



COUNTY OF LAMBTON

2024-2028 Roads Construction Program



Prepared by: Public Works Department
County of Lambton

Date: April 2024

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 2024-2028 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.

2024 PLANNED CONSTRUCTION

Roadway	29 km
Structure Rehabilitations	4
Structure Replacement	6
Partially-Paved Shoulders	17 km



County of Lambton 2024 Roads Construction Program

PROPOSED PROJECTS - ROADS 2024

- 1) **County Road 79 (Nauvoo Road)** –South of Rokeby Line to Lasalle Line
Pavement recycling, resurfacing with new partially-paved shoulders and drainage improvements.
- 2) **County Road 7 (Lakeshore Road)** - County Road 26 (Mandaumin Road) to Egremont Road
Pavement recycling, including a left-turn lane, culvert extension, illumination (at Fleming Road intersection), resurfacing with new partially-paved shoulders and drainage improvements. Full road closure will be required at times with detours in place.
- 3) **County Road 26 (Mandaumin Road)** – North of Rokeby Line to County Road 14 (Churchill Line)
Pavement recycling, resurfacing and drainage improvements.
- 4) **County Road 2 (Bentpath Line)** - County Road 31 (Kimball Road) to 650m west of Indian Creek Road
Pavement recycling, resurfacing with partially paved shoulders, including slope stabilization and drainage improvements. Full road closures will be required with detours in place.
- 5) **County Road 26 (Mandaumin Road)** - Langbank Line to Lambton Line
Roadway reconstruction with drainage improvements.
- 6) **County Road 21 (Broadway Street) and Confederation Line Intersection (In Wyoming)**
Signalization and lane improvements in partnership with the Town of Plympton-Wyoming's Confederation Line Reconstruction project. Full road closure will be required at times with detours.
- 7) **County Road 25 (Confederation Street)** – Ontario Street to east of County Road 29 (Indian Road)
Pavement milling and resurfacing – *Anticipated 2024 project, potential carry-over into 2025.*
- 8) **County Road 20 (Plank Road) at County Road 14 (Churchill Road) at County Road 31 (Kimball Road)**
Intersection pavement milling with resurfacing - **Carry-over 2023.**
- 9) **County Road 22 (London Line)** – King's Highway 40 ramp to east of Wawanosh Bridge (250 metres +/-)
Pavement milling and resurfacing in partnership with adjacent Ministry of Transportation Project - **Carry-over 2023.**

PROPOSED PROJECTS - BRIDGES & MAJOR CULVERTS 2024

- 10) **Herbert Drain Culvert - County Road 22 (London Line)**
Culvert relining - **Carry-over 2023.**
Relining completed late 2023. Minor repairs and restoration in spring 2024.
- 11) **Browns Creek No. 1 - County Road 79 (Nauvoo Road)**
Bridge rehabilitation - **Carry-over 2023.**
Construction in spring 2024 maintaining single lane of alternating traffic through the duration of the project.

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

12) Browns Creek No. 2 - County Road 79 (Nauvoo Road)

Bridge rehabilitation - **Carry-over 2023.**

Construction in spring/summer 2024 maintaining single lane of alternating traffic through the duration of the project.

13) South Boundary Drain - County Road 12 (Townsend Line)

Culvert replacement - **Carry-over 2023.**

Construction in spring/summer 2024 maintaining single lane of alternating traffic through the duration of the project.

14) McPherson Drain - County Road 12 (Townsend Line)

Culvert replacement - **Carry-over 2023.**

Construction in spring/summer 2024 maintaining single lane of alternating traffic through the duration of the project.

15) Whitebread Drain Culvert - South Boundary (with Chatham-Kent)

Culvert replacement in partnership with the Municipality of Chatham-Kent.

Completion of design in 2024 with construction in 2025, details to be determined.

16) Pulse Creek Bridge - County Road 22 (London Line)

Bridge replacement.

Completion of design in 2024 with construction in 2025, with details to be determined.

17) Morrough Creek Bridge No. 1 – Boundary Bridge - Shiloh Line over Morrough Creek

Bridge rehabilitation in partnership with Middlesex County, details to be determined.

18) Holbrook-Fenner Drain Culvert - County Road 22 (London Line)

Culvert replacement

Complete design and tender in 2024. Anticipate 2025 construction maintaining single lane of alternating traffic.

19) Jane-Kilmer Drain – County Road 22 (London Line)

Culvert replacement

Complete design and tender in 2024. Anticipate 2025 construction maintaining single lane of alternating traffic.

Notes:

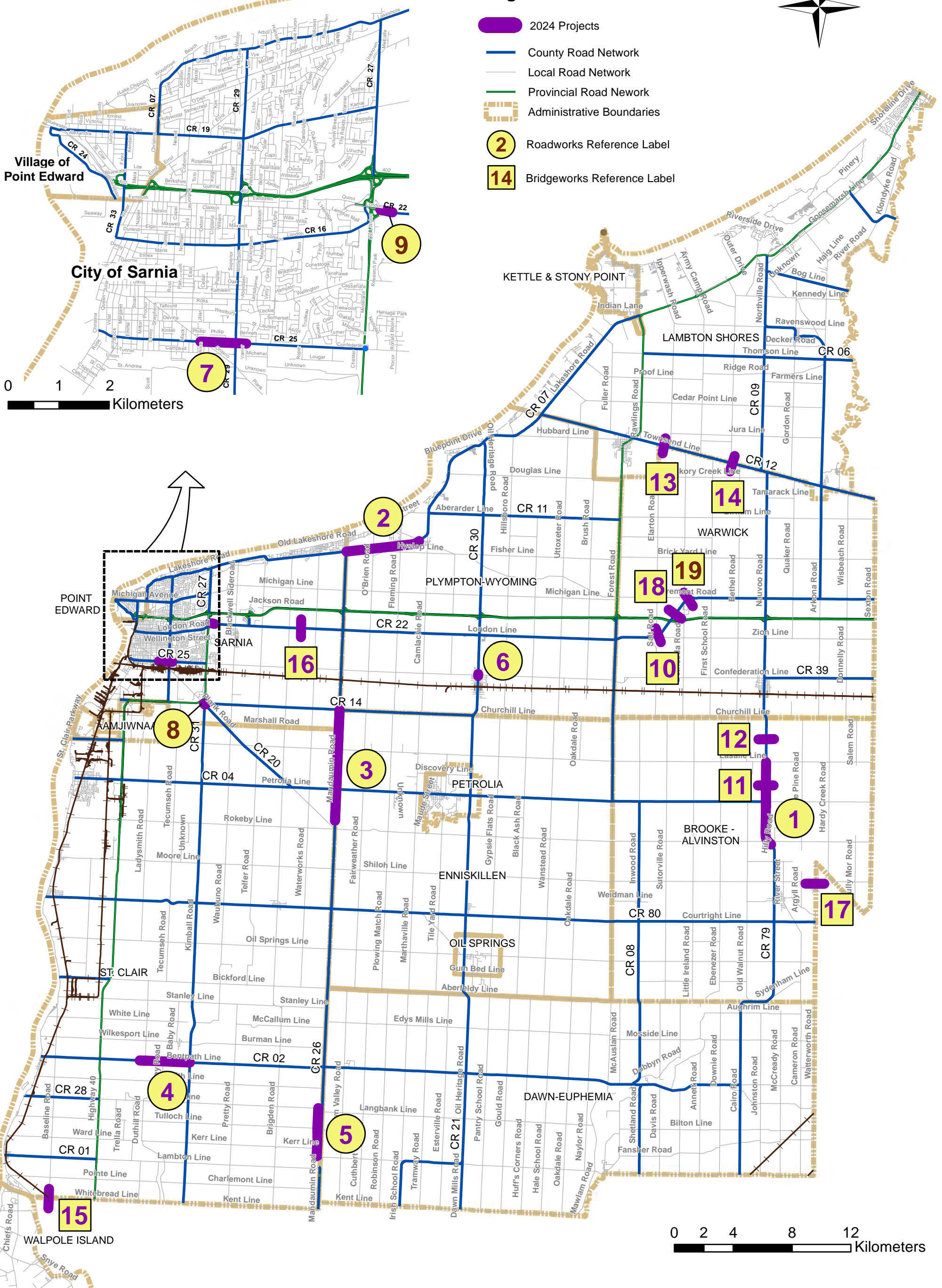
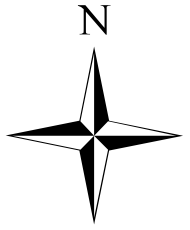
- 1) *The timing of the above projects is subject to available funding, design, environmental approval, property acquisition and construction requirements.*
- 2) *Construction methods are tentative and subject to change.*
- 3) *Traffic control measures are subject to change. This includes the need for full road closures (either intermittently or for longer durations) necessary for construction.*



County of Lambton 2024 Roads Construction Program

Legend

- 2024 Projects
- County Road Network
- Local Road Network
- Provincial Road Network
- Administrative Boundaries
- Roadworks Reference Label
- Bridgeworks Reference Label



0 2 4 8 12 Kilometers



County of Lambton 2025 - 2028 Roads Construction Program

PROPOSED PROJECTS - ROADS 2025 – 2028

- 20) County Road 79 (Nauvoo Road) and County Road 39 (Confederation Line) Intersection Improvements**
Reconstruction with geometric and drainage improvements in partnership with Warwick Township.
- 21) 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.
- 22) County Road 26 (Mandaumin Road) - County Road 2 (Bentpath Line) to Lambton Line**
Double surface treatment.
- 23) County Road 79 (Nauvoo Road) – Lasalle Line to south limit of Watford**
Pavement recycling, resurfacing with new partially-paved shoulders and drainage improvements.
- 24) County Road 22 (London Line) and County Road 8 (Forest Road) Intersection Improvements**
Roundabout intersection construction.
- 25) County Road 26 (Mandaumin Road) - County Road 14 (Churchill Line) to County Road 22 (London Line)**
Pavement recycling, resurfacing and drainage improvements.
- 26) County Road 19 (Michigan Avenue) - Colborne Road to County Road 29 (Indian Road)**
Road reconstruction in partnership with the City of Sarnia.
- 27) County Road 19 (Michigan Avenue) - Intersection/Park Entrance under Bluewater Bridge**
Reconstruction for geometric improvements, with pavement milling and resurfacing in partnership with the Village of Point Edward.
- 28) County Road 4 (Petrolia Line) - County Road 8 (Forest Road) to Little Ireland Road**
Pavement recycling, resurfacing and drainage improvements.
- 29) County Road 35 (LaSalle Line) - St. Clair Parkway to Vidal Street**
Road reconstruction in partnership with the City of Sarnia.
- 30) County Road 31 (Kimball Road) – Immediately north of Burman Line to north of Bear Creek Bridge**
Slope stabilization, reconstruction, road recycling, paving and drainage improvements.
- 31) County Road 21 (Oil Heritage Road) - Village of Oil Springs to Shiloh Line**
Pavement recycling, resurfacing and drainage improvements.
- 32) County Road 4 (Petrolia Line) – Old Walnut Road to County Road 79 (Nauvoo Road)**
Roadway reconstruction and drainage improvements

PROPOSED PROJECTS - ROADS 2025 – 2028 (cont'd)

- 33) County Road 79 (Arkona Road)** – North limit of Arkona to the east limit of Thedford
Pavement recycling, resurfacing and drainage improvements.
- 34) County Road 31 (Kimball Road)** - County Road 4 (Petrolia Line) to County Road 20 (Plank Road)
Pavement recycling, resurfacing and drainage improvements.
- 35) County Road 34 (Churchill Line)** – Tashmoo Road to King’s Highway No. 40
Pavement recycling and resurfacing.
- 36) County Road 4 (Petrolia Line) and County Road 31 (Kimball Road) Intersection Improvements**
Roundabout intersection construction.
- 37) County Road 39 (Confederation Line)** - County Road 79 (Nauvoo Road) to Sexton Line
Pavement recycling and resurfacing
- 38) County Road 16 (London Road)** - County Road 33 (Front Street) to Murphy Road
Pavement milling and resurfacing in partnership with the City of Sarnia.
- 39) County Road 4 (Petrolia Line)** – Oozloffsky Street to County Road 26 (Mandaumin Road)
Pavement recycling, resurfacing and drainage improvements.
- 40) County Road 79 (Nauvoo Road)** - South County Boundary to Old Walnut Road
Pavement recycling, resurfacing with new partially-paved shoulders and drainage improvements.
- 41) County Road 18 (Bog Line)** - County Road 79 (Northville Road) to Boundary Bridge
Pavement milling and resurfacing.
- 42) County Road 4 (Petrolia Line)** – Lyndoch Street to Brooktree Drive
Pavement milling and resurfacing.
- 43) County Road 29 (Indian Road)** – County Road 25 (Confederation Street) to Exmouth Street
Pavement milling and resurfacing.
- 44) County Road 6 (Thomson Line)** - County Road 79 (Arkona Road) to Middlesex Boundary
Pavement recycling, resurfacing and drainage improvements.
- 45) County Road 6 (Thomson Line)** - County Road 9 (Northville Road) to County Road 79 (Arkona Road)
Roadway reconstruction with widening and double surface treatment.
- 46) County Road 80 (Courtright Line)** – Sutorville Road to Old Walnut Road
Pavement recycling, resurfacing and drainage improvements.
- 47) County Road 21 (Oil Heritage Road)** – Kent Line to Langbank Line
Pavement recycling, resurfacing and drainage improvements.
- 48) County Road 21 (Oil Heritage Road)** - Shiloh Line to County Road 4 (Petrolia Line)
Pavement recycling, resurfacing and drainage improvements.
- 49) County Road 12 (Townsend Line)** - County Road 7 (Lakeshore Road) to Union Street
Road reconstruction with new partially paved shoulders and drainage realignment.

PROPOSED PROJECTS - ROADS 2025 – 2028 (cont'd)

- 50) County Road 21 (Irish School Road) at Marthaville Road Intersection Improvements**
Reconstruction with geometric and drainage improvements.
- 51) County Road 6 (Thomson Line) – King’s Highway 21 (Rawlings Road) to County Road 9 (Northville Road)**
Roadway reconstruction with widening and double surface treatment.
- 52) County Road 22 (London Line) – Telfer Diversion Drain to Telfer Road**
Pavement recycling, resurfacing with new partially-paved shoulders and drainage improvements.

PROPOSED PROJECTS - BRIDGES & MAJOR CULVERTS 2025 - 2028

- 53) CNR Overpass Bridge - County Road 79 (Nauvoo Road) over Canadian National Railway**
Bridge rehabilitation
- 54) David Creek - County Road 4 (Petrolia Line)**
Culvert replacement/lining
- 55) McLean Drain - County Road 79 (Nauvoo Road)**
Culvert replacement/lining
- 56) Clayton-Saylor Bridge - County Road 29 (Indian Road)**
Bridge rehabilitation
- 57) McPhail Bridge No. 2 - Boundary Bridge - Sexton Road over East Sydenham River**
Bridge rehabilitation
- 58) Aberarder Creek Culvert - County Road 7 (Lakeshore Road)**
Culvert lining
- 59) Reid Drain - County Road 31 (Kimball Road)**
Culvert replacement
- 60) Heaman Henderson Bridge – County Road 18 (Bog Line)**
Bridge rehabilitation
- 61) East Otter Creek Bridge – Boundary Bridge - Kent Line over East Otter Creek**
Bridge rehabilitation
- 62) Cow Creek Bridge – County Road 26 (Mandaumin Road)**
Bridge rehabilitation
- 63) McCallum Drain Culvert – County Road 2 (Bentpath Line)**
Culvert replacement
- 64) Black Creek Bridge No. 1 – County Road 21 (Oil Heritage Road)**
Bridge rehabilitation

PROPOSED PROJECTS - BRIDGES & MAJOR CULVERTS 2025 – 2028 (cont'd)

65) Montgomery Drain Culvert – County Road 26 (Mandaumin Road)
Culvert replacement

66) Beith Creek Culvert – County Road 7 (Lakeshore Road)
Culvert replacement

67) Shashawandah Creek Culvert – County Road 7 (Lakeshore Road)
Culvert replacement

68) Black Creek Bridge – County Road 26 (Mandaumin Road)
Bridge repairs

69) Bonnie Doon Bridge – County Road 11 (Aberarder Line)
Bridge rehabilitation

70) Perch Creek Culvert – County Road 22 (London Line)
Culvert repairs

71) Decker Creek Culvert No. 3 – County Road 79 (Arkona Road)
Culvert repairs

72) Golden Creek Culvert – County Road 79 (Northville Road)
Culvert repairs

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County of Lambton 2025 - 2028 Roads Construction Program

Legend

- 2025 - 2028 Proposed Projects
- County Road Network
- Local Road Network
- Provincial Road Network
- Administrative Boundaries
- 33 Roadworks Reference Label
- 57 Bridgeworks Reference Label

