



The Corporation of the City of Stratford  
Infrastructure, Transportation and Safety Sub-committee  
Open Session  
AGENDA

**Date:** Wednesday, April 30, 2025  
**Time:** 4:30 P.M.  
**Location:** Council Chamber, City Hall  
**Sub-committee Present:** Councillor Burbach - Chair Presiding, Councillor Nijjar - Vice Chair, Councillor Hunter  
**Staff Present:** Taylor Crinklaw - Director of Infrastructure Services, Audrey Pascual - Deputy Clerk, Neil Anderson - Director of Emergency Services/Fire Chief, Miranda Franken - Council Clerk Secretary

To watch the Sub-committee meeting live, please click the following link:

<https://video.isilive.ca/stratford/live.html>

A video recording of the meeting will also be available through a link on the City's website

<https://calendar.stratford.ca/meetings> following the meeting.

Pages

**1. Call to Order**

The Chair to call the Meeting to Order.

Councillor Beatty and Councillor McCabe have provided regrets for this meeting.

Land Acknowledgment

Moment of Silent Reflection

Respectful Conduct Statement

**2. Disclosure of Pecuniary Interest and the General Nature Thereof**

The *Municipal Conflict of Interest Act* requires any member of Council declaring a pecuniary interest and the general nature thereof, where the interest of a member of Council has not been disclosed by reason of the member's absence from the meeting, to disclose the interest at the first open meeting attended by the member of Council and otherwise comply with the *Act*.

Name, Item and General Nature of Pecuniary Interest

**3. Delegations**

**3.1 Request for Delegation by Lynn Brown**

4 - 5

Lynn Brown will be speaking to Sub-committee to request Stratford become a Blue Community with the goal of the Thames watershed becoming the first Blue Community watershed in the world.

Motion by

**THAT Lynn Brown be heard.**

**3.2 Request for Delegation by Tia Petrie**

Tia Petrie will be speaking to Sub-committee to request a rideshare technology by-law be introduced and that meters be installed in taxis.

Motion by

**THAT Tia Petrie be heard.**

**4. Report of the Project Engineer**

**4.1 O'Loane Trunk Sanitary Sewer Extension Project – Open House and Recommendations (ITS25-008)**

6 - 9

Motion by

**Staff Recommendation: THAT the report titled, "O'Loane Trunk Sanitary Sewer Extension Project – Open House and Recommendations" (ITS25-008), be received for information;**

**THAT the design as presented to the public during the Open House on Engage Stratford be accepted;**

**THAT staff be authorized to proceed with construction tendering;**

**AND THAT the borrowing for the required amounts be authorized and structured as an internal loan from other existing Development Charges to be repaid by future development charges collected.**

**5. Department Update**

10 - 15

The Director/Manager to provide an update on department activities and ongoing projects. A copy of the update will be posted to the City's website on the "Engineering Division" page.

**6. Advisory Committee/Outside Board Minutes**

There are no Advisory Committee/Outside Board minutes to be provided to Sub-committee.

**7. Next Sub-committee Meeting**

The next Infrastructure, Transportation and Safety Sub-committee meeting is May 28, 2025 at 4:30 p.m. in the Council Chamber, City Hall.

**8. Adjournment**

Meeting Start Time:

Meeting End Time:

Motion by

**Sub-committee Decision: THAT the Infrastructure, Transportation and Safety Sub-committee meeting adjourn.**



We invite you to consider an exciting and world first opportunity. The Thames watershed could become the first Blue Community watershed in the world adding a new dimension to the spreading Blue Community movement. We are sending this message to all municipalities in the Upper Thames watershed.

The Blue Community movement originated in 2009 in recognition of threats to accessible water for all and understanding water as a common gift of life as opposed to a commodity to be privatized for profit. Already 25% of the world's population does not have access to safe water. The Blue Community movement is growing and now more than 200 municipalities and institutions globally have made the three resolutions necessary to become Blue Communities.

These resolutions are:

- recognizing water and water sanitation as human rights ( this means water will not be shut off for those genuinely struggling to pay for water)
- promoting publicly owned and operated water and wastewater services ( as opposed to private for-profit ownership of these services)
- banning the sale of single use bottled water in municipal facilities and events

Resolving water as a human right has not been problematic for the 200 + municipalities that have done so including London/Ontario, Paris, Berlin, Vancouver, Los Angeles. They recognize water is life.

We understand that your municipality already meets the standard for publicly owned and operated water delivery and sewage services. This is progressive and fortunate given the history of problems in jurisdictions where water is operated for profit. These problems are discussed on the Blue Community site <https://canadians.org/bluecommunities>.

The benefits of banning the sale of single use bottled water at municipal sites counteracts the problems created by these unnecessary bottles. To offer only three of the reasons please note. Bottled water uses between 1,000 and 2,000 times the energy per unit volume compared to local tap water.(1) This plastic adds to the approximate 11 million metric tons of plastic garbage entering our waterways. (2)

Further "This water mining can have significant and irreversible hydrological and ecological effects in specific watersheds and localities, including water

aquifer depletion, loss of irrigation and well water, and drinking water contamination.”(3)

Finally, bottled water is not generally safer than tap water despite the deceptive language referring to purity, mountain springs, etc.

London made these three resolutions in 2020 and became a Blue Community joining Vancouver, Bayfield, Paris and many others. Since then, Brescia and Huron University Colleges in London have become Blue Communities along with the Sisters of St Joseph and Mother Teresa High School. We expect further announcements .

But imagine an entire watershed protecting water as a human right.  
We hope you can lead the way toward this needed and imagined future .

Information concerning the Blue Community movement is available on line at  
<https://canadians.org/bluecommunities>

We are also available to present or answer any questions. London Water Engineering Dept could also reassure that this is in the interests of citizens.

We hope to hear from you,

Blue Communities Committee, London Council of Canadians  
Lynn Brown, Chair  
[brownlye@gmail.com](mailto:brownlye@gmail.com)  
519-434-2942

1 Gleick and Cooley 2009. Gleick, Peter H. and Heather S. Cooley. 2009. “Energy Implications of Bottled Water “.

2 Schroeer, Littlejohn, and Wills 2020. Just One Word: Refillables. Washington, DC: Oceana. <https://oceana.org/wrp>.

3 Gleick, Peter H. 2010. Bottled and Sold: The Story behind our Obsession with Bottled Water. Washington, DC: Island Press.

Barlow, Maude. 2014. Blue Future: Protecting Water for People and the Planet Forever. New York: New Press.

Resources:

<https://canadians.org/bluecommunities/>

<https://bluecommunityschools.org/>



## MANAGEMENT REPORT

**Date:** April 30, 2025  
**To:** Infrastructure, Transportation and Safety Sub-Committee  
**From:** Nathan Bottema, Project Engineer  
**Report Number:** ITS25-008  
**Attachments:** None

**Title:** O'Loane Trunk Sanitary Sewer Extension Project – Open House and Recommendations

**Objective:** To present the feedback from the Open House, and to obtain Council approval to initiate the O'Loane Trunk Sanitary Sewer Extension Project.

**Background:** The Stratford West Secondary Plan, completed in 2008, identified the O'Loane Trunk Sanitary Sewer Extension as part of the master servicing strategy to accommodate predominantly residential growth in northwest Stratford.

The first segment of the O'Loane Avenue Trunk Sanitary Sewer was completed in 2008, extending from the Water Pollution Control Plant to a point approximately 200 metres south of Huron Street. The currently proposed second phase would extend the trunk sewer from its existing terminus to Galt Road, covering a length of 420 metres.

The City engaged MTE Consultants Inc. in September 2024 to complete the design and tender specifications to extend the O'Loane Trunk Sanitary Sewer from 200m south of Huron Street to Galt Road. The consultant will also be responsible for contract administration and field inspections.

The proposed specific improvements scheduled for this project are the:

- Installation of 420m sanitary trunk sewer, upwards of 11m deep
- Installation of a local sanitary sewer south of Huron Street
- Installation of sanitary services to property line
- Provisions for future connections at Huron Street and Galt Road
- Reinstate the asphalt roadway, curb and gutter, and sidewalks

The trunk sewer is proposed to be installed via trenchless methods to limit the impact to public, traffic flow on Huron Street, and existing infrastructure. Three access shafts

are proposed to serve as the launching and/or receiving pits for the microtunneling operation.

If Council authorizes the project, construction is planned to begin in the summer of 2025 and concluding in the summer of 2026.

**Analysis:** On March 26, 2025, an invitation to attend the virtual open house was delivered to all properties within the project limits. The property owners and tenants were requested to visit the Engage Stratford page and review a presentation, project plans, anticipated construction schedule, and complete a Resident/Owner Questionnaire prior to April 4, 2025. An option to discuss the project and complete the questionnaire in-person was also provided.

During the Open House period, the City of Stratford received feedback through various channels, including resident questionnaires and direct communication. Additionally, the project page on the Engage Stratford webpage recorded 24 visits, reflecting a mild level of public interest. The main concerns raised focused on access to businesses and the request for service connections.

The 2025 approved capital program contains \$2,290,000 in budgeted expenses for this project and allocated an additional \$2,000,000 in 2026 for an estimated total project cost of \$4,290,000. Funding applications for the complete trunk sewer extension to Perth Line 36 (Quinlan Road), submitted through the Housing Enabling Water System fund, were unsuccessful. Staff will continue to pursue funding opportunities to support the entire project.

The trunk sewer was identified in the 2022 Development Charges Background Study as a requirement to facilitate growth.

The funding as outlined in the 2025 budget is \$171,600 from existing capital reserve funds and \$4,118,400 from Sanitary Development Charges. The available balance in the Sanitary Development Charges Reserve fund is approximately \$1.3 million which means there is currently insufficient cash available in the reserve fund of \$2.8 million which will require borrowing to proceed.

This could take the form of borrowing from other development charges funds to be repaid as development charges are collected. This effectively puts the Sanitary Development Charge Reserve Fund into a deficit until DCs are collected from development, which could impact other development charge-funded projects in the future. Alternatively, external debt instruments could be explored, which would be repaid from development charges collected in future years.

In either case, there would be no tax levy impact to proceed.

## **Financial Implications:**

**Financial impact to current year operating budget:** If Council authorizes proceeding with the project, a tender will be issued and return to Council for approval and/or further direction. Any variances from the approved amounts and sources noted would also be identified.

## **Financial impact on future year operating budget:**

The eventual capital project work will increase annual operating and maintenance cost in future years as the trunk sewer is extended and utilized. The works should have no impact to the property tax levy, as all costs for sanitary are paid through user fees and user fee reserve funds.

## **Link to asset management plan and strategy:**

These new assets, while initially funded from development charges, would be added to the asset management plan and require planning for future maintenance and replacement. Components include the trunk line, mains, valves, manholes and any technological components. New asset replacement for each component is planned for based on estimated useful life of those components. The increases to the asset base would increase future capital planning forecasts and funding strategies would be updated accordingly (noting again, that the funding strategies are based upon user fees for the water and wastewater assets).

## **Alignment with Strategic Priorities:**

### **Enhance our Infrastructure**

This report aligns with this priority as the O’Loane Trunk Sanitary Sewer Extension project expands our sewer infrastructure for future growth within our community.

## **Alignment with One Planet Principles:**

### **Equity and Local Economy**

Creating safe, equitable places to live and work which support local prosperity and international fair trade.

### **Land and Nature**

Protecting and restoring land for the benefit of people and wildlife.

**Staff Recommendation: THAT the report titled, “O’Loane Trunk Sanitary Sewer Extension Project – Open House and Recommendations” (ITS25-008), be received for information;**

**THAT the design as presented to the public during the Open House on Engage Stratford be accepted;**

**THAT staff be authorized to proceed with construction tendering;**



**AND THAT the borrowing for the required amounts be authorized and structured as an internal loan from other existing Development Charges to be repaid by future development charges collected.**

**Prepared by:** Nathan Bottema, Project Engineer

**Recommended by:** Taylor Crinklaw, Director of Infrastructure Services  
Adam Betteridge, Interim Chief Administrative Officer

## Infrastructure, Transportation and Safety Sub-Committee

April 30, 2025

### IS Update Regarding Capital Projects and General Operations

The following Infrastructure Services update on capital projects and general operations is an extension of the proposed key deliverables identified in the Engineering, Environmental, Public Works and Climate Divisions' respective annual workplans.

#### **Studies**

- Storm Model and Master Plan Update
  - Subject to budget approval, update to existing storm model and consolidation of all existing storm master plans and EA reports, climate change adaptation to be included.
- Sanitary Master Plan Update
  - RFP for consultant services awarded to Civica, work nearing completion.
  - New sanitary model to be used to update existing Sanitary Master Plan and incorporate all lands annexed since 2004.
  - Second Open House scheduled for April/May.

#### **Capital Projects - Ongoing**

- Albert Street Reconstruction 2023 Phase 1 – Waterloo to Front Street
  - Full reconstruction complete, with minor deficiencies and topcoat work scheduled for May/June.
- Concrete and Asphalt Restoration
  - Continuation of multi-year tender to replace damaged concrete sidewalk, curbs and asphalt road cuts, including restoration works.
- Albert Street Reconstruction Phase 2 – Front to King Street
  - Full reconstruction with new watermain, sanitary and storm sewers.
  - Design includes continuation of 'bicycle boulevard' and traffic calming.
  - Tender awarded to Van Bree Infrastructure at March 24 council meeting, construction anticipated to begin in May
- Asphalt Resurfacing 2024
  - Connecting Link project - funding granted for Erie Street from south of Ontario Street to West Gore Street. Tender awarded to Steve Smith Construction Corporation. Construction substantially complete with some restoration to be completed in the spring.
- Erie Street Active Transportation
  - Design includes a road diet and protected bike lanes. Working with MTO for approvals, but have not received a response yet.
- Pedestrian Crossing Improvements 2024
  - Pedestrian crossings at Waterloo Street / William Street, McCarthy Road West / Greenwood Drive.
  - Tender awarded to J-AAR Civil Infrastructures Limited, crossings to be operational by end of May.

- Downtown Intersection Improvements
  - Various intersection improvements to enhance pedestrian safety in accordance with the Downtown Traffic Study.
  - Designs being finalized: Church/Ontario/Huron; Waterloo/Ontario, Downie/George. This will include an evaluation of a potential pedestrian crossing near Huron Street Bridge.
  - Tender anticipated in May.
- Erie Street Parking Lot Repairs
  - Maintenance repairs for parking lot surface and drainage.
  - Tender awarded to Steve Smith Construction
  - Construction ongoing.
  - Redevelopment consideration see 'Special Projects' section below.

### **Capital Projects – 2025**

- Avon and Avondale Reconstruction
  - Avon Street from Avondale to John, Avondale Street from the Cemetery bridge to Huron Street.
  - Full reconstruction with new watermains, sanitary and storm sewers.
  - Tender closing April 22, with award scheduled for May 12.
- Huron Street Reconstruction Phase 2 – John to Matilda
  - Subject to Connecting Link funding – waiting for notification if successful or not.
  - Full reconstruction with new watermains, sanitary and storm sewers.
  - Design being finalized.
- Erie Street Multi-Use Trail Rehabilitation– Lorne Avenue to the south
  - Full reconstruction of trail to replace existing trail that has deteriorated.
  - Tender closes mid May, and will also include new sidewalks on the east side of Erie Street from Lorne Ave south to connect to the existing sidewalk.
- Lorne and Downie Intersection
  - Intersection improvement to include left turn lanes on Lorne Avenue, in both directions.
  - Design ongoing, with tender planned for early summer.
- Asphalt Resurfacing 2025
  - Resurfacing for various streets – Regent Street, Britannia Street, Willow Street, provisional additional segments subject to budget approval and tender pricing.
  - Tender scheduled for May.
- O'Loane Avenue Trunk Sanitary Sewer Extension
  - Consulting services awarded to MTE Consultants in 2024 for the design and tender of the trunk sanitary sewer from its current terminus south of Huron Street, to approximately Galt Street, by micro-tunnelling.
  - Open house report to sub-committee April 30, with tender to be released shortly thereafter
- Pedestrian Crossing Improvements 2025

- Design ongoing for pedestrian crossings at Downie/George, Downie/West Gore, and West Gore/Mowat area.
  - Tender scheduled for summer 2025.
- Bridge and Culvert Repairs 2025
  - Tenders / quotations to be issued for concrete works on various structures, and erosion control works at various structures, anticipated for May.
- East Gore Watermain
  - Design ongoing for watermain looping on East Gore Street between Laurier Street and Borden Street.
- Watermain Relining
  - Design ongoing for watermain relining on Morrison Street, Neal Avenue and Fern Street.

## **Divisional Updates**

### **Engineering Division Works**

- Automated Speed Enforcement (ASE) report has been received by Council, staff are reviewing the terms of an agreement with a service provider for the pilot program.
- Red Light Enforcement will be considered upon effective delivery of ASE.
- Pavement Condition Assessment 2025 to be completed by GEI Consultants Canada Ltd, with data collection and final report complete by early July
- Review of development engineering plans and reports for various proposed subdivisions.
- Review of formal consultations, site plan applications, zone change applications, and various other planning matters.
- Inspection services for subdivision construction are ongoing.
- Municipal consents are ongoing, for the review and approval of utility infrastructure installation within the City's right-of-way.
- Supporting Corporate special projects, Grand Trunk Community Hub servicing, attainable housing, new industrial subdivision development.
- Advisory Staff committee representations provided for Accessibility, Active Transportation, and Energy and Environment.
- Compiling data for asset management initiatives.
- Survey and design ongoing for 2025 and future projects.

### **Environmental Services Operations Update: Water**

- Spring fire hydrant flushing will begin this week. Communication through the City's social media channels has been used to notify the public.
- The Request for Quotation for a large purchase of Water Meters was posted and has closed as of April 11.
- The Request for Proposal for ladder and safety equipment upgrades to both water towers have been posted to Bids and Tenders.
- Several water service leaks and curb stop replacements have been completed throughout the City.

#### Environmental Services Operations Update: Wastewater

- Environmental Services staff responded to several calls for basement back-ups during the April 3 large rainfall and snowmelt event. Staff investigated numerous locations throughout the City of impacted residents. Further investigation is being conducted to determine the exact causes of these issues.

#### Environmental Services Operations Update: Stormwater

- Environmental Services and Public Works staff responded to multiple calls for road flooding and plugged catch basins due to the April 3 large rainfall and snow melt event. Several sections of roads were closed periodically until grating and inlets could be cleared of debris.
- Spring Stormwater Management Pond Inspections were completed by staff. Several small issues were noted and will be resolved both by in-house staff and contractors.

#### Environmental Services Operations Update: Water Pollution Control Plant

- Operations Staff at the WPCP observed bright green influent coming into the plant. Environmental Services staff opened several maintenance holes in the catchment area to determine the source. Due to the short duration in which the water was in the collection system, the exact source was not able to be found. Samples were collected from the influent water, and analysis of the green-coloured water suggested that this was green dye.
- A power failure at the WPCP caused issues in the main Lift Station. The maintenance electrician was called in to reset the sequence and main breaker on the Lift Station Storm pump to resolve the issue.

#### Public Works Operations Update: General and Road Maintenance

- Pothole Season – online submissions entered directly to Burnside.
- Asphalt plant will open 1st week of May.
- Planning 2025 repair season – now beginning manhole and catch basin repairs.
- Winter control debriefing session in the coming weeks.
- Several RFQs coming out.
- Shifts are now over – We have Midnight and Day shifts only.

#### Public Works Operations Update: Fleet

- 2024 2 new Hybrid Buses are on the road.
- Continuing with spring setup of equipment and PM maintenance.
- Several RFQ's are in the works.
- Status quo -Airport Fuel tanks are operational but not available for Public use due to some calibration needs and then finished landscaping in the spring.
- ATU negotiations started.

### Public Works Operations Update: Waste Management

- Concrete crushing at landfill RFQ has been awarded to T.Musselman Excavating.
- Bin service at landfill for metal bin was awarded to AIM.
- Asphalt shingles has been awarded to Waste Management.
- Request for Proposal (RFP) for Waste Collection Services 2026-2033 is being developed, with release date anticipated in coming weeks.
- Updates to methane flare system PLC ongoing.
- Staff training on landfill gas well monitoring and balancing.
- First HHW event Saturday April 26, 9am-2pm.
- Transition to the new blue box program continues.

### Climate Action Division

- Ongoing tracking and monitoring of City's emissions through Corporate Energy and Emissions Plan (CEEP) with a focus on fleet transition and building improvements. An annual report is being presented to ITS Subcommittee November 27, 2024, and further to Council for information and reference.
- Based on Council direction, Staff will be applying to the FCM GMF Climate-Ready Plans and Processes to help advance adaptation related efforts.
- Staff are working on identifying priority initiatives from the Community Climate Action Plan (CCAP) to commence within existing capacity and resources.
- Staff partaking in outreach and awareness initiatives around the CCAP including with the "Climate Conversations" series, with local organizations.
- A climate lens is being applied across municipal operations including but not limited to: OP review, planning applications, budget, procurement, etc.

### Special Projects – Erie Street Parking Lot Redevelopment

#### Tentative Internal Workplan:

1. Resurface Erie Street Parking Lot - ongoing
2. Public Engagement (Spring/Summer 2025)
  - a. Survey's / Open House / Pop Up
3. Reflecting and Addressing Easements (2025-2027)
4. Environmental Assessment Review
  - a. Existing Study Review (Spring 2025)
  - b. Additional Studies to Residential Standard (TBD)
5. Downtown Parking Study (2026-2027)
6. Municipal Services Feasibility Study (Fall 2025)
7. Comprehensive Review and Report (2027)
8. Expression of Interest or Request for Proposal (TBD)

#### Project Updates:

- Resurfacing Tender Awarded, construction ongoing
- Review Existing Environmental Phase 1 and 2

- Completed. Results are promising in that minimal soil impacts appear to be present, however, historical standards no longer apply requiring that a Phase 1 and 2 be redone. Additional boreholes and sampling may be required if the intent is to change the site to a more sensitive use (e.g. residential). Changing the site to a more sensitive use would require a Record of Site Condition.
  - Next Step. Continue with further Environmental Investigations as required.
- Engaged Consultant for Phase 1 Environmental Assessment
  - Completed March 2025.
  - Additional sampling required to meet current regulations.
- Engage Consultant for Phase 2 Environmental Assessment
  - Receiving proposal for services.