

Infrastructure, Transportation and Safety Sub-Committee

IS Update Regarding Capital Projects and General Operations

February 28, 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, Division respective annual workplans as included in the 2024 operational budget.

Studies

- Transportation Master Plan
 - The Transportation Master Plan was adopted at the November 14, 2023 Council meeting. Staff are working on developing policies recommended by the Plan, to bring to Council in the following months.
- 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.

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 in accordance with new Transportation Master Plan recommendations.
 - Tender awarded to Birnam Excavation, currently in winter shutdown, start up and completion to resume in spring 2024.
- 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, for spring 2024 construction start.
- 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 March.
- 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 – candidates include sections of Devon Street, Willow Street and West Gore Street, west of John Street.
 - Design ongoing, tenders scheduled for spring and summer.
- Pedestrian Crossing Improvements
 - Evaluation and design of various crossings including; Mornington Street / Delamere Avenue, Mornington Street / Waterloo Street, McCarthy Road West near McCarthy Place.
- Watermain Relining
 - Rehabilitation of deteriorated watermain by relining - Kenner Crescent is the 2024 target area.
 - Tender closes March 15, 2024.
- Sewer Relining
 - Candidates are currently being compiled for rehabilitation of deteriorated storm and sanitary sewer mains by relining.
 - Tender scheduled for March 2024.
- 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, report scheduled for ITS Subcommittee on March 27, 2024.
- Perth Line 36 Culvert Replacement
 - Design ongoing, tender scheduled for this summer.

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.
- 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, industrial land development committee.
- 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.

Environmental Services Operations Update: Water

- Watermain breaks so far in 2024 = **12** (4 in one day on Feb 23rd on Mornington Street).
- Beginning to replace all chlorine dosing equipment at the Romeo Control Centre in March/April.
- Nine new Source Water Protection Signage installed around the City in critical wellhead protection areas.

Environmental Services Operations Update: Wastewater

- New annual staff reporting for wastewater collection have been submitted to the MECP.
- Pump Replacement at Lorne Ave. SPS was completed in February.

Environmental Services Operations Update: Stormwater

- New annual staff reporting for wastewater collection have been submitted to the MECP.

Environmental Services Operations Update: Water Pollution Control Plant

- Normal operation conditions.

Public Works Operations Update: General and Road Maintenance

- February weather has given the department the opportunity to catch up on non-winter activities.
- Pothole patrol and repair is occurring daily.
- Storm Sewer preventative maintenance flushing and catch basin, manhole rebuilding continued throughout the month.
- The department is still busy assisting social services as well as the SPS in managing encampments throughout the City.
- Various training is taking place across the department.

- Sod damage repairs have begun with focus on sidewalk machine damages across the City.
- Sign replacements continue.
- Compost turning has been maintained at the landfill to ensure we have ample materials available for the public this spring.

Public Works Operations Update: Fleet

- The City's first fully electric vehicle is now operational and working out of Public Works yard.

Public Works Operations Update: Waste Management

- A request to Council to renew Source Separated Organics processing contract will be coming to the Council committee.
- Public Works is finalizing details for household hazardous waste events to be held more frequently out of Landfill, with a report coming to ITS sub-committee for information.

Climate Action Division

- Green Recognition Program underway; applications open until March 15, 2024.
- Community Climate Action Plan (CCAP) is being developed with funding support from the province; expected to be complete in Q2 2024. There will be an opportunity to provide feedback on the Plan. The final plan is expected to articulate strategies and programs to create/facilitate in order to implement decarbonization on a large scale.
- Climate Action webpage updated to reflect latest information for the reference of the community. Link to this webpage placed on the City's landing page for greater optics.