

Infrastructure, Transportation and Safety Sub-Committee

IS Update Regarding Capital Projects, Engineering and Operations

October, 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
 - Draft Final report presented at Council on August 14, mandatory 30-day review period concluded September 17. Final report to be available for adoption 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
 - Topcoat paving and minor restoration substantially 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.
- 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
- John Street completed, Ontario Street substantially complete with some deficiencies outstanding
- 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 ongoing, scheduled for completion by end of November.
- Erie Street Watermain Relining
 - Erie Street from Cambria to Monteith
 - Tender awarded to Fer-Pal Construction Ltd.
 - Construction ongoing, on schedule to be completed early November
- 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, work ongoing.
- 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 to be awarded November 14.
- Pedestrian Crossing Improvements
 - Downie Street at Bruce Street, Romeo at McCarthy Road East, Lorne Avenue at St. Vincent Street South
 - Crossings installed and operational, some minor restoration to be completed.
- 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 = 15
- Hydrant Flushing ongoing – expected to be completed by early November.
- O'Loane Well still offline due to automation PLC issues.
- Internal audit of water system is scheduled for November 14
- Many commissioning projects ongoing

Operations Update: Wastewater

- Fall "trouble section" sewermain flushing scheduled
- Resumed sewer acoustic inspection program in October
- Two outstanding excavations to be completed – Downie St. and Charles St.

Operations Update: Water Pollution Control Plant

- Filter Underdrain #2 installation complete – Now all 4 underdrains have been replaced since 2020

Operations Update: Stormwater

- Stormwater system flushing and catchbasin repairs ongoing

Operations Update: Public Works

- Hot asphalt applications are wrapping up in the City. With colder temps, pothole repair will continue throughout the winter
- Storm Sewer preventative maintenance flushing and catch basin, manhole rebuilding continue
- The department has been busy servicing Special Events

- The department is still busy assisting social services as well as the SPS in managing encampments throughout the City
- Street sweeping is in full swing with one full round of the City almost complete
- Various training is taking place across the department. Focused on winter equipment
- Winter shifts will begin the week of November 11. Afternoon, Night, Weekend and Day shifts
- Equipment winter prep has begun with sanders/salters being prepped as well as sidewalk machines
- We have received our sand shipment, and salt orders have been filled. The department is fully stocked with winter materials

Climate Action Division

- Community Climate Action Plan (CCAP) Update
 - Plan development is underway. Draft plan anticipated to be presented to Council in Q1, 2024 (timeline to be determined).
 - Staff successful in securing funding of \$25,000 from the Ministry of Energy, Province of Ontario under its Municipal Energy Plan (MEP) Program to support the development of CCAP.
 - Additional funds from Enbridge Inc. expected to mitigate anticipated costs of Plan development.
 - Seeking funding from Council to support the retention of specialized Consultant. Management Report to ITS Subcommittee dated October 25, 2023 to further this request.
- Corporate Energy and Emissions Plan (CEEP) Update
 - The Corporate Energy and Emissions Plan (CEEP) was presented to the ITS Committee on October 10, 2023.
 - Received 3 delegations and 15 written submissions in support of the Plan.
 - The Plan is available for adoption at October 23 Regular Council meeting.
 - The CEEP, when approved, will be available on the Climate Change webpage for public viewing.
- Under O. Reg 25/23, annual energy reporting to the province for 2021 is complete. 2022 and 2023 reporting is expected to be completed by mid-2024, as per provincial guidelines.
- Climate considerations have been a key part of the 2024 budget, Staff developed a tool to calculate greenhouse gas emissions of proposed upgrades and expansions for the City, in accordance with CEEP recommendations, and the intent to embed a climate lens into corporate operations.
- Climate Action Division continues to provide cross-departmental support to all City departments, investStratford and Destination Stratford to embed a Climate Lens into projects and initiatives.