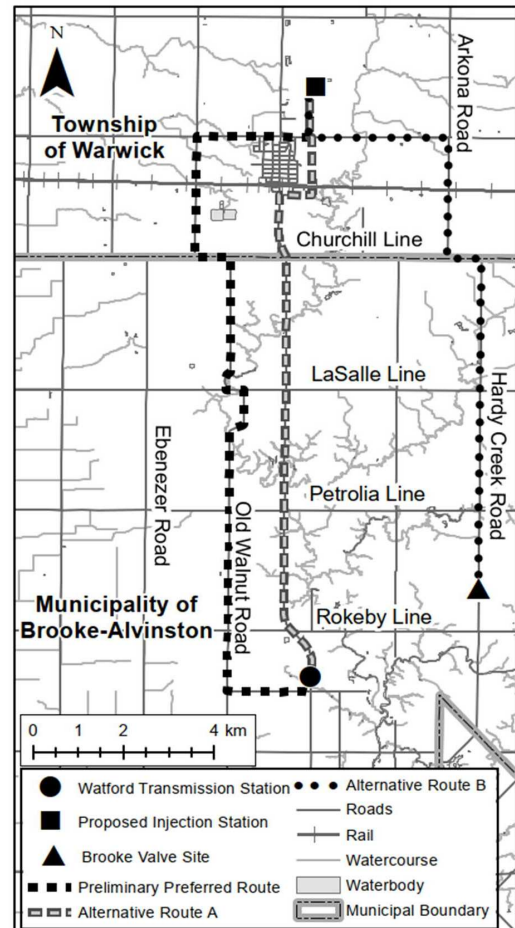
The project will involve the construction of a new injection station and approximately 15 to 20 kilometres of 4-inch or 6-inch steel pipeline. The proposed pipeline, along with other infrastructure, could enable Enbridge Gas to include more renewable natural gas into its system.

The study commenced in October 2022 and Enbridge Gas had identified a Preliminary Preferred Route and one Alternative Route (A) that would tie into the existing Enbridge Gas Watford Transmission Station on Nauvoo Road. Following the public information sessions held in early December 2022, a second Alternative Route (B) was identified, which would tie into the existing Enbridge Gas Brooke Valve Site on Hardy Creek Road (see map). **This notice is to provide an opportunity for consultation and engagement on Alternative Route B.**

Once the study is complete, Enbridge Gas will apply to the Ontario Energy Board (OEB) for approval to construct the project. If approved, construction could begin in spring 2024.

#### The Process

The study is being conducted in accordance with the OEB's Environmental Guidelines for the Location, Construction, and Operation of Hydrocarbon Pipelines and Facilities in Ontario. The study will review the need and justification for the project, describe the natural and socio-economic environment, evaluate the project from a social and environmental perspective, outline safety measures, and describe appropriate measures for impact mitigation and monitoring.



#### Invitation to the Community

Stakeholder and Indigenous consultation is a key component of this study. Members of the general public, landowners, government agencies, current customers, Indigenous communities, and other interested parties are invited to participate in the study. We are hosting a Virtual Public Information Session and an In-Person Public Information Session to provide you with an opportunity to review the project and provide input.

##### Virtual Public Information Session

Website: [www.WatfordPipelineProject.ca](http://www.WatfordPipelineProject.ca)

Active Dates: Monday, March 6 to  
Sunday, March 19, 2023

##### In-Person Public Information Session

Location: Watford Arena, Upper Arena Hall  
Address: 61 Centennial Avenue, Watford, ON  
Date and Time: March 7, 2023, 5 pm to 8 pm

If you are interested in participating or would like to provide comments, please visit the Public Information Sessions (Virtual or In-Person) or contact one of the individuals listed here. The last day to submit comments for consideration in the environmental study is **Wednesday, April 5, 2023**. You can also visit the **Enbridge Gas Project Website** at [www.enbridgegas.com/WatfordPipeline](http://www.enbridgegas.com/WatfordPipeline).

#### Project Contacts

**Alissa Lee**  
Project Manager  
Dillon Consulting Limited

**Kelsey Mills**  
Advisor, Environment  
Enbridge Gas Inc.

**Project Email:** [WatfordPipeline@dillon.ca](mailto:WatfordPipeline@dillon.ca)  
**Telephone:** 416-229-4646, ext. 2048





# Notice of Public Information Session



05-03-24

## Proposed Renewable Natural Gas Facility Twin Creeks Environmental Centre

March 30, 2023 | 4 - 7 PM

Twin Creeks Site Office

5768 Nauvoo Road | Watford, ON N0M 2S0

WM Canada (WM), the owner and operator of the Twin Creeks Environmental Centre (TCEC) in Watford, Ontario, will be hosting a **Public Information Session** to discuss the development of a Renewable Natural Gas (RNG) facility at the TCEC. The community is welcome any time from 4 - 7 PM to learn more.

We value your engagement and look forward to discussing the project with you.

- John McDonald, WM Senior District Manager  
jmcdon10@wm.com
- Luiza Adsett, WM Public Affairs Manager  
lfurtado@wm.com
- Larry Fedec, HDR Corporation Program Lead  
larry.fedec@hdrinc.com

This **Public Information Session** is being held to answer the following questions:

- Why is WM undertaking this project?
- What is Renewable Natural Gas?
- What is the design of the RNG facility?
- What are the potential environmental effects of the RNG facility?
- What approvals are required?



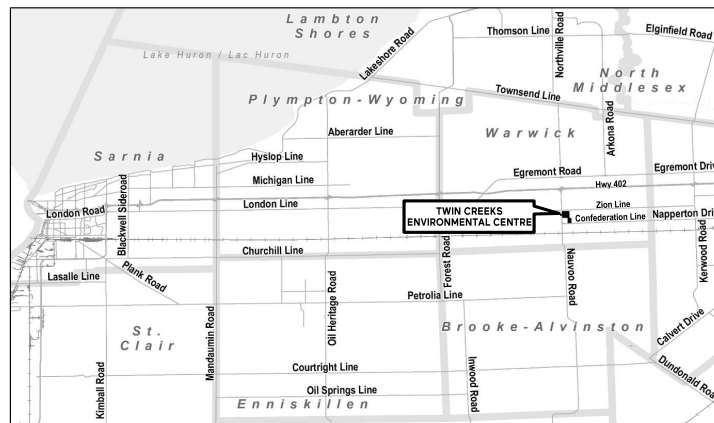
## Notice of Commencement of Environmental Assessment Twin Creeks Environmental Centre Landfill Optimization 05-04-23

WM Canada (WM), the owner and operator of the Twin Creeks Environmental Centre (TCEC) located in the Township of Warwick, Ontario, is beginning an Environmental Assessment (EA) under the *Ontario Environmental Assessment Act* seeking approval to develop additional landfill disposal capacity as part of the optimization of the design and operation of the TCEC landfill. The TCEC is located in the Township of Warwick near the Village of Watford, at the corner of Nauvoo Road and Zion Line, within the County of Lambton (see Location Map below). The purpose of the EA is to assess the potential effects of the proposed landfill optimization, which includes additional landfill disposal capacity, on the environment.

There are approximately 8 years of approved landfill airspace capacity remaining at the TCEC (i.e., capacity will be reached in approximately 2031). The proposed optimization would provide additional airspace of approximately 14 million cubic metres (m<sup>3</sup>), which could extend the site life by approximately 12 years (from 2031 to 2043), and may be achieved through alternative landfill configurations or alternative methods within the existing 301 ha TCEC site area. No changes are proposed to the size of the TCEC site area, approved service area, or annual fill rate.

The TCEC landfill provides safe and convenient disposal services for communities, businesses and industries serving the Province of Ontario. There is a need for the continued development of the TCEC as it is a significant component of the provincial waste management network and infrastructure, which is lacking in sufficient and secure long-term disposal capacity. Optimizing the development of the TCEC would maximize the use of the existing site infrastructure and would allow for on-going sustainable business operations and continued provision of essential financial support for community services and programs. The landfill optimization would also provide longer-term certainty of service continuity to WM's customers beyond the remaining approximate 8 years of capacity.

### LOCATION MAP



### The Process

On December 13, 2022, the Minister of the Environment, Conservation and Parks approved the amended Terms of Reference (ToR) for the Twin Creeks Environmental Centre Landfill Optimization Project. A copy of the approved ToR is available on the project website [www.wm.com/ca/en/twin-creeks-landfill/landfill-optimization-project](http://www.wm.com/ca/en/twin-creeks-landfill/landfill-optimization-project).

The EA will be carried out according to the approved ToR and the requirements of the *Ontario Environmental Assessment Act*. The results of the EA will be documented in an EA Study Report, which will be submitted to the Ministry of Environment, Conservation and Parks for review.

### Consultation and Engagement

Members of the public, agencies, Indigenous communities, and other interested persons are encouraged to actively participate in the planning of the undertaking by participating in consultation and engagement opportunities or contacting staff directly with information, comments or questions. Consultation and engagement events are planned throughout the EA and are anticipated to include: 1) project introduction, EA process overview, project milestones, consultation and engagement opportunities; 2) description of existing environmental conditions, alternative methods, evaluation criteria; 3) results of assessment and comparative evaluation, identification of preferred alternative; and 4) draft EA study report. These events will be advertised in local newspapers, on the project website [www.wm.com/ca/en/twin-creeks-landfill/landfill-optimization-project](http://www.wm.com/ca/en/twin-creeks-landfill/landfill-optimization-project), and by direct and/or electronic mail (email).

A **Public Information Session** will be held on **Wednesday, April 19, 2023** to introduce the landfill optimization project and provide an overview of the EA process, and present anticipated project milestones and consultation and engagement opportunities. The Public Information Session will take place at the **Waste Management Twin Creeks Site Office, 5768 Nauvoo Road, Watford, ON** from **4 p.m. to 8 p.m.**

You are invited to submit any comments by mail, email, or phone to the project contacts listed below. If you would like to be added to the project mailing list or have project-related questions, please contact:

Wayne Jenken Area Landfill Manager, Eastern Canada Area WM Canada 5768 Nauvoo Road, Watford, ON N0M 2S0 Phone: 519.849.5810 E-mail: <a href="mailto:wjenken@wm.com">wjenken@wm.com</a>	Larry Fedec, P.Eng. M.B.A. Solid Waste Program Lead, Canada HDR Corporation 100 York Blvd., Suite 300, Richmond Hill, ON L4B 1J8 Phone: 289.695.4696 E-mail: <a href="mailto:larry.fedec@hdrinc.com">larry.fedec@hdrinc.com</a>
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All personal information included in your request – such as name, address, telephone number and property location – is collected under the authority of section 30 of the *Environmental Assessment Act* and is collected and maintained for the purpose of creating a record that is available to the general public. As this information is collected for the purpose of a public record, the protection of personal information provided in the *Freedom of Information and Protection of Privacy Act (FIPPA)* does not apply. Personal information you submit will become part of a public record that is available to the general public unless you request that your personal information remain confidential.

Published April 5, 2023

 <b>INFRASTRUCTURE &amp; DEVELOPMENT SERVICES DIVISION</b>	
<b>REPORT TO:</b>	<b>CHAIR AND COMMITTEE MEMBERS</b>
<b>DEPARTMENT:</b>	<b>PUBLIC WORKS</b>
<b>PREPARED BY:</b>	<b>Matt Deline, P.Eng., Manager</b>
<b>REVIEWED BY:</b>	<b>Jason Cole, P.Eng., General Manager Stéphane Thiffault, Chief Administrative Officer</b>
<b>MEETING DATE:</b>	<b>April 20, 2023</b>
<b>INFORMATION ITEM:</b>	<b>2023-2027 Roads Construction Program</b>

**BACKGROUND**

The Public Works Department is responsible for the upkeep of approximately 650 kilometres of roadway and 186 bridges and major culverts. The Department ensures that the County Road Network is constructed and maintained in accordance with established industry standards in order that users can travel safely and in an efficient manner. The County uses innovative and green construction practices whenever possible, such as recycling existing pavement, using warm mix asphalt, ultra-thin bonded wearing course and application of fiber mat pavement reinforcement.

This report provides a summary of the scheduled capital roads projects for 2023 as well as updates to the County's five-year Roads Construction Program.

**DISCUSSION**

The County Road (CR) projects identified as part of carryover work from 2022 and the approved 2023 County Budget are highlighted below:

**2022 Carryover Road and Bridge Projects****CR 8 (Inwood Road) – Munro Drain Culvert Replacement**

- Tendered August 2022
- Scheduled completion summer 2023
- Road to be closed approximately 2-3 weeks for construction.

**CR 8 (Inwood Road) – Bourne Drain Culvert Replacement**

- Tendered August 2022
- Scheduled completion summer 2023
- Road to be closed approximately 2-3 weeks for construction.

2022 Carryover Road and Bridge Projects (continued):

## CR 22 (London Line) – Herbert Drain Culvert Rehabilitation

- Tendered in March 2023
- Road to remain open during construction.
- Scheduled completion fall 2023

## CR 7 (Lakeshore Road) – Bonnie Doon Bridge Rehabilitation

- Tendered in January 2023
- Construction commenced
- Scheduled completion fall 2023
- Road to be closed during construction to September 2023, weather permitting.

2023 Roads Projects

## CR 79 (Nauvoo Road) – Culvert Replacement and Slope Repair 500m south of CR 4 (Petrolia Line)

- Replace concrete box culvert
- Reconstruct both east and west side banks
- Install slope stabilization system
- Road to be closed approximately 3-4 weeks for construction, weather permitting.

## CR 79 (Nauvoo Road) – CR 80 (Courtright Line) to South of Rokeby Line

- Pavement recycling, resurfacing with new partially-paved shoulders and drainage improvements
- Tendered February 2023
- Construction to commence in May 2023

## CR 26 (Mandaumin Road) – CR 80 (Courtright Line) to Rokeby Line

- Pavement recycling, resurfacing and drainage improvements
- Tender in March
- Construction to commence late June 2023

## CR 21 (Oil Heritage Road) – South of Edys Mills to Langbank Line

- Pavement recycling, resurfacing and drainage improvements
- Tender in March
- Construction to commence late June 2023

## CR 7 (Lakeshore Road) – Telfer Road to CR 26 (Mandaumin Road)

- Pavement recycling, resurfacing with new partially-paved shoulders and drainage improvements
- Construction in June 2023

2023 Road Projects (continued):

## CR 33 (Front Street) – Exmouth to CR 16 (London Road)

- Pavement recycling, resurfacing with and drainage improvements
- Construction in August 2023
- Intermittent closures, detours to be posted, access provided when available.

## CR 2 (Bentpath Line) – Indian Creek to Sydenham Bridge

- Road reconstruction and slope repairs
- Tender in May
- Construction in September 2023
- Road to be closed for the duration of the construction.

2023 Contingency Roads Project:

## CR 26 (Mandaumin Road) - Langbank Line to Lambton Line

- Roadway reconstruction, widening and drainage improvements
- Property purchases ongoing

2023 Bridge and Major Culvert Projects:

The following structures are currently undergoing investigation and design work and are scheduled to be tendered in 2023:

- Brown's Creek Bridge No. 1 Rehabilitation – CR 79 (Nauvoo Road)
- Brown's Creek Bridge No. 2 Rehabilitation – CR 79 (Nauvoo Road)
- South Boundary Drain Culvert Replacement – CR 12 (Townsend Line)
- McPherson Drain Culvert Replacement – CR 12 (Townsend Line)
- Whitebread Drain Culvert Replacement – Boundary Bridge – project coordinated with Chatham-Kent.

Contingency roads projects are completed subject to final tender and actual construction costs of the prioritized capital road and bridge projects, noted above.

In addition to producing the annual Roads Construction Program for the current budget year, the Public Works Department maintains a schedule of projected capital projects for future construction seasons. This list is reviewed annually, prioritizing road and bridge projects based on pavement or structure condition, rate of degradation, existing structural make-up, and traffic demand. As part of the review, appropriate treatment strategies, potential partnerships, and economies of scale are considered and measured against anticipated future funding to develop a list of prospective capital roads projects. The Department uses this list to initiate planning and design activities and to ensure that adequate resources are available to complete the identified projects in future years while utilizing all available Federal and Provincial Funding.

The Public Works Department has consolidated the prioritized road and bridge project list for the next five-year period into the 2023-2027 Roads Construction Program, which is attached to this report. The document will continue to be updated and shared annually to communicate the County's anticipated projects with local tier municipalities within the County, neighbouring Counties and municipalities, stakeholder agencies, and members of the public.

Beyond the projects included in the approved 2023 County Budget, the future work in this document is not locked. The Program is not intended to be a rigid manifesto, but a communication tool to allow adequate planning and management of the extensive infrastructure that makes up the County Road Network. The projects in this program are selected based on the best and available information at the time of review. Many of the variables considered will continue to change as projects develop. Ultimately, future construction will be subject to available funding, design, environmental and agency approvals, property acquisition, and conflicts or partnerships with other municipal projects.

### **FINANCIAL IMPLICATIONS**

The approved County of Lambton 2023 Budget includes approximately \$14 million funded from levy, Canada Community Building Fund (CCBF - formerly Federal Gas Tax), the Ontario Community Infrastructure Fund (OCIF), reserves, and long-term financing directed toward capital road and bridge improvements.

### **CONSULTATIONS**

Public Works liaises with numerous public and private stakeholders as well as retains external consultants to deliver the Roads Construction Program.

### **STRATEGIC PLAN**

Application of Area of Effort #3: Community Development - Capitalizing on opportunities that enrich the quality of life and future of the community by:

- Advocating in a manner that raises the profile of the County and its needs in order to secure improved senior government supports, funding, grants, and other resources.
- Promoting policies and strategies that protect environmental resources and support the area's quality of life and economic development potential, allowing us to pass these resources on intact to future generations.
- Actively pursuing joint opportunities with community partners that contribute to the long-term growth and well-being of the Lambton community.
- Implementing and strengthening of the County's sustainability plan.

- Developing policies and practices that bolster and safeguard municipal infrastructure.

**CONCLUSION**

Planned accomplishments as part of the 2023 Roads Construction Program include:

- 29 kilometres of new pavement surface;
- 12 kilometres of partially-paved shoulder to enhance safety for vulnerable road users; and
- Five large culvert replacements, as well as the rehabilitation of four structures (including 2022 carryover projects).

The attached 2023-2027 Roads Construction Program, including maps and schedules, is provided as reference for Council and the public and will be forwarded to municipal partners. This document can also be found on the County website under the Public Works heading at [www.lambtononline.ca](http://www.lambtononline.ca). The timing of the projects is subject to available funding, design, environmental approval, property acquisition and construction requirements.





## **COUNTY OF LAMBTON**

### **2023-2027 Roads Construction Program**



Prepared by: Public Works Department  
County of Lambton

Date: April 2023

## Introduction

The County of Lambton Public Works Department is responsible for the operation and upgrade of approximately 650 kilometres of roads and over 186 bridges and major culverts. The County Road network connects Lambton's communities and is critical to the County's economy and quality of life. The objective of the Public Works Department is to ensure the infrastructure that makes up the County Road network is maintained and constructed to applicable standards, providing the safe and efficient movement of people and goods throughout the County.



Potential County Road projects are reviewed annually during budget planning. Candidate road and bridge projects are prioritized based on a number of variables to determine appropriate treatments and schedules that balance construction costs with infrastructure lifecycle. In addition to design standards and guidelines, as part of the Comprehensive Asset Management Plan, the County has established level of service targets for the road network. To help meet these goals, the County uses a number of rehabilitation techniques to help extend the life of the assets. Environmentally responsible options are employed to best utilize existing resources.

The 2023-2027 Roads Construction Program is a consolidated listing of the County's prioritized road and bridge project list for the next 5-year period. It is intended to be a living document, updated annually, that can be shared to communicate the County's anticipated projects with partner municipalities, stakeholder agencies, and members of the public.

The projects in this Program are selected based on the best and available information at the time of assessment. Many of the variables considered will continue to change as projects develop. Ultimately, future construction will be subject to available funding, design, environmental and agency approvals, property acquisition, and conflicts or partnerships with other municipal projects.

### 2023 PLANNED CONSTRUCTION

Roadway	29 km
Structure Rehabilitations	5
Structure Replacement	5
Partially-Paved Shoulders	12 km



**County of Lambton  
2023 Roads Construction Program**

**PROPOSED PROJECTS - ROADS 2023**

- 1) County Road 21 (Oil Heritage Road)** - South of Edys Mills Line to Langbank Line  
Pavement recycling, resurfacing and drainage improvements
- 2) County Road 79 (Nauvoo Road)** –South Limit of the Village of Alvinston to Rokeby Line  
Pavement recycling, resurfacing with new partially-paved shoulders and drainage improvements
- 3) County Road 79 (Nauvoo Road)** – 500 metres South of County Road 4 (Petrolia Line)  
Slope stabilization, box culvert replacement and drainage improvements
- 4) County Road 26 (Mandaumin Road)** – Courtright Line to Rokeby Line  
Pavement recycling, resurfacing and drainage improvements
- 5) County Road 7 (Lakeshore Road)** - Telfer Road to County Road 26 (Mandaumin Road)  
Pavement recycling, resurfacing with new partially-paved shoulders and drainage improvements
- 6) County Road 33 (Front Street)** - County Road 16 (London Road) to Exmouth Street  
Pavement recycling and resurfacing
- 7) County Road 2 (Bentpath Line)** – At Indian Creek Road (Approximately 500 metres)  
Slope stabilization, road reconstruction and drainage improvements
- 8) County Road 26 (Mandaumin Road)** - Langbank Line to Lambton Line  
Roadway reconstruction, widening and drainage improvements.

**PROPOSED PROJECTS - BRIDGES & MAJOR CULVERTS 2023**

- 9) 07-3-223 – Bonnie Doon Bridge - County Road 7 (Lakeshore Road)**  
Bridge rehabilitation - **Carry-over 2022**
- 10) 22-5-299 - Herbert Drain Culvert - County Road 22 (London Line)**  
Culvert rehabilitation - **Carry-over 2022**
- 11) 08-5-226 - Munro Drain Culvert - County Road 8 (Inwood Road)**  
Culvert rehabilitation - **Carry-over 2022**
- 12) 8-5-239 - Bourne Drain - County Road 8 (Inwood Road)**  
Culvert replacement - **Carry-over 2022**
- 13) 79-3-274 - Browns Creek No. 1 - County Road 79 (Nauvoo Road)**  
Bridge rehabilitation

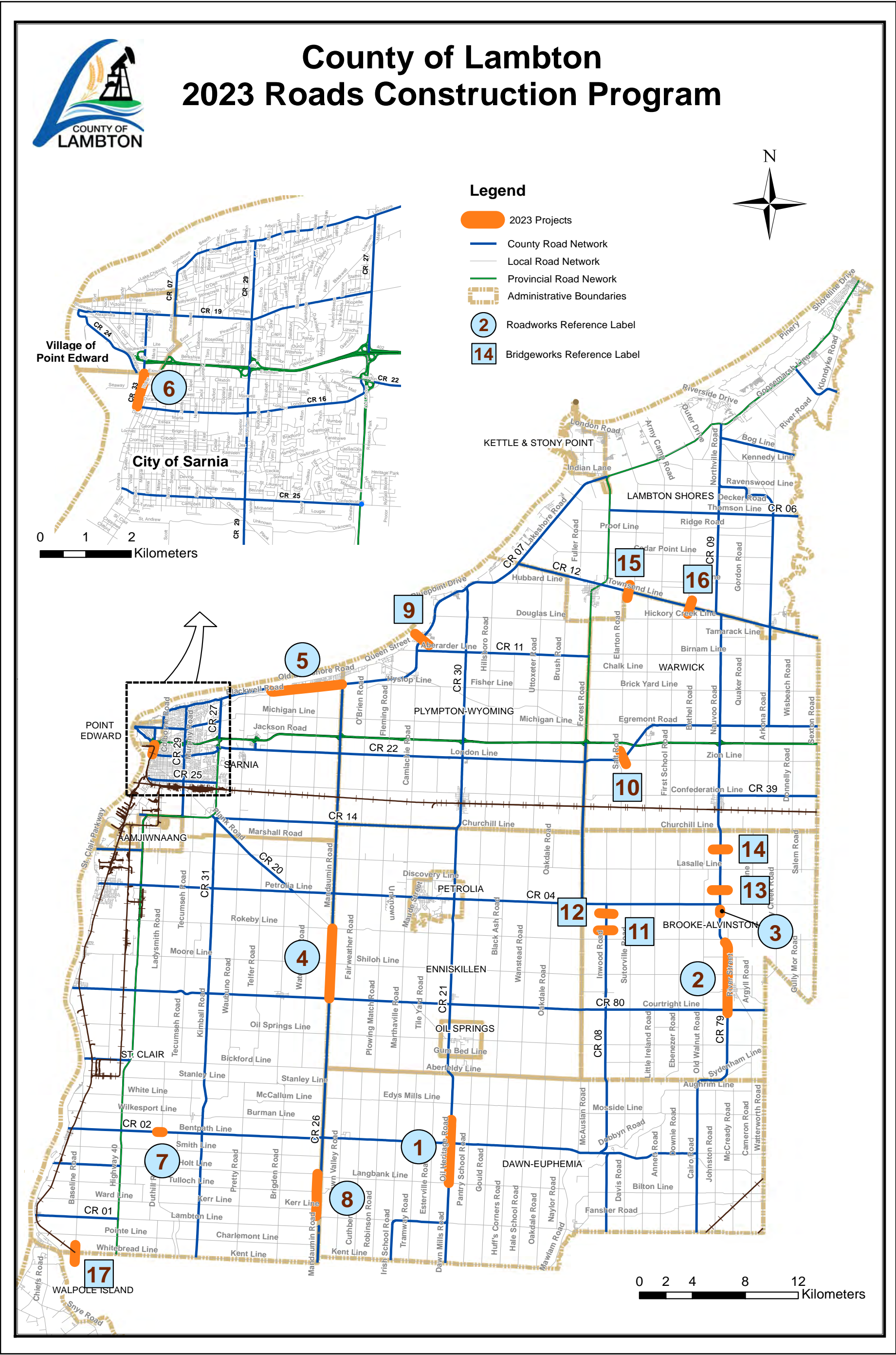
**PROPOSED PROJECTS - BRIDGES & MAJOR CULVERTS 2023 (cont'd)**

- 14) 79-3-305 - Browns Creek No. 2 - County Road 79 (Nauvoo Road)**  
Bridge rehabilitation
- 15) 12-5-083 - South Boundary Drain - County Road 12 (Townsend Line)**  
Culvert replacement
- 16) 12-5-128 - McPherson Drain - County Road 12 (Townsend Line)**  
Culvert replacement
- 17) SB-5-001 - Whitebread Drain Culvert - South Boundary (with Chatham-Kent)**  
Culvert replacement

**Notes:**

- 1) The timing of the above projects is subject to available funding, design, environmental approval, property acquisition and construction requirements.*
- 2) Construction methods are tentative and subject to change, including the need for full road closures for construction.*







**County of Lambton  
2024 - 2027 Roads Construction Program**

**PROPOSED PROJECTS - ROADS 2024 – 2027**

- 18) County Road 7 (Lakeshore Road)** - County Road 26 (Mandaumin Road) to east of Egremont Road  
Pavement recycling, resurfacing with new partially-paved shoulders and drainage improvements
- 19) County Road 79 (Nauvoo Road) and County Road 39 (Confederation Line)** - Intersection Improvements  
Reconstruction with geometric and drainage improvements
- 20) County Road 22 (London Line)** - County Road 8 (Forest Road) to the east limit of Warwick Village  
Pavement recycling, resurfacing with new partially-paved shoulders and drainage improvements
- 21) County Road 31 (Kimball Road)** – Immediately North of Burman Line (at Sydenham Bridge Crossings)  
Slope stabilization, reconstruction and drainage improvements
- 22) County Road 26 (Mandaumin Road)** - County Road 2 (Bentpath Line) to Lambton Line  
Double surface treatment
- 23) County Road 26 (Mandaumin Road)** – Rokeby Line to County Road 14 (Churchill Line)  
Pavement recycling, resurfacing and drainage improvements
- 24) County Road 79 (Nauvoo Road)** –Rokeby Line to Browns Creek No. 1  
Pavement recycling, resurfacing with new partially-paved shoulders and drainage improvements
- 25) County Road 2 (Bentpath Line)** - Indian Creek Road to County Road 31 (Kimball Road)  
Roadway reconstruction with new partially-paved shoulders and drainage improvements
- 26) County Road 16 (London Road)** – Lambton Mall Road to Exmouth Street  
Pavement milling and resurfacing
- 27) County Road 79 (Nauvoo Road)** –Browns Creek No. 1 to the South Limit of Watford  
Pavement recycling, resurfacing with new partially-paved shoulders and drainage improvements
- 28) County Road 22 (London Line) and County Road 8 (Forest Road) Intersection**  
Roundabout intersection construction
- 29) County Road 19 (Michigan Avenue)** - Colborne Road to County Road 29 (Indian Road)  
Road reconstruction
- 30) County Road 16 (London Road)** - County Road 33 (Front Street) to Murphy Road  
Pavement milling and resurfacing
- 31) County Road 31 (Kimball Road)** - County Road 4 (Petrolia Line) to County Road 20 (Plank Road)  
Pavement recycling, resurfacing and drainage improvements

**PROPOSED PROJECTS - ROADS 2024 – 2027 (cont'd)**

- 32) County Road 35 (LaSalle Line)** - St. Clair Parkway to King's Highway 40  
Pavement recycling with widening, resurfacing and drainage improvements
- 33) County Road 4 (Petrolia Line)** - County Road 8 (Forest Road) to Little Ireland Road  
Pavement recycling, resurfacing and drainage improvements
- 34) County Road 19 (Michigan Avenue)** - Intersection/Park Entrance under Bluewater Bridge  
Reconstruction for geometric improvements, with pavement milling and resurfacing
- 35) County Road 26 (Mandaumin Road)** - County Road 14 (Churchill Line) to County Road 22 (London Line)  
Pavement recycling, resurfacing and drainage improvements
- 36) County Road 21 (Oil Heritage Road)** - Village of Oil Springs to Shiloh Line  
Pavement recycling, resurfacing and drainage improvements
- 37) County Road 79 (Arkona Road)** – North limit of Arkona to the east limit of Thedford  
Pavement recycling, resurfacing and drainage improvements
- 38) County Road 4 (Petrolia Line)** – Old Walnut Road to County Road 79 (Nauvoo Road)  
Roadway reconstruction with widening and drainage improvements
- 39) County Road 39 (Confederation Line)** - County Road 79 (Nauvoo Road) to Sexton Line  
Pavement recycling and resurfacing
- 40) County Road 31 (Kimball Road)** – Immediately North of Burman Line (at Sydenham Bridge Crossings)  
Road reconstruction
- 41) County Road 21 (Irish School Road) Curve at Marthaville Road** - Intersection Improvements  
Reconstruction with geometric and drainage improvements
- 42) County Road 31 (Kimball Road)** – Sydenham River to County Road 80 (Courtright Line)  
Pavement recycling, resurfacing and drainage improvements
- 43) County Road 4 (Petrolia Line)** – Oozloffsky Street to County Road 26 (Mandaumin Road)  
Pavement recycling, resurfacing and drainage improvements
- 44) County Road 79 (Nauvoo Road)** - South County Boundary to Old Walnut Road  
Pavement recycling, resurfacing with new partially-paved shoulders and drainage improvements
- 45) County Road 4 (Petrolia Line)** – Lyndoch Street to Brooktree Drive  
Pavement milling and resurfacing
- 46) County Road 26 (Mandaumin Road)** – County Rd. 80 (Courtright Line) to County Rd. 2 (Bentpath Line)  
Pavement resurfacing
- 47) County Road 29 (Indian Road)** – County Road 25 (Confederation Street) to Exmouth Street  
Pavement milling and resurfacing
- 48) County Road 6 (Thomson Line)** - County Road 9 (Northville Road) to County Road 79 (Arkona Road)  
Roadway reconstruction with widening and double surface treatment



**PROPOSED PROJECTS - BRIDGES & MAJOR CULVERTS 2024 - 2027**

- 49) 22-3-066 - Pulse Creek Bridge - County Road 22 (London Line)**  
Bridge replacement
- 50) 79-3-334 - CNR Overpass Bridge - County Road 79 (Nauvoo Road) over Canadian National Railway**  
Bridge rehabilitation
- 51) 04-5-218 - David Creek - County Road 4 (Petrolia Line)**  
Culvert replacement/lining
- 52) 79-5-224 - McLean Drain - County Road 79 (Nauvoo Road)**  
Culvert replacement/lining
- 53) 29-3-058 - Clayton-Saylor Bridge - County Road 29 (Indian Road)**  
Bridge rehabilitation
- 54) EB-3-006 - McPhail Bridge No. 2 - Boundary Bridge - Sexton Road over East Sydenham River**  
Bridge rehabilitation
- 55) 7-5-272 – Aberarder Creek Culvert - County Road 7 (Lakeshore Road)**  
Culvert lining
- 56) 31-5-013 - Reid Drain - County Road 31 (Kimball Road)**  
Culvert replacement
- 57) EB-3-003 - Morrough Creek Bridge No. 1 – Boundary Bridge - Shiloh Line over Morrogh Creek**  
Bridge rehabilitation
- 58) 18-3-054 - Heaman Henderson Bridge – County Road 18 (Bog Line)**  
Bridge rehabilitation
- 59) SB-3-004 - East Otter Creek Bridge – Boundary Bridge - Kent Line over East Otter Creek**  
Bridge rehabilitation
- 60) 26-3-395 - Cow Creek Bridge – County Road 26 (Mandaumin Road)**  
Bridge rehabilitation
- 61) 02-5-385 - McCollum Drain Culvert – County Road 2 (Bentpath Line)**  
Culvert replacement
- 62) 21-3-210 - Black Creek Bridge No. 1 – County Road 21 (Oil Heritage Road)**  
Bridge rehabilitation
- 63) 26-5-399 - Montgomery Drain Culvert – County Road 26 (Mandaumin Road)**  
Culvert replacement
- 64) 07-5-384 - Beith Creek Culvert – County Road 7 (Lakeshore Road)**  
Culvert replacement
- 65) 07-5-406 - Shashawandah Creek Culvert – County Road 7 (Lakeshore Road)**  
Culvert replacement

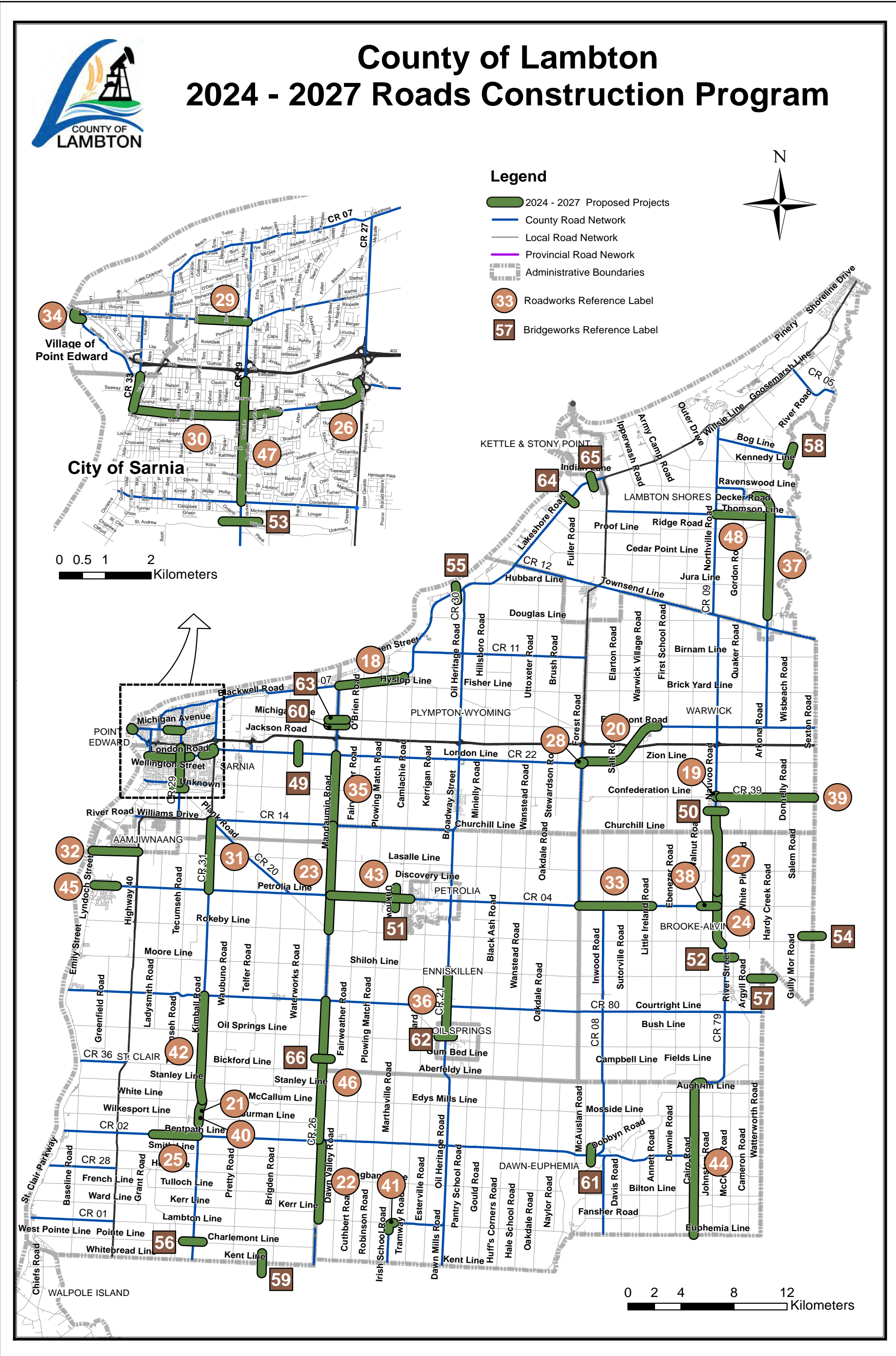
**PROPOSED PROJECTS - BRIDGES & MAJOR CULVERTS 2024 – 2027 (cont'd)**

**66) 26-5-152 - Black Creek Bridge – County Road 26 (Mandaumin Road)**

Bridge repairs

**Notes:**

- 1) *The timing of the above projects is subject to available funding, design, environmental approval, property acquisition and construction requirements.*
- 2) *Construction methods are tentative and subject to change, including the need for full road closures for construction.*





## INFRASTRUCTURE & DEVELOPMENT SERVICES DIVISION

<b>REPORT TO:</b>	<b>CHAIR AND COMMITTEE MEMBERS</b>
<b>DEPARTMENT:</b>	<b>PLANNING AND DEVELOPMENT SERVICES</b>
<b>PREPARED BY:</b>	<b>Jay vanKlinken, Emergency Management Coordinator</b>
<b>REVIEWED BY:</b>	<b>Kenneth Melanson, RPP, Manager Jason Cole, P. Eng., General Manager Stéphane Thiffeault, Chief Administrative Officer</b>
<b>MEETING DATE:</b>	<b>April 20, 2023</b>
<b>INFORMATION ITEM:</b>	<b>Emergency Management Coordinator Activities Report</b>

### **BACKGROUND**

The following is a summary of some recent activities related to Emergency Management.

### **DISCUSSION**

#### Long-Term Care Evacuation Planning

Under the authority of the *Fixing Long-Term Care Act*, an evacuation plan has been developed for all three County long-term care homes. Planning scenarios centre on the complete loss of the home for up to 72 hours. Discussions are underway with local municipalities and community partners to identify facilities, transportation and supports that could help with an evacuation on a short-term basis. License agreements and other arrangements will be added to the plan, as it is developed further.

#### Drinking Water Exercise

A project team with representatives from the Lambton Area Water Supply System (LAWSS), Lambton Public Health (LPH), and Community Emergency Management Coordinators (CEMC) is developing an emergency exercise for 2023. The scenario will evaluate public alerting, communication, procurement, and coordination requirements in the event of a prolonged drinking water outage. The project team is consulting with neighbouring jurisdictions, industry [through Community Awareness/Emergency Response (CAER)], Emergency Management Ontario, and the Ministry of Environment, Climate Change, and Parks to develop the scenario.

#### Emergency Preparedness Week

Emergency Preparedness Week is May 7-13, 2023 in Canada. A communications plan has been developed that encourages the public to develop their own, personal emergency plans, compile home preparedness kits (also known as “72-hour kits”), and to subscribe for public alerts through Sarnia-Lambton Alerts (formerly MyCNN). Work is also advancing

through CAER to develop a publicly available shelter-in-place scenario that individuals and organizations can exercise on, as well as public education materials that support the initiative.

#### Libraries Presentations

The County CEMC is working with staff from Libraries and Lambton County Archives, as well as local CEMCs, to deliver emergency preparedness presentations at local library branches in 2023. Presentations will review historical emergencies in the community, municipal emergency planning, and home preparedness. CAER has generously sponsored home 72-hour kits for giveaways at each presentation. The first presentation is scheduled to occur May 3, 2023 at Sarnia Library.

#### **FINANCIAL IMPLICATIONS**

All items referenced are included in the department's 2023 budget.

#### **CONSULTATIONS**

Consultations have occurred with Long-Term Care Division staff, local CEMCs, LAWSS, Lambton Public Health, Cultural Services Division staff, Emergency Management Ontario, the Ministry of Environment, Climate Change, and Parks, and CAER.

#### **STRATEGIC PLAN**

Application of Area of Effort #3: Community Development - Capitalizing on opportunities that enrich the quality of life and future of the community by:

- Actively pursuing joint opportunities with community partners that contribute to the long-term growth and well-being of the Lambton community.

Application of Area of Effort #4: Progressive Organizational Culture - Creating an organizational culture that is capable of supporting the County's vision and mission by:

- Actively pursuing improvements, evidenced-based practices, innovation and other supports that promote a learning and progressive organization.

#### **CONCLUSION**

The discussion items identified in this report underscore the County's commitment to working with internal and external stakeholders to prevent, mitigate, prepare for, respond to, and recover from incidents or emergencies that threaten public health and safety or critical infrastructure in the community.



## INFRASTRUCTURE & DEVELOPMENT SERVICES DIVISION

<b>REPORT TO:</b>	<b>CHAIR AND COMMITTEE MEMBERS</b>
<b>DEPARTMENT:</b>	<b>PLANNING AND DEVELOPMENT SERVICES</b>
<b>PREPARED BY:</b>	<b>Tim Payne, RPF Woodlands Conservation Officer</b>
<b>REVIEWED BY:</b>	<b>Kenneth Melanson, RPP, Manager Jason Cole, P. Eng, General Manager Stéphane Thiffault, Chief Administrative Officer</b>
<b>MEETING DATE:</b>	<b>April 20, 2023</b>
<b>INFORMATION ITEM:</b>	<b>Woodlands Annual Report 2022</b>

### **BACKGROUND**

The Rules of Procedure for the Woodlands Hearings Board require staff to prepare an annual report for consideration by Committee A.M. and County Council:

*The Board shall, after the close of each calendar year, make an annual report upon the affairs of the Board to the Committee A.M. and thereafter to County Council. The Board, at its own discretion, may delegate this task to the General Manager of the Infrastructure & Development Services Division or the Manager of the Planning & Development Services Department.*

This report will outline the 2022 administrative and enforcement activities under Woodlands Conservation By-Law No. 4 of 2012.

### **DISCUSSION**

As the County moved out of the pandemic, staff were able to meet with more landowners and contractors. The 2022 year saw a decrease in total approvals, down 27% from 2021. Exemption approvals were also down 36%. Contributing factors to the decrease would be the continued outreach and education of landowners. Conditions on the land also contributed to the lower approvals and permits due to the lack of dry or frozen ground to access the woodlands from the rotational crop agriculture lands.

The promotion of and education about woodlands is always discussed with landowners, contractors, and the public. In 2022, Staff did still receive public complaints about the removal of woodlands or parts of woodlands. Members of the public expressed how important woodlands are, given the current environmental concerns. Staff reviewed the public input and have put forward and amended Woodlands Conservation By-Law for consideration.

The attached table (Appendix "A") presents a summary of the applications received by the Woodlands Conservation Officer in 2022.

**FINANCIAL IMPLICATIONS**

Budget allocations and the collection of Notice of Intent fees continue. In-lieu funds from exemption applications are used to continue a no net loss approach to the forest cover of Lambton County.

**CONSULTATIONS**

The St. Clair Region Conservation Authority (SCRCA) was consulted in the preparation of this report.

**STRATEGIC PLAN**

Area of Effort #3:

Capitalizing on opportunities that enrich the quality of life and future prospects of the community by:

- Promoting policies and strategies that protect environmental resources and support the area's quality of life and economic development potential, allowing us to pass these resources on intact to future generations.
- Undertaking environmentally conscious initiatives that protect and enhance woodlots, manage the County's natural heritage features, and target waste reduction, energy conservation and reduction, and the use of sustainable technologies and processes.

**CONCLUSION**

Staff will continue to administer the Woodlands Conservation By-Law through the SCRCA. Landowner engagement to educate residents about the importance of woodlands is always a priority and discussed in all communication.



**APPENDIX "A"**

Township	Type of Application 2022														
	Good Forestry Harvesting		Circumference Limit Harvesting		Hearings Board Exemptions		Approved Exemptions		Exemption Tile		Investigations	Pipelines	General Inquiry	<b>TOTAL</b>	
Brooke - Alvinston			4				1							5	6%
Dawn - Euphemia			17				6					3		26	30%
Enniskillen	4		3				3		3		2	3		18	21%
Lambton Shores	6		2				3							11	13%
Plympton - Wyoming							2						1	3	3%
Sarnia			3									1		4	5%
St. Clair	5		4				2				2	1		14	16%
Warwick			2				2						1	5	6%
<b>TOTAL</b>	15	227.7 acres	35	816.8 acres	0	0 acres	19	32.3 acres	3	0.7 acres	4	8	2	86	

**Approved Exemptions\***


- Agriculture edge maintenance between the agriculture lands and the woodland
- Small scale squaring and straightening of woodland edges
- Areas that do not meet the definition of a woodland based on number of trees per acre or size of the woodland (hawthorn/ old pasture)

**Investigations**

- No formal charges laid. Either settled through the Woodlands Conservation By-Law Officer or not a chargeable offence.

**Pipeline Exemptions**

- Utility and pipeline right-of-way maintenance and installations

 <b>INFRASTRUCTURE &amp; DEVELOPMENT SERVICES DIVISION</b>	
<b>REPORT TO:</b>	<b>CHAIR AND COMMITTEE MEMBERS</b>
<b>DEPARTMENT:</b>	<b>PUBLIC WORKS</b>
<b>PREPARED BY:</b>	<b>Jason Cole, P. Eng., General Manager</b>
<b>REVIEWED BY:</b>	<b>Stéphane Thiffeault, Chief Administrative Officer</b>
<b>MEETING DATE:</b>	<b>April 20, 2023</b>
<b>INFORMATION ITEM:</b>	<b>Upcoming 2023 Public Works Conferences</b>

**BACKGROUND**

This report outlines upcoming 2023 Public Works conferences. The following industry organizations are hosting in-person conferences, as listed:

- American Public Works Association (APWA 2023 PWX)
- Solid Waste Association of North America (SWANA) WASTECON 2023 Conference & Exhibition
- Transportation Association of Canada (TAC) 2023 Conference & Exhibition

**DISCUSSION****APWA 2023 PWX**

PWX will be held at the San Diego Convention Center in San Diego, California from August 27-30, 2023.

- Over 125 education sessions covering the latest best practices and successful practices and case studies;
- An extensive gathering of exhibitors showcasing asset and inventory management, workforce solutions, and sustainability solutions; and
- Opportunities to network with peers, hone leadership abilities, and learn new job skills.

Registration	Full Registration (before June 30, 2023)	\$829 USD
	Companion	\$95 USD
Room Rates		N/A at this time

More event details and hotel information can be found at the following link:

[https://pwx.apwa.net/pwx/event\\_details.aspx?EventTabs=1#EventTabs](https://pwx.apwa.net/pwx/event_details.aspx?EventTabs=1#EventTabs)

### **SWANA WASTECON 2023 Conference & Exhibition**

Will be held in Boston, Massachusetts from September 27-29, 2023.

- Technical sessions featuring industry leading solid waste speakers presenting on topics such as food waste, waste technology, and solution-centric leadership experiences;
- Networking opportunities, including the opening reception, technical tours, and social events;
- Exhibit hall featuring hundreds of the industry's best solid waste product and service providers; and
- Nearly 3,000 solid waste professionals under one roof.

Details, fees and accommodations are not yet set for this event. Information on registration fees and room rates will be available at the following links:

<https://wastecon.org/>

### **Transportation Association of Canada (TAC) 2023 Conference & Exhibition**

Will be held at the Shaw Centre in Ottawa, Ontario from September 24-27, 2023.

- Reputable international and Canadian speakers on trending topics;
- More than 60 technical sessions, panels and workshops on a variety of subjects including the conference theme – Lessons in Leadership;
- Canada's premier transportation suppliers and services; and
- Transportation infrastructure technical tours.

Information on registration fees are listed below. Additional detailed information can be found at the following link: <https://www.tac-atc.ca/en/conference>

Registration	Full Registration (before June 27, 2023)	\$ 1,050 CAD
	Full Registration (after June 28, 2023)	\$ 1,250 CAD
Room Rates	Les Suites Hotel	from \$189 CAD
	The Westin Ottawa Hotel	from \$239 CAD
	Novotel Ottawa Hotel	from \$209 CAD

### **FINANCIAL IMPLICATIONS**

Expenses for these events are managed in accordance with County of Lambton Policy C00.03 Council Attendance at Conferences, Conventions, and Seminars, and are included in the 2023 Budget.

**CONSULTATIONS**

Not applicable.

**STRATEGIC PLAN**

This report conforms to Area of Effort #4 Progressive Organizational Culture: Creating an organizational culture that is capable of supporting the County's Vision and Mission by:

- Providing professional development opportunities that support staff and Council roles and responsibilities, individual growth, and build leadership capacity.
- Actively pursuing improvement, evidence-based practices, innovation and other supports that promote a learning and progressive organization.

**CONCLUSION**

Please contact Paula Stokes, Executive Assistant (519-845-0809 ext. 5344) or Jason Cole (519-845-0809 ext. 5413) prior to the early bird dates to express interest in attending any of the conferences noted above in order for arrangements to be made. For in-person conferences, hotel rooms need to be booked early to ensure a spot at or near the conference hotels.



## INFRASTRUCTURE & DEVELOPMENT SERVICES DIVISION

<b>REPORT TO:</b>	<b>CHAIR AND COMMITTEE MEMBERS</b>
<b>DEPARTMENT:</b>	<b>PUBLIC WORKS</b>
<b>PREPARED BY:</b>	<b>Matt Deline, P.Eng, Manager</b>
<b>REVIEWED BY:</b>	<b>Jason Cole, P.Eng., General Manager Stéphane Thiffault, Chief Administrative Officer</b>
<b>MEETING DATE:</b>	<b>April 20, 2023</b>
<b>SUBJECT:</b>	<b>Low-Speed Vehicles (LSV) Pilot Program</b>

### **BACKGROUND**

Low-speed vehicles (LSV) have previously been prohibited from operating within Ontario. Under a 10-year provincial pilot project ([O.Reg 215/17](#)) that began on July 1, 2017, LSV are permitted to operate within municipalities where a By-Law has been passed authorizing their use. The purpose of the pilot project is for the province to evaluate if LSV can be safely integrated into existing traffic and traffic rules. LSV are a new mobility choice that are low cost and environmentally friendly.

LSV are generally described as electric vehicles designed to run at a maximum speed of 40km/h and are typically used for short vehicle trips in an urban area. Operation of these vehicles are typically restricted to lower speed roads and are not permitted to operate on a highway.

In 2022, the City of Sarnia ('City') conducted a public engagement regarding a Low-Speed Vehicles Pilot Program. On November 21, 2022, an [open session report](#) was submitted to City Council for consideration permitting the use of LSV on specific City streets. [By-Law 97 of 2022](#) – A By-Law to Permit Low-Speed Vehicles to Operate on Municipal Roads' passed that same day.

Recently, the Village of Point Edward ('Village') has received a request to consider LSV in their municipality. With several County Roads serving as integral connections between these two communities, the report details the process to permit LSV to operate on these specific corridors along the County Road (CR) Network and align with the objectives of both municipalities.

**DISCUSSION**

Low-speed vehicles (LSV) have previously been prohibited from operating within Ontario. Under a 10-year provincial pilot project ([O.Reg 215/17](#)) that began on July 1, 2017, LSV are permitted to operate within municipalities where a By-Law has been passed authorizing their use. The purpose of the pilot project is for the province to evaluate if LSV can be safely integrated into existing traffic and traffic rules.

LSV are considered by many to be an environmentally friendly low-cost alternative to a full passenger vehicle. Under the provincial pilot program, to qualify and be registered the vehicle must meet the definition a Low-Speed Vehicle as defined in the Motor Vehicle Safety Act (Canada), and meet the requirements for low-speed vehicles set out in Schedule III to the Motor Vehicle Safety Regulations made under the Motor Vehicle Safety Act (Canada).

LSV must bear a Vehicle Identification Number, be compliant for windshield glazing requirements and have regulatory seatbelt assemblies for each factory installed seat.

In addition to the above noted requirements, the owner must complete and sign a Low-Speed Vehicle Registration Declaration form which states the owner acknowledge the low-speed vehicle pilot program, operating requirements under the pilot program and that low-speed vehicles have fewer safety features than a passenger vehicle. Vehicles must be registered at one of two specific Service Ontario locations, both located in the Toronto area. Drivers must also carry liability insurance in the amount of \$1M, medical and catastrophic insurance in the amount of \$1M and non-catastrophic insurance in the amount of \$65,000.

The operational constraints of LSV are also identified in the Regulation and are summarized as follows:

- Low speed vehicles drive at a maximum speed of between 32 km/h and 40 km/h and may not be modified to drive faster than 40 km/h
- Low speed vehicles are only allowed on roads with a speed limit of up to 50 km/h if permitted by municipal by-law, and are allowed to be driven through an intersection where the speed limit of the cross street is not greater than 80km/h
- Only LSVs that meet the federal motor vehicle standards for the low-speed vehicle class and have the compliance label affixed are eligible to participate in the pilot
- Slow moving vehicle sign must be attached to the rear of the vehicle
- Current Highway Traffic Act (HTA) rules apply to the driver/vehicle owner
- Drivers are required to have a full G class driver's license or higher
- Low speed vehicles are subject to Ontario's mandatory seat belt requirements
- The vehicle must not be driven while carrying a child passenger younger than eight years old
- The vehicle must not be driven while towing another vehicle or device
- The vehicle must not be driven while carrying any combustible fuel on or in the vehicle

- The vehicle must not be driven while carrying more occupants than the number of seats in the vehicle
- Low speed vehicles are prohibited from being used for an Ontario driver's license road test
- No sidecars or trailers are permitted for use on a low-speed vehicle

It is important to note that vehicles classified as LSV do not include golf carts or other off-road vehicles. Golf carts and off-road vehicles do not meet, nor could an individual modify them to meet, the requirements of the Regulation.

Since inception in 2017, Ontario municipalities were slow to adopt By-Laws to include the use of LSVs, but they have been gaining more momentum of late, as innovative uses begin to surface. In addition to the City of Sarnia permitting uses of LSV, Table 1 below summarizes other Ontario municipalities with LSV By-Laws.

**Table 1 – Summary of Ontario Municipalities with LSV By-Laws**

<b>Municipality</b>	<b>Date of Passage</b>	<b>Notes/ Exceptions</b>
Lambton Shores	April 13, 2021	<ul style="list-style-type: none"> <li>• First to pass in Lambton County</li> <li>• Early adopted on provincial level</li> <li>• Not formally adopted by County – municipal roads only</li> </ul>
Haldimand County	April 6, 2021	<ul style="list-style-type: none"> <li>• Also included provisions to include (electric) LSV in their fleet</li> </ul>
Norfolk County	June 15, 2021	
Ottawa	October 6, 2021	<ul style="list-style-type: none"> <li>• LSV being used by major delivery and parcel couriers</li> <li>• <a href="#">LSV Automated Shuttle Pilot</a></li> </ul>

Outside of Ontario, several municipalities in the provinces of British Columbia and Quebec permit LSV within their legislation.

The request to permit LSV on City and Village streets, and specific County roads, came from a local resident who wanted to start a new business utilizing the vehicles. Therefore, the City coupled the permitted uses of LSV with the City's Taxi [By-Law 19 of 2018](#), which requires registration with the Sarnia Police Services (SPS) and the requirement of \$2M in liability insurance, including passenger hazard.

Should the County permit use of LSV via By-Law, the registration requirements outlined in the City By-Law would be replicated in the County By-Law.

Lambton County Public Works is recommending that the County of Lambton opt into the LSV program, exclusively for the purpose of business or commercial use at this time.



Therefore, in order to obtain the rights of passenger conveyance, in addition to conforming with the requirements under Ontario Regulation 215/17, users must also register with Sarnia Police Service per the City's Taxi By-Law. This will align with the permitting requirements outlined by the City.

The By-Law would prohibit operation of LSV on roads under the jurisdiction of the County of Lambton with the exception of those listed in Table 2 and displayed in the attached map.

**Table 2 – Summary of County Roads for Permitted use of LSV**

<b>County Road (CR) Number</b>	<b>County Road Name</b>	<b>From Road</b>	<b>To Road</b>
CR 7	Christina Street N.	Michigan Road	Cathcart Boulevard
CR 19	Michigan Avenue	Venetian Boulevard	Christina Street N.
CR 24	Venetian Boulevard	Exmouth Street	Alexandra Avenue
CR 33	Front Street	London Road	Michigan Avenue

The County Staff will coordinate communication through the City and Village Staff to ensure that appropriate information is being conveyed to the public with respect to LSV and how they are permitted to operate.

### **FINANCIAL IMPLICATIONS**

There are no financial implications foreseen to the County currently. Enforcement will be the responsibility of the local police services through the Highway Traffic Act and the City of Sarnia's Taxi By-Law.

### **CONSULTATIONS**

County Legal Department, Ontario Provincial Police (OPP), Village of Point Edward, City of Sarnia staff and the public (via City of Sarnia's Reporting) were consulted as part of this report.

### **STRATEGIC PLAN**

Application of Area of Effort #3: Community Development - Capitalizing on opportunities that enrich the quality of life and future prospects of the community by:

- Promoting policies and strategies that protect environmental resources and support the area's quality of life and economic development potential, allowing us to pass these resources on intact to future generations.

- Actively pursuing joint opportunities with community partners that contribute to the long-term growth and well-being of the Lambton community.
- Implementing and strengthening of the County's sustainability plan.
- Developing policies and practices that bolster and safeguard municipal infrastructure.
- Undertaking environmentally conscious initiatives that protect and enhance woodlots, manage the county's natural heritage features, and target waste reduction, energy conservation and reduction, and the use of the sustainable technologies and processes.

**CONCLUSION**

In conclusion, County Public Works is recommending that the County of Lambton opt into the LSV program, exclusively for the purpose of business or commercial use at this time for the following County Roads within the City and the Village:

- CR 7 – Christina Street N. from Michigan Avenue to Cathcart Boulevard
- CR 19 – Michigan Avenue from Venetian Boulevard to Alexandra Avenue
- CR 24 – Venetian Boulevard from Exmouth Street to Alexandra Avenue
- CR 33 – Front Street from London Road to Michigan Avenue

To obtain the rights of passenger conveyance, in addition to conforming with the requirements under LSV Ontario Regulation 215/17, users must also register with Sarnia Police Service per the City's Taxi By-Law. This will align with the permitting requirements outlined in the City By-Law. The Village of Point Edward has confirmed intentions to pursue similar particulars within the Village's By-Law.

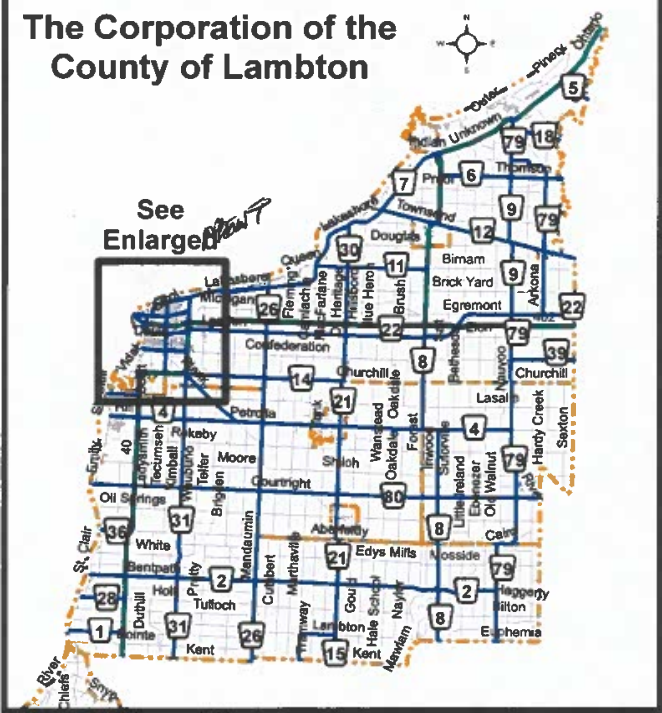
**RECOMMENDATIONS**

- a) That Staff present a By-Law to County Council to permit the use of low-speed vehicles (LSV) on specific County Roads in the City of Sarnia and Village of Point Edward; and**
- b) That County Council restrict the permitted use of LSV on County Roads in the City of Sarnia and Village of Point Edward to business and commercial purposes for passenger transport or delivery services.**



# County of Lambton Permissible County Roadways for Low-Speed Vehicle Use - Figure 1

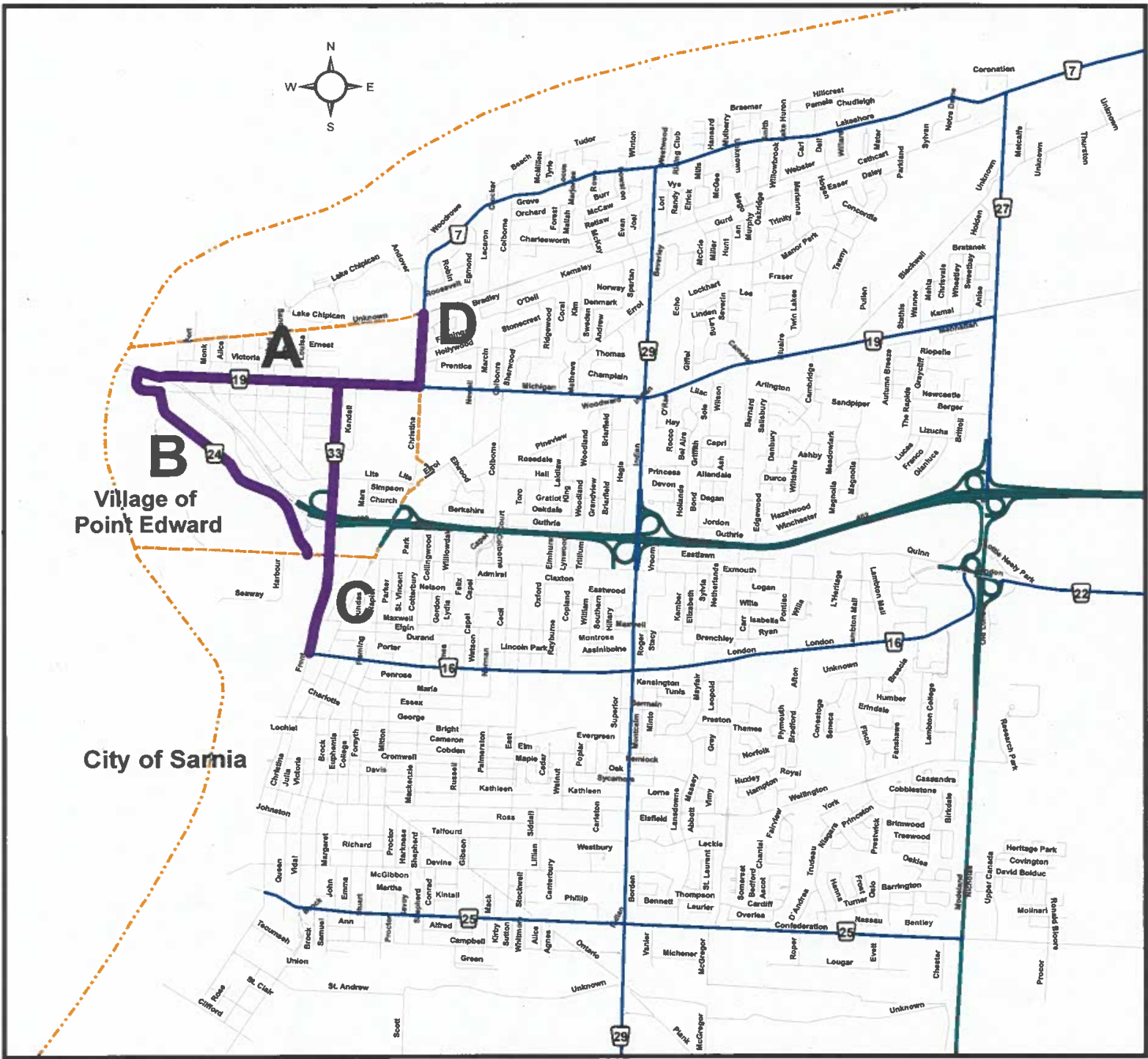
The Corporation of the  
County of Lambton



## Proposed Permissible Low-Speed Vehicle County Roadway Limits

- A** County Road 19 (Alexandra Avenue / Michigan Avenue)  
From County Road 24 (Venetian Blvd.) to County Road 7  
(Christina Street N. / Lakeshore Road)
- B** County Road 24 (Venetian Boulevard)  
From Exmouth Street to County Road 19 (Alexandra Avenue /  
Michigan Avenue)
- C** County Road 33 (Front Street)  
From County Road 16 (London Road) to County Road 19  
(Michigan Avenue)
- D** County Road 7 (Christina Street N. / Lakeshore Road)  
From County Road 19 (Michigan Road) to Cathcart Boulevard)

*in ADJUST POLES/COLUMNS,  
BUT THIS BASICALLY IT ??*



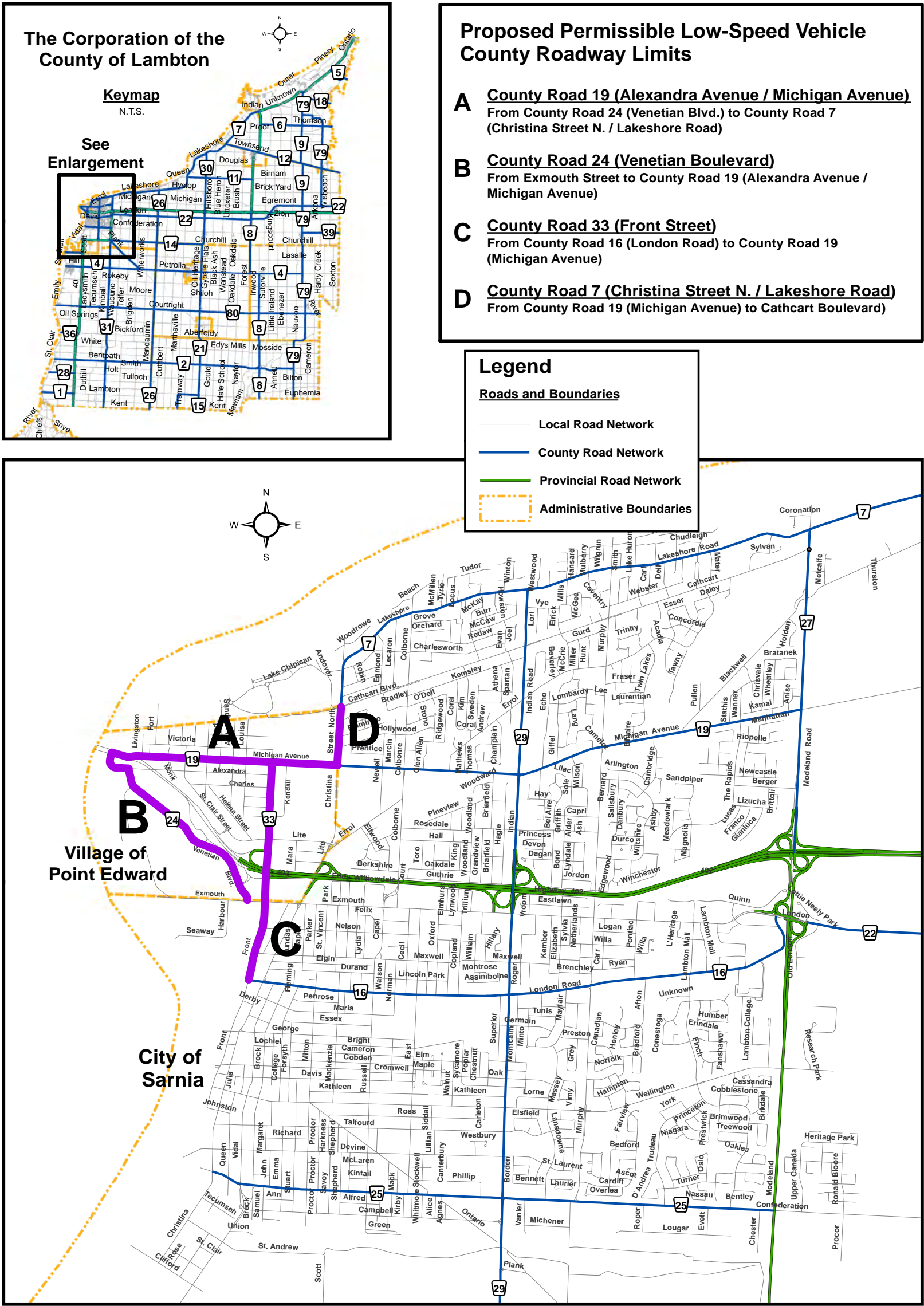
April 2023





# County of Lambton

## Permissible County Roadways for Low-Speed Vehicle Use - Figure 1



April 2023



## PUBLIC HEALTH SERVICES DIVISION

<b>REPORT TO:</b>	<b>CHAIR AND COMMITTEE MEMBERS</b>
<b>DEPARTMENT:</b>	<b>EMERGENCY MEDICAL SERVICES</b>
<b>PREPARED BY:</b>	<b>Stephen Turner, Manager</b>
<b>REVIEWED BY:</b>	<b>Andrew Taylor, General Manager Stephane Thiffeault, Chief Administrative Officer</b>
<b>MEETING DATE:</b>	<b>April 20, 2023</b>
<b>INFORMATION ITEM:</b>	<b>2022 Ambulance Response Times</b>

### **BACKGROUND**

Under the *Ambulance Act* (Ontario Regulation 368/10 as consolidated into O. Reg 257/00) the Ministry of Health (MOH) requires ambulance service delivery agents to adopt municipally developed response time plans for cardiac arrest patients and Canadian Triage Acuity Scale (CTAS) 1, 2, 3, 4 and 5 patients receiving emergency responses. These response time plans are submitted on an annual basis to the MOH and are reviewed and monitored by staff throughout the year. Lambton Emergency Medical Services (Lambton EMS) has adopted the same response time targets as its peers in other comparable urban / rural EMS services in Ontario.

Lambton EMS Ambulance Response times were last reported to County Council through the Committee A.M. Report dated May 18, 2022 - *2021 Ambulance Response Times*.

### **DISCUSSION**

In June 2022, Lambton EMS added 12 hours of ambulance coverage between the hours of 10:00 am and 10:00 pm, as approved by County Council. The effect of the service enhancement was to reduce ambulance “stand-by” coverage movement of crews from other areas in the county. While this did not significantly impact response times, it had improved availability of crews within the areas where they are normally stationed and helped to decrease system busyness. However, the service continues to face challenges with day-to-day staffing due to industry-wide health human resource shortages and part-time staff availability. Management is actively recruiting for new staff and working with its union partners in attempts to resolve some of these issues.

For 2022, the County of Lambton submitted to the MOH the following Response Time Standard Performance Plan (Table 1). It is noted that, for 2022, Lambton EMS continued to successfully meet and perform better in all response time targets. The response times for 2022 are consistent with the response times posted for 2021,

indicating relative stability and consistency of service delivery to those requiring EMS response in Lambton County.

Table 1. 2022 Lambton EMS Response Time Performance vs. Target

Response Level*	Response Time Target (time in min from paramedic notification to arrival on scene)	Target (%)	Actual (%) 2022
Sudden Cardiac Arrest	Defibrillator Response in <b>Six (6) minutes</b> **	45%	54%
CTAS 1***	Paramedic Response in <b>Eight (8) minutes</b>	60%	75%
CTAS 2	Paramedic Response in <b>Ten (10) minutes</b>	70%	79%
CTAS 3	Paramedic Response in <b>Ten (10) minutes</b>	65%	75%
CTAS 4	Paramedic Response in <b>Twelve (12) minutes</b>	70%	83%
CTAS 5	Paramedic Response in <b>Fifteen (15) minutes</b>	80%	91%

\*Response level can only be determined after patient contact has been made.

\*\* Ambulance arrival only

\*\*\* See Appendix 1. for explanation of CTAS criteria

Although Lambton EMS has continued to meet its response time targets year-on-year, response times have been increasing and this is noted within Table 2 below. At this time, while staff do not believe this creates any risk to those needing ambulance services in the County, it is important to note this trend so that planning and mitigative measures can start to be undertaken.

Table 2. Lambton EMS Response Time Performance Trends Over Past 5 Years

Response Level	Target Goal (%)	2018 Actual	2019 Actual	2020 Actual	2021 Actual	2022 Actual
Sudden Cardiac Arrest	45%	60%	61%	59%	54%	54%
CTAS 1	60%	77%	77%	78%	78%	75%
CTAS 2	70%	84%	84%	83%	81%	79%
CTAS 3	65%	80%	80%	77%	76%	75%
CTAS 4	70%	87%	88%	86%	83%	83%
CTAS 5	80%	93%	93%	93%	92%	91%

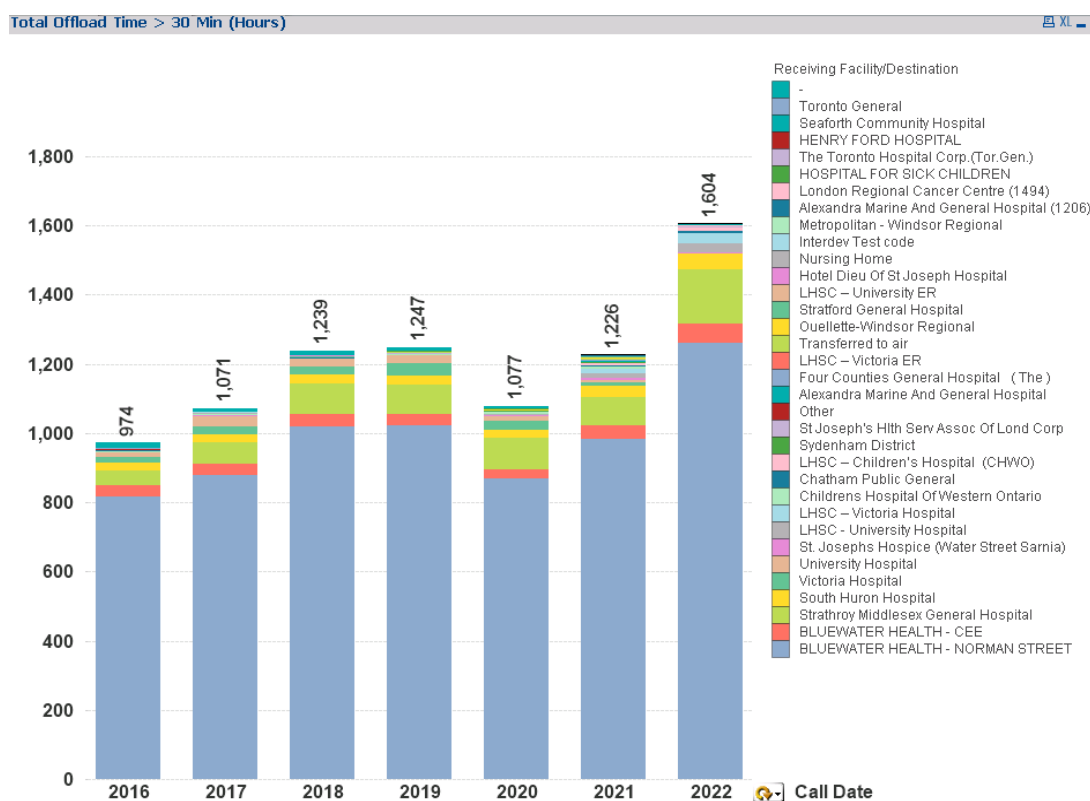
Since 2014, Lambton EMS service levels have remained mostly unchanged, save for the addition of 12 hours of service coverage last summer. At the same time, demand for service has increased an average of 6% per year over the past 5 years. Additional pressures, such as an aging population and an increase in time spent awaiting patient transfer of care in the hospital emergency departments (Fig. 1) has consumed some of the EMS system capacity. This has resulted in decreased ambulance availability and longer response times. Staff are currently reviewing deployment patterns and working with area hospitals to identify immediate opportunities for further optimizing the response system.



Fortunately, Lambton-area hospitals have been quite efficient to date in minimizing ambulance offload times as compared to other regions in the province. This is a credit to the efforts of Bluewater hospital staff in recognizing the importance of ensuring paramedic crews can be quickly returned to service to service. Offload delays are not a significant pressure to the ambulance service at this time but continuous monitoring and maintaining a strong working relationship with hospital partners will be essential to avoiding this from becoming a system stressor in the future.

Eventually, additional resources will need to be added to the system to accommodate service demand, however, that is not anticipated to be required in the immediate term.

Fig 1. Lambton EMS Cumulative Time Spent in Offload Delay in Emergency Department (mins)



As can be seen in the following graphs, the addition of the daytime ambulance in the City of Sarnia has helped to decrease average response times to potentially life-threatening emergencies (Fig. 2) as well as increase the proportion of calls that were serviced within 11 minutes. However, while the proportion of calls serviced within 11 minutes for urgent but non-life threatening emergencies (Fig. 3), response times continue to increase.

Fig. 2 Code 4 response times

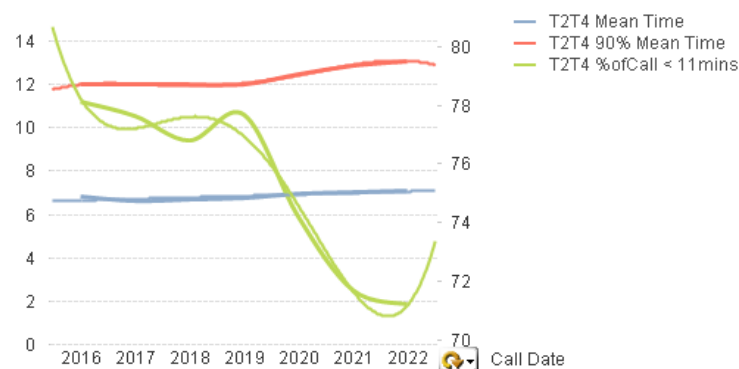
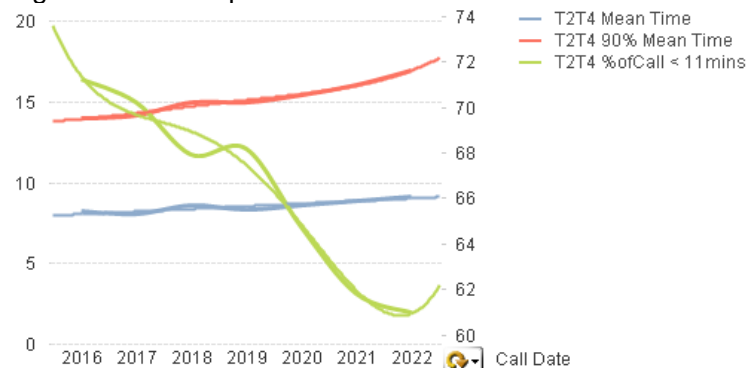


Fig. 3 Code 3 response times



Staff are currently evaluating practices involving the movement of ambulances to 'standby' locations in order to improve response times. As part of this analysis, staff are also reviewing whether the base station locations may need to be adjusted to address increasing demands for service. Staff will be reporting back to County Council by June 2023 with an updated Master Plan for EMS, which will include call demand forecasting and service change recommendations.

## **FINANCIAL IMPLICATIONS**

All costs associated with the provision of Emergency Medical Services are eligible for up to 50/50 cost-share funding from the Ministry of Health.

## **CONSULTATIONS**

In preparation of this report, staff consulted the Ambulance Dispatch Reporting System (ADRS) dataset.

**STRATEGIC PLAN**

The response time performance plan submitted to the Ministry of Health outlines a key performance metric of Emergency Medical Services in Lambton County and demonstrates the responsive and efficient provision of service which meets the current needs for the safety of residents.

**CONCLUSION**

For 2022, the EMS department continued to meet or bettered all response time targets. Staff will continue to make process improvements to balance emergency coverage and reduce response times, wherever possible.

**Appendix 1.**

The Canadian Triage Acuity Scale (CTAS) was first developed for use in Canadian hospital emergency departments (ED) as a tool to help define a patient's need for care. Patients are triaged using CTAS to ensure that they are managed based on their need for care (e.g. sickest patients are seen first).

**Level 1 (Resuscitation):** Conditions that are considered threats to life or limb or have an imminent risk of deterioration requiring immediate aggressive interventions.

**Level 2 (Emergent):** Conditions that are a potential threat to life, limb or function requiring rapid medical interventions and the use of condition specific controlled medical acts. These patients have serious illness or injury and have the potential for further deterioration that may then require resuscitation.

**Level 3 (Urgent):** Conditions that could potentially progress to a serious problem requiring emergency interventions. May be associated with significant discomfort or affect ability to function at work or activities of daily living. These patients have normal vital signs, but their presenting problem suggests a more serious acute process.

**Level 4 (Less Urgent):** Conditions that relate to patient age, distress, potential for deterioration or complications that would benefit from intervention or reassurance. These patients will typically have stable vital signs and lower pain scales. The potential seriousness of their problem based on the chief complaint is not as acute.

**Level 5 (Non-Urgent):** Conditions that may be acute but non-urgent as well as conditions which may be part of a chronic problem with or without evidence of deterioration. These are truly minor complaints that do not pose any immediate risk to the patient.



## PUBLIC HEALTH SERVICES DIVISION

<b>REPORT TO:</b>	<b>CHAIR AND COMMITTEE MEMBERS</b>
<b>DEPARTMENT:</b>	<b>EMERGENCY MEDICAL SERVICES</b>
<b>PREPARED BY:</b>	<b>Stephen Turner, Manager</b>
<b>REVIEWED BY:</b>	<b>Andrew Taylor, General Manager Stéphane Thiffeault, Chief Administrative Officer</b>
<b>MEETING DATE:</b>	<b>April 20, 2023</b>
<b>INFORMATION ITEM:</b>	<b>2022 Ambulance Service Review</b>

### **BACKGROUND**

The Ministry of Health (MOH) is responsible for oversight, licensing, and service reviews of Emergency Medical Services. Ambulance services in the province undergo a Service Review by the Ministry of Health's Emergency Health Regulatory and Accountability Branch every three years, or as deemed necessary by the Branch. Under the legislative authority of the Ambulance Act of Ontario and Ontario Regulation 257/00 an ambulance service shall require a certificate issued by the MOH.

In May 2022, Lambton EMS underwent the provincial Ambulance Service Review and was successful in achieving a renewal to its operating certificate for the next three years.

The purpose of this report is to update County Council on the results and findings of the Ministry of Health's service review.

### **DISCUSSION**

Last spring, Lambton EMS participated in the required Ambulance Service Review. These reviews are focused on all aspects of service operation including compliance with the mandated patient care, equipment, and documentation, and communicable disease standards for ambulance services. To meet certification standards, a Service Provider must meet two thresholds:

1. 90%+ for Patient Care (which represents 70% of the overall inspection)
- AND
2. 90%+ overall (Patient Care 70%, Quality Assurance 70%, Administration 10%)

Normally, service reviews are conducted on-site and involve an in-person review of patient care reports, staff and equipment documentation, evaluations of cleanliness and

readiness of patient care equipment and vehicles, and direct observation of patient care activities. Due to COVID-19, all in-person site visits scheduled by the inspection teams were paused and remote evaluations were performed, instead. For this review, Lambton EMS provided electronic access to the review team for necessary documentation and participated in interviews with the review team lead.

A preliminary draft report was provided to Lambton EMS for review and comment in August 2022 which identified that Lambton EMS had **met and passed** the Certification Review Standard and successfully completed the requirements for renewal of its operating certificate. Council will recall that a brief update was provided in September 2022 to information that the Ministry of Health was delayed in sending Lambton's final Ambulance Service Review report. The review team provided Lambton EMS with a total of six (6) observations and/or recommendations for improvement in service delivery, as identified below:

- a. Three (3) instances where the Service was not always able to provide proof that updates or changes to standards, legislation or policies had been communicated to all active staff.
- b. One (1) instance where the Service was unable to provide an immunization certificate for a staff member that had a physician's signature on it.
- c. Minor instances where information submitted was not sufficient to provide verification that incident reports were successful transmitted to the Ministry field office.
- d. That the Service was not able to fully staff its scheduled ambulances for all shifts due to staffing shortages.

The review team commended Lambton EMS for its overall compliance with patient care standards, quality assurance and training programming, collaboration with sector partners such as the regional base hospital, operating condition and cleanliness of the fleet and patient care equipment, and its ability to meet its response time targets under the Response Time Performance Plan.

Staff immediately implemented measures in response to the observations and recommendations to ensure continued compliance with the Standards. These measures included process changes to ensure verification of understanding by front line staff of all training material and policy changes. Steps continue to be taken to improve staffing shortages including hiring of additional part-time staff to backfill full-time staff vacations, leaves and sick time.



**FINANCIAL IMPLICATIONS**

There are no financial implications arising from the Ambulance Service Review. Remediation of most of the items identified for improvement are underway and easily corrected within Lambton EMS' 2023 approved budget.

**CONSULTATIONS**

The lead investigator for the Ministry of Health Emergency Health Regulatory and Accountability Branch was consulted in the preparation of this report.

**STRATEGIC PLAN**

The Ambulance Service Review conducted by the Ministry of Health provides important oversight of the deliverables of Emergency Medical Services in Lambton County and has demonstrated the responsive and efficient provision of service which meets the current needs for the safety of residents.

**CONCLUSION**

Lambton EMS has successfully passed its 2022 Ambulance Service Review and had its operating certificate renewed, without conditions, for another three years. Lambton EMS will continue to take steps to maintain strong and reliable emergency response to the County of Lambton, in compliance with the standards set by the Ontario Ministry of Health.



## CULTURAL SERVICES DIVISION

<b>REPORT TO:</b>	<b>CHAIR AND COMMITTEE MEMBERS</b>
<b>DEPARTMENT:</b>	<b>CULTURAL SERVICES DIVISION</b>
<b>PREPARED BY:</b>	<b>Andrew Meyer, General Manager Laurie Webb, Manager, Museums, Gallery &amp; Archives</b>
<b>REVIEWED BY:</b>	<b>Stéphane Thiffeault, Chief Administrative Officer</b>
<b>MEETING DATE:</b>	<b>April 20, 2023</b>
<b>INFORMATION ITEM:</b>	<b>Lambton Heritage Museum – Status Update on Exhibition Gallery Renovations</b>

### **BACKGROUND**

In April 2022, Committee A.M. received a report outlining planned renovations to the Lambton Heritage Museum exhibition gallery and other related facility improvements, and received a follow up report in October 2022 updating Council on the status of renovation work.

This report provides a review of the renovation project led by 17/21 Architects Ltd. and Elgin Contracting and Restoration Ltd., which achieved substantial completion in early March of 2023. It also outlines the work to be completed over the next several weeks by museum staff to install the new museum exhibition and prepare for re-opening to the public.

### **DISCUSSION**

The renovation work completed to date has included a complete re-design of the permanent and temporary exhibition galleries to modernize standards and increase energy efficiency of the overall building. This involved minor demolition and abatement, construction, mechanical and electrical changes to suit the new layout, the replacement of original exterior doors and emergency exits, exterior wall insulation, and replacement of gallery lighting, audio, and public announcement systems. The space created a new permanent exhibition gallery and multi-purpose rooms, including new millwork for custom display cases, display walls and plinths, accessibility improvements, and room-dividing walls to create dedicated spaces for community use, temporary exhibitions, and programming.

In the previous report to Council, it was anticipated that this work would be completed by late November. However, the contractor experienced significant delays with the delivery of materials and resulting scheduling of work, which impacted the renovation timeline and

pushed the completion date into early March. Before and after images of the completed exhibition gallery and multi-purpose rooms have been included below for reference. The images demonstrate the significant impact resulting from the removal of the drop ceiling and vinyl flooring, improved accessibility of the gallery layout, and enhanced gallery lighting and display cases.

With the renovated space now turned over to museum staff, the new exhibition is currently being installed over a 12-week period, in anticipation of re-opening to the public in early June. The development of the exhibition has involved years of consultation with community partners, including engagement with local Indigenous knowledge keepers, archaeologists, historians, and community agencies. The resulting exhibition will explore the theme of 'Changing Communities' in Lambton, tracing the fascinating history of adaptation and innovation that has shaped the story of Lambton County. This has included the development of new displays, interpretation, programming and inter-active activities for the museum. The exhibit will include select artifacts from the museum collection related to themes of biodiversity, archaeology, Indigenous communities, early European settlement, the importance of waterways, agriculture, military history, transportation, businesses and industries, engineering, arts and culture, leisure and more.

Over the course of the renovation period, the Lambton Heritage Museum has remained open to the public with access to the on-site historic buildings being maintained, as well as access to smaller exhibitions in the museum lobby and collections centre, and access to the Woodland Heritage Trail on the property. Staff look forward to welcoming the community back to experience this revitalized space in June and share in celebrating the rich history of Lambton County.

### **FINANCIAL IMPLICATIONS**

None. As reported previously, this capital renovation project is funded entirely through grant sources secured, a significant private bequest designated for exhibition renewal, and available reserves established as part of the ten-year facility renewal project.

### **CONSULTATIONS**

The coordination of this project included the professional consultation of R. J. Burnside & Associates Ltd. for the building condition assessment and energy audit to inform renovation priorities, and Mauricio Bernal, Principal, 17/21 Architects Inc. and his team for the development of architectural plans for the project. Design of the exhibition and multi-use spaces included consultation with partners and community organizations. Internal consultations included those with the Procurement and Project Management Departments, Finance Coordinator, Manager, Museums, Gallery & Archives, Curator/Supervisor, Lambton Heritage Museum and museum staff.

**STRATEGIC PLAN**

The current phase of the Lambton Heritage Museum renovation project aligns with several priorities identified in the County of Lambton's Strategic Plan, including *Area of Effort 3, Community Development*. This project makes available cultural services that contribute to Lambton's goal of being a learning community and undertakes environmentally conscious initiatives including energy conservation and reduction, as well as developing policies and practices that bolster and safeguard municipal infrastructure. The project also aligns with the Cultural Services Division's Strategic Plan, 2022-2026, *Strategic Direction 2: Creating & Delivering Great Experiences* and more specifically 2.20 to "*continue to invest in cultural services facilities (asset renewal), visitor amenities, and the interpretation of historical features and buildings.*"

**CONCLUSION**

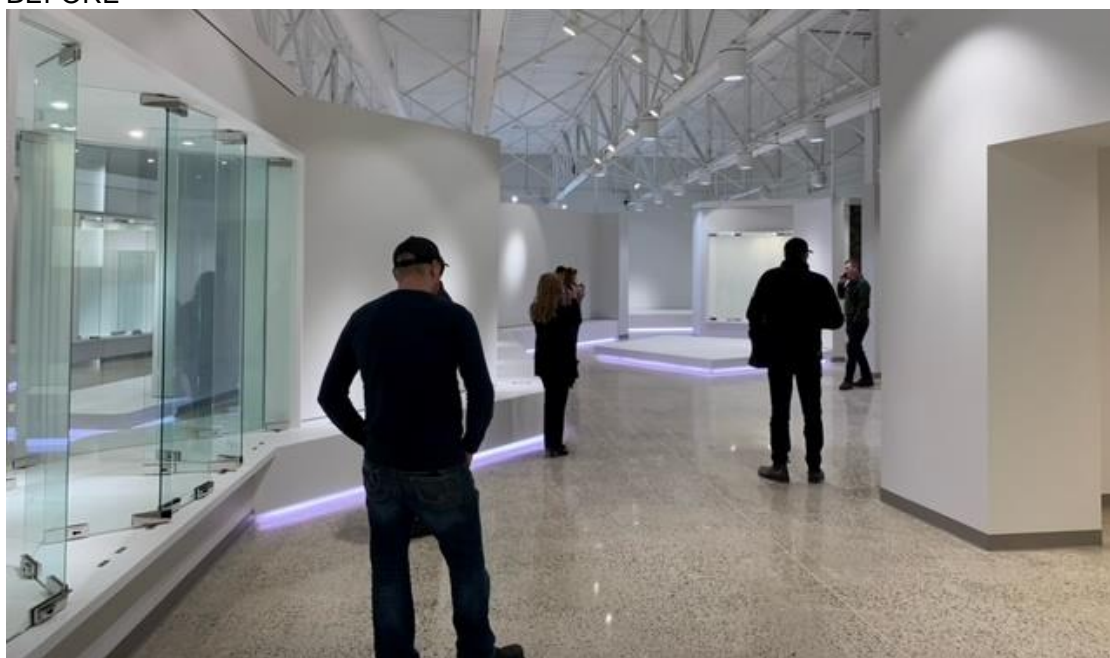
The continued investment in the ten-year renewal program for the Lambton Heritage Museum facility has preserved the important story of how the County has developed and adapted in the face of adversity over time, and will ensure that the museum continues to serve the needs and interests of the community. This renovation project has addressed a number of building deficiencies identified through previous building condition assessment and energy audit studies, while also addressing strategic planning priorities related to exhibitions. The investment will support Corporate asset renewal commitments, improve energy efficiency, address failing building systems at the end of their life cycle, and better position the museum to respond to the evolving expectations of residents and visitors.

Lambton Heritage Museum – Status Update on Exhibition  
Gallery Renovations (page 4)

April 20, 2023



BEFORE



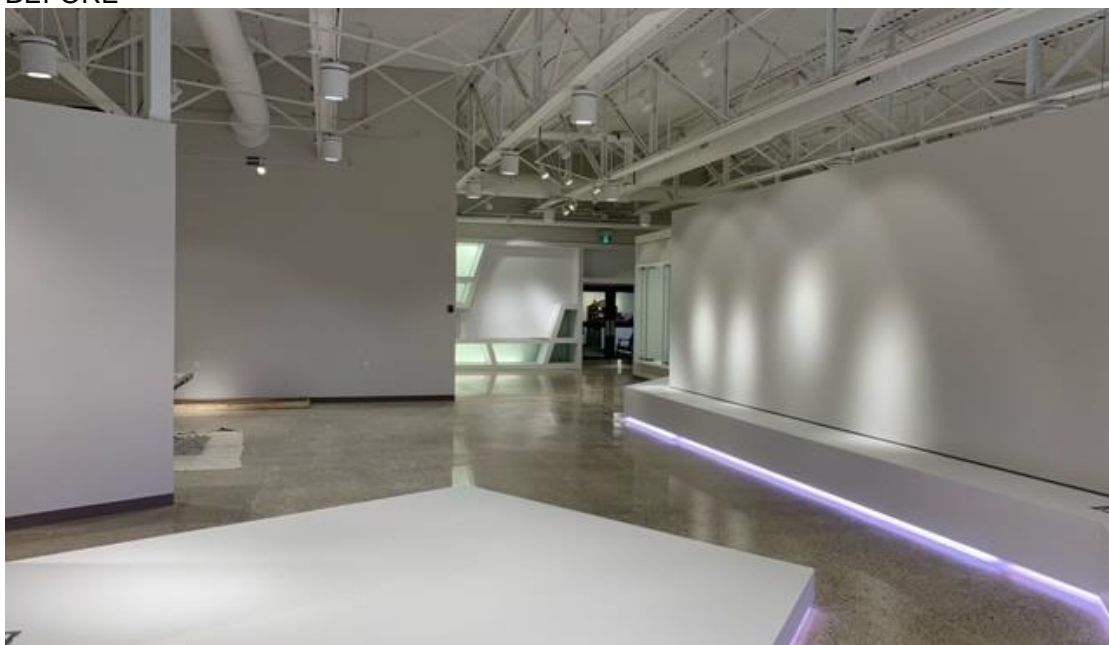
AFTER

Lambton Heritage Museum – Status Update on Exhibition  
Gallery Renovations (page 5)

April 20, 2023



**BEFORE**



**AFTER**

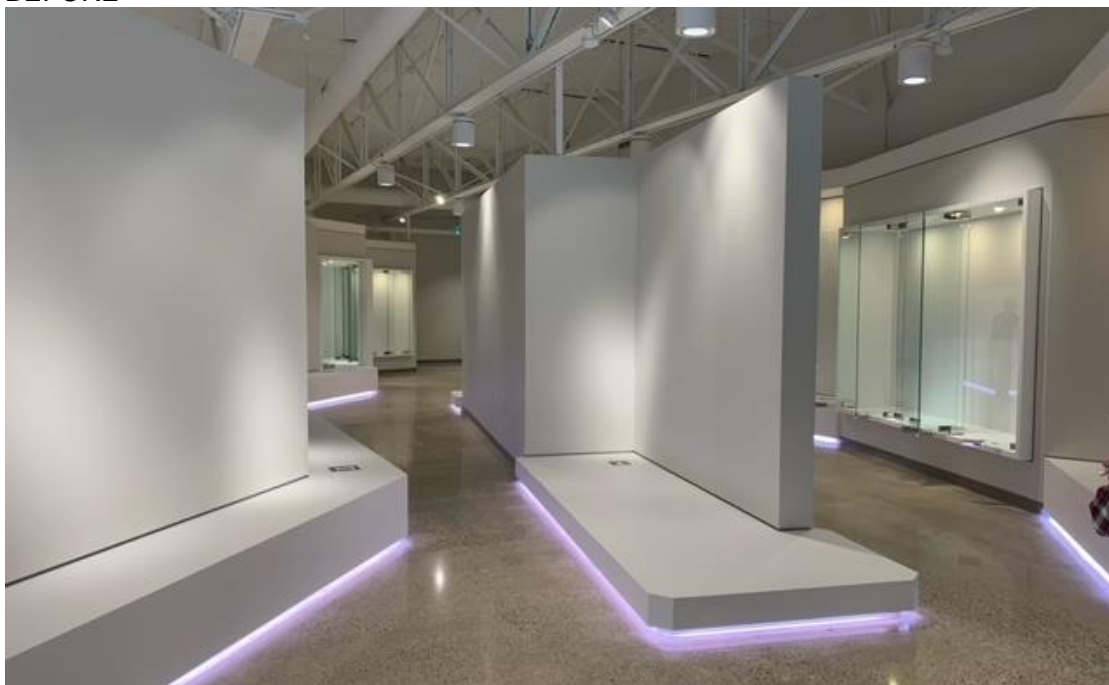


Lambton Heritage Museum – Status Update on Exhibition  
Gallery Renovations (page 6)

April 20, 2023



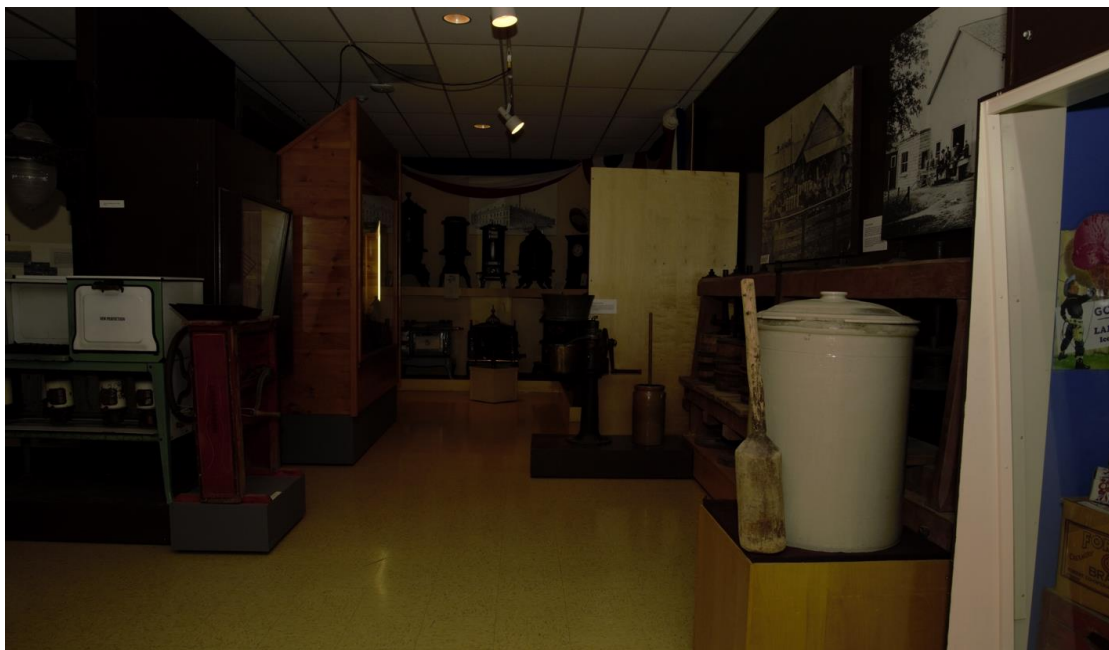
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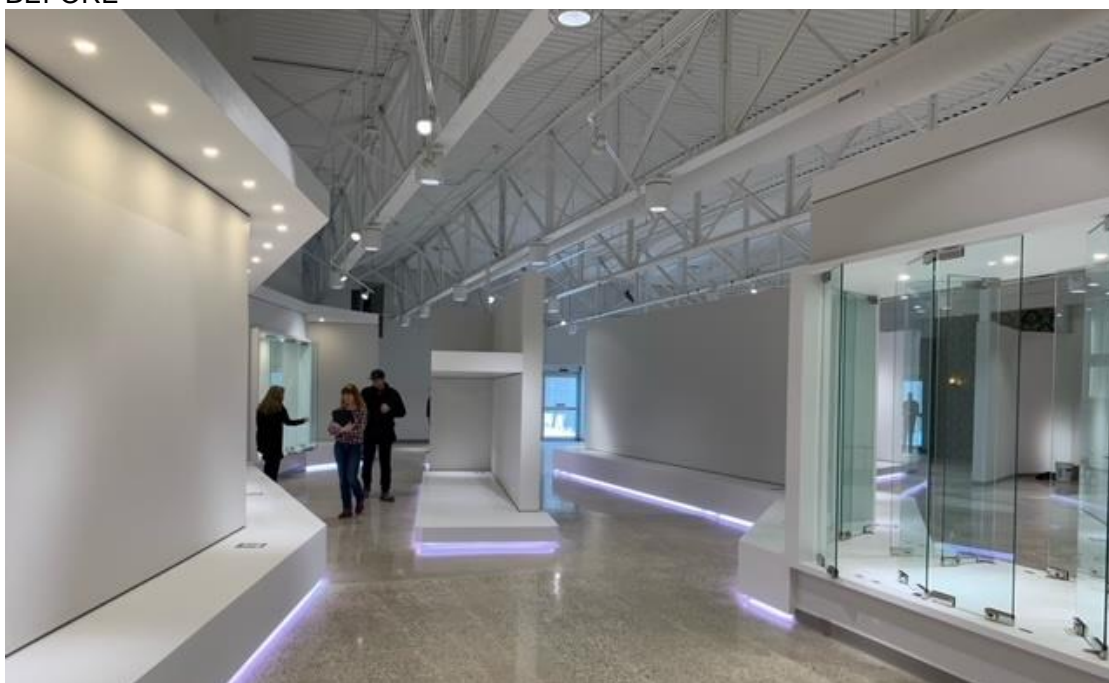
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Lambton Heritage Museum – Status Update on Exhibition  
Gallery Renovations (page 7)

April 20, 2023



BEFORE



AFTER



## CULTURAL SERVICES DIVISION

<b>REPORT TO:</b>	<b>CHAIR AND COMMITTEE MEMBERS</b>
<b>DEPARTMENT:</b>	<b>MUSEUMS, GALLERY AND ARCHIVES</b>
<b>PREPARED BY:</b>	<b>Laurie Webb, Manager</b>
<b>REVIEWED BY:</b>	<b>Andrew Meyer, General Manager Stéphane Thiffeault, Chief Administrative Officer</b>
<b>MEETING DATE:</b>	<b>April 20, 2023</b>
<b>SUBJECT:</b>	<b>Museums, Gallery &amp; Archives Collections Management, January and February 2023</b>

### **BACKGROUND**

The Manager, Museums Gallery & Archives reviews donations to Lambton Heritage Museum, Oil Museum of Canada, Judith & Norman Alix Art Gallery, and Lambton County Archives to ensure they align with the mandate of each facility and serve to enhance the respective collections of each site.

As the governing body of the Museums, Gallery & Archives, Committee A.M. must review all artifact and art donations offered to these facilities and approve their acceptance into the permanent collection, after consideration of the recommendations of the Manager, Museums, Gallery & Archives. The following list of donations is from the month of January and February 2023.

### **DISCUSSION**

#### **Recommended for Acceptance**

The table below lists items recommended for acceptance that have been offered for donation to Lambton Heritage Museum, Oil Museum of Canada, Judith & Norman Alix Art Gallery, and Lambton County Archives.

<b>Institution</b>	<b>Details</b>	<b>Donor</b>	<b>City</b>
Lambton County Archives	18 school textbooks dating back to the late 1800s from the Fairbank family.	Charlie Fairbank	Oil Springs
Lambton County Archives	1912 grocery store ledgers from Petrolia and ledger records from Bishop Brothers Grocery Store circa 1950s.	Tom Walter	Petrolia

Lambton County Archives	A collection of eight volumes plus associated information of Sarnia postmarks and business stationary 1907 to 1991.	Charles Addington	London
Lambton County Archives	Collection of photos and family information pertaining to the Dewar, Berry, McPhedran, and McElroy families of Lambton County.	Mac Redmond	Sarnia
Lambton County Archives	Collection of three original Sarnia Canadian Observer recipe books from the 1950s.	Irene Richards	Wyoming
Lambton County Archives	Donation of 1927/28 Petrolia high school yearbooks; bookkeeping course test; and panoramic photo; 1924 Petrolia elementary class; Dow Chemical telephone directory; Sarnia Collegiate photo circa 1959; Sarnia harbour photos circa 1929.	Michael Skelton	Waterloo
Lambton County Archives	Family history, including photos of McGregor, McCallum, Leckie, Pretty, and James families.	Carol Leckie	Petrolia
Lambton County Archives	One binder of 19 tintypes and 6 carte de visite photographs featuring Lambton County individuals, some identified.	Leslie Palimaka	Camlachie
Lambton County Archives	One framed lithograph print "Petrolia: From the Town Derrick" circa 1877.	Ron Van Horne	Forest
Lambton County Archives	One graphite sketch of old Sombra Library by Maggie McRae and a photo of Sombra Library, 1953.	Elizabeth MacDonell	Port Lambton
Lambton County Archives	Retired Teachers material: Interviews of teachers 90+ and 80+; Coronavirus Pandemic Journal from donor dated 21 Jan 2020 to 30 Dec 2022; article on Lillian Saulter.	Alan Campbell	Sarnia
Lambton County Archives	Two framed prints of the Bluewater Bridge.	Roger Gallaway	Sarnia
Lambton Heritage Museum	Antique cameras including Polaroid OneStep600; Brownie Movie Camera Model 2; Brownie Junior Six-16; Brownie Target Six-20; Kodak Jr. No. 2-C Autographic.	Jim Gadsden	Thedford
Lambton Heritage Museum	Blue dress and white petticoat owned by Rubina (Margaret) Purdie of Euphemia Township.	Patricia Evans	Petrolia

Lambton Heritage Museum	Exam room table; medical certificates (5); microscope and case that belonged to a local doctor, Dr. James Roberts.	Martin Withers	Plympton-Wyoming
Lambton Heritage Museum	Infant weight scale from office of Dr. Laurence Gibbs, who practiced in Thedford.	Ellen Gibbs	Lambton Shores
Lambton Heritage Museum	Large rolling pin from the Jamieson candy store in Sarnia; washboard from the Janes farm (mid-1800s); spittoon from the CNR station in Sarnia; skates owned by Paul Janes.	Paul Janes	Warwick
Lambton Heritage Museum	Painting of the Blue Water Bridge by local artist Flora Campbell, once hung in the Bridge Tavern in Point Edward.	Anton Heacock	Gatineau
Lambton Heritage Museum	Plant stand, washstand, and dresser made by Warwick carpenter John McElroy in the mid-1800s.	Mac Redmond	Sarnia
Oil Museum of Canada	Wiek Nafty – Final publication of oil conference papers for Polish oil conference, for reference collection.	Ignacy Łukasiewicz Oil and Gas Industry Museum	Bóbrka, Poland

## Recommended for Refusal

Many items are offered to the Museums, Gallery & Archives for donation. Items are reviewed for fit within the collecting mandate at the respective sites, whether they are already represented in the collection, and what condition the object is in prior to acceptance into the permanent collection. The list below outlines objects which were offered for donation and are recommended for refusal.

Institution	Details	Reason for Refusal	Donor
Judith & Norman Alix Art Gallery	34 works by various artists.	Works do not align with collection mandate.	Pascale Daigneault and Carl Fleck
Lambton County Archives	Buttons for multiple Sarnia-Lambton political figures.	Outside collection mandate. Passed to LHM.	Roger Gallaway
Lambton County Archives	Multiple objects pertaining to the Bluewater Bridge.	Outside collection mandate. Referred to LHM.	Roger Gallaway
Lambton Heritage Museum	Antique furniture; hat collection; lamps.	No local provenance.	Tim Brooks
Lambton Heritage Museum	Knife found buried on beach at Lake Huron.	Outside collection mandate.	

Lambton Heritage Museum	Bassinet; highchair; vaporizer.	Duplicates of objects already in collection and no local provenance.	John MacIntosh
Oil Museum of Canada	Lithograph of first well.	Duplicate of object already in collection.	
Oil Museum of Canada	Manual typewriter.	Outside collection mandate. Referred to LHM.	
Oil Museum of Canada	Sketches by Richard Garner of oil fields.	Duplicate of objects already in collection. Referred to LCA.	Mark Butler

**FINANCIAL IMPLICATIONS**

None.

**CONSULTATIONS**

None.

**STRATEGIC PLAN**

The ongoing collection and preservation of local heritage artifacts and Canadian art supports the County of Lambton's Strategic Plan's Principles and Values of a Healthy Community by "*providing a host of cultural and lifestyle services while understanding and respecting the environment.*"

**CONCLUSION**

Artifact donations to the Museums, Gallery & Archives demonstrate ongoing public support of the facilities and a keen interest in preserving the local and community history of Lambton County through our various facilities.

**RECOMMENDATION**

**That the Museums, Gallery & Archives Collections Management, January and February 2023 Report be accepted, and items recommended for acceptance be approved for inclusion in the respective permanent collections, and letters of appreciation be sent in accordance with the County's Recognition Policy.**