

# Infrastructure, Transportation and Safety Sub-Committee

## IS Update Regarding Capital Projects and General Operations

July 24, 2024

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**

- 5-Year Water/Wastewater Rate Study
  - Proposal awarded to DFA Consulting, currently in data collection stage.
  - Annual rate report anticipated Fall 2024.
- 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 ongoing.
  - New sanitary model to be used to update existing Sanitary Master Plan and incorporate all lands annexed since 2004.
  - Second open house to be scheduled in August 2024.

### **Capital Projects - Ongoing**

- Albert Street Reconstruction 2023 Phase 1 – Waterloo to Front Street
  - Full reconstruction with new watermains, sanitary and storm sewers.
  - Design includes implementation of 'bicycle boulevard' and traffic calming.
  - Tender awarded to Birnam Excavation, construction ongoing with signage, driveways and restoration to be completed.
- Sidewalk Projects 2023
  - Sidewalk installed on McCarthy Road West, McCarthy Road East at Mornington. Sidewalk on O'Loane between Brown and Thomas to be completed in July.
  - Tender awarded to Autoform Contracting London Limited, construction ongoing.
- Concrete and Asphalt Restoration
  - Continuation of multi-year tender to replace damaged concrete sidewalk, curbs and asphalt road cuts, including restoration works.

### **Capital Projects – 2024**

- Albert Street Reconstruction Phase 2 – Front to King Street
  - Full reconstruction with new watermains, sanitary and storm sewers.
  - Design includes implementation of 'bicycle boulevard' and traffic calming.
  - Open house being prepared for July.

- Asphalt Resurfacing 2024
  - Connecting Link funding – Connecting Link funding granted for Erie Street from south of Ontario Street to West Gore Street. Tender awarded to Steve Smith Construction Corporation. Construction scheduled for end of July.
  - Resurfacing of various streets – Devon Street, Greenwood Drive, West Gore west of John Street. Tender awarded to GIP Paving Inc. Construction scheduled for mid-August.
- Erie Street Active Transportation
  - Design being finalized for road diet and protected bike lanes, working with MTO for approvals, Council report for information on next steps to follow.
- Pedestrian Crossing Improvements
  - Design of various crossings including Mornington Street / Princess Street, Waterloo Street / William Street, McCarthy Road West / Greenwood Drive. Tender scheduled for end of July.
- 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.
  - Tender scheduled for July/August.
- Kenner Crescent Watermain Relining
  - Rehabilitation of deteriorated watermain by relining.
  - Tender awarded to Fer Pal Construction Ltd., construction completed.
- Sewer Relining
  - Camera inspections completed and being reviewed - candidates are currently being compiled for rehabilitation of deteriorated storm and sanitary sewer mains by relining.
  - Tender awarded to Clearwater Structures Inc., construction scheduled for end of August.
- Moderwell Street Local Improvement
  - Reconstruction of road with curb and gutter, some new watermain.
  - Local improvement process to be utilized.
  - Open House held February 20, 2024, ITS Sub-committee on March 27.
  - Tender awarded to Birnam Excavating Ltd., construction ongoing.
- Perth Line 36 Culvert Replacement
  - Tender to be awarded July 22., construction scheduled for August/September.
- Neal-Glendon Walkway Watermain Replacement
  - Installation of new watermain by directional drilling within the walkway between Neal Avenue and Glendon Road, to replace the existing watermain located on private property.
  - Tender awarded to Birnam Excavating Ltd, construction scheduled for August.
- Sidewalk Projects 2024

- Sidewalk installation for portions of St. Vincent Street South between Cambria and West Gore, and Forman Avenue between Huron and Hibernia.
- Tender awarded to Chad Hartman Construction, construction start in July.

## **Divisional Updates**

### Engineering Division Works

- Automated Speed Enforcement, Red Light Enforcement – staff are reviewing new services becoming available, possible pilot programs, and their associated requirements.
- Completion of Huron Street road diet (line painting only) between John Street and Matilda Street being scheduled.
- 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 project.
- Survey and design ongoing for 2024 and future projects.
- Request for Proposals for the O'Loane Avenue Trunk Sanitary Sewer Extension Consulting Services to be awarded in August.

### Environmental Services Operations Update: Water

- Watermain breaks so far in 2024 = **18**.
- Dunn Rd. well back in service.
- The video "What Causes Discoloured Tap Water" has been uploaded to the City's YouTube channel, link provided below. (<https://youtu.be/qGqcjsLJpbE>).

### Environmental Services Operations Update: Wastewater

- Repaired Vivian Station Pump #1 and Lorne Ave Pump repaired/rebuilt and delivered.
- 3 Emergency Sanitary Service Installs and 4 HSAs completed so far.
- Cell 3 Leachate Pump Replacement.
- Regent Structure Install- Planned for in next 2 weeks.
- St. SPS Generator bid has been awarded to Sommers.

### Environmental Services Operations Update: Stormwater

- Storm Flushing ongoing.
- Mowing of Stormwater Pond access roads completed.

- Several maintenance hole/catch basin are being rebuilt by PW and ES staff.

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

- Normal seasonal flows and continued scheduled maintenance.
- Several overflow events occurred due to significant rainfall.
- Digester Roof lifted due to digester upset. Cleanout and repairs have begun, and structural assessment and report will be completed early September.

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

- Willow – skin patching.
- Anne Hathaway – lot lines, sign and CB repair and paving completed.
- Skin patch work on Erie MUT complete.
- Sweeping Operations ongoing.
- Sidewalk Trip Step grinding/repair completed (222 Trips steps noted to date) - many repairs will be asphalt overlay to avoid panel replacements.
- Extra Core garbage pickups due to weather.

#### Public Works Operations Update: Fleet

- RFQ for new Transit Bus Wash System posted in Bids and tenders.
- The new provincial MVIS Drive ON vehicle inspection system has been submitted and waiting MTO/Parsons approval. – equipment ordered, techs trained, IT wifi set up coming.
- Transit garage – Pit netting installed.
- WSPS walk through of both shops done with Dave Buck and Brent – MOL participation (hazard assessments).
- Old roller to be sold off on GovDeals.
- Old compact loader and backhoe once repaired will be sold off on GovDeals.
- Fleet Vehicle Policy – on going.
- Issued PO for new forestry truck.
- Issued Po for 6 Hybrid Pickups.
- Issued PO for Hybrid SUV.

#### Public Works Operations Update: Waste Management

- Compost is screened, waiting on lab results.
- Final HHW events have been scheduled for 2024, Saturday September 7 & Saturday October 26 at Landfill.
- Bag Tag sticker RFQ awarded to DECO.
- New Green Bin Pilot Program with Al Fresco to begin August 1 until end of September at Market Square and Tom Patterson Island.

#### Public Works Tender Updates

- 2023
  - Hybrid mavericks arrived and are in service.

- Airport new fuel system is still waiting on pumps before the project can be completed.

### Climate Action Division

- Community Climate Action Plan (CCAP) development is complete. On the agenda for Council consideration and adoption on August 12, 2024, Regular Council Meeting. The accompanying management report and CCAP is available for viewing.
- Website updates - Climate Action and Engage Stratford, both webpages will be updated with the CCAP when approved.
- Provincial Reporting O. Reg. 25/23 complete, related CDM plan for 2024-2029 has been submitted to the province and an accessible version is available on the Climate Action webpage for review.
- City secured a \$10,000 incentive through Enbridge Inc. to continue energy and emissions initiatives.
- Staff conducted Level 1 energy audits (ASHRAE) through the month of June for facilities to identify deficiencies and energy conservation and efficiency opportunities.
- Budget process underway with the application of a 'climate lens' at each step of the process, with an aim to seek efficiencies and select sustainable options as available. Climate Action Division has created tools for estimating emissions and cost impacts of capital projects (for example building retrofits, fleet upgrades and replacement, other purchases) to support management staff for their budget documents. Guidance and training on this process have also been provided.
- Ongoing tracking and monitoring of City's emissions through CEEP, fleet transition and building improvements underway.
- Transition to electric and battery powered options also underway for equipment such as ice resurfacers, aerial boom lift etc.
- Staff are actively seeking funding opportunities to perform feasibility studies for retrofits of 7 City facilities.
- Ongoing cross-departmental support to all departments to embed a feasible Climate Lens into projects and initiatives.