

**Infrastructure and Operations Committee  
Special Committee Meeting  
Thursday, February 13, 2020  
5th Floor Boardroom – City Hall**

**Present:**

Councillor Mayne, Committee Chair  
Councillor Anthony, Committee Vice Chair (11:33 a.m. to 12:45 p.m.)  
Councillor T. Vrebosch, Committee Member  
Councillor Brousseau, Committee Member (11:33 a.m. to 12:48 p.m.)  
Councillor B. Vrebosch, Committee Member (11:49 a.m. to 1:00 p.m.)  
Councillor King, Committee Member  
Councillor Robertson, Committee Member  
Councillor Mendicino, Committee Member  
John Severino, City Engineer  
Adam Lacombe, Senior Capital Program Engineer  
Reid Porter, Infrastructure Engineer  
Gerry McCrank, Senior Project Manager  
David Jackowski, Manager of Facilities  
Domenic Schiavone, Director of Public Works and Parks  
Karin Pratte, Senior Facilities and Environment Engineer  
Gord Young, Communications Officer

**Minutes:**

The Committee Chair, Councillor Mayne, called the meeting to order at 11:33 a.m.

1. Welcome and Introductions.

The Chair advised the Infrastructure and Operations Committee that this meeting was to provide progress updates on current projects. Financial details will be coming forward through the April Variance report to Council that will provide the financial status of all projects.

2. Review Major and Notable Capital Projects:

(i) **2020 Construction (Carry-Over from 2019):**

Gerry McCrank:

(a) Cassells Street - King to Hwy 11/17 and Chippewa Creek Bridge:

- This is a two year project.
- Phase 1 – Chippewa to Princess
- Phase II - Princess to King
- Phase III – Chippewa to Olive – 2020
- Phase IV – Olive to Hwy 11/17 - 2020
- It is a total reconstruction from King Street to Hwy 11.
- Starting at the west end and working towards the Highway.
- Replacing watermains, sewers, storm sewers, Chippewa Creek Box Culvert, widening the road, relocating the above ground utilities to underground.
- It is expected that this Project will start again in mid-April weather permitting.
- This project is expected to be completed November 2020.
- How long will the construction of the bridge over Chippewa Creek take?
  - This will take a good part of the summer.
- Some of the businesses in this area had some concerns regarding the signage that was provided during last year's construction. What can be done this time to ensure that the signage and the information is out there?

- Will work with the Communications Officer to ensure that the information is public.
  - The contractor as part of the contract had detour signage up but with the amount of detours it was hard for individuals to follow the detour signs.
  - An open house was held before beginning the project and we can look at holding another one before the project starts again this year.
- (b) Gertrude Street Sewage Lift Station and Forcemain:
- New sewage lift station and forcemain to replace the existing system.
  - This project includes 76.0L/triplex pumping station 200m of 375mm diameter trunk sanitary sewer and 420m of 250mm diameter forcemain (380m were installed by City forces) outletting to a sewer at the intersection fo Whitney Avenue and Gertrude Street.
  - Expected to be completed in April 2020.
  - Restoration of Gertrude Street will begin in the Spring.
  - The old pumping station needs to be removed and decommissioned.
  - The intersection of Gertrude and Knox will be redone.
- (c) Seymour Street and Highway 11/17 Intersection Widening:
- This project is the widening of Highway 11/17 and Seymour Street intersection to provide additional Southbound, Westbound and Eastbound dual left turn lanes including new storm sewers and traffic lights.
  - Will provide improvements to the Seymour Street and Hwy 11/17 intersection that will accommodate growth and address the need for additional capacity due to the existing and future expansion of industrial/commercial developments.
  - The contractor anticipates completion of the work around November 2020.
  - Under this contract rock blasting may only occur between 9:30 a.m. and 3:00 p.m. Additionally the adjacent lane must be closed for separation from the rock blasting activity and traffic. This has caused traffic delays.
  - The City has issued weekly public service announcements to try and redirect traffic from this intersection.
  - Will there be a public meeting again with the businesses in the area once the project is ready to start up again?
    - If there is time the City can do this.
  - Has anyone spoken with EMS regarding the congestion of traffic?
    - The City has been in contact with EMS. EMS has advised that they would use an alternate route as the need arises.

(ii) **2020 Construction (New):**

Adam Lacombe:

- (a) Algonquin/Jane/Front Intersection:
- This is a flex-project meaning that if the funding that has been applied for is approved than the project will proceed.
  - There is a higher than standard level of left turn accidents in this intersection.
  - Widen intersection to add dedicated left turn lanes.

- Some traffic impacts can be expected but will maintain one lane in each direction.
  - If funding is granted the Tender will be in the summer of 2020 and complete construction ended in the Fall of 2020.
- (b) West Link Pathway & Main/Memorial Intersection:
- Final piece to connect end of Kat Pace Way to Gormanville.
  - Continuous path from south to north end of City.
  - Tender April 2020 to be completed by the end of Fall.
- (c) Splash Pad - Phase II:
- Phase II of this project will be the installation of sunshades.
  - Benches may be also installed depending on the cost.
  - The Tender for the sunshades closes in a week and the project should be completed by the end of May.

Reid Porter:

- (d) Carriage Crescent:
- Project will be the complete reconstruction of the roadway, curbs, gutters including the replacement of the storm sewer network and sanitary sewer maintenance holes.
  - The sanitary sewer pipe is PVC and appears to be in good condition – only the maintenance hole structures will be replaced due to structural and infiltration issues.
  - The watermain is also PVC with no history of breaks therefore does not require replacement.
  - Construction is planned to begin in July 2020 and is estimated to be completed by the end of October 2020
- (e) Pinewood Park Left Turn Lane and Sanitary Sewer Extension:
- Continuation of the sanitary sewer along Pinewood Park Drive.
  - December 2019 the replacement of the Cooks Creek Culvert was completed.
  - This project includes the extension of approx. 80m of sanitary sewer from Decaire road to Casino Development including the addition of the left turn into the Casino Development.
  - Construction is planned to begin in May 2020 and is estimated to be completed by the end of July 2020.
- (f) Resurfacing 2020 On-going:
- On-going annual program to maintain and/or restore the riding surface of the urban City streets.
  - Work may involve asphalt, grinding, pulverization, recycling, crack sealing, drainage improvements, curb and boulevard restoration.
  - Currently have a preliminary listing of the streets to be worked on once the final costing has been completed a final list of the streets will be provided to Council.
  - Work will begin once the asphalt plants open in the Spring and will be completed by no later than the end of October.

Gerry McCrank:

- (g) Cured-In-Place-Pipe-Liner West Ferris Trunk Watermain:
- This project involves the trenchless rehabilitation of approx. 2,400m of 400mm ductile iron watermain adjacent to the Kate Pace Way from Judge Street to Marshall Avenue using a Cured-In-Place-Pipe (CIPP) Liner (CIPP).
  - The existing ductile iron watermain was installed in 1966 and was noted to be in an advanced stage of deterioration in 2010.
  - As maintenance to this section of watermain increased the City installed anodes along its alignment to counteract the corrosive nature of the soils.
  - Tender will be awarded in the Spring.
  - Construction will proceed in phases over the summer months with restoration planned for the Fall 2020.
  - This project is expected to be completed in November 2020.
- (h) Wallace Road Sewage Lift Station and Forcemain:
- This project involves the construction of a new sewage lift station and forcemain to replace the existing system and includes a 200m of 375mm diameter trunk sanitary sewer, 396m of 200mm diameter forcemain and a 50 L/S triplex pumping station.
  - The existing Wallace Road SPS has reached the end of its useful life.
  - The dry well that houses the pumps is in an advanced stage of deterioration due to close proximity to the road. Winter salt has caused significant corrosion to the dry well, generator housing and control panel kiosk.
  - The new build will be in the corner of Optimist Park.
  - During construction access through Wallace Road will be impacted by the removal of the existing sewage lift station and installation of the trunk sewer and forcemain. Traffic will be decreased to one lane at times using temporary traffic lights and may require local detours for short period of time.
  - Expected completion will be the end of December 2020.

Domenic Schiavone:

- (i) Lavase Phase 2:
- Water and Sewer only.
  - Working on an easement therefore there will be no traffic interruption.
  - Expected completion mid-August the project is being completed in-house.
- (j) Lakeshore Drive Watermain:
- This is on-going project.
  - Banner to Marshall Avenue – replace the trunk watermain.
  - Minimal impact on traffic will keep two lanes open at all times.
  - Completion date is May to mid-June 2020.
- (k) Lakeshore/Howard/Clifford Looping:
- Replacing old infrastructure
  - Replacing 2" galvanized lines to 6" PVC lines
  - Currently working on a small section.
  - Expected completion – August 2020.

Karin Pratte:

- (l) Merrick Landfill Gas Wells:
  - Began in 2019 – 9 vertical gas wells.
  - Will be on-line within the next week.
  - Collecting gas from closed cells 5 and 6.
- (m) CFB Reservoir Replacement:
  - CFB reservoir being decommissioned.
  - New standpipe will be located at the North Bay Airport.
  - Will decrease THM levels.
- (n) Wastewater Treatment Plant Electrical upgrades:
  - The City completed a WWTP Master Electrical Plan.
  - On-going projects.
  - Installing a new electrical room in the centrifuge building.
- (o) Wastewater Treatment Plant Roof and Brick Replacement:
  - There are 12 buildings and facilities that were built from 1959-1961.
  - Will be re-bricking and replacing the roof on the gas booster building this year.
- (p) Merrick Landfill Cell 8:
  - Cell 8 liner will be built this summer & open in the fall.
  - Will Cell 8 be producing methane gas?
    - No. The cell needs to be closed and capped before it can produce gas. Cells 5 and 6 are fully capped.

Domenic Schiavone:

- (q) Public Works Backup Generator Replacement:
  - There are a variety of Agencies that fuel at the Public Works Yard.
  - Generator that is currently in place is quite old.
  - A new generator will ensure that during a power outage fuel will not be impacted.
- (r) Watermain Ongoing (Flushing, looping, relining, hydrant and valve rehab):
  - These are in-house projects.
  - On-going maintenance for the past 10-12 years.
  - This has reduced the number of breaks and valves letting go.
- (s) Roads and Traffic Ongoing (Ditches, Storm, Bridges, Sidewalk, Traffic, Culverts, Rural Roads Resurfacing):
  - This was part of the 2020 Capital Budget.
  - Includes road resurfacing, base repairs, ditching which will be done in-house, paving (contractor).
  - 500-600 Anita Avenue Block will be paved with an asphalt surface similar to Penninsula Road.
  - Cooks Mills Road will be surface treated.
  - The box culverts on Carmichael Drive will be replaced.
  - Glen Rouge to Parkwood – sidewalk from school to Tackaberry Drive.

David Jackowski:

- (t) City Hall Lobby Renovations:
  - This project will be tendered in March.
  - With a completion at the end of September.

- Before construction commences Council needs to look at this design again and have a discussion regarding the lobby.
  - The Chair advised that this concern would be brought back to the C.A.O.

(iii) **Other Notable Projects (Near-Term Future Construction)**

Reid Porter:

- (a) Pinewood Park & Lakeshore Drive Intersection (2021):
  - RFP will be issued next week for the Environmental Assessment.
  - Environmental Assessment (EA) will take approximately one year.
  - Once EA is complete an RFP for a detailed design will be issued.
  - Construction will take place in 2021/2022.
- (b) Trout Lake Road (Mountainview to Lees Road) (2021):
  - The City has applied for Connecting Link funding from the Ministry of Transportation. Should have a response within the next couple of weeks.
  - If not approved the City will try again next year for the funding.

Adam Lacombe:

- (c) O'Brien (Ski Club to Airport & Ski Club Signals) (2021):
  - It has been determined that the traffic congestion at this intersection will require a traffic signal.
  - Once the traffic signal is installed the four way stop sign will be removed.

Gerry McCrank:

- (d) Premier SPS (2021):
  - Will be completed the Class B Environmental Study this year.
  - Will issue the Design Tender in 2021
  - This project is depending on the funding application made to ICIP (Investing in Canada Infrastructure Program).

Adam Lacombe:

- (e) McKeown (Gormanville to Cartier) (2022):
  - The City has made a ICIP Funding Application in relation to this project.
  - Project will include four laning, new sidewalk on the south side, recreation path on the north side.
  - Again dependent upon funding application.
- (f) Main (Sherbrooke to Cassells) (2022)
  - This project is part of the Downtown Waterfront Master Plan.
  - Currently completing a RFP.

Gerry McCrank:

- (g) King's Landing (Future)
  - The Environmental Assessment has been completed.

Break: 12:48 p.m. to 12:50 p.m.

Meeting adjourned at 1:00 p.m.

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Councillor Mayne  
Infrastructure and Operations  
Committee Chair

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City Clerk Karen McIsaac