Lawrence Station
Fire Ventilation Upgrade
Public Open House – Pre Construction
Fire Ventilation Upgrade Project

Background

• Existing subway ventilation system requires upgrade

• High capacity fans will provide additional ventilation capacity to protect transit riders and employees in the event of a major fire

• Fans may also be activated when crews are conducting track work, requiring ventilation

• Ventilation upgrades are scheduled for priority stations across the system

Equipment to be installed:

• Four new high capacity fans

• New infrastructure for fan rooms & vent shafts

• Power supply upgrades & controls
Fire Ventilation Upgrade Project

Priority Stations planned for Upgrades

• York Mills (2006)
• Finch (2011)
• Union (2014)
• Lawrence (2015)
• St. Clair West (2019)
Fire Ventilation Upgrade Project

Scheduled work

• Plant new trees and provide landscaping to impacted areas
• Install 2 fans in existing north vent shaft
• Install 2 fans in new fan room at Wanless Avenue
• Construct mechanical and electrical service rooms in existing station
• Installation of sliding doors at station entrances
• Protect existing mature tree by the fire hall
• Replace TFS underground fuel tank with above-ground storage tank
Project Site
Neighbourhood Map
Construction Activity

What to expect:

• Major excavation and structural work outside existing station within Wanless Avenue right-of-way

• Wanless Avenue closed for approximately 30 meters at construction site

• Excavation will result in dust, noise, and vibration. TTC will provide:
  • Street sweeping services
  • Traffic planning and staging in conjunction with City Transportation Services
  • Pre and post construction surveys of properties on Wanless Avenue
  • Compliance monitoring with City noise bylaws
  • Vibration monitoring during construction
  • Dust control measures during construction
Construction Activity

Throughout construction, TTC will:

• Sequence work in phases, to minimize impact to the community
• Install pathways so as not to delay or impact transit riders using the subway or buses
• Maintain pedestrian access on Yonge Street and Wanless Avenue
• Maintain two-lane vehicle traffic each way on Yonge Street
• Provide construction barriers to segregate construction from vehicular and pedestrian traffic
• Ensure that Emergency Services have access to properties adjacent to construction site
• Restrict work to day-time hours with minimal night work (only as required)

Construction Liaison Group to be formed and meet regularly
## Project Schedule

<table>
<thead>
<tr>
<th>Event</th>
<th>Timeline</th>
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<tbody>
<tr>
<td>May 7 2012 Public Open House – Pre Construction</td>
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<tr>
<td>June 2012 Construction contract award</td>
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<tr>
<td>Summer 2012 Construction start</td>
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<tr>
<td>2012 – 2013 Closure of Wanless Ave and parking on Yonge Street displaced (approx. 12 months)</td>
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<tr>
<td>Early 2015 Project Completion</td>
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New Landscaping

Vent Shaft, New Grate

New Landscaping
Contact Us

For more information:
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Community Liaison
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lito.romano@ttc.ca
Traffic Management Signing

Additional Advisory Signs

- NO ACCESS TO YONGE STREET VIA WANLESS AVENUE
- NO ACCESS TO WANLESS AVENUE FROM YONGE STREET