



# **Ontario Line Pape-Danforth & Sammon Construction Liaison Committee**

**June 4, 2025**

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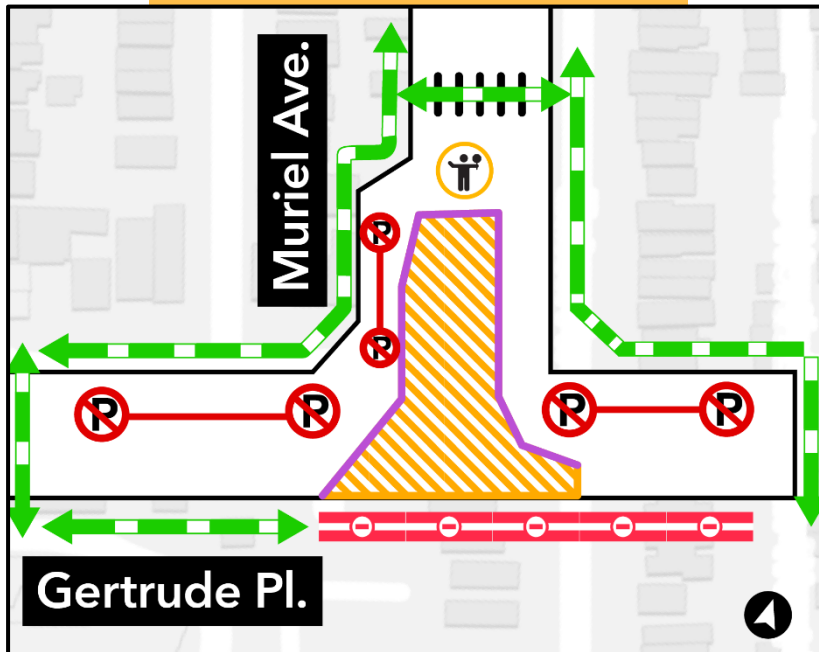
# Pape Support of Excavation Updates

GIP

# Gertrude Jet Grouting Stages

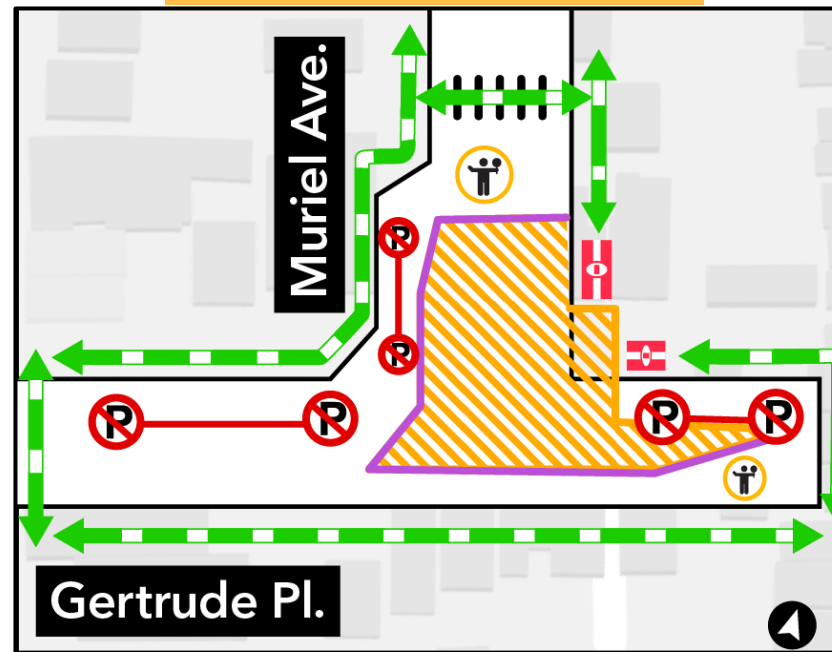
## Stage 1

Ongoing until  
October 2025\*



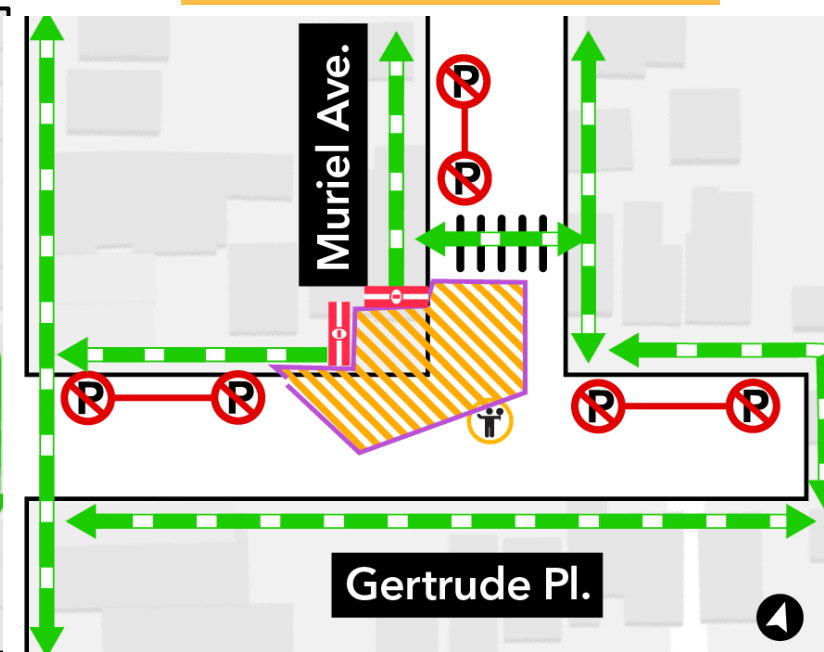
## Stage 2

November -  
December 2025



## Stage 3

January 2026 -  
February 2026



**All work Monday - Saturday  
Day shift only**

- |                   |                    |
|-------------------|--------------------|
| Pedestrian access | Work zone          |
| Sidewalk closure  | Restricted parking |
| Traffic Control   | Noise barrier      |

\*Pending completion of emergency sewer works. All timelines are tentative. Hydrovac works will begin at 9am on Saturday. All other works will begin at 6am on Saturday.

## New layout at Pape and Danforth

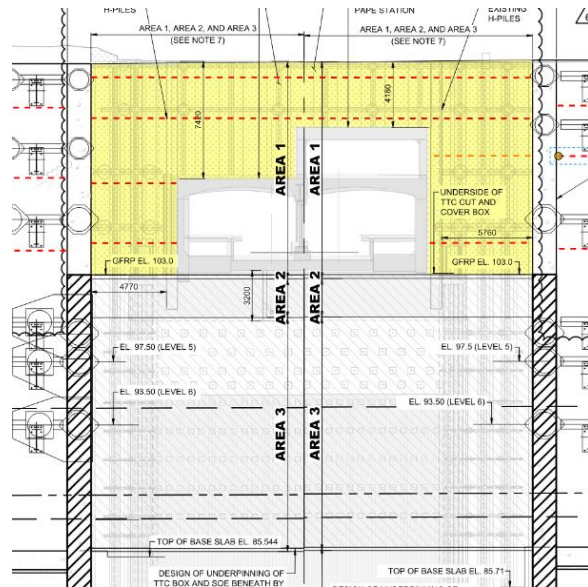
- New gate location closer to Eaton Avenue
- Westbound traffic and bike lanes shifted over traffic deck
- Work zone in center of Danforth Avenue (for Danforth jet grouting works).
- Sidewalk on the west side of Eaton Avenue re-opens in mid-June.



# Upcoming Works

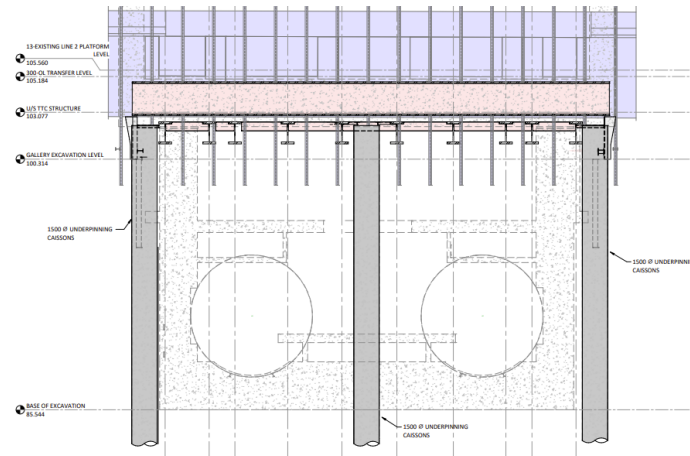
## Area 1: Exposing the TTC box

1. Install **soldier piles**
2. Install **deep secant wall**
3. Install **TTC support Caissons**
4. **Excavate** Area 1 in stages.



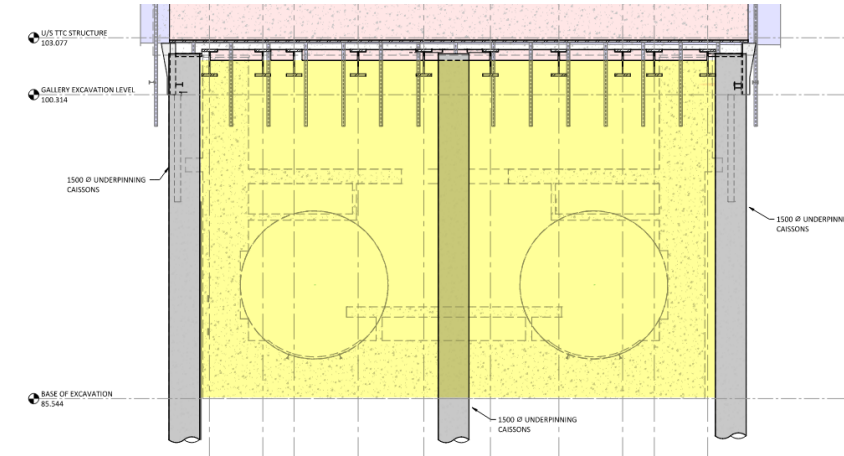
## Area 2

**Underpinning** the existing TTC structure



## Area 3

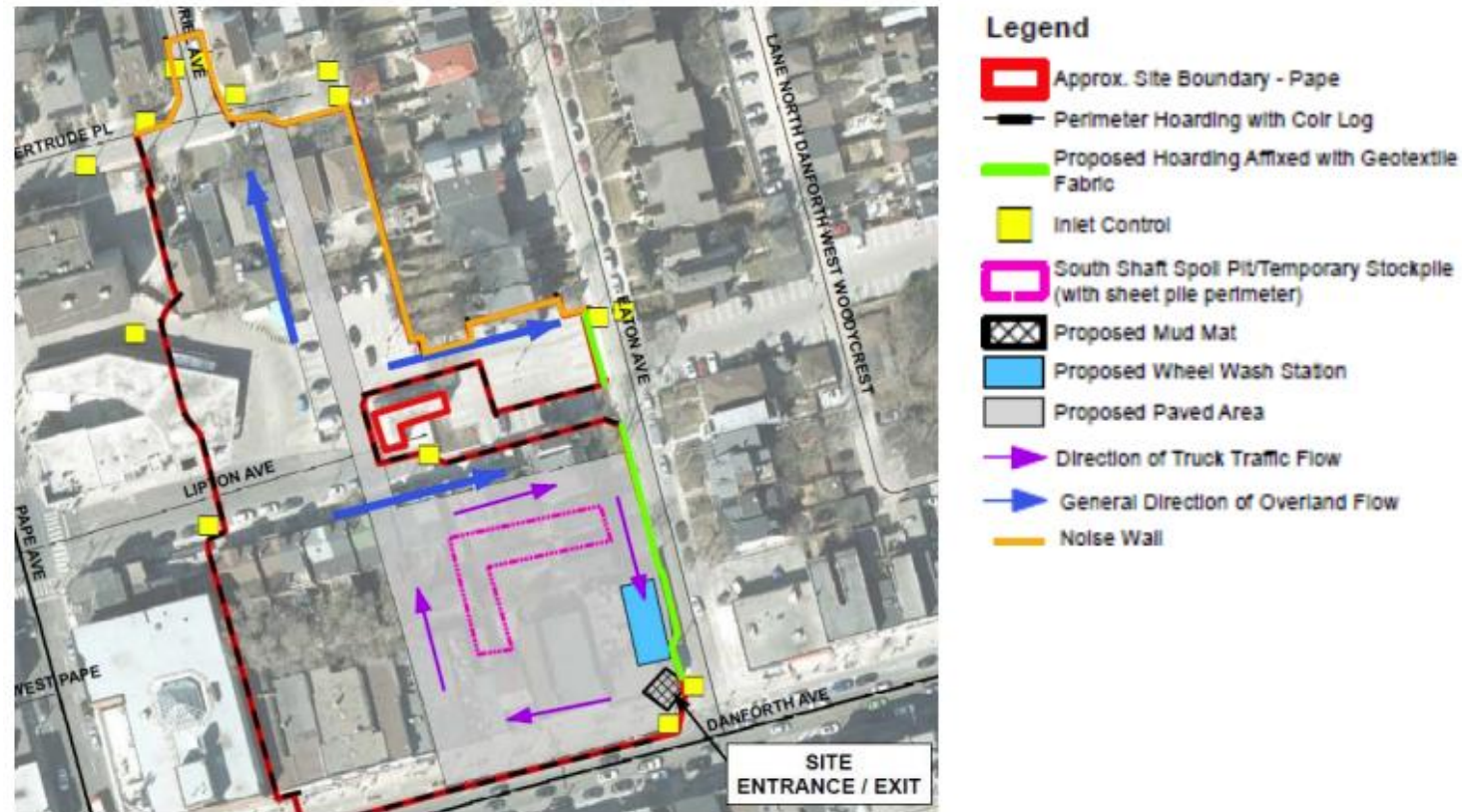
**Excavating** under the existing TTC structure





## Environmental mitigation strategies moving into the next phase of construction at the Pape site

- On-going monitoring and real-time alerts
- Erosion and Sediment Controls:
  - Paving site
  - Boundary Controls (geotextile fabric to be added along site fence)
  - Mud Mats
  - Applying Water
  - Covers on Trucks
  - Street Cleaning (sweeper truck)
  - Inlet Controls
  - Wheel wash station at Danforth gate (clean truck wheels prior to exit)
  - Raised curb within our site, along Eaton Ave.
- Proposed new sound wall to be installed at some locations.

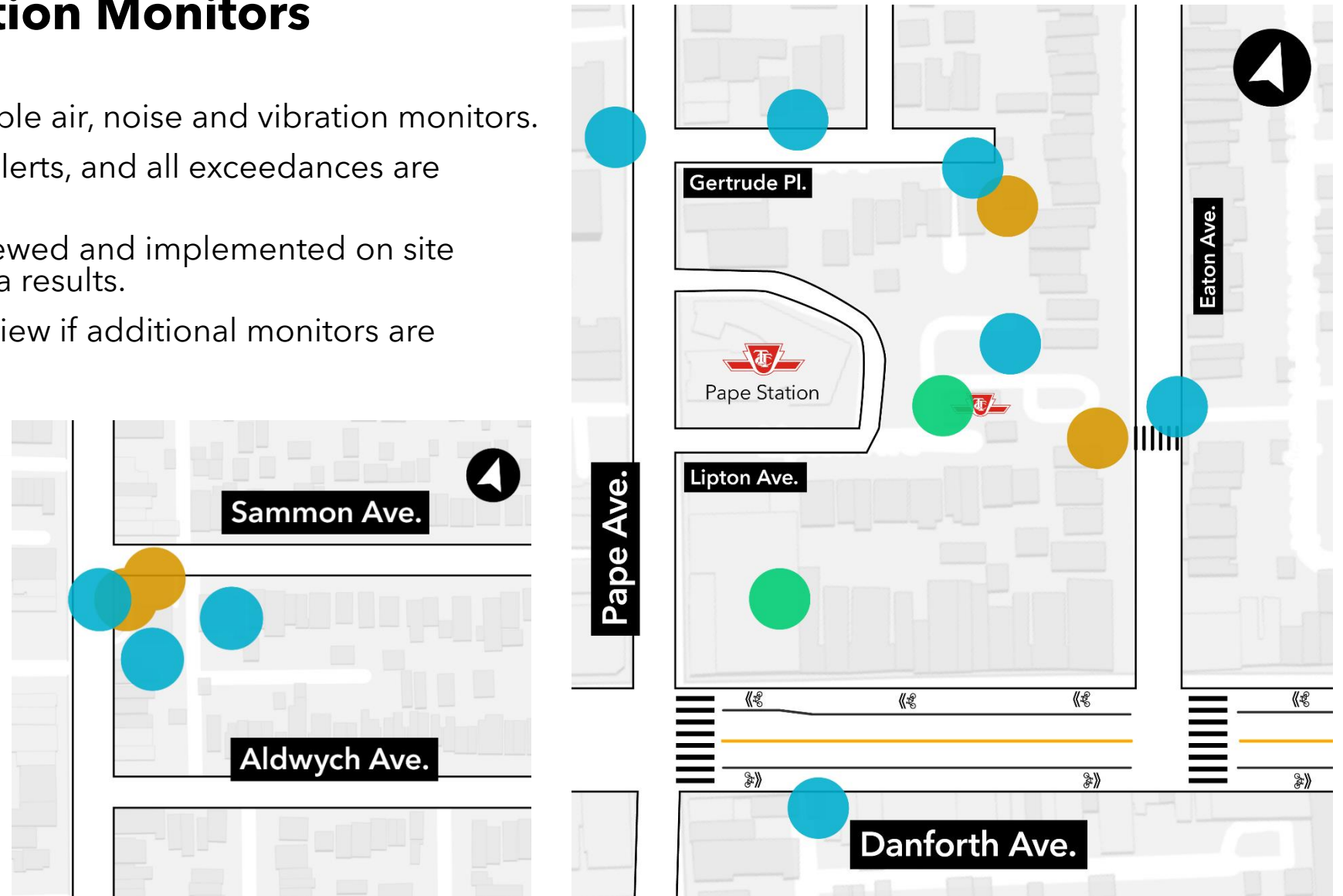


## Air, Noise and Vibration Monitors

- Both of GIP's sites have multiple air, noise and vibration monitors.
- The team receives real time alerts, and all exceedances are reviewed daily.
- Mitigation measures are reviewed and implemented on site based on the monitoring data results.
- Metrolinx is continuing to review if additional monitors are necessary.

Legend:

- Noise and vibration monitor
- Vibration monitor
- Air quality monitor



## Look-Ahead Schedule:

#	Activity	Location	Expected Start	Expected Duration	Impact	Hours of Work	Mitigations
1	Jet Grouting	Gertrude	June 2025	February 2026	Noise	Monday – Friday: 7am-7pm**	Noise wall
2	Jet Grouting for Area 1*	Lipton	March 2025	June 2025	Noise	Monday – Friday: 7am-7pm**	Noise wall
3	Shaft Excavation	Sammon	February 2025	Completed***			
4	Traffic Decking Installation	Danforth	March 2025	July 2025	Noise	Monday – Friday: 24 hrs Saturday: 6am-7pm	N/A
5	Shaft Excavation	Pape	To be confirmed (earliest expected start is summer 2025)	TBC	Noise	Monday – Friday: 24 hrs Saturday: 6am-7pm	Noise wall
6	Piling for Area 1*	Lipton	June 2025	September 2025	Noise	Monday – Friday: 24 hrs Saturday: 6am-7pm	Noise wall

\*Area 1 refers to the new work presented on slide 4 ("Upcoming Works")

\*\*On Saturdays, maintenance (including hydrovacing) will be done for jet grouting works at the Gertrude location. All other works will proceed as normal from 6am-7pm on Saturdays. Jet grouting works include hauling. Please note that hydrovacing will only be completed after 9AM.

\*\*\*GIP scope; further work by PNC to be discussed at a future CLC.



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# **Pape Tunnel and Underground Station (PTUS) Updates**

Pape North Connect

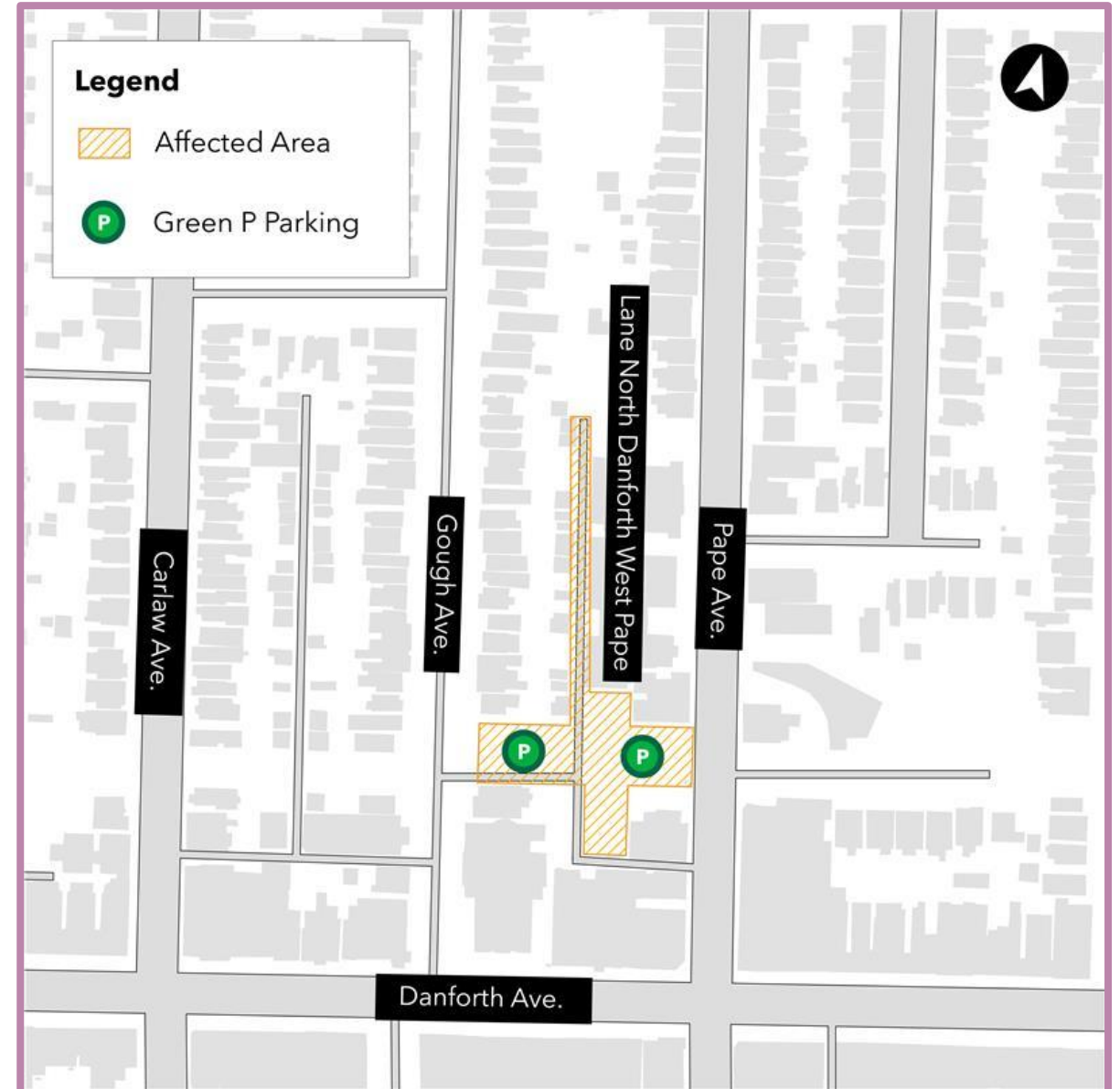
# What is Happening?



The existing ventilation system that is located under Pape Station's main entrance is being demolished, relocated and upgraded.



The construction area for the new ventilation system will affect Lane North Danforth West Pape, 77 Gough Avenue (Green P) and 716 Pape Avenue (Green P)



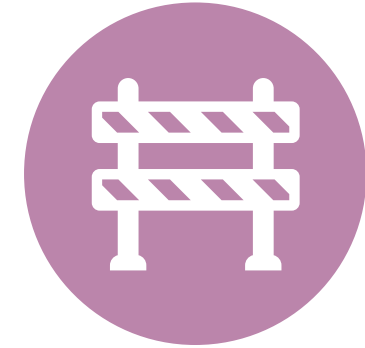
# Why is this Happening?



Pape Station's existing ventilation system is being relocated and upgraded to make room for the future concourse level of the upgraded Pape Station



Ontario Line's updates to Pape Station will allow transit riders to transfer to and from the Ontario Line to Line 2.



The existing ventilation system located under Pape Station's main entrance will be demolished and a new structure will be constructed.

# Timeline

