



**TOWNSHIP OF WEST LINCOLN
INFRASTRUCTURE COMMITTEE
AGENDA**

MEETING NO. FIVE

Tuesday, October 14, 2025, 5:30 p.m.

Township Administration Building

318 Canborough Street, Smithville, Ontario

NOTE TO MEMBERS OF THE PUBLIC: All Cell Phones, Pagers and/or PDAs to be turned off. Members of the public who are attending and participating virtually are reminded to keep their microphones muted until they are acknowledged to speak. Additionally, for your information, please be advised that this meeting will be livestreamed as well as recorded and will be available on the Township's website.

Pages

1. CHAIR - Councillor William Reilly

Prior to commencing with the Operations Committee meeting agenda, Chair Reilly noted the following:

1. Comments can be made from members of the public for a matter that is on the agenda by advising the Chair during the "Request to Address an Item on the Agenda" Section of the agenda.
2. The public may submit written comments for matters that are on the agenda to jpaylove@westlincoln.ca before 4:30 p.m. on the day of the meeting for consideration by the Committee. Comments received after 4:30 p.m. on the day of the Committee meeting will be considered at the following Council meeting. Comments submitted are included in the record.
3. This meeting will be livestreamed as well as recorded and available on the Township's website.

2. LAND ACKNOWLEDGEMENT STATEMENT

The Township of West Lincoln, being part of Niagara Region is situated on treaty land. This land is steeped in the rich history of the First Nations such as the Hatiwendaronk, the Haudenosaunee, and the Anishinaabe, including the Mississaugas of the Credit First Nation. There are many First Nations, Métis, and Inuit from across Turtle Island that live and work in Niagara today. The Township of West Lincoln, as part of the Regional Municipality of Niagara,

stands with all Indigenous people, past and present, in promoting the wise stewardship of the lands on which we live.

3. CHANGE IN ORDER OF ITEMS ON AGENDA

4. DISCLOSURE OF PECUNIARY INTEREST AND/OR CONFLICT OF INTEREST

5. APPOINTMENTS

5.1 Dewan Karim, LEA Consulting Ltd.

Re: Township of West Lincoln Road Safety Study & Action Plan -
Infrastructure Committee

POWERPOINT PRESENTATION

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6. REQUEST TO ADDRESS ITEMS ON THE AGENDA

NOTE: Procedural By-law Section 10.13(5) – General Rules

One (1) hour in total shall be allocated for this section of the agenda and each individual person shall only be provided with **five (5) minutes** to address their issue (some exceptions apply). A response may not be provided and the matter may be referred to staff.

Chair to inquire if there are any members of the public present who wish to address any items on the Operations Committee agenda.

7. COMMUNICATIONS

There are no communications.

8. STAFF REPORTS

8.1 ITEM IC-24-25

Manager, Capital Design and Delivery (Ray Vachon) and Director,
Infrastructure (Mike DiPaola)

Re: Information Report O-21-2025 - 2025 Capital Completion Update

RECOMMENDATION:

1. That, Information Report O-21-2025 titled "2025 Capital Project Completion Update, dated October 14, 2025, be received.

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9. OTHER BUSINESS

9.1 ITEM IC-25-25

Members of Council

Re: Other Business Items of an Informative Nature

10. NEW BUSINESS

NOTE: Only for items that require immediate attention/direction and must first approve a motion to introduce a new item of business. (Motion Required)

11. CONFIDENTIAL MATTERS

There are no confidential matters.

12. DISCLOSURE OF CONFIDENTIAL MATTERS

13. ADJOURNMENT

The Chair to declare the meeting adjourned at the hour of [time]



Township of West Lincoln

Road Safety Study & Action Plan

- Infrastructure Committee

October 14, 2025

Presented by: LEA Consulting Ltd.

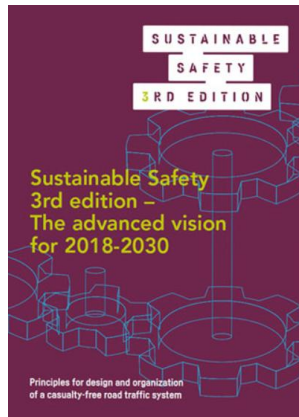
Land Acknowledgement

We acknowledge that the land on which our office is situated is the traditional territories of Indigenous peoples and their commitment to stewardship of the land. We acknowledge the communities in circle. The North, West, South and Eastern directions, and Haudenosaunee, Huron-Wendat, Anishnabeg, Seneca, Chippewa, and the current treaty holders Mississaugas of the Credit peoples.

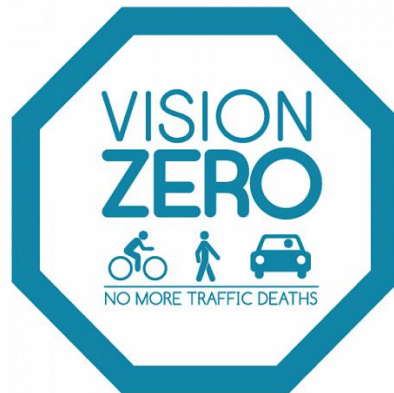
Let this acknowledgement serve as a reminder of our ongoing efforts to recognize, honour, reconcile and partner with Indigenous people who have lived and worked on this land historically and presently.

Why Road Safety Matters

- **Vision Zero** – eliminating serious injuries and fatalities
- **Safe Systems Approach:** Recent safety approach and practices



Netherlands 1973



Sweden 1997



UN - 2010-20



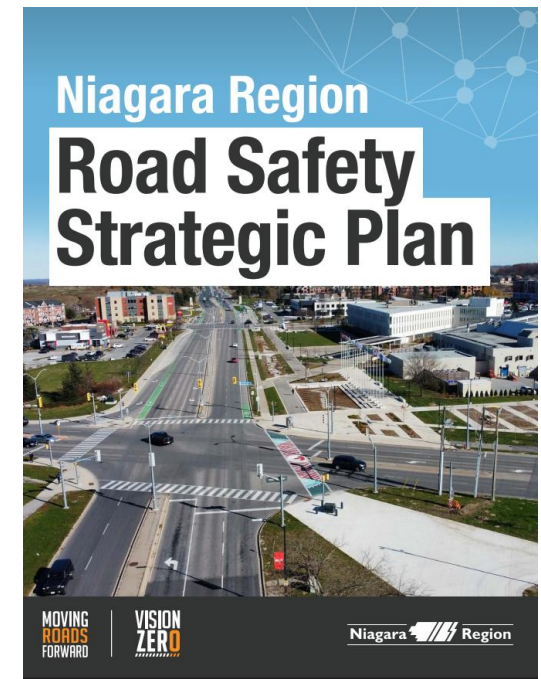
Why Road Safety Matters

- **Safe Systems Approach:** Basic principles

	Traditional	Safe Systems Approach
What is the problem?	Accidents risk	Fatalities and serious injuries
What causes the problem?	Human factors	Humans make mistakes Humans are fragile
Responsibility?	Individual road users	System designers
Peoples demand for road safety?	People don't want safety	People want safety
	Optimum number of fatalities and serious injuries	Eliminate fatalities and serious injuries

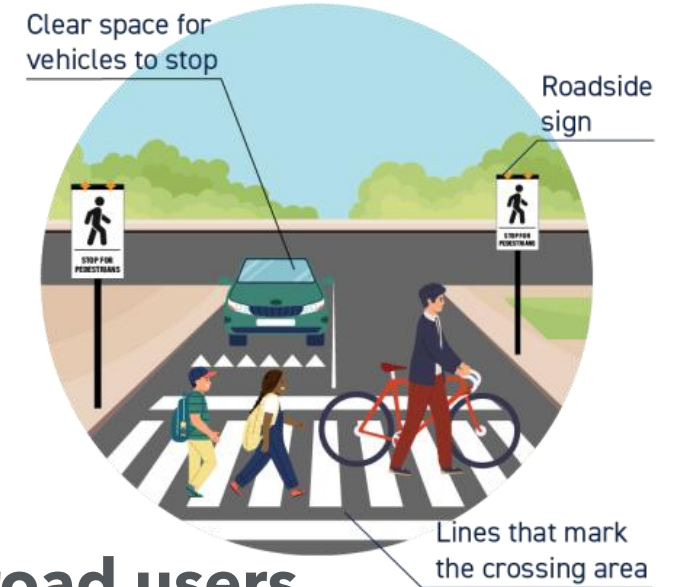
Why Road Safety Matters

- **Local safety challenges:**
 - Rural high-speed roads and other safety issues
 - Subdivision speeding concerns
 - Vulnerable road users (youth, seniors, cyclists, farm vehicles, other users)
 - Niagara Region's Vision Zero revenue sharing



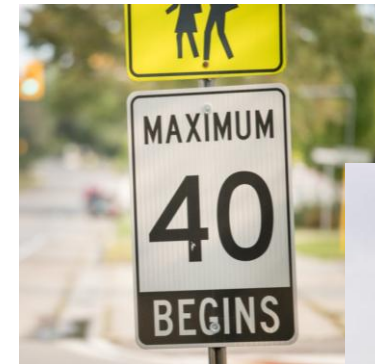
Project Objectives

- Create a **comprehensive “Road Safety Action Plan”**
- Align with **Vision Zero/Safe System principles**
- Develop safety plan to create safe road network for **all road users**
- Provide Council and staff with a **clear, implementable roadmap towards road safety goals**



Project Scope

- **Assessment & Data Collection:** review policies, industry standards/procedures, traffic counts, collision trends, GIS analysis, hot spots
- **Road Safety Campaign:** education & awareness
- **Urban Speed Reduction Pilot:** 40 km/h subdivisions, urban safety measures
- **Rural Safety Measures:** pilot project, markings, signage, lighting, "Share the Road", other rural safety measures
- **Infrastructure & Design Standards:** traffic calming toolbox, future capital projects, engineering standards for new development / capital renewal projects



Work Plan & Deliverables

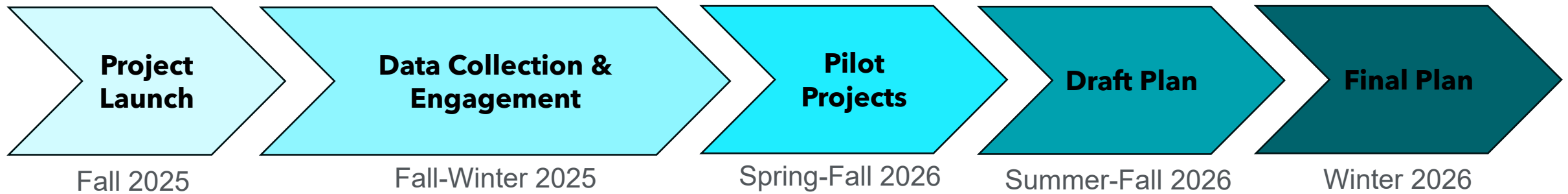
Year 1

- ☐ Inception Presentation / Report (Council endorsement)
- ☐ Public Engagement Report
- ☐ Summary memos
 - ☐ Urban speed subdivisions
 - ☐ Rural safety measures

Year 2

- ☐ Draft Road Safety Action Plan
- ☐ Final Road Safety Action Plan
- ☐ Final Presentation to Council

Timeline & Phasing



Phased implementation (1-5 years; 5-10 years)

Public Engagement Strategy



- **Methods:** surveys, local community meetings, local/key location posters, pop-ups, online tools
- **Tailored outreach:** schools, seniors, youth, farmers,
- **Goal:** ensure community voices guide priorities
- Council's support will address **public safety concerns and issues**



— Implementation & Sustainability

- Funding: Dedicated or general revenues + grants/partnerships
- Capital vs. operating cost forecasts
- Safety program, staffing & resource needs (gap analysis)
- Evaluation, monitoring & performance indicators (KPIs)

Council's Role

- Provide feedback and endorsement of the work plan
- Act as community ambassadors
- Respond to resident questions with detail information and project findings
- Review and support phased rollout of pilot projects and initiatives



Next Steps

- Council endorsement of workplan
- Launch public engagement (end of October)
- Data, Information and Public/stakeholder Feedback
- Safety assessment and sharing preliminary findings/initial directions
- Begin pilot project planning and implementation in rural and urban areas
- Draft recommended improvements and implementation process
- Future updates back to Infrastructure Committee/Council



Questions & Discussion



www.lea.ca

DATE: October 14, 2025

REPORT NO: I-21-2025

SUBJECT: **2025 Capital Project Completion Update**

CONTACT: Ray Vachon, Manager, Capital Design and Delivery
Mike DiPaola, P.Eng, Director, Infrastructure

OVERVIEW:

- In the early Summer of 2024 and the Spring of 2025, the Watermain Replacement & Road Resurfacing on Barbara St., Killins St. & Brooks Cir. and the Silverdale Road Rehabilitation tenders were awarded by Council.
- The Watermain Replacement & Road Resurfacing on Barbara St., Killins St. & Brooks Cir. was substantially completed June 6, 2025 and is currently under a 1 year maintenance period.
- The Silverdale Road Rehabilitation project was completed on July 11, 2025 and is currently under a 1 year maintenance period.
- The Watermain Replacement & Road Resurfacing on Barbara St., Killins St. & Brooks Cir. is over budget by approximately \$10,700.00.
- The Silverdale Road Rehabilitation was completed ahead of schedule and is over budget by \$30,500.00.
- The purpose of this report is to provide a project completion update to Committee and Council with respect to these 2 capital infrastructure projects.

RECOMMENDATION:

1. That, Information Report I-21-2025 titled “2025 Capital Project Completion Update, dated October 14, 2025, be received.

ALIGNMENT TO STRATEGIC PLAN:

Theme #1

- **BUILD** a safe, connected, caring and active community.

BACKGROUND:**Contract PW 2024-02 Watermain Replacement & Road Resurfacing on Barbara St., Killins St. & Brooks Cir.**

The work included the replacement of 770m of watermain, some curb replacement, a new sidewalk along the east side of Barbara Street and north side of Killins Street, and some road base repairs with new asphalt pavement.

On March 26, 2024, the tender was issued and the Township received nine (9) bid submissions. The low bidder, Catalina Excavating Inc., was awarded the project at the May 21, 2024, Committee meeting (Item PW-14-24 Barbara St., Brooks Circ., & Killins St. Watermain Replacement & Road Reconstruction (PW 2024-02) – Budget Amendment BA2024-03 and Tender Award) at a tender price of \$1,783,881.00, with an estimated total project cost of \$1,900,000.00. The Budget Amendment at that time was to reallocate funding amount between various project accounts. At the project award stage, the contingency allowance was reduced by 33% (\$50,000) in order to reduce the tender price to \$1,733,881.00 to ensure the total costs were under the approved budget of \$1.9 million.

Following the execution of the contract documents and pre-construction meeting, there were some delays due to the requirement for extra soil testing to meet excess soils regulations and confirming a disposal site for any excess soils generated by the project. Work began mid-September 2024. The underground works were completed in December 2024, with final paving and restoration undertaken in the Spring of 2025.

Contract OPR 2025-01 Silverdale Road Rehabilitation

The work involved milling and pulverizing the existing pavement surface, road base repairs, and new asphalt pavement from Twenty Mile Rd (RR69) to Regional Road 20 (RR20) which is a total length of 5 kms.

On March 7, 2025, Administration circulated a tender document on the Bids & Tenders Bidding System. On the closing date of March 26, 2025, five (5) tenders were received. The low bidder, GIP Paving Inc., was awarded the project at the April 14, 2023 Committee meeting (Item O-06-2025 Silverdale Road Rehabilitation Project Tender Award (OPR 2025-01) - Budget Amendment BA2025-03) at a price of \$869,400.00, with an estimated total project cost of \$975,000.00. The approved 2025 budget for this project was \$1.2 million, hence Administration recommended a Budget Amendment reducing the project budget to \$975,000.00 with the remaining \$225,000.00 being returned to Capital Reserve.

Following the execution of the contract documents and pre-construction meeting, work on the project began in early June.

Please refer to Schedule A for the project location map, showing the location of these 2 projects.

CURRENT SITUATION:

Contract PW 2024-02 Watermain Replacement & Road Resurfacing on Barbara St., Killins St. & Brooks Cir

The project was substantially completed June 26, 2025, and is now under a 1-year maintenance/warranty period. Schedule B shows before and after photos of the project.

Total costs for the project, including construction, engineering design, quality control testing, construction administration and construction inspection is over the total approved budget by approximately \$10,700.00.

The higher than budgeted project cost is a result of several factors including extra soil testing requirements under the excess soil regulations, causing a delayed project start, and extra consultant fees for construction administration and construction inspection.

Contract OPR 2025-01 Silverdale Road Rehabilitation

The project was substantially completed on July 11, 2025, and is now under a 1-year maintenance/warranty period. Schedule C shows before and after photos of Silverdale Road project.

The project was executed with some unexpected issues south of Fifteen Road. The original plan for this section was to mill the existing asphalt 40mm and repave with a 40mm layer of asphalt surface course. After the initial milling operations were completed, we encountered a lot of pavement raveling which would result in a poor bond for the new new asphalt pavement. Site instructions were provided to the contractor to mill an extra 20mm to get proper bonding with the base asphalt which will ensure a longer lasting final product. This resulted in additional milling and surface asphalt quantities and costs. Additionally, extra costs were incurred as a result of the asphalt cement (AC) adjustment payment as per the conditions and specifications in the contract document.

Total estimated final cost for the completed project is approximately \$30,500.00 over the adjusted approved budget of \$975,000.00. However, the final cost is under the original approved 2025 budget of \$1.2 million.

FINANCIAL IMPLICATIONS:

Contract PW 2024-02 Watermain Replacement & Road Resurfacing on Barbara St., Killins St. & Brooks Cir

The Barbara St., Killins St. & Brooks Cir. Watermain, Road and Sidewalk was financed with Development Charges, the Canada Community-Building Fund, and the Water Reserve. The Sidewalk component was underbudget by \$35,900, whereas the Road component was overbudget by \$13,500 and the Watermain component was overbudget by

\$33,100. On a consolidated basis, the project was overbudget by \$10,700.

Administration will address the \$10,700.00 shortfall by funding the variance through two funding sources: a \$28,900 Transfer from the Water Reserve, with \$18,200 returned to the Canada Community Building Fund Grant (CCBF). This funding strategy is consistent and aligns with the funding allocation within the Capital Budget and Budget Amendment, as previously approved by Council.

Contract OPR 2025-01 Silverdale Road Rehabilitation

The Silverdale Road Rehabilitation was financed with a Transfer from the Capital Reserve and the Canada Community-Building Fund Grant. Administration will address the \$30,500 shortfall by funding this variance through available funds from the Canada Community Building Fund Grant (CCBF). This funding strategy is consistent and aligns with the funding allocation within the Capital Budget and Budget Amendment, as previously approved by Council.

INTER-DEPARTMENTAL COMMENTS:

This report was reviewed by the Clerks Department, CAO, and the Director of Corporate Services / CFO.

CONCLUSION:

The 2025 Capital Project Completion Update report is being provided as an update for information purposes, to inform that these two contracts are substantially complete and under their respective 1 year maintenance periods.

SCHEDULES:

Schedule A – Project Location Map

Schedule B – Barbara St., Killins St. & Brooks Cir. Project Before and After Photos

Schedule C – Silverdale Road Reconstruction Before and After Photos

Prepared & Submitted by:

Ray Vachon, Manager, Capital Design and Delivery

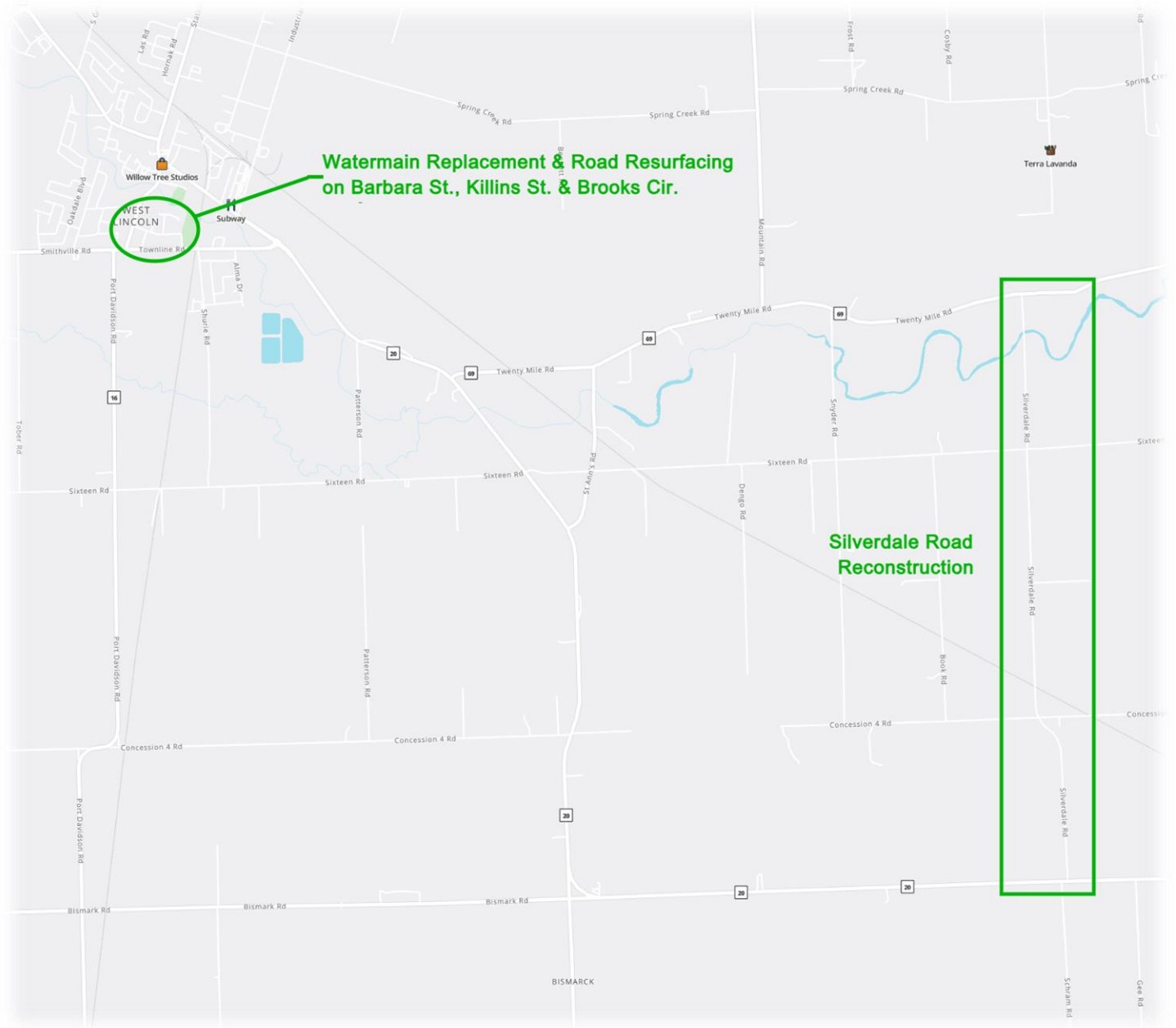
Mike DiPaola, P.Eng Director, Infrastructure

Approved by:

Truper McBride, CAO

SCHEDULE A

Project Location Map



SCHEDULE B

Barbara St, Killins St., Brooks Cir. Watermain & Road Project Before and After Photos



SCHEDULE C

Silverdale Road Rehabilitation - Before and After Photos

