

Infrastructure, Transportation and Safety Sub-Committee

IS Update Regarding Capital Projects, Engineering and Operations

September, 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 October 23 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 are scheduled for September.
- 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. Second stage (Nile to Front) to be completed in 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
 - Ontario Street substantially complete with some deficiencies outstanding, John Street topcoat and restoration scheduled for September/October
- 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
- 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 closes October 4.
- Waldies Lane Reconstruction
 - Design options and constructability issues being evaluated.
- Pedestrian Crossing Improvements
 - Downie Street at Bruce Street, Romeo at McCarthy Road East, Lorne Avenue at St. Vincent Street South
 - Tender awarded to J-AAR Excavating Limited.
- 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 = 13
- Hydrant Flushing started on September 26th.
- O'Loane Well offline due to automation PLC issues – expected to be back online by the end of the week.
- Many commissioning projects ongoing

Operations Update: Wastewater

- 3 excavations lined up for the next two weeks.
- Normal Summer maintenance programs ongoing – Sewer inspections, flushing, etc.

Operations Update: Water Pollution Control Plant

- The WPCP is experiencing normal summer flows except for recent bypass events caused by short duration excessive rainfall.

Operations Update: Stormwater

- Ongoing Summer maintenance – Stormwater Management Pond maintenance and landscaping, catch basin repairs, etc.

Operations Update: Public Works

- Hot asphalt applications continue throughout the City.

- Storm Sewer preventative maintenance flushing and catch basin, manhole rebuilding continues.
- The second round of painting has been taking place on crosswalks and stop bars.
- The department has been busy servicing Special Events
- Street sweeping is picking up once again with preparations beginning for heavy fall sweeping season.
- The landfill is accepting loads of fill from various City projects. The fill is being used for daily cover, as well as road building at the site.
- The new cell 3B at the landfill is now accepting waste. We now have multiple tipping face options for possible inclement weather days.
- Various training is taking place across the department. They include snow school, first aid and CPR, and new flusher/vacuum truck training.
- Public Works currently has two external job postings online, one is for a truck driver, the other for a waste reduction coordinator.
- Overhead door upgrades have been completed on the salt shed at the Public Works facility.
- Crews are completing the list of deficient signs identified in the retro reflective inspection.
- Equipment winter prep will begin shortly with full equipment checks and calibrations taking place.
- Sand and salt orders have been placed in anticipation for the winter season.

Climate Action Division

- Community Climate Action Plan Update
 - Phase 1 engagement summary and draft list of priority actions and strategies is available on the Engage Stratford website. Public engagement activities held April-June 2023 helped Staff develop a set of actions and strategies in several key areas.
 - Phase 2 engagement for the Community Climate Action Plan has now concluded. The engagement ran from August 1 to August 22, 2023, with feedback and comments received through the Engage Stratford tool, and emails.
 - Next steps: Plan development with refined actions; draft Plan to be presented to Council (timeline to be determined).
- Corporate energy reporting and compliance with updated Provincial legislative requirement – Ontario Regulation 25/23: Broader Public Sector: Energy Reporting and Conservation and Demand Management Plans (under the Electricity Act, 1998) is now complete. The Corporate Energy Conservation and Demand Management Plan 2019-2024 for the City of Stratford is available on the Climate Change website. Linked [here](#).
- The City of Stratford’s Corporate Energy and Emissions Plan is scheduled to be presented to Council for endorsement in Q4, 2023.

- Car-Free Fridays: The City has partnered with BIA for Car-Free Fridays. This friendly competition aims to encourage City employees and downtown businesses to use active transportation (walking, biking, public transit) instead of relying on personal vehicles to get to work. The last Car-Free Friday for this summer is planned for September 8, 2023, there will be an opportunity to use public transit for free, for the entire day.
- 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.