



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 (Nauvo 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 (Nauvo 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 (Nauvo 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:

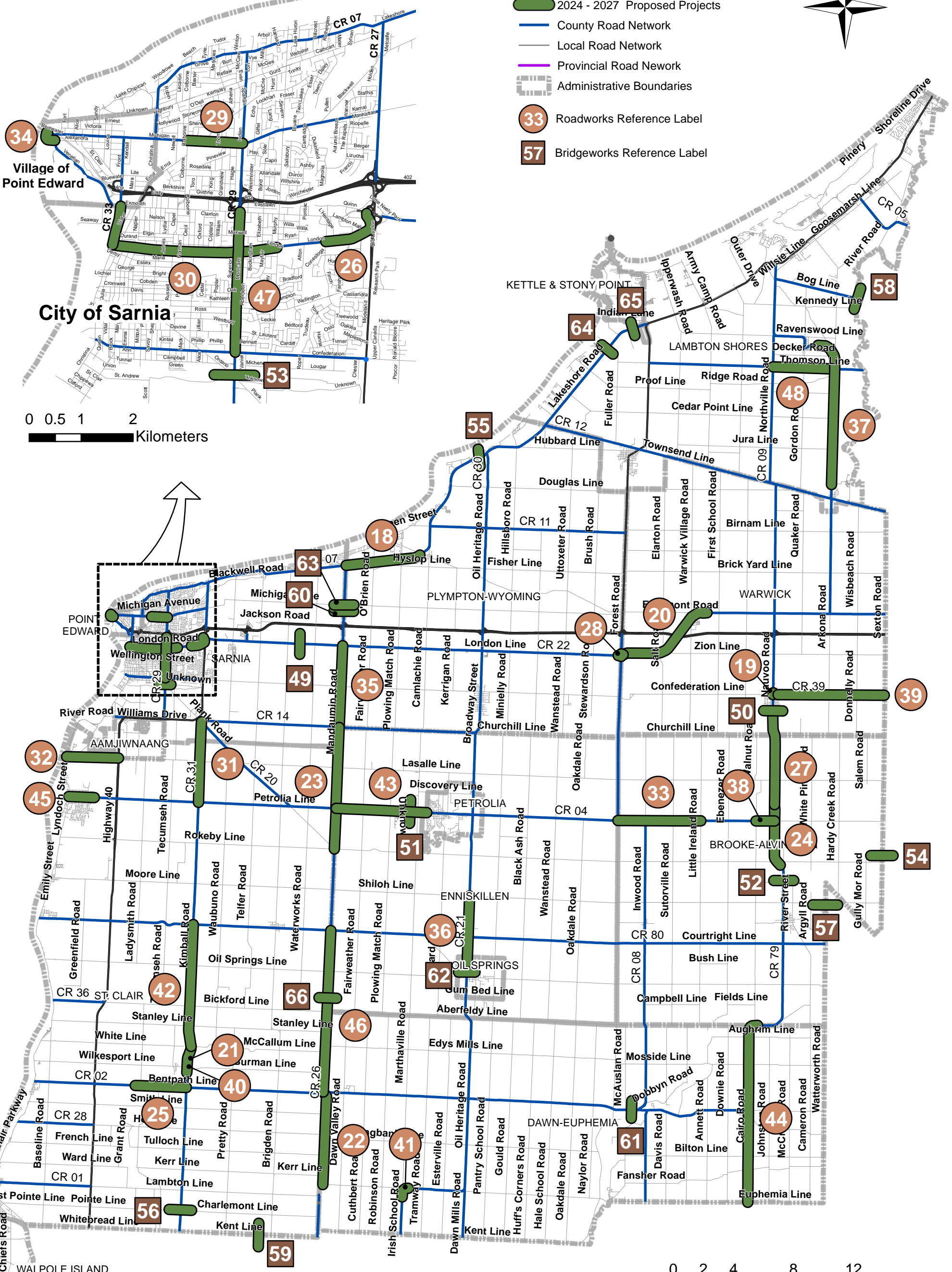
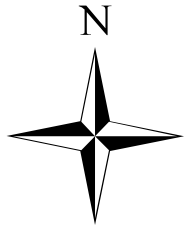
- 1) The timing of the above projects is subject to available funding, design, environmental approval, property acquisition and construction requirements.*
- 2) Construction methods are tentative and subject to change, including the need for full road closures for construction.*



County of Lambton 2024 - 2027 Roads Construction Program

Legend

- 2024 - 2027 Proposed Projects
- County Road Network
- Local Road Network
- Provincial Road Network
- Administrative Boundaries
- 33 Roadworks Reference Label
- 57 Bridgeworks Reference Label



0 0.5 1 2
Kilometers

0 2 4 8 12
Kilometers



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 Morrough 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

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