

Infrastructure, Transportation and Safety Sub-Committee

June 25, 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 held in person and on Engage, May 21, 2025 – no members of the public attended, no comments received online.
 - Council presentation of final report scheduled for fall.

Capital Projects - Ongoing

- Albert Street Reconstruction 2023 Phase 1 – Waterloo to Front Street
 - Full reconstruction complete, with minor deficiencies and topcoat work scheduled to be complete by the end of 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 watermains, 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. No MTO approval obtained, project on hold.
- 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 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 June.
- Erie Street Parking Lot Repairs
 - Maintenance repairs for parking lot surface and drainage.
 - Tender awarded to Steve Smith Construction
 - Parking spots reconfigured for a net gain of 8 (eight) spaces
 - Construction substantially complete, some restoration, sidewalk work, and bicycle parking 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, construction ongoing
- Huron Street Reconstruction Phase 2 – John to Matilda
 - Subject to Connecting Link funding.
 - 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 awarded to Armstrong Paving and Materials Group Ltd.
 - Construction scheduled for August
- 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 Regent Street, Britannia Street, Willow Street, Downie Street and Delamere Avenue.
 - Tender awarded to GIP Paving Inc., construction scheduled for June start.
 - Staff to report back safe cycling facilities options.
- 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 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 awarded to A2Z Civil 2608558 Ontario Limited, with construction scheduled for summer.
 - Tender for concrete works on various structures closed June 4, with no bids received. Project to be retendered later in the year.
- East Gore Watermain
 - Design ongoing for watermain looping on East Gore Street between Laurier Street and Borden Street.
- Watermain Relining
 - Watermain relining on Morrison Street, Neal Avenue and Fern Street,
 - Tender awarded to Fer-Pal Construction Ltd., with construction scheduled for July

Divisional Updates

Engineering Division Works

- Automated Speed Enforcement (ASE) report has been received by Council, staff are finalizing the terms of the agreement with the 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 in 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 and CCTV Sewer Condition Assessment Working Group meetings.
- Survey and design ongoing for 2025 and future projects.

Environmental Services Operations Update: Water

- Spring fire hydrant flushing in completed throughout the City.
- Fire Hydrant deficiencies identified while flushing have been repaired/resolved.

- Albert Street and Avondale temporary watermain commissioning has started for the reconstruction projects.
- Ongoing water service repairs being repaired throughout the City.
- The Request for Proposal for ladder and safety equipment upgrades to Forman Water Tower is closed and is currently in the evaluation process.

Environmental Services Operations Update: Wastewater

- Sanitary replacements (HSAs) throughout the City have been completed including new servicing for 246 Railway Ave.
- Several HSAs have been scheduled and will be completed in the next few months.
- Sanitary and Storm camera (CCTV) inspections have been scheduled as a part of preliminary work for upcoming construction – Lorne Ave., Queen St. & Britannia St.

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 has been completed in several Municipal Drains within the City over the last month. This includes approximately 300 metres of Waldie's Drain adjacent to Lorne Ave.

Environmental Services Operations Update: Water Pollution Control Plant

- Discussions with insurance adjustors regarding coverage for the digester roof repair have been finalized. Recommendations are to be brought to sub-committee regarding next steps.
- Request for Consulting Engineering and Design work to begin for the Grit Removal System

Public Works Operations Update: General and Road Maintenance

- Pothole Season is still ongoing, Hot mix is being used
- 2025 repair season – ongoing (NOTE: manhole repair on Ontario at Mercer Hall will be stalled until boardwalk removal)
- Training for PWD and repository – working through SDS awareness (almost 100%), bulldozer and compactor and New Holland backhoe
- Several RFQs have closed – short term contract list to be posted soon
- Line painting is now starting (awaiting ground temperature to rise)
- All turf repairs are complete – rough winter for freeze thaw and lack of frost along sidewalks
- Mowing is in full swing

Public Works Operations Update: Fleet

- 10 vehicles have been tendered and awaiting award at council
- New wheel loader and attachments have been awarded
- New Fire SUV has been tendered and awarded
- Three tractors were tendered and awarded with one unit ready at PW for Cemetery and Parks teams
- Dump Truck has been awarded for the Water Team
- Status quo -Airport Fuel tanks are operational but not available for Public use due to some calibration needs
- Received 2 new Electronic Sign Board Trailers for the PW team
- Racking project at PW for storage of tires and supplies underway
- Repairs and annual inspections as needed

Public Works Operations Update: Waste Management

- Ruby Farms successful bidder for brush grinding, expected work end of June
- Second HHW event Saturday May 31, 9am-2pm, 332 vehicles attended, diverted ~13,600kg 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 and acknowledged by the MECP
- 4 hay wagons have been purchased to refurbish into mobile litter control fences at the landfill
- Request for Proposal (RFP) for Waste Collection Services 2026-2033 is being developed, with release date anticipated in coming weeks
- New Blue Box Program – we will find out post August 2025 if our recycling drop off/depot at the landfill will receive funding from producers come January 2026
- Community engagement:
 - Delivered a load of compost to the community garden for Children's Aid Society
 - Tour of the landfill with grade 7/8 students from Nancy Campbell on May 16

Climate Action Division

- Energy data for all City facilities for the year 2024 has been submitted to the Province under mandatory reporting for O. Reg. 25/23: Broader Public Sector: Energy Reporting and Conservation and Demand Management Plans.
- At the May 12 Regular council meeting, Council approved an agreement between the City and Natural Resources Canada (NRCan) in the Zero Emission Vehicle Infrastructure Program (ZEVIP) for the installation of two Level 3 electric vehicle charging stations at the Rotary complex.
- 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.
- Continuous application of a climate lens 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
 - Engineering Consultant Engaged.
 - Investigative drilling set for June.
 - Findings and assessment anticipate August.