

Infrastructure, Transportation and Safety Sub-Committee  
IDS Update Regarding Capital Projects, Engineering and Operations

May 2023

**Capital Projects - 2022**

Studies

- Transportation Master Plan Update
  - RFP for consultant services awarded to IBI Group, new Transportation Master Plan to be updated to include the Bike and Pedestrian Master Plan
  - Round 2 Engagement summary, Phase 1 Needs and Opportunities, and Phase 2 Alternative Solutions reports available on the Engage website
  - Draft Final report being reviewed, council presentation to be scheduled in June/July
- 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 ongoing
  - First open house scheduled for June
- Various RFPs being prepared
  - Consulting services for Downie/Lorne intersection design
  - T.J. Dolan retaining wall replacement
  - Perth Line 36 culvert replacement

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 required
- 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, and final traffic control infrastructure ongoing

- Sidewalk projects 2022
  - Tender awarded to Nicholson Concrete Martin Street, John Street from north of Cambria to Centre, Cambria Street from John to St. Vincent are installed. Walnut Street to be complete by the end of May. Minor restoration ongoing.
- Argyle Street and McKenzie Street Reconstruction 2022
  - Full reconstruction with new watermain, sanitary and storm sewers
  - Tender awarded to Elgin Construction, construction complete

### **Capital Projects – 2023**

- Albert Street Reconstruction – Waterloo to Front Street
  - Full reconstruction with new watermain, sanitary and storm sewers
  - Design includes implementation of 'bicycle boulevard' and traffic calming measures in accordance with new Transportation Master Plan recommendations
  - Tender closed May 8, awarded to Birnam Excavation, project startup early June
- Asphalt Resurfacing 2023
  - Connecting Link funding application successful - Ontario Street from Queen to Waterloo and Erie Street from south of Ontario to West Gore. Funding spread over two years.
  - John Street from Huron to West Gore plus Ontario Street tender scheduled to close May 24. Additional sections of John Street to be added if budget allows.
  - Erie Street work to be tendered in 2024
- Ontario Street Watermain Replacement – Parkview to Queen
  - Replacement of undersized watermain
  - Tender awarded to Steve Smith Construction, Construction ongoing
- Dunn's Bridge Rehabilitation
  - Design of deck rehabilitation for Dunn's Bridge awarded to B.M. Ross
  - Tender awarded to Finnbilt General Contracting Limited, construction scheduled to begin in June
- Erie Street Watermain Relining
  - Erie Street from Cambria to Monteith
  - Tender closed March 21, report to council on June 12
- Concrete and Asphalt Restoration
  - New 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, minor restoration ongoing

- 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 end of July
- Waldies Lane Reconstruction
  - Design options and constructability issues being evaluated
- Pedestrian Crossing Improvements
  - Downie Street at Bruce Street, Romeo at McCarthy Road East, various other locations being evaluated
  - Design ongoing, tender scheduled for July
- Lorne Avenue Trunk Sewer Assessment
  - Background information being compiled, preparing tender

## **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 = 9
- Summer Student has started with the water dept. – assisting with the valve PM program
- Our Electrician/Scada Technician has resigned from the City after 14 years. We are holding interviews for his replacement next week (May 24th)

### Operations Update: Wastewater

- Our new Supervisor of Environmental Services started on May 15th, 2023. He will be overseeing the wastewater collection and stormwater management departments.

- We have 3 HSA excavations lined up for the next few weeks
- There are a few ongoing sewer investigations ongoing that will likely result in additional excavations

#### Operations Update: Water Pollution Control Plant

- The WPCP OCWA manager position is currently vacant and it will hopefully be filled in the next month
- Renee Hornick is acting as the plant Overall Responsible Operator for the time being

#### Operations Update: Stormwater

- New OM Manual draft is completed which includes an entirely new inspection program for stormwater management
- Staff are starting to build the digital inspection database and forms that will be used moving forward
- Reaching out to consultants to complete a needs assessment report for the stormwater management ponds within the City

#### Operations Update: Public Works

- Our first HHW event took place on May 13 at the Rec Complex. It was another successful event with 650 vehicles attending
- Concrete crushing was completed at the Landfill
- The department continues to work on our Blue Box Transition with CMO
- Brush grinding RFQ will be closing soon. Brush grinding provides residents and other City departments wood chips for gardens and pathways. It is also used for cover in the winter months at the Landfill site
- The asphalt plant is now open. Hot mix overlays have begun on City streets
- Storm Sewer preventative maintenance flushing and catch basin, manhole rebuilding are underway
- The catch basin cleaning program is now completed for 2023 with our contractor clearing over 3000 basins across the City
- Advantage Data Collection was once again the successful bidder for retro-reflectivity and sign inspection for the City of Stratford. Inspections will begin in the coming weeks
- Annual sidewalk inspections will begin shortly with the assistance of the engineering students
- Street sweeping continues with one full round of the City expected to be completed next week
- Updates are being planned for the Landfill methane burner system. The updates will move us closer to connecting the flare unit to our SCADA system which will allow for easier reporting to the MOE
- National Public Works Week is May 21-27

### **Climate Change Internal Working Group**

- the **Green Recognition Program** for 2022-2023 is complete.
- **Earth Day** event – tree planting - to take place on April 22nd at TJ Dolan Natural Area, weather permitting. City is partnering with Earth Day Canada (as a part of Mobilizing Municipalities Campaign) and UTRCA. Public communication ongoing.
- **Corporate Emissions Plan** in development, along with relevant KPIs to monitor/manage corporate GHG emissions on an annual basis- developed with input from CCWG; will seek feedback from staff/CMT/CLT next. Will request a workshop with Council when it is in final stages of development to provide information on where we are in terms of corporate emissions.
- **Community Emissions Plan** - public engagement (in-person and online) ongoing; online feedback can be provided at EngageStratford and in -person at the Earth Day Street Party, youth engagement at school, other in-person events will be planned for May.

### **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
- At the May 8th meeting of Council the Attainable Market Housing Final report was presented and received. Council provided direction that the City Corporate Leadership Team and investStratford continue the work and bring back recommendations with regards to the next steps. They also added that an environmental approach be applied to the attainable housing initiatives being presented to Council in the future.
- While this concludes the formal recommendation and report portion of the project the internal project team will reconvene during the spring/early summer to prioritize the next steps and set goals and timelines.
- 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