

# Infrastructure, Transportation and Safety Sub-Committee

## IS Update Regarding Capital Projects and General Operations

May 29, 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
  - RFP for consultant services is being prepared.
  - 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.
- Sidewalk Projects 2023
  - Sidewalk installation for proposed portions of McCarthy Road West, McCarthy Road East at Mornington, O'Loane between Brown and Thomas.
  - 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 June.
- 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 plus Greenwood Drive.
- Erie Street tender awarded to Steve Smith Construction Corporation.
- Devon Street tender closes June 7.
- 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 June/July.
- Kenner Crescent Watermain Relining
  - Rehabilitation of deteriorated watermain by relining.
  - Tender awarded to Fer Pal Construction Ltd., construction ongoing.
- 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 closes May 31.
- 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 recommended to be awarded to Birnam Excavating Ltd. at the May 28 Regular Council meeting.
- Perth Line 36 Culvert Replacement
  - Design ongoing, tender scheduled for May/June.
- Neal-Glendon Walkway Watermain Replacement
  - Installation of new watermain by directional drilling within the walkway between Neal Aven and Glendon Road, to replace the existing watermain located on private property.
  - Tender closed, to be awarded at the June 10 Council meeting.
- 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.

## **Divisional Updates**

### Engineering Division Works

- Automated Speed Enforcement – staff are reviewing new automated speed enforcement services becoming available, possible pilot programs, and their associated requirements.
- Red Light Enforcement – staff have started investigating service options.
- Completion of Huron Street road diet (line painting only) between John Street and Matilda Street being finalized.
- 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**.
- Spring flushing complete.
- MECP Inspection completed on May 22, 2024.
- Dunn Rd. well rehabilitation in progress – Well to be reinstated in the next 3 weeks.
- Manager of Environmental Services Johnny Bowes has resigned from City effective May 31<sup>st</sup>, 2024.

### Environmental Services Operations Update: Wastewater

- Taylor St. SPS Generator bid has been awarded to Sommers.

### Environmental Services Operations Update: Stormwater

- New weir logs have been installed at the John St. Weir by the UTRCA.
- Storm pond maintenance to inlets and outfalls.
- Training for new product and material (finish maintenance hole/catch basin repairs in half day vs. days) – utilizing this product on a number of deficiencies.

- Storm Flushing ongoing.
- Catch Basin Cleaning 2024 completed 3000+ basins cleaned and inspected – repairs ongoing.

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

- Normal seasonal flows and continued scheduled maintenance.

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

- William – pave with edger some of shoulder (due to drop off – hazards including maintenance holes).
- Crosswalk inspections have started.
- Temporary repair of Whitelock complete.
- Legislated sign retro reflectivity annual audit awarded.
- Crack sealing – Northern Sealants (lowest bid and a good reference check).
- Street painting preparation underway – Pride Crosswalk end of May.
- Invest Stratford Mowing – Crane West.

#### Public Works Operations Update: Fleet

- Ordered new bird cannon for Landfill.
- Setting up a full-scale display with Milwaukee tools week of June 10<sup>th</sup> they have a full scale line of tools and construction battery operated equipment.
- The new provincial MVIS Drive ON vehicle inspection system has been submitted and waiting MTO/Parsons approval.
- Fire has been using PWD services increasing amount of repairs.

#### Public Works Operations Update: Waste Management

- TRY Recycling will be on site for brush grinding beginning Monday May 27.
- Compost Screening will take place either late week or early the next.
- Accommodating the Excess Soils from the Phase 1 Albert Street Reconstruction project -have started tampering off and there are not many soil loads left.

#### 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

- Green Recognition Program 2024 has concluded. Select recipients were presented with certificates of recognition for their sustainability efforts in the Regular Council Meeting on May 13, 2024.
- Community Climate Action Plan under development. Staff are facilitating workshops with key stakeholders and implementation partners such as Festival Hydro, investStratford, Stratford BIA, Destination Stratford, and community representatives. It is anticipated that once complete, the CCAP will be presented to Council for consideration in Q4 2024.
- Engage Stratford webpage has been updated with the following new item: CCAP Phase 1 summary report with emissions baseline and business as usual scenario.
- Climate Action webpage has been updated with the following new item: Green Recognition Program 2024 recipients.
- 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.