

# Infrastructure, Transportation and Safety Sub-Committee

## IS Update Regarding Capital Projects and General Operations

June 26, 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.
  - Resurfacing of various streets – Devon Street, Greenwood Drive, West Gore west of John Street.
  - Erie Street tender awarded to Steve Smith Construction Corporation.
  - Devon Street tender waiting to be awarded.
- 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.
- 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 waiting to be awarded.
- 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 scheduled for early July start.
- Perth Line 36 Culvert Replacement
  - Design ongoing, tender closes July 4, 2024.
- 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 being finalized for the O'Loane Avenue Trunk Sanitary Sewer Extension Consulting Services.

### 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.

- Digester Roof lifted due to digester upset. OCWA currently waiting to clean out digester and have CIMA to inspect/assess roof for damage.

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

- William – pave with edger some of shoulder (due to drop off – hazards including maintenance holes).
- Crosswalk painting has started.
- Skin patch work began on Erie MUT.
- Sweeping Operations ongoing.
- Sidewalk Trip Step grinding/repair has started (222 Trips steps noted to date) - many repairs will be asphalt overlay to avoid panel replacements.
- Special events – very busy.
- Extra Core garbage pickups due to weather.

#### Public Works Operations Update: Fleet

- Arrived and operational, new bird cannon for Landfill.
- Issued PO for two new sidewalk machines and attachments.
- Issued PO for Tractor/loader/backhoe for Parks Dept.
- Working on RFQ for new Transit Bus Wash System.
- Issued PO for new Compact Roller.
- The new provincial MVIS Drive ON vehicle inspection system has been submitted and waiting MTO/Parsons approval.
- Fire has been using PWD services increasing number of repairs.

#### Public Works Operations Update: Waste Management

- TRY Recycling on site screening compost.
- Some compost is available to residents for pickup.
- HHW event June 1, we sorted and packed ourselves, 320 cars.
- Bag Tag sticker RFQ to go out June 26, 2024.

#### Public Works Tender Updates

- 2023
  - Hybrid pickups are built and in transit, hybrid SUV's scheduled for build 1<sup>st</sup> week of June.
  - New sidewalk tractor and grinder going back to supplier for setup of auto slide and water system.
  - Airport new fuel system is still waiting on pumps before the project can be completed.
- 2024
  - PW Sidewalk units (2) and Parks Division compact loader/backhoe included with the May 28<sup>th</sup> Council consent agenda.
  - Backhoe, Line Painter, Roller, Forestry Truck and vehicles are WIP.
  - Working on Transit Bus wash RFP.

- PW shop scanner WIP hoping to award Friday and Transit I have arranged to have it from Nova with the purchase of the 2 new buses coming in August.

### Climate Action Division

- Community Climate Action Plan (CCAP) under development. Three stakeholder workshops were held in April-June to inform, consult and facilitate discussion around community vision, key program areas and preliminary recommendations. Staff working on reviewing all feedback received, and incorporating into final draft for Council consideration.
- Engage Stratford webpage has been updated with the following new items: Summary of CCAP stakeholder workshops.
- O. Reg. 25/23 reporting complete, related energy management plan will be submitted to the province before July 1, 2024.
- Much like Budget 2024, Staff are collaborating to embed a climate lens into financial planning to aid long-term decision making with the upcoming budget. Guidance and training on the documents, for the module related to climate impacts, as per the recommendations of the Corporate Energy and Emissions Plan will be provided to Staff.
- Ongoing cross-departmental support to all City departments to embed a feasible Climate Lens into all projects and initiatives.