

Infrastructure, Transportation and Safety Sub-Committee

IS Update Regarding Capital Projects, Engineering and Operations

August 31, 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 ongoing.
 - 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.
 - Consulting services for Downie/Lorne intersection design
 - 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 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
- Ontario Street substantially complete with some deficiencies outstanding, John Street ongoing.
- 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.
- Erie Street Watermain Relining
 - Erie Street from Cambria to Monteith
 - Tender awarded to Fer-Pal Construction Ltd.
 - Construction ongoing
- 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 awarded to Birnam Excavating Ltd., construction complete.
- Sidewalk Projects 2023
 - Design for portions of McCarthy Road West, McCarthy Road East at Mornington, O’Loane between Brown and Thomas, other locations
 - Tender scheduled for early September.
- 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 award scheduled for September 11 council meeting.
- 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 future projects

Operations Update: Water

- We received a rating of 96.94% on our annual water system inspection from the MECP.
 - The issues found during inspection were all administrative in nature and have been rectified and received by the MECP.
- Watermain breaks so far in 2023 = 12
- Ongoing summer maintenance – Valves and Hydrants
- New Mag Meter installed at Field Well 6 – More minor upgrades to come this fall.
- Many commissioning projects (Albert, Ontario, Developments)

Operations Update: Wastewater

- Normal Summer maintenance programs ongoing – Sewer inspections, flushing, etc.
- Full pump inventory review and inspection to be completed this year – Staff compiling existing data currently.

Operations Update: Water Pollution Control Plant

- The WPCP is experiencing normal summer flows except for recent bypass events caused by short duration excessive rainfall.
- Filter 3 underdrain replacement completed.
- Aeration tank 4 to be drained and serviced in the coming weeks.

Operations Update: Stormwater

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

- Matrix Solutions to finish compiling SWM Pond sediment survey on August 30th. This will follow with a comprehensive report and recommendations for stormwater pond remediation and operation.

Operations Update: Public Works

- Final agreements between the City and CMO have been signed in preparation for our transition date in 2024.
- Hot asphalt applications continue throughout the City.
- Storm Sewer preventative maintenance flushing and catch basin, manhole rebuilding continues.
- Stop bar and crosswalk painting has been completed, as well as arrows. Parking stalls are now the focus for painting.
- The department has been busy servicing Special Events
- Grass cutting along roadside ditches continues with 2 full rounds already done this season.
- Vacation season is in full swing as the department shuffles staff to ensure tasks are being completed.
- 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.
- Plans to enter into the new cell 3b at the landfill are underway.

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.