



The Corporation of the Town of Tecumseh

Public Works & Engineering Services

To: Mayor and Members of Council

From: Phil Bartnik, Director Public Works & Engineering Services

Date to Council: Tuesday, May 13, 2025

Report Number: PWES-2025-34

Subject: Lesperance Road Right Turn Lane and Traffic Signals at County Road 22 – Project Update

Recommendations

It is recommended:

That Report PWES-2025-34 titled “Lesperance Road Right Turn Lane and Traffic Signals at County Road 22 – Project Update” **be received**.

Background

In response to multiple complaints regarding traffic operations of the Lesperance Road/County Road 22 intersection, R.C. Spencer Associates Inc. (RC Spencer) was retained in 2023 to evaluate existing conditions and to identify if geometric and/or traffic control improvements are needed on Lesperance Road from County Road 22 to Westlake Drive.

In February 2024, Council approved the recommendations of report [PWES-2024-07](#) “2024-2028 PWES Five Year Capital Works Plan” which included retaining RC Spencer for detailed design, contract administration and construction observations for the addition of a dedicated northbound right turn lane at the intersection of Lesperance Road and County Road 22. At that time, project design and tendering were planned for 2024 with construction anticipated in 2025.

In February 2025, Council approved the recommendations of report [PWES-2025-17](#) “2025-2029 PWES Five Year Capital Works Plan” which included the Lesperance Road Right Turn Lane and Traffic Signals at County Road 22. This included an expanded scope to the installation of a right turn lane, with the replacement of a ductile iron watermain within the project limits, partnering with the County of Essex (County) for upgrades to the traffic signal infrastructure and street lighting at County Road 22.

The Town’s Lesperance Right Turn Lane project was anticipated to be constructed in the following three stages:

- Stage 1: Watermain replacement and construction of the right turn lane. This would require a full road closure of Lesperance Road from County Road 22 to Westlake Drive.
- Stage 2: Traffic signal reconstruction and street lighting improvements at the Lesperance/County Road 22 intersection. This would require a lane reduction in the eastbound and westbound directions on County Road 22.
- Stage 3: Construction of multi-use pathway from County Road 22 to Westlake Drive. This would require a lane reduction on Lesperance Road.

Comments

Through Administration’s continued discussions with the County and the City of Windsor (City), and in addition to the Town’s ongoing construction of the ‘Tecumseh Hamlet Area Trunk Water and Trunk Sanitary Sewer Project’, there are a number of major road projects planned in the vicinity of The Tecumseh Hamlet starting in 2025 and projecting out to 2027. These include:

- the road reconstruction of County Road 42 (from County Road 19 to the Tecumseh-Windsor Boundary);
- the Banwell Road Corridor Improvement project (from Mulberry Drive to CP Rail) consisting of a grade separated interchange at E.C. Row Expressway and Banwell Road, and expanding Banwell Road to a four and a six lane cross-section;
- the road reconstruction of County Road 19 (from County Road 22 to just south of Sylvestre Drive) which includes expanding the road cross-section to 4 lanes.

Town Administration has maintained ongoing communication with the County and City to align construction timelines and to assess local traffic impacts. However, more recently, as projects are being tendered and contractors retained, it has become clearer that Lesperance Road at County Road 22 will play a critical role in providing access into the Tecumseh Hamlet during the construction of the nearby projects. A detailed review

of the surrounding roadwork (as depicted in Attachment 1) confirmed that proceeding with the Lesperance Right Turn Lane project in 2025 would significantly increase traffic congestion and disrupt regional and local traffic flow.

As a result, Town Administration recommends postponing the issuance of the tender for the Lesperance Right Turn Lane project and associated traffic signal upgrades until late 2026, with construction planned for mid-2027. This rescheduling will help maintain access along Lesperance Road and ensure access to Tecumseh Hamlet is maintained while road access from the south (off County Road 42) and from the west (off Banwell Road) is impacted by lane reductions and full road closures.

Town Administration consulted with the County, a project partner in regards to the traffic signal and street lighting improvements at County Road 22, and they are supportive of the rescheduling of the project. Tecumseh Fire and Rescue Services was also consulted and expressed concerns on proceeding with the Lesperance Right Turn Lane project in 2025 given all the other construction activity and need to maintain access along Lesperance Road for emergency response and community access.

Additional details of the projects planned within the Tecumseh Hamlet are outlined below and depicted in Attachment 1.

1) Lesperance Road Multi-Use Pathway (Westlake Drive to County Road 42) (Summer 2025)

Construction of the Lesperance Road Multi-Use Pathway is currently underway along the west side of Lesperance Road between Westlake Drive and County Road 42. A segment of the pathway, from County Road 42 to North Pacific Avenue, was paved last year. The remaining section, extending from North Pacific Avenue to Westlake Drive, is scheduled for completion in the Summer of 2025. All work will take place within the boulevard, with minimal impact to vehicular traffic along Lesperance Road.

2) Tecumseh Hamlet Secondary Plan Area – Trunk Water and Trunk Sanitary Sewer Phase 1 and Phase 2 (2025)

This project involves the installation of a new trunk watermain and trunk sanitary sewer through the Tecumseh Hamlet Area from County Road 22 to Intersection Road, and the installation of a trunk watermain and trunk sanitary sewer on Intersection Road easterly to St. Anne Street.

Construction began in April 2025 and will continue through November 2025. There are anticipated closures of Intersection Road in early May and again between July to October to facilitate the construction of the trunk watermain and trunk sanitary sewers. Access along Intersection Road will be restricted to local traffic and emergency services only.

3) Banwell Road Corridor Improvement Project (Mid-2025 to Mid-2027)

The City plans to begin construction on the Banwell Road Corridor improvements and the E.C. Row Expressway interchange in Mid-2025, with work continuing into 2027. The project includes significant infrastructure upgrades and the widening of Banwell Road between four to six lanes from the E.C. Row Expressway south to CP Rail. The construction will also include a new overpass interchange at Banwell Road and the E.C. Row Expressway.

During construction, lane reductions, and full road closures will take place at various times depending on the construction activity.

4) County Road 42 Improvement Project – Phases 3, 4 and 5 (2025 to 2027)

The next phases of the County Road 42 reconstruction are set to begin in 2025 and are expected to be completed by 2027. Phase 2 was recently finished and included the realignment of County Road 43 (Banwell Road) and the construction of a new roundabout at the intersection of County Road 42 and County Road 43.

Phase 3 will involve the reconstruction of County Road 42 from County Road 19 to Lesperance Road. This phase also includes the construction of a new roundabout at the intersection of County Road 42 and County Road 19. During this phase, rolling lane closures will be implemented to minimize disruption and lane restrictions will be in place around the intersection. Partial and full road closures are also anticipated depending on the construction activity.

Phase 4 will continue with the reconstruction from Lesperance Road to County Road 43. Similar to previous phases, rolling lane closures will be used as work progresses.

Phase 5, the final phase, will reconstruct County Road 42 from the new roundabout at County Road 43 to the City of Windsor boundary. Rolling lane closures will again be in effect during this phase to manage traffic flow while minimizing delays.

5) County Road 19 Improvement Project (County Road 22 to south of Sylvestre Drive) (2026-2027)

Construction for the County Road 19 improvements is expected to begin in 2026. The project will span from County Road 22 to south of Sylvestre Drive and includes road reconstruction to a 4 lane cross section, storm infrastructure and a trunk watermain. Lane closures are anticipated throughout the duration of the work.

The timeline for each of these projects is shown in the chart below. The rescheduling of the Lesperance Road Right Turn Lane to 2027 will help maintain access along Lesperance Road and ensure access to the Tecumseh Hamlet is maintained while road access from the south (off County Road 42) and from the west (off Banwell Road) is impacted by lane reductions and partial/full road closures.

		Year	2025				2026				2027			
Project	Quarter		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
1	Lesperance Road Multi-Use Pathway													
2	Tec Hamlet Trunk Water & Sanitary													
3	Banwell Road Corridor Improvements													
4	CR42 Improvement Project													
5	CR19 Improvement Project													
6	Lesperance Right Turn Lane & Signals			*	*									
* Original Schedule							Proposed Schedule							

Consultations

Chief Administrative Officer
Dillon Consulting Limited
R.C. Spencer Associates Inc.
Stantec Consulting Ltd.
The Corporation of the City of Windsor
The Corporation of the County of Essex

Financial Implications

There are no financial implications for this report.

Link to Strategic Priorities

Applicable	2023-2026 Strategic Priorities
<input type="checkbox"/>	Sustainable Growth: Achieve prosperity and a livable community through sustainable growth.
<input checked="" type="checkbox"/>	Community Health and Inclusion: Integrate community health and inclusion into our places and spaces and everything we do.
<input checked="" type="checkbox"/>	Service Experience: Enhance the experience of Team Tecumseh and our citizens through responsive and respectful service.

Communications

Not applicable ☒

Website ☐

Social Media ☐

News Release ☐

Local Newspaper ☐

This report has been reviewed by Senior Administration as indicated below and recommended for submission by the Chief Administrative Officer.

Prepared by:

Alessia Mussio, P. Eng.
Engineering Project Manager

Reviewed by:

John Henderson, P.Eng.
Manager Engineering Services

Reviewed by:

Phil Bartnik, P.Eng.
Director Public Works & Engineering Services

Recommended by:

Margaret Misek-Evans, MCIP, RPP
Chief Administrative Officer

Attachment Number	Attachment Name
1	2025-2027 Construction Projects – Location Map