



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

Councillor Perks – Ward 4

Virtual Trailer No.8 – October 05, 2023

# Action Items from Sep 07, 2023 Virtual Trailer #7

- 1. City staff to review if window washing can be included as part of the remedial work.**
  - City staff are currently reviewing if window washing can be included as part of the remedial work in the Spring.
  - To proceed, City will confirm which windows would require cleaning.

# Action Items from Sep 07, 2023 Virtual Trailer #7

## 2. City staff to investigate fencing and accessibility near the Green P parking lot.

- The fence has been inspected, reinforced, to ensure its accessibility and security.



# Action Items from Sep 07, 2023 Virtual Trailer #7

## 3. City staff to confirm the frequency of the use for vacuum trucks.

- The vacuum truck is present on-site daily to remove excavated material used in the installation of wooden lagging for tunnel shoring. It operates intermittently, primarily when material needs to be removed, rather than continuously throughout the day.



# Action Items from Sep 07, 2023 Virtual Trailer #7

## 4. City staff will provide link of the Bloor Street West Complete Street Extension (Bike Lane project).

- The following is the link of the Bloor Street West Complete Street Extension  
[Bloor Street West Complete Street Extension – City of Toronto](#)  
Contact [bloorcompletestreet@toronto.ca](mailto:bloorcompletestreet@toronto.ca) , 416-338-1066
- The above information was also included in the summary of the Virtual Trailer No.7.

## 5. Councillor office staff to update the Virtual Trailer meeting link to reflect the revised hour.

- The Virtual Trailer meeting link has been updated to reflect the new revised timing of 4:00 pm.

# Action Items from Sep 07, 2023 Virtual Trailer #7

## 6. City staff will present details on the restoration work at the next Virtual Trailer meeting No. 8.

### I. Etienne Brule Park

- Parking Lot paving resurfacing
- Entrance Ramp paving resurfacing
- New P gate at park entrance
- Landscaping restoration

### II. Catherine Street

- Full width road resurfacing
- Line painting with bike stencils for bike pathway
- New stop sign
- Replace existing concrete sidewalk depressions with accessible tactile plates



# Action Items from Sep 07, 2023 Virtual Trailer #7

## III. Old Mill Drive

- Full Softscape (landscaping and trees) and hardscape (driveways, sidewalk and curbs) restoration to match the pre-existing conditions for each property impacted as a result of the construction work.
- Half roadway restoration (Trench Cut restoration) from Catherine Avenue to Riverside Drive.
- Full width road restoration intersection at Old Mill Drive and Riverside Drive including red brick pavers.



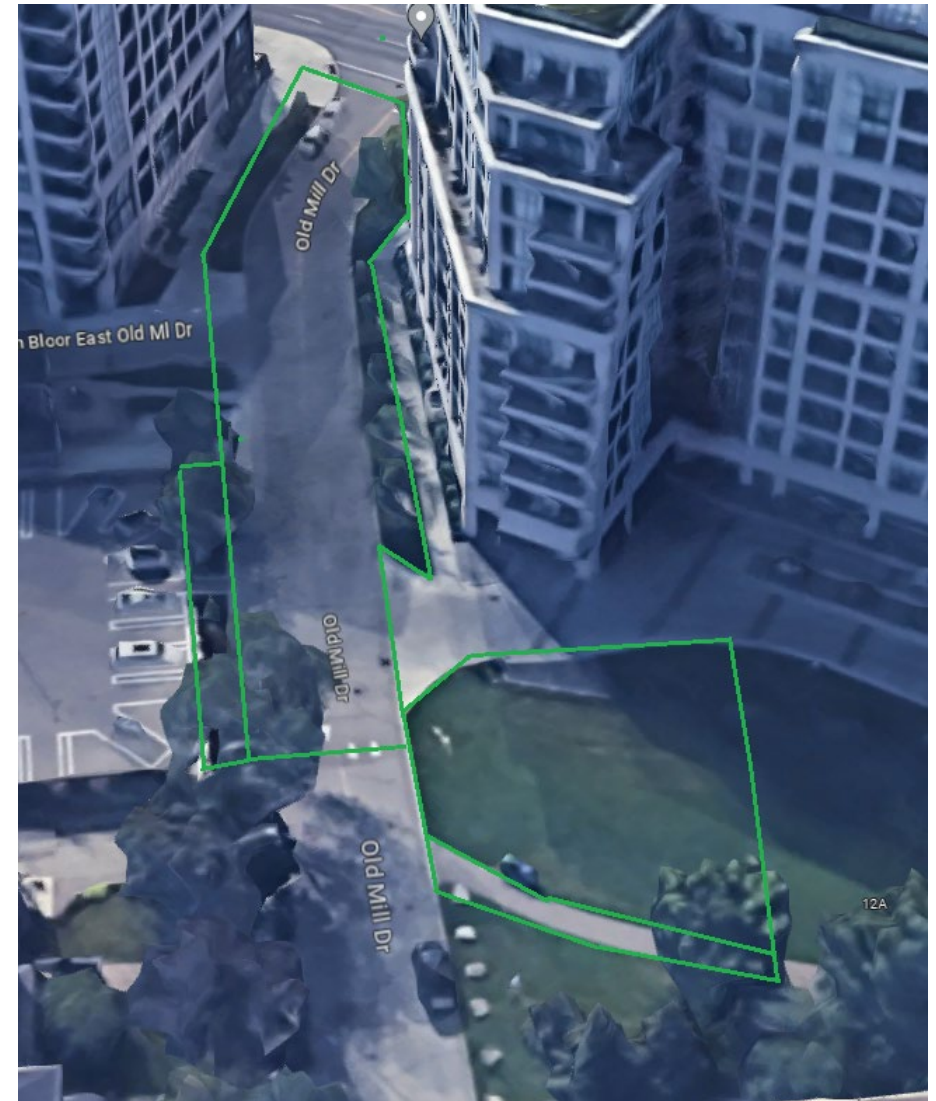
# Action Items from Sep 07, 2023 Virtual Trailer #7

## III. Old Mill Drive

- Full roadway restoration from Bloor Street West to Traymore Park.
- Boulevard Trees at 1 Old Mill Drive to be reinstated by Parks, Forestry and Recreation.
- Stone wall and landscape located in Green P parking to be reinstated by Toronto Parking Authority (TPA) .

## IV. Traymore Park

- Restoration of boulevard grass area impacted due to laydown area for MTBM recovery operations.
- Pedestrian walkway paving resurfacing.





# Action Items from Sep 07, 2023 Virtual Trailer #7

## 7. City staff to consult with the Bridges Structure and Expressway (BSE) unit, regarding the increased volume of traffic on the Old Mill Bridge.

- The City's Bridges, Structures, & Expressways Asset Management unit and their consultant conducted an assessment of the Old Mill Bridge over the Humber River on June 26, 2023. The assessment confirmed that “The current condition of the bridge is considered overall Good and does not show any significant sign of structural distress”.
- Bridges, Structures, & Expressways carries out inspections every 2 years, and the next inspection for the Old Mill Bridge will be in 2025.



# Action Items from Sep 07, 2023 Virtual Trailer #7

## 8. City staff will contact the resident who raised the accessibility concerns to request further details.

- City staff is actively trying to contact the resident who raised concerns about accessibility in order to gather more information. Despite making multiple phone call attempts, City staff have not been successful in reaching the resident.
- The construction area has been inspected, to ensure its accessibility and security.
- Field Ambassador, Aleesha Harris, at the BFPP hotline (416-338-5497) or at [BFPP@toronto.ca](mailto:BFPP@toronto.ca).

# Status of Work – Progress Update

## Ongoing Sewer Work

- Ground stabilization operations completed. Receiving shaft pumped down and cleaned out.
- The contractor has mobilized back at the receiving shaft to proceed with recovering the MTBM.
- On Friday, September 22, 2023, the contractor set up a crane and successfully removed the head section of the MTBM from the tunnel and the shaft.
- The Contractor has actively been working on the breakout of grout material to facilitate the installation of wooden lagging within the tunnel from the steel casing towards the tail section of the MTBM.
- Work on site is progressing well and it is anticipated that the work to remove the tail can section of the MTBM will take place in 1-2 weeks.
- 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



On Friday, September 22, 2023, MTBM's head retrieval operation.

# Status of Work – Progress Update

## Sequencing of work

- A crane and pulley system will be set up to retrieve the MTBM's tail. This system will carefully lift and move the MTBM's tail into the shaft, allowing for its removal.
- After recovering the machine, the infrastructure work to connect the new storm sewer will continue with an open-cut sewer connection at the Riverside Drive shaft, followed by the open-cut maintenance holes (including OD6 and OD7) work on Old Mill Drive for the tunnelled storm sewer.
- Lastly, after the open cut construction is completed, all outstanding restoration within the limits of construction will be completed.

# Status of Work – Progress Update

## Spill in Maintenance Hole at Etienne Brule Park

- Spill was identified on September 15, 2023, and subsequently September 17, 2023, at the downstream sanitary maintenance hole at Etienne Brule Park.
- Toronto Water crew promptly arrived onsite, on September 15, 2023, and September 18, 2023, equipped with a vacuum truck to address the issue by cleaning and removing the blockage.
- The contractor conducted cleaning operations in the vicinity of the surcharged maintenance hole, park entrance, and parking lot at Etienne Brule Park using a flusher truck and sweeper truck to remove any remaining materials.
- The City is conducting an investigation by utilizing video camera to inspect the existing sanitary sewer on Old Mill Drive from Bloor Street West to Etienne Brule Park. In addition, site staff will continue to monitor and document the situation.

# Status of Work – Progress Update

## Water Service Upgrades

- Completed at properties where substandard conditions were identified.
- Given the large equipment required for the water service investigation related to the two outstanding upgrades, it has been confirmed that this assessment will be conducted once access becomes available on Old Mill Drive. This decision aims to prevent any further traffic disruptions within the community. Lead kits were distributed to these 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

- Some sod restoration for areas impacted by Water Service upgrades have been completed as an interim solution to maintain safety and cleanliness.
- An overall assessment of impacted trees, sidewalks, sod and road required for restoration due to construction will be reviewed upon completion of underground work and restore to preconstruction conditions.
- Given the Winter season, it is anticipated that some restoration work is being carried over to Spring 2024.

# 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.