

Infrastructure, Transportation and Safety Sub-Committee

IS Update Regarding Capital Projects, Engineering and Operations

November 2023

Studies

- Transportation Master Plan Update
 - RFP for consultant services awarded to IBI Group, new Transportation Master Plan being updated to include the Bike and Pedestrian Master Plan.
 - Final report adopted at November 14 Council meeting.
 - All reports including Round 2 Engagement summary, Phase 1 Needs and Opportunities, and Phase 2 Alternative Solutions reports are available on the Engage website.
- Storm Model and Master Plan Update
 - RFP for consultant services 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.
 - Flow monitors installed; data gathering is ongoing.
 - First open house on Engage.
- Various RFPs are being prepared.
 - T.J. Dolan retaining wall replacement.
 - Perth Line 36 culvert replacement.

Capital Projects

- Huron Street Reconstruction, Phase 1
 - Connecting Link funded project, Design and Contract Admin awarded to IBI Group.
 - New watermain, sanitary sewer, storm sewer, roadway.
 - Tender awarded to Steve Smith Construction, Construction is complete.
- 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 in accordance with new Transportation Master Plan recommendations.
 - Tender awarded to Birnam Excavation, construction ongoing, preparing for winter shutdown, completion in spring 2024.
- Asphalt Resurfacing 2023
 - Connecting Link funding - Ontario Street from Queen to Waterloo 2023 and Erie Street from south of Ontario to West Gore 2024.

- John Street from Huron to Queensland Road.
 - tender awarded to Steve Smith Construction, Construction complete.
- Ontario Street Watermain Replacement – Parkview to Queen
 - Replacement of undersized watermain.
 - Tender awarded to Steve Smith Construction; Construction complete.
- Dunn’s Bridge Rehabilitation
 - Deck rehabilitation for Dunn’s Bridge, Tender awarded to Finnbilt General Contracting Limited, construction complete.
- Erie Street Watermain Relining
 - Erie Street from Cambria to Monteith.
 - Tender awarded to Fer-Pal Construction Ltd., Construction complete.
- Concrete and Asphalt Restoration
 - Multi-year tender to replace damaged concrete sidewalk, curbs and asphalt road cuts, including restoration works.
 - Tender awarded to Nicholson Concrete, final priority projects being completed prior to winter shutdown.
- Portia Watermain Extension
 - Dead end watermain providing poor water quality to residents, to be extended to Devon Street for proper looping to improve water quality.
 - Tender was awarded to Birnam Excavating Ltd., construction complete.
- Sidewalk Projects 2023
 - Sidewalk installation for portions of McCarthy Road West, McCarthy Road East at Mornington, O’Loane between Brown and Thomas.
 - Tender awarded to Autoform Contracting London Limited, for spring construction start.
- Pedestrian Crossing Improvements
 - Downie Street at Bruce Street, Romeo at McCarthy Road East, Lorne Avenue at St. Vincent Street South.
 - Crossings installed and operational.
- Lorne Avenue Trunk Sewer Assessment
 - Background information being compiled, preparing tender.

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.
- 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 ongoing.

- Municipal consents 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, industrial land development committee.
- Advisory Staff representations provided for Accessibility, Active Transportation, and Energy and Environment.
- Compiling data for asset management project.
- Survey and design ongoing for 2023 and 2024 projects.

Operations Update: Water

- Watermain breaks so far in 2023 = 19.
- Hydrant Flushing completed in early November.
- O'Loane Well still offline – issue has been resolved, other maintenance being completed while offline.
- Internal audit of water system completed November 12.

Operations Update: Wastewater

- Focus on sewer acoustic inspection program this fall/winter.
- Last 2023 scheduled HSA install on Cobourg Ln. completed last week.

Operations Update: Water Pollution Control Plant

- Aeration tank #4 cleanout and repairs completed.

Operations Update: Stormwater

- UTRCA considering installing a permanent generator at T. Orr Dam.
- John St. Weir removed mid-November – the timbers used for the weirs need repaired/replaced by UTRCA.

Operations Update: Public Works

- Hot asphalt applications have turned into pothole repairs as the colder weather sets in.
- Storm Sewer preventative maintenance flushing and catch basin, manhole rebuilding continue.
- The department has been busy servicing Special Events and prepping for the Parade of Lights on December 3.
- The department is still busy assisting social services as well as the SPS in managing encampments throughout the City.
- Street sweeping continues to operate 24 hours a day with several rounds of the City completed.
- Various training is taking place across the department. Focused on winter equipment.

- Winter shifts have begun with days, nights, afternoons, and weekends beginning last week.
- All equipment has been prepped for winter operations.
- Deficiencies for Cell 3B are being completed by the contractor at the Landfill.

Climate Action Division

- Corporate Energy and Emissions Plan (CEEP) is now available on the City's Climate Change webpage.
- Annual Corporate GHG Emissions 2022 reporting is complete, next step is placing it on the City's website.
- Community Climate Action Plan (CCAP) – Contribution Agreement with the Ministry of Energy anticipated to be signed soon. Work ongoing.
- Green Recognition Program 2024 – Call for applications will be communicated through the City's website, social media channels and the Energy and Environment Advisory Committee.
- Ongoing cross-departmental support to all City departments, investStratford and Destination Stratford to embed a Climate Lens into projects and initiatives.