

# Infrastructure, Transportation and Safety Sub-Committee

August 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**

- 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, construction ongoing
- Erie Street Active Transportation
  - Design includes a road diet and protected bike lanes. No MTO approval obtained, project on hold.
- Downtown Intersection Improvements
  - Intersection improvements to enhance pedestrian safety in accordance with the Downtown Traffic Study.
  - Designs being finalized: Church/Ontario/Huron; Waterloo/Ontario, Downie/George.
  - Tender to close early September.
- Erie Street Parking Lot Repairs
  - Maintenance repairs for parking lot surface and drainage, parking spots reconfigured for a net gain of 8 (eight) spaces
  - Tender awarded to Steve Smith Construction
  - Construction complete, bicycle parking being sourced.

## **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, Open House July23-August 10, ITS sub-committee in September, tender in October for 2026 construction
- Erie Street Multi-Use Trail Rehabilitation– Lorne Avenue to the south
  - Full reconstruction of existing deteriorated trail. Work also includes 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/September
- Lorne and Downie Intersection
  - Intersection improvement to include left turn lanes on Lorne Avenue, in both directions.
  - Design being finalized, with tender planned for fall.
- Asphalt Resurfacing 2025
  - Resurfacing for Regent Street, Britannia Street, Willow Street, Downie Street and Delamere Avenue.
  - Tender awarded to GIP Paving Inc., construction ongoing.
- 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 awarded to Network Sewer and Watermain Ltd., construction scheduled for August start
- Pedestrian Crossing Improvements 2025
  - Design ongoing for pedestrian crossings at Downie/West Gore and West Gore/Mowat area.
  - Tender scheduled for end of August.
- 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. Retendered, closes August 20.
- 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., construction ongoing

- Various Sidewalks
  - Gordon Street from Ontario Street to Willow Street, John Street South from Easson Street to West Gore Street.
  - Tender end of August.
- Lorne Avenue Trunk Sewer Condition Assessment and Rehabilitation
  - RFP issued for consultant services to assess the condition of the Lorne Avenue CSP storm sewer which is past its service life. Rehabilitation options will be evaluated for 2026 implementation.

## **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.
- Evaluation of a potential pedestrian crossing near Huron Street Bridge, and safe cycling options for 2025 resurfaced streets for future report to council.
- 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.
- Budget 2026 – capital and operational

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

- Three watermain breaks have occurred during this reporting period
- Ongoing watermain commissioning occurring at Albert Street and Avondale Reconstruction Projects
- Ongoing water service repairs being repaired throughout the City.
- Commissioning and sampling for temporary watermain for Neil Ave. watermain relining project

#### Environmental Services Operations Update: Wastewater

- Rats Inc. staff are finalizing sanitary acoustic assessments of the southwest area of the city and follow-up remedial work is being completed by Environmental Services staff. A second area for assessments began this week.
- On going sanitary and storm service installations throughout the City
- Smoke testing was completed for several businesses and residents to determine failures in internal plumbing causing odors.
- Pump replacements at several locations are being scheduled for 2025 including Devon, Taylor & Erie Pumping Stations. Waiting on required sensors before installation

#### Environmental Services Operations Update: Stormwater

- 2025 Phragmites spraying by the UTRCA has been begun including around and within Stormwater Management Ponds
- On going catch basin and storm maintenance hole refurbishments throughout the City

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

- Request for Proposal for Consulting Engineering Services for the pre-design, detailed design, contract administration, and site inspection for the digester upgrades currently underway with a closing date for submissions on September 5
- Request for Proposals for the Consulting Engineering and Design work to be published for the Pretreatment System in August

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

- Hot mix pothole work
- Line painting is going well – RR crossing and arrows... next lots and bike lanes
- 3<sup>rd</sup> round Mowing started
- Continuing to repair Sanitary and Storm Maintenance holes and catch basins – doing all repairs including asphalt (ease restoration costs)
- Trip step grinding training and repairs.
- Retro reflectivity should be completed soon.
- Library program at public works July 8<sup>th</sup>, kids came to the yard and were able to see and touch public works equipment. Very well received.
- Quite a few Internal Support projects
- Bench, bike rack and garbage receptacle repairs and paint uptown beautification ongoing

#### Public Works Operations Update: Fleet

- New Forestry truck has arrived and is on the setup stage
- Tendering through Canoe for the Transit hoist replacement

- Electric vans for engineering are being retendered due to over budget and specification issues
- Insurance provider is asking for a Fleet Audit
- Status quo -Airport Fuel tanks are certified from Weights and Measures Canada now so only a few small repairs needed, and the system can be activated
- Repairs and annual inspections as needed
- Lifting device and ladder annual inspections are completed throughout the City and its facilities
- MTO audit on Transit buses scheduled
- Propane RFP has gone out to local vendors for the upcoming Arena season
- Selling of vehicles and equipment on GovDeals
- Budget 2026 for Fleet has been submitted

#### Public Works Operations Update: Waste Management

- Landfill continues to receive soil from Albert Street reconstruction
- Request for Proposal (RFP) for Waste Collection Services 2026-2033 is live on Bids and Tenders
- Work for the administrative amendment to the Environmental Compliance Approval for household hazardous waste continues
- Operations budget 2026 ongoing
- Blue Box Program: comment period for new amendments proposed by the Ministry of the Environment, Conservation and Parks has closed. We will find out how this will impact our public space receptacles, small businesses and recycling depot at the landfill in the coming months

#### Climate Action Division

- Climate lens being integrated in the budget process for 2026, with all staff applying this for their projects, workplans and initiatives. Additional information is being provided in the budget package to demonstrate cost savings as they relate to new low-carbon procurement options, for the information of Council.
- 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. Annual report to Council planned for Q4, 2025, data collection from all departments is underway.
- Staff are working on priority action items to initiate from the Community Climate Action Plan (CCAP) within existing capacity and resources.
- Awaiting a funding decision on the FCM GMF Climate-Ready Plans and Processes to help advance adaptation related efforts.
- Council approved a new 2-year pilot position within Climate Action Division, Infrastructure Services dept. in 2025 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, 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:

- 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.