

Infrastructure, Transportation and Safety Sub-Committee

May 28, 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 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 ongoing
- 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 minor restoration outstanding.
- 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 May/June.

- 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 late May or early June.
- 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 awarded to Elgin Construction, work to begin early June
- 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. Work to also include new sidewalks on the east side of Erie Street from Lorne Ave south to connect to the existing sidewalk
 - Tender closed, award scheduled for May 27
- 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 closes May16, scheduled for award in June.
- 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.
 - Tender scheduled for early June
- 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
 - Tender for erosion control works at various structures closes May 15, with award scheduled for June 9.
 - Tender for concrete works on various structures closes June 4, with award scheduled for June 23.
- East Gore Watermain
 - Design ongoing for watermain looping on East Gore Street between Laurier Street and Borden Street.
- Watermain Relining
 - Tender issued for watermain relining on Morrison Street, Neal Avenue and Fern Street, closing May 28.

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, data collection is complete, and final report is expected by 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, attend Asphalt Working group meetings.
- Survey and design ongoing for 2025 and future projects.

Environmental Services Operations Update: Water

- Spring fire hydrant flushing in continuing throughout the City of Stratford. Communication through the City's social media channels is being used to notify the public.
- Renovations to Field Well #6 at the Romeo Control Centre have been completed.
- A new chemical feed pump has been installed at the Romeo Control Centre.
- The Request for Quotation for a large purchase of Water Meters was posted and has been awarded to Metercor.

- The Request for Proposal for ladder and safety equipment upgrades to Dufferin Water Tower is closes for bid submittals on May 16, 2025.
- The Request for Proposal for ladder and safety equipment upgrades to Forman Water Tower is closes for bid submittals on June 6, 2025.
- Water Operations staff installed a new water service and meter chamber for the Stratford Cemetery as a part of the Avondale Reconstruction Project.
- Two watermain breaks on Feick Crescent were identified and repaired in the week of May 5.

Environmental Services Operations Update: Wastewater

- Several HSA (private sanitary service replacements) are currently in the planning stages for this upcoming construction season.
- CCTV inspections were completed on several sanitary and storm mains throughout the City.

Environmental Services Operations Update: Stormwater

- Environmental Services staff responded to a gasoline spill at the intersection of Norfolk and Downie. Absorbent was applied to the spill and cleaned up by a street sweeper. There was no impact to the surrounding environment.
- Maintenance including vegetation and debris removal is planned for several Municipal Drains within the City in the next several weeks.

Environmental Services Operations Update: Water Pollution Control Plant

- Discussions continue with insurance adjustors regarding coverage for the digester roof repair.
- A large amount of debris and rocks was observed entering the plant influent on April 21st. Environmental Services staff checked several sections of the sanitary collection system and did not observe any abnormal debris.
- The grit removal rake was repaired on May 7th after a crack in the steel frame occurred. A Request for Engineering Services to replace this system is currently begin worked on

Public Works Operations Update: General and Road Maintenance

- Pothole Season – caught up (150 tonnes of temporary cold mix to date \$20K)
- Regular hot mix is now being used
- 2025 repair season – ongoing manhole and catch basin repairs.
- Training for PWD and repository
- Book 7 Construction Signage training for PWD Fleet Landfill
- Short one employee currently – job posted
- Several RFQs closing

Public Works Operations Update: Fleet

- 2024 2 new Hybrid Buses are on the road again (a few glitches) and operating well
- Continuing with spring setup of equipment and PM maintenance
- Several RFQ's and Bids and Tender are posted (24)
- Status quo -Airport Fuel tanks are operational but not available for Public use due to some calibration needs
- Repairs and annual inspections as needed

Public Works Operations Update: Waste Management

- Concrete crushing at landfill completed
- RFQ out for brush grinding
- Many residents are collecting compost this spring, we have a large pile available for resident give-away
- First HHW event Saturday April 26, 9am-2pm, 419 vehicles attended, diverted ~19,400kg of hazardous materials from the landfill
- Administrative amendment to the HHW permit (to allow more flexibility in days and hours for receipt) has been submitted to MECP
- Addition to mobile litter fences and increased manual litter control at the landfill over the last 6 weeks to accommodate the daily changes in wind direction and speed (typical for transitional period between seasons)
- Request for Proposal (RFP) for Waste Collection Services 2026-2033 is being developed, with release date anticipated in coming weeks
- Transition to the new blue box program continues

Climate Action Division

- Data collection and analysis underway for City facilities in accordance with O. Reg. 25/23 submission for the year.
- Ongoing tracking and monitoring of overall City's emissions through Corporate Energy and Emissions Plan (CEEP) with a focus on fleet transition and building improvements.
- Awaiting a funding decision on the FCM GMF Climate-Ready Plans and Processes to help advance adaptation related efforts.
- Staff are working on priority initiatives to initiate from the Community Climate Action Plan (CCAP) within existing capacity and resources.
- Council approved a new 2-year pilot position within Climate Action Division, Infrastructure Services dept. in recent budget deliberations. Staff are working to hire and fill that position in the next quarter.
- 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
 - Slight adjustments made to layout to increase the number of parking spots now, as well as mirror the likely eventual layout if/when the site is redeveloped.
- 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.