



Basement Flooding Protection Program Sewer Upgrades on Old Mill Drive and Catherine Street

Councillor Perks – Ward 4

Virtual Trailer No.6 – August 03, 2023

Action Items from July 06, 2023 Virtual Trailer #5

1. Contract Administrator to inspect the location of the bypass hoses and ensure that the sidewalks are accessible.

- The bypass hoses were inspected and the sidewalks are accessible.
- The two bypass hoses in the roadway were removed on Tuesday, August 1, 2023, upon completion of the Sanitary and Storm repairs.
- During the duration of the MTBM work, the storm syphon bypass hose will remain in Traymore park to avoid overland flooding in the park.



Action Items from July 06, 2023 Virtual Trailer #5

2. Contract Administrator to inspect the condition of Traymore Park and the garbage cans.

- The garbage cans were inspected in Traymore Park and confirmed to be in satisfactory condition.
- Site staff have been directed to clean the green organic waste sign.
- Any impacts from this Contract work will be restored to pre-existing condition prior to completion of the Contract.
- Impacts to the grading in the park have been reviewed and will be restored to pre-existing conditions.



Action Items from July 06, 2023 Virtual Trailer #5

3. **City staff will follow-up with Transportation Services staff on the status of installation of the light poles.**
 - Transportation Services, Traffic System Construction and Maintenance have advised that Toronto Hydro is the entity responsible for the installation of the light poles.
 - City staff have contacted Toronto Hydro for a date for the repair and Toronto Hydro confirmed that their contractor is working on the design drawings and that the aluminum poles have been received.
 - Once Toronto Hydro has approved design drawings and confirmation from their contractor, they will provide an estimated installation date.

4. **Notices will be distributed by the City ahead of the sanitary repairs at 2 Old Mill Drive.**
 - Repairs to the sanitary sewer are now completed.
 - Notices for the July 18, 2023, closure to the driveway entrance at 2 Old Mill Drive for the Sanitary repair work were distributed on July 14, 2023.
 - Unfortunately, the work in front of the 2 Old Mill driveway took longer than expected and notices for an additional closure on July 19, 2023, were distributed on July 18, 2023.

Status of Work – Progress Update

Ongoing Sewer Work

- The ground stabilizing operations on Old Mill Drive have been completed, including a quality check to ensure the ground improvements meet the designed makeup and stability requirements.
- The ground stabilization equipment has been demobilized from the work zone and site staff continue to monitor the ground conditions for any signs of settlement, if they occur.
- The receiving shaft is being pumped down and cleaned out to allow the MTBM retrieval work to proceed.
- The Contractor has repaired the sanitary sewer and removed the bypass equipment associated with the sanitary sewer.
- The Contractor has repaired the storm sewer around 1&2 Old Mill Drive. This sewer will be decommissioned and upgraded as part of the contract scope.
- During the duration of the MTBM work, the storm syphon bypass hose will remain in Traymore Park to avoid overland flooding in the park.

Status of Work – Progress Update

Sequencing of work

- The Contractor has repaired the storm sewer around 1&2 Old Mill Drive.
- After the receiving shaft is fully pumped down and cleaned out , the Contractor will mobilize back at the receiving shaft to proceed with recovering the MTBM, which is estimated to take approximately 6-8 weeks.
- After recovering the machine, the infrastructure work to connect the new storm sewer will commence with an open-cut sewer connection at the Riverside Drive shaft, followed by the open-cut maintenance hole work on Old Mill Drive for the tunnelled storm sewer.
- City staff are reviewing the requirement for two separate maintenance holes on this stretch of sewer and have requested an exception from the City standard. Toronto Water is reviewing this request and more information will follow.
- Lastly, after the open cut construction is completed, all outstanding restoration of the site on Catherine Street and Old Mill Drive will be completed starting in the Fall of 2023.
- Due to Winter season, there is a slight possibility of some minor restoration work being carried over to Spring 2024, but we will make every attempt to mitigate delays.

Status of Work – Progress Update

Spill at the Outfall to Humber River at Etienne Brule Park

- A Spill was identified on April 25, 2023 at the Outfall to Humber River of construction material/sediment.
- The Contractor is monitoring and maintaining the two containment dams installed on April 25, 2023.
- The Contractor is communicating with MECP, who visited the site on multiple occasions and are satisfied with current conditions.

Additional Spill at the Outfall unrelated to this Basement Flooding Protection Program (BFPP) contract.

- Another spill was identified at the outfall to Humber River at Etienne Brule Park the week of June 5 by Toronto Water. The spill was from an old existing storm headwall connecting to an alternate storm sewer system, not the newly constructed headwall and storm sewer part of the BFPP scope.
- Toronto Water installed and is monitoring containment dams at this location.

Status of Work – Progress Update

Water Service Upgrades

- Completed at properties where substandard conditions were identified.
- Upon commencement of the MTBM recovery operations, the Contractor will have the crew availability to conduct the investigations for the two outstanding water service upgrades. Lead kits were distributed to the properties but are not necessary until disturbance to the service when an upgrade is performed. The remaining water service work will commence when the Contractor has available resources as the focus has been on the ground improvement and MTBM rescue work.

Restoration

- An overall assessment of impacted sidewalks, sod and road required for restoration due to construction will be reviewed upon completion of underground work.
- Contractor will restore driveways and sod in the Fall 2023. Due to Winter season, there is a slight possibility of some minor restoration work being carried over to Spring 2024, but we will make every attempt to mitigate delays.
- Some sod restoration for areas impacted by Water Service upgrades have been completed as an interim solution to maintain safety and cleanliness.

Old Mill Drive Work Schedule

Key Work	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Spring 2024*
Ground Improvements Phase 1 - Compaction Grouting	■									
Ground Improvements Phase 2 - Jet Grouting		■	■							
Sanitary/Storm Works, shaft cleaning				■	■					
Recovery of Microtunneling Boring Machine (MTBM)					■	■				
Installation of remaining sewer infrastructure							■	■		
Restoration (Road, Boulevard, Driveways, Sod, Park etc.)								■	■	■

Please note, timelines are subject to change and community will be notified if any updates are necessary.

*There is a slight possibility of some minor restoration work being carried over to Spring 2024, but we will make every attempt to mitigate delays.