

Infrastructure, Transportation and Safety Sub-committee
IDS Update Regarding Capital Projects, Engineering and Operations
February 2023

Capital Projects - 2022

Studies

- Transportation Master Plan Update
 - RFP for consultant services awarded to IBI Group, new Transportation Master Plan will be updated and incorporate the Bike and Pedestrian Master Plan
 - Round 2 Engagement summary report and Phase 1 Needs and Opportunities reports available on the Engage website
 - Phase 2 Alternative Solutions report and final Engagement summary report to be available February
 - Draft Final report underway
- 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 monitoring to be in place early spring
 - First open house scheduled early March

Reconstruction Projects

- Online Updates
 - Engage Stratford website being used to keep up-to date progress of ongoing projects and reconstruction jobs on the City's website
- Queen Street Storm Sewer
 - Tender awarded to Birnam Excavating Ltd.
 - Construction complete, final topcoat paving scheduled for early spring
- 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, boulevard and sidewalk restoration scheduled for spring, traffic control installation ongoing

- Sidewalk projects 2022
 - Walnut Street, Martin Street, Cambria Street from John to St. Vincent, John Street from north of Cambria to Centre
 - Tender awarded to Nicholson Concrete, work to commence in spring
- Argyle Street and McKenzie Street Reconstruction 2022
 - Full reconstruction with new watermains, sanitary and storm sewers
 - Tender awarded to Elgin Construction
 - Topcoat paving and minor restoration in 2023

Other

- Bridge and Culvert Improvements
 - RFP being prepared for a consultant to design the replacement of the concrete retaining walls near the CN overpass on TJ Dolan Drive
 - RFP for Consultant to design the deck rehabilitation for Dunn's Bridge awarded to B.M. Ross, work underway

Capital Projects – 2023 – subject to budget approval

Reconstruction Projects

- Albert Street Reconstruction – Waterloo to Front Street
 - Full reconstruction with new watermains, sanitary and storm sewers
 - Design ongoing including implementation of 'bicycle boulevard' treatments in accordance with new Transportation Master Plan recommendations
 - Open House to be scheduled February/March
 - Tender scheduled for April
- Asphalt Resurfacing 2023
 - Ontario Street from Queen to Waterloo and Erie Street from south of Ontario to West Gore – subject to receiving Connecting Link funding
 - Resurfacing of various streets – candidates include sections of John Street, Devon Street and McCarthy Road East
 - Design ongoing, tender scheduled for May
- Ontario Street Watermain Replacement – Parkview to Queen
 - Replacement of undersized watermain
 - Design complete, tender closes March 8, 2023

Other

- Bridge and Culvert Improvements
 - RFP for Consultant to design the deck rehabilitation for Dunn's Bridge awarded to B.M. Ross
 - Design options finalized, open house concluded February 8, report to sub-committee in March, tendering scheduled for March/April
- Concrete and Asphalt Restoration

- New multi-year tender to replace damaged concrete sidewalk, curbs and asphalt road cuts, including restoration works.
- Tender closing March 6, 2023
- Watermain Relining
 - Erie Street from Cambria to Monteith
 - Tender scheduled for early March
- 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.
 - Work scheduled to commence in the spring

Divisional Updates

Engineering Division Works

- 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

- Watermain breaks so far in 2023 = 3
- Our e.Ris server was down for 3 weeks but is now back online
- Staff have been able to complete some non-winter work recently with the lack of snow (valve maintenance)

Operations Update: Wastewater

- Long standing Wastewater Operator has retired after 21 years with the City. The internal posting is currently up for his replacement
- Similar to water, staff have been able to complete non - winter work such as manhole and sewer inspections with the mild weather

Operations Update: Water Pollution Control Plant

- Filter Underdrain #4 that failed in October was rebuilt and put back in service in late January.
- Filter Underdrain #3 failed last month and it will be repaired along with Filter #2. After these are replaced, all 4 filters will be new.
- The new UV system has been delivered and all prep work in the tertiary building is completed. OCWA is hopefully starting the installation in the next week. it should take approx. 3-4 weeks to complete the install and commissioning.

Operations Update: Public Works

Significant weather events kept the department busy in the early part of January.

- We do continue to see an increase in absenteeism into February. Several positive COVID cases and seasonal cold/flu have impacted the availability of staff
- RFQ's for the department have been posted, they include, catch basin cleaning, brush grinding, concrete crushing, bin rentals at the Landfill site, Hazardous Waste event assistance, excavators and trucks for short term City projects, in preparation for spring work
- The department continues to work on our Blue Box Transition with several governing bodies, transition date May 2024
- Crews have been busy with pothole work across the City
- Storm projects have continued into February with several rebuilds of manholes and catch basins, as well as storm sewer flushing
- Special Events continue to keep PW busy during the week and on weekends
- Planning is in place between PW and IT to upgrade our flow monitoring and landfill gas reporting systems at the Landfill
- PW and IT are also looking into upgrades for our landfill scale house software to create a much more efficient system for reporting and record keeping

Climate Change Internal Working Group

- **Green Recognition Program** underway, applications can be submitted on the City's website, climate change webpage. Deadline to submit applications is March 17, 2023.
- **Earth Day** event scheduled to take place during Earth Week April 16-22 , 2023 (weather permitting). Intent is to engage E&E, UTRCA, and community groups to participate in the planned planting of 250 native tree and shrub saplings.
- **Corporate Emissions Plan** in development, along with relevant KPIs to monitor/manage corporate GHG emissions on an annual basis.
- **Community Emissions Plan** in early stages of development.
- Ongoing stakeholder engagement with community led groups (Climate Momentum, ReLeaf), organizations (SDSS) etc.
- Ongoing work with Climate Change Working Group to advance carbon reduction strategies and seek funding opportunities.

- Based on Council priorities and direction, a **short, medium and long-term workplan** is underway, will be brought to ITS for consideration in Spring 2023.

Attainable Housing – Special Project

- investStratford leading project in partnership with the City. Implementation of Key Action Items from the “A Road Map for Attainable Market Housing Development” as received and approved by Council in June, 2021
- Midterm focus (September-December, 2022)
 - Draft policy direction, incentive programs, return on investment
 - Public and stakeholder consultations, online and in person
 - Additional time to review changes to the scope of the project with Bill 23 impacts in mind
- Long term objectives (January - May 2023) ongoing
 - Present recommendations report, Community Incentives Toolkit (CIT), pilot project concepts to Council
 - Public meeting re CIT
 - Support Council and City Staff in the development of pilot project concepts
 - Interim report provided to Council on January 23rd
- Internal working group members: Chief Administrative Officer, Director of Social Services, Manager of Housing, Director of Finance and Corporate Services, Director of Infrastructure and Development Services, Manager of Planning, Chief Building Official, Corporate Communications Lead, CEO of investStratford, Managing Director of investStratford