

Infrastructure, Transportation and Safety Sub-Committee

IDS Update Regarding Capital Projects, Engineering and Operations

July 19, 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
 - Round 2 Engagement summary, Phase 1 Needs and Opportunities, and Phase 2 Alternative Solutions reports available on the Engage website
 - Draft Final report and council presentation in August
- 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 on Engage
- Various RFPs 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 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 ongoing, John Street scheduled for August/September
- Ontario Street Watermain Replacement – Parkview to Queen
 - Replacement of undersized watermain
 - Tender awarded to Steve Smith Construction, Construction complete, restoration ongoing
- 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 starting end of August, after completion of CN work on rail crossing
- 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 Morningson, O’Loane between Brown and Thomas, other locations
 - Tender scheduled for end of August
- 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
 - Design ongoing, tender scheduled for July/August
- 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 = 11
- Ongoing summer maintenance – Valves and Hydrants
- High Lift Pump #3 at Romeo Control Centre back in service
- Many commissioning projects (Albert, Ontario, Developments)

Operations Update: Wastewater

- Normal summer maintenance programs ongoing – Sewer inspections, flushing, etc.
- Excavations planned for this month (Glendon and Crooks)

Operations Update: Water Pollution Control Plant

- The WPCP is experiencing normal summer flows with the exception of 2 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.
- Implementation of new ECA Maintenance programs expected to begin this summer
- All new inspection and MECP required documentation has been developed.

Operations Update: Public Works

- The department continues to work on our Blue Box Transition with CMO with the final service agreements prepared to go to council
- Hot asphalt applications continue throughout the City
- Storm Sewer preventative maintenance flushing and catch basin, manhole rebuilding continue

- Advantage Data Collection have completed inspections for retro-reflectivity. Traffic crews are now working through the deficiency list and replacing signs that have not passed inspection
- Stop bar and crosswalk painting is nearing completion across the City
- The department has been busy servicing Special Events
- The Canada Day event was a huge success with PW staff assisting in the coordination of the event
- Vacation season is in full swing as the department shuffles staff to ensure tasks are being completed
- The landfill is accepting grindings for the Ontario St. project. The grindings are being used to resurface internal roads at the landfill site
- Don Robertson will be retiring from PW at the end of July. Don has been with the City since 1998 filling various roles. We wish Don all the best in his retirement
- Tenders are currently out for multiple mid-size vehicles for City fleet

Climate Action Division

- Phase 2 engagement of the Community Climate Action Plan: Anticipating a 3–4 week window in August, intend to seek feedback from the public on the draft list of actions. The intent is to gather feedback from an array of stakeholders, including the public, advisory committees, business and industry representatives etc. Phase 1 engagement helped Staff identify key priority areas and actions that the community is interested in pursuing as they contribute to our collective emission reduction goals.
- In line with updated Ontario Regulation 25/23: Broader Public Sector: Energy Reporting and Conservation and Demand Management Plans (under the Electricity Act, 1998), Staff is working to streamline reporting in compliance with this legislative requirement and have all related updates consolidated on the website.
- Staff intends to bring forward a corporate-wide energy and emissions reduction strategy in Q4 2023 to seek endorsement of Council for its implementation.
- 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 City won the 'commuter cup' in the month of June, followed by BIA in July.

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 8, 2023 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 is reconvening this August 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
- Future updates for this project will be provided with the Building and Planning Department updates.