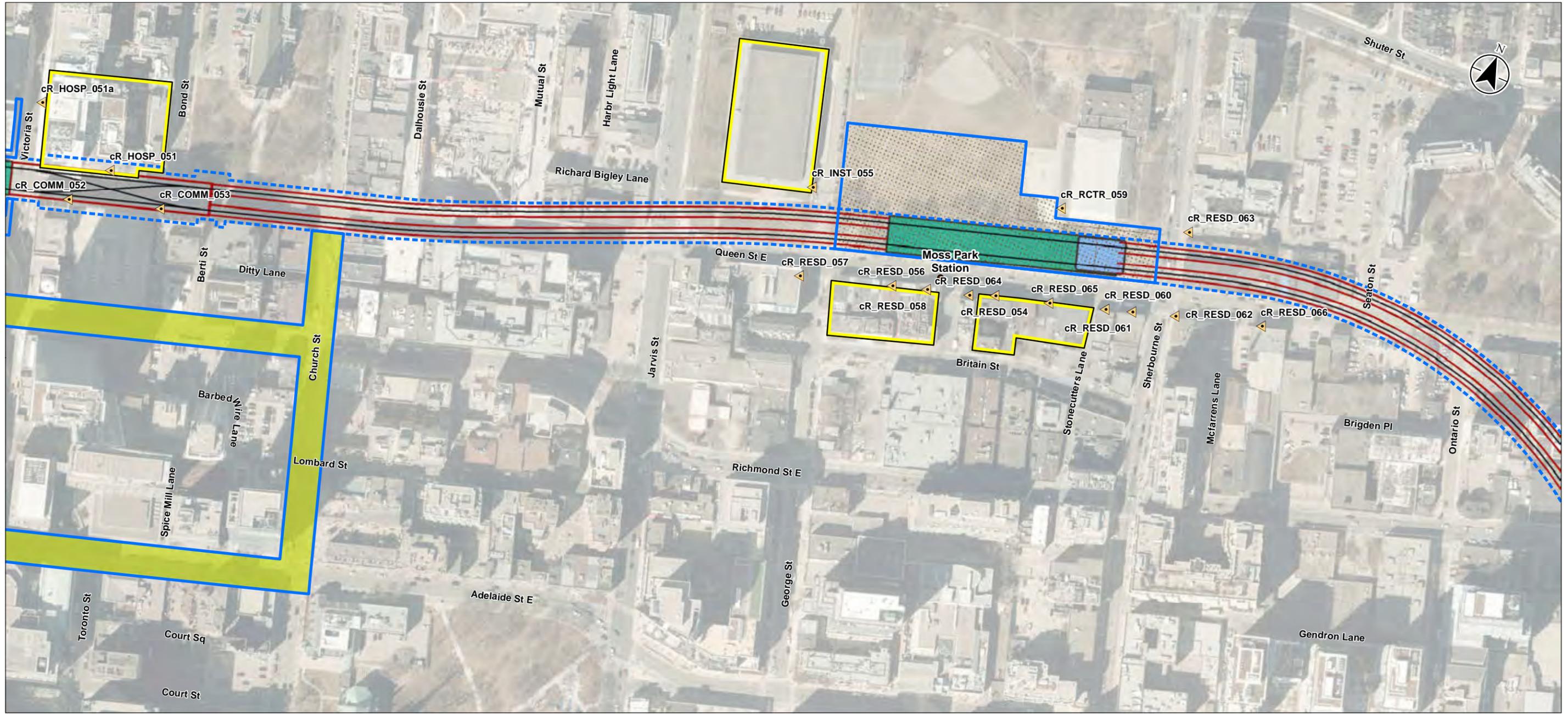
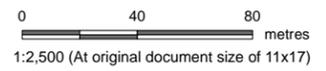


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- Legend**
- Above Grade Project Element Footprint
  - Below Grade Project Element Footprint
  - Alignment - Current**
  - Track Alignment Centerline
  - Tunnels
  - Station
  - Station Platform - Subsurface Level
  - Streetcar Diversion
  - Construction Staging and Construction Area
  - ▲ Assessed Noise Receptor Impacted
  - Identified Areas for Mitigation



*Project Location*  
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*Client/Project*  
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ONTARIO LINE TA

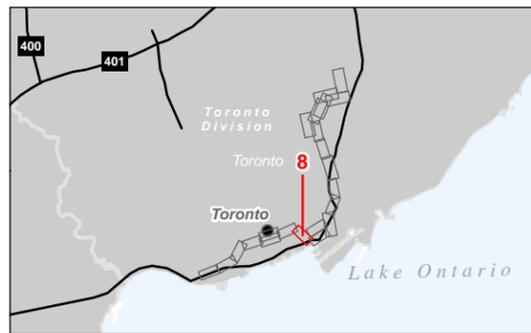
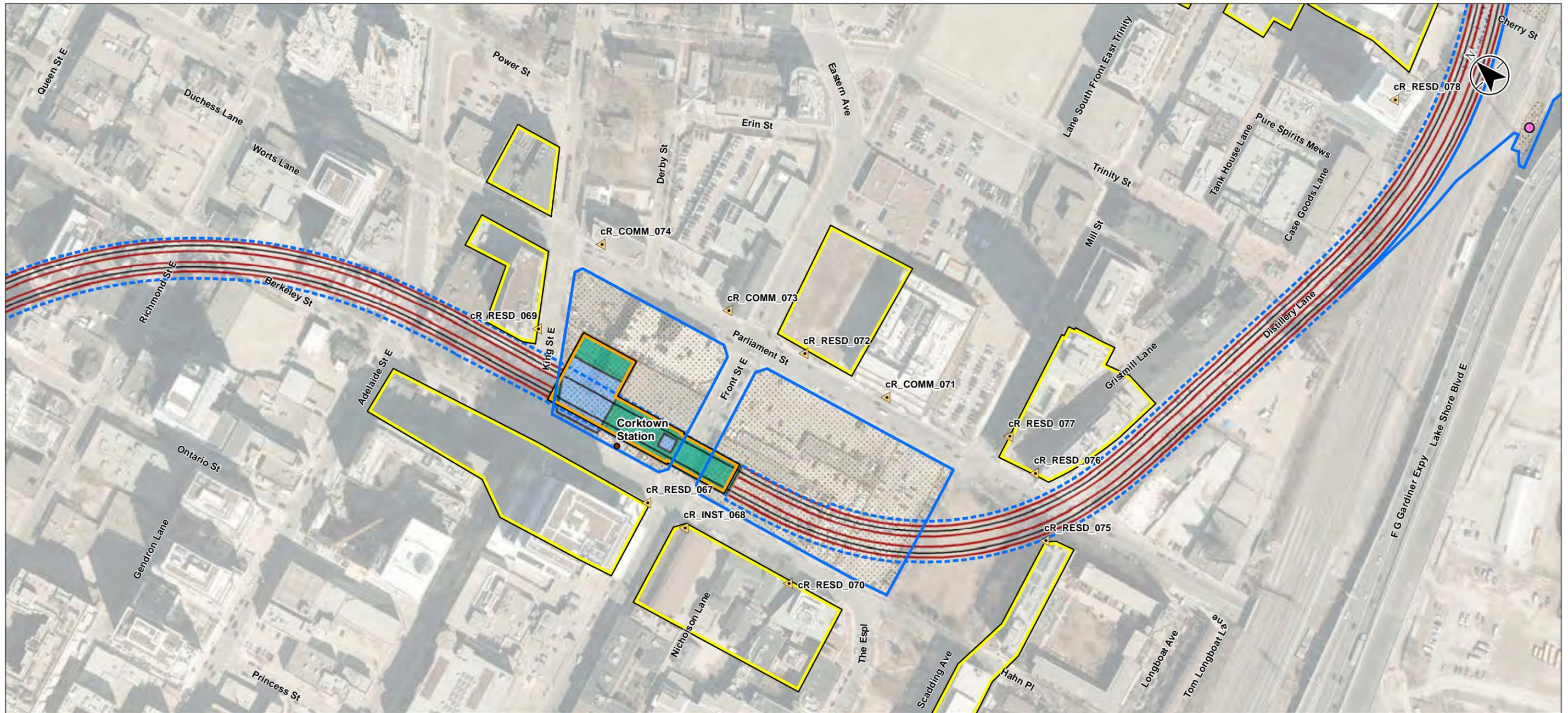
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*Figure No.*  
**F-1-7**

*Title*  
Construction Noise Impacted Area (Area Identified for Mitigation)

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**Legend**

- Above Grade Element - Pier, Bridge, Shaft
- Above Grade Project Element Footprint
- Below Grade Project Element Footprint
- Alignment - Current**
- Track Alignment Centerline
- Tunnels
- Emergency Egress Building (EEB)
- Station
- Station Platform - Subsurface Level
- Construction Staging and Construction Area
- Identified Areas for Mitigation
- Assessed Noise Receptor Impacted

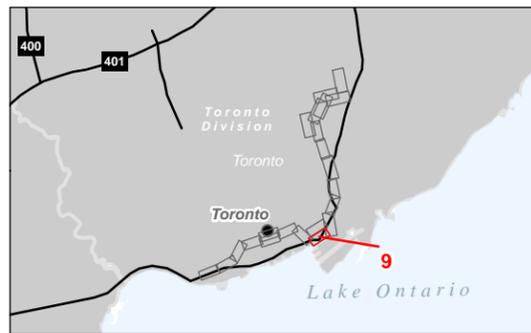
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Client/Project: HDR CORPORATION ONTARIO LINE TA  
 160560009 REVA

Figure No. **F-1-8**  
 Title: Construction Noise Impacted Area (Area Identified for Mitigation)



**Legend**

- Above Grade Element - Pier, Bridge, Shaft
- Above Grade Project Element Footprint
- Below Grade Project Element Footprint
- Alignment - Current**
- Track Alignment Centerline
- Tunnels
- Portal
- Emergency Egress Building (EEB)
- ★ Potential Multi-Use Trail Bridge Location
- Construction Staging and Construction Area
- ▲ Assessed Noise Receptor Impacted
- Identified Areas for Mitigation

0 40 80 metres  
1:2,500 (At original document size of 11x17)



Project Location  
Toronto, ON

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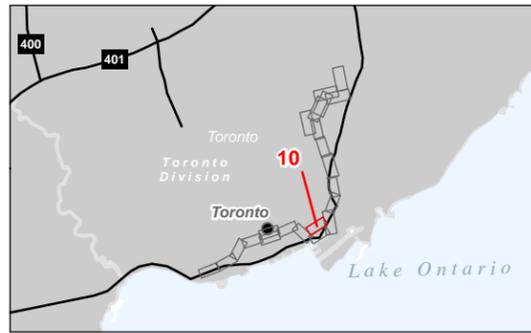
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Figure No.  
**F-1-9**

Title  
Construction Noise Impacted Area (Area Identified for Mitigation)

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- Legend**
- Above Grade Element - Pier, Bridge, Shaft
  - Above Grade Project Element Footprint
- Alignment - Current**
- Track Alignment Centerline
  - Portal
  - Potential Multi-Use Trail Bridge Location
  - Station
  - Construction Staging and Construction Area
  - Assessed Noise Receptor Impacted
  - Identified Areas for Mitigation

0 40 80 metres  
1:2,500 (At original document size of 11x17)



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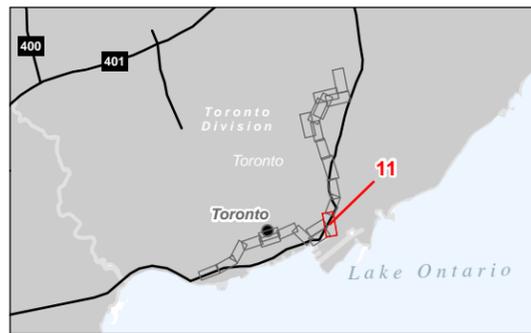
Client/Project: HDR CORPORATION  
ONTARIO LINE TA  
160560009 REVA

Figure No.: **F-1-10**  
Title: Construction Noise Impacted Area (Area Identified for Mitigation)

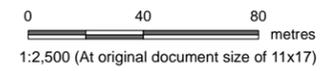
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- Legend**
-  Above Grade Project Element Footprint
  - Alignment - Current**
  -  Track Alignment Centerline
  -  Station
  -  Assessed Noise Receptor Impacted
  -  Identified Areas for Mitigation



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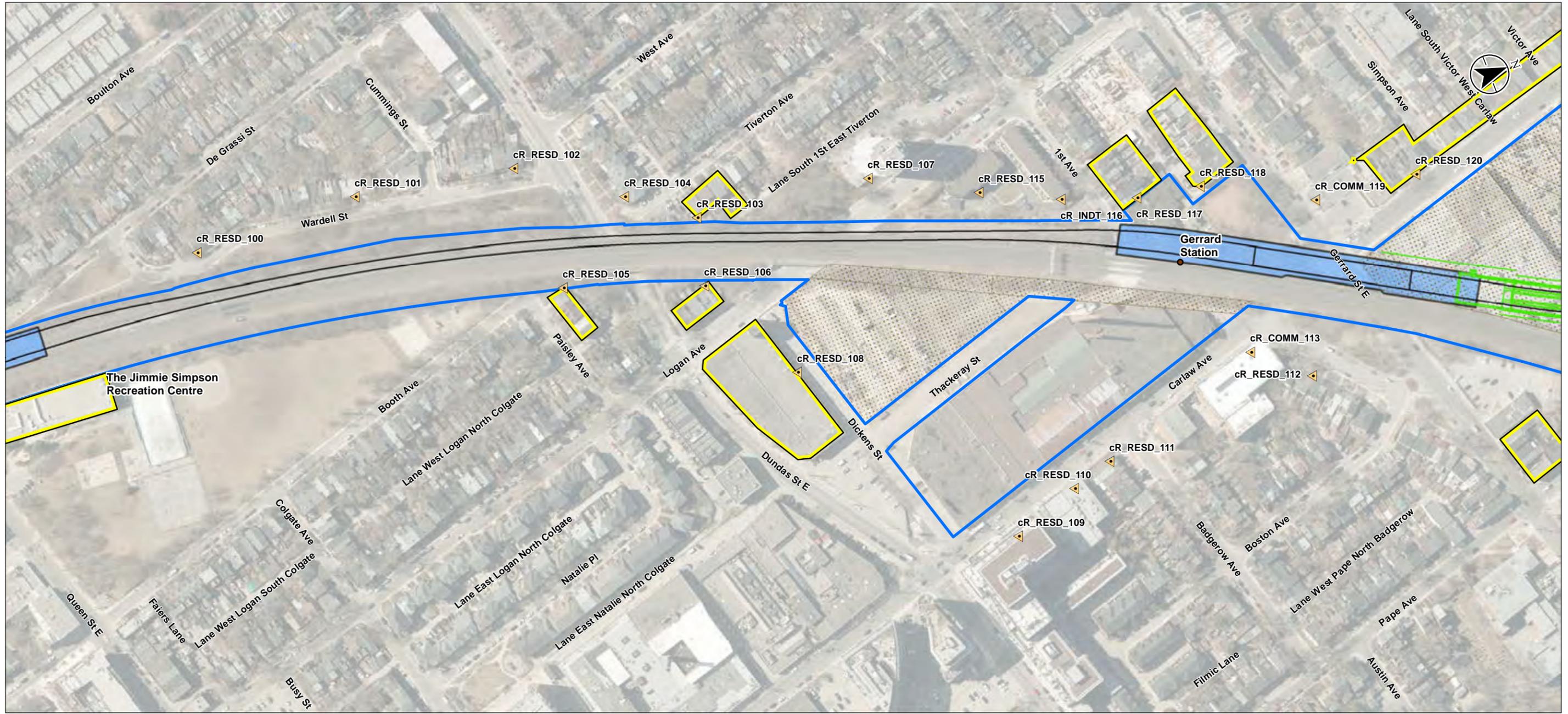
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Figure No.  
**F-1-11**

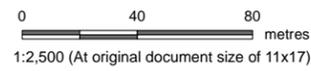
Title  
Construction Noise Impacted Area (Area Identified for Mitigation)

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- Legend**
- Above Grade Project Element Footprint
  - Alignment - Current**
  - Track Alignment Centerline
  - Portal
  - Station
  - Construction Staging and Construction Area
  - Assessed Noise Receptor Impacted
  - Identified Areas for Mitigation



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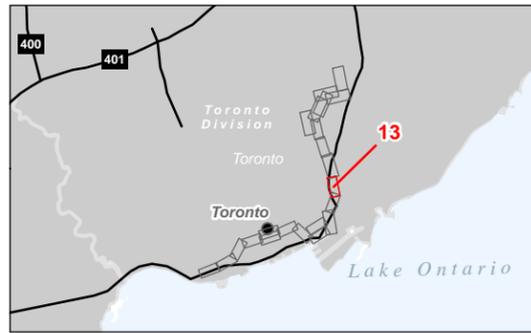
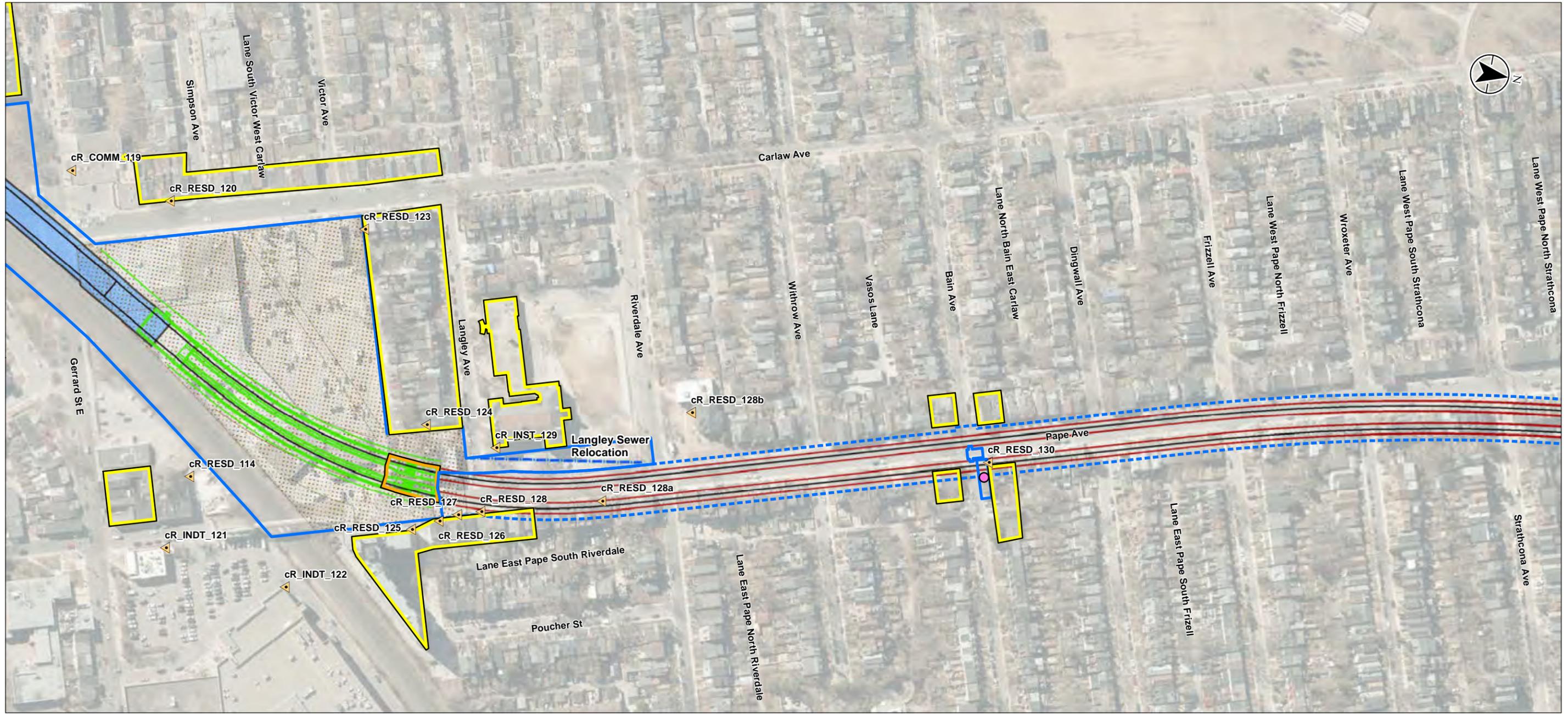
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**F-1-12**

**Title**  
Construction Noise Impacted Area (Area Identified for Mitigation)

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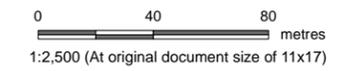
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**Legend**

- Above Grade Element - Pier, Bridge, Shaft
- Above Grade Project Element Footprint
- Below Grade Project Element Footprint
- Track Alignment Centerline
- Tunnels
- Portal
- Proposed Sewer Relocation
- Emergency Egress Building (EEB)
- Station
- Construction Staging and Construction Area
- Assessed Noise Receptor Impacted
- Identified Areas for Mitigation



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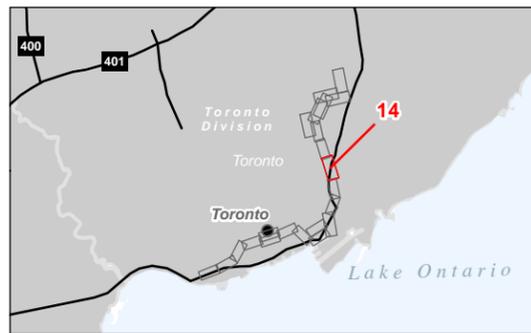
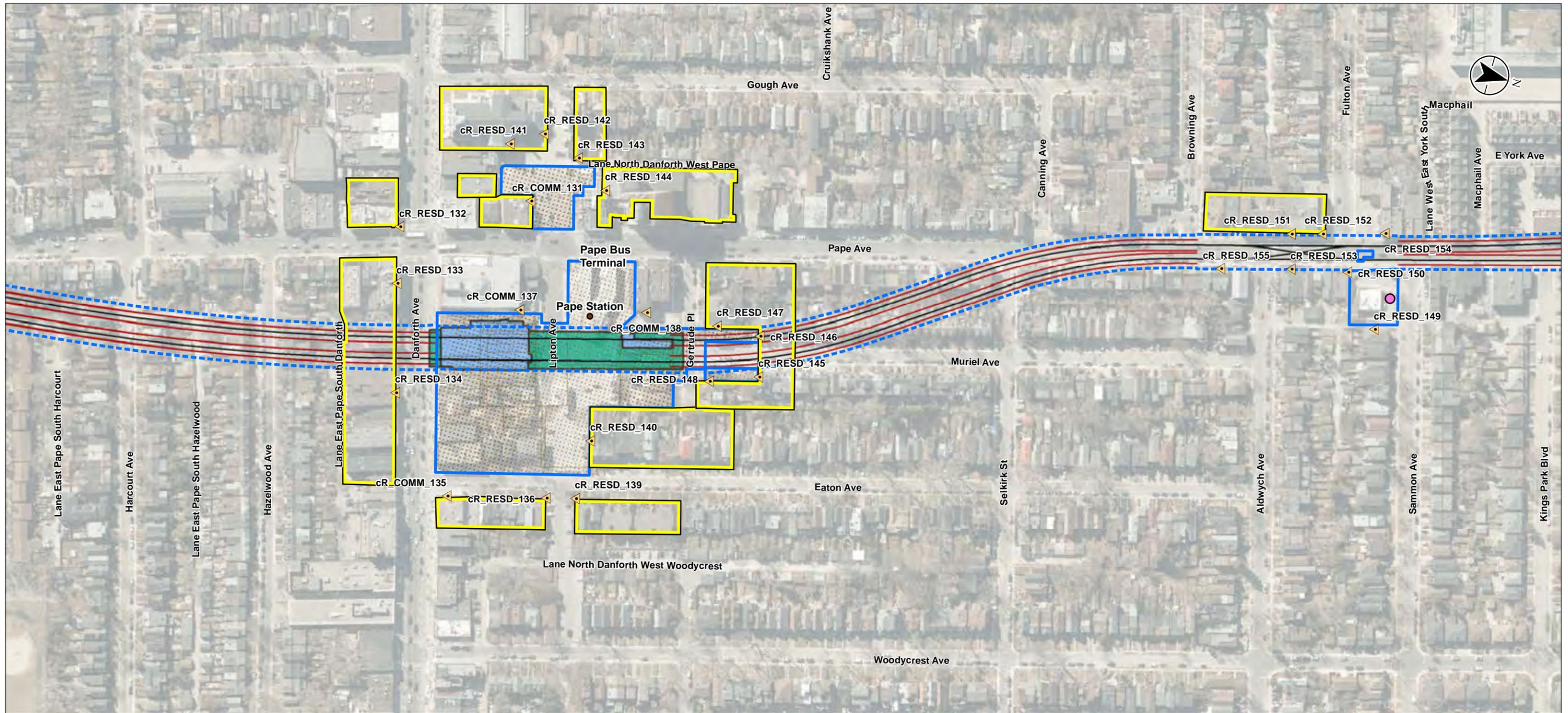
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**Figure No.**  
**F-1-13**

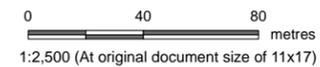
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 Construction Noise Impacted Area (Area Identified for Mitigation)

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- Legend**
- Above Grade Project Element Footprint
  - Below Grade Project Element Footprint
  - Alignment - Current**
  - Track Alignment Centerline
  - Tunnels
  - Emergency Egress Building (EEB)
  - Station
  - Station Platform - Subsurface Level
  - Construction Staging and Construction Area
  - Assessed Noise Receptor Impacted
  - Identified Areas for Mitigation



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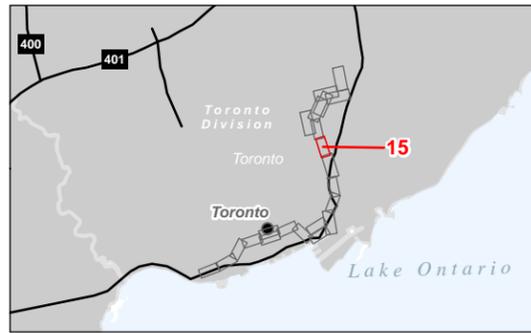
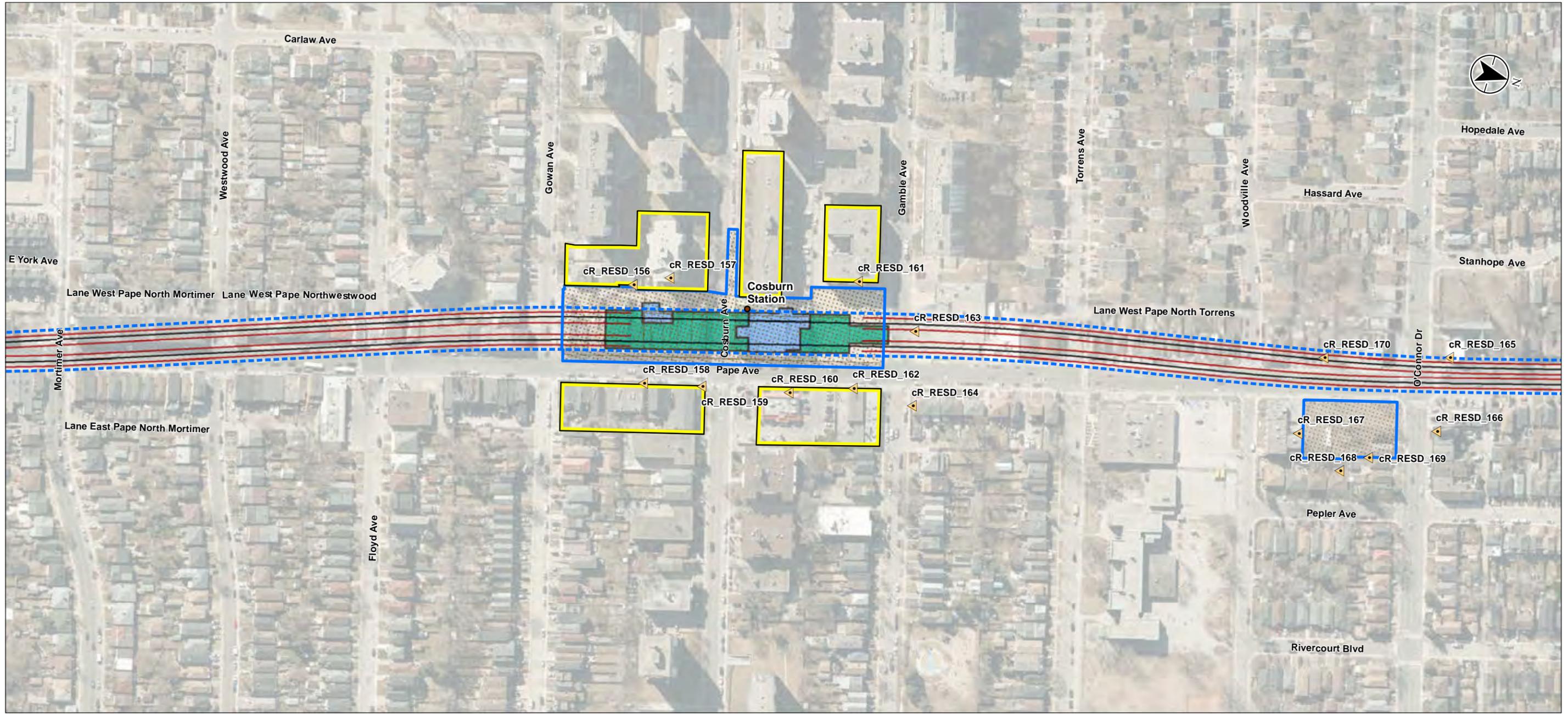
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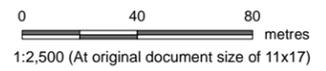
*Figure No.*  
**F-1-14**

*Title*  
 Construction Noise Impacted Area (Area Identified for Mitigation)

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- Legend**
- Above Grade Project Element Footprint
  - Below Grade Project Element Footprint
  - Alignment - Current**
  - Track Alignment Centerline
  - Tunnels
  - Station
  - Station Platform - Subsurface Level
  - Construction Staging and Construction Area
  - ▲ Assessed Noise Receptor Impacted
  - Identified Areas for Mitigation



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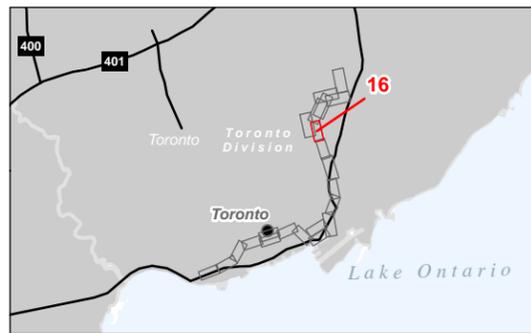
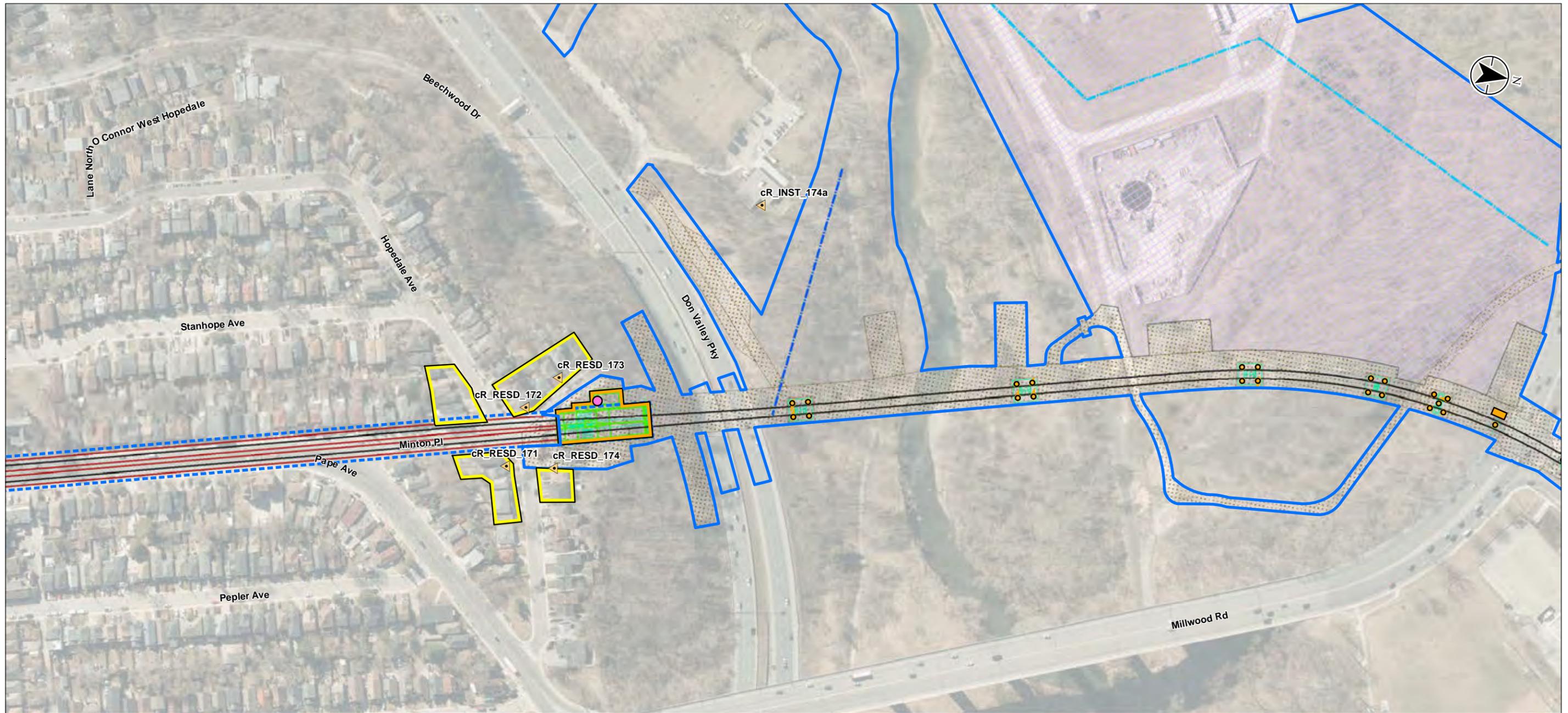
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*Figure No.*  
**F-1-15**

*Title*  
Construction Noise Impacted Area (Area Identified for Mitigation)

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- Legend**
- Above Grade Element - Pier, Bridge, Shaft
  - Above Grade Project Element Footprint
  - Below Grade Project Element Footprint
  - Alignment - Current**
  - Track Alignment Centerline
  - Tunnels
  - Portal
  - Elevated Guideway
  - Proposed Sewer Bypass
  - Proposed HONI Realignment
  - Emergency Egress Building (EEB)
  - Construction Staging and Construction Area
  - Ancillary HONI Realignment Area
  - Assessed Noise Receptor Impacted
  - Identified Areas for Mitigation

0 40 80 metres  
 1:2,500 (At original document size of 11x17)



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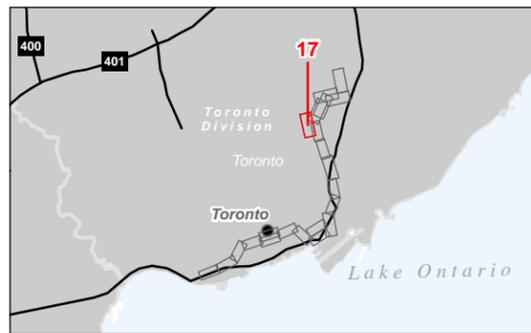
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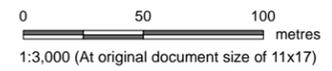
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**F-1-16**

**Title**  
 Construction Noise Impacted Area (Area Identified for Mitigation)

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- Legend**
- Above Grade Project Element Footprint
  - Proposed Sewer Bypass
  - Proposed HONI Realignment
  - Operations, Maintenance and Storage Facility
  - Construction Staging and Construction Area
  - Ancillary HONI Realignment Area

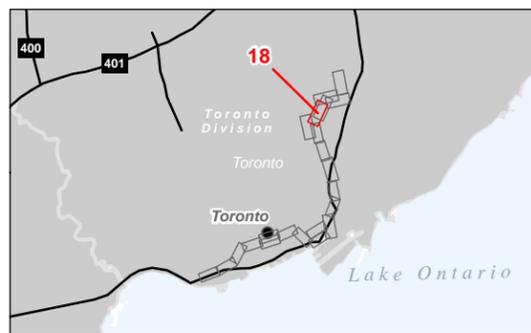
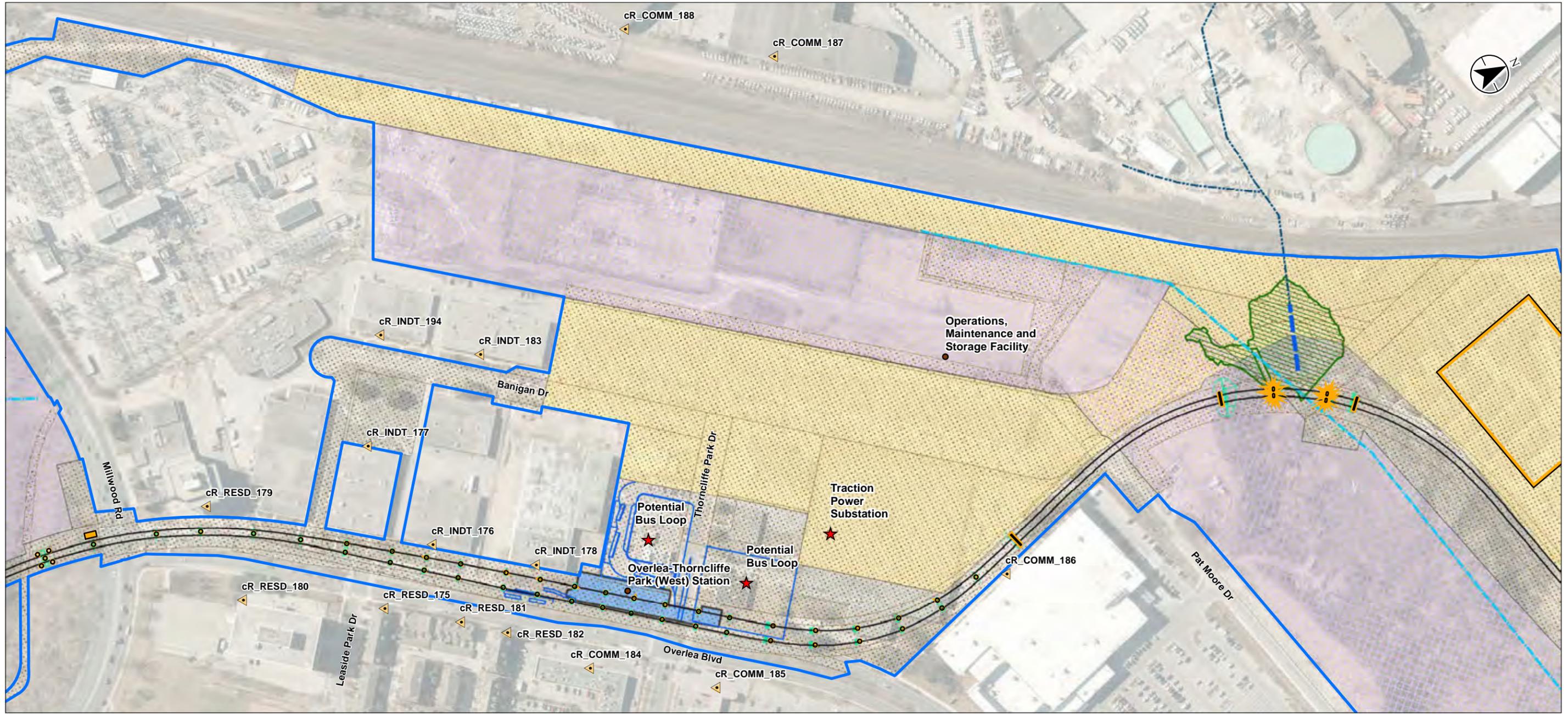


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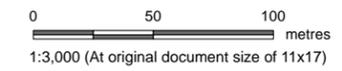
Figure No.: F-1-17  
Title: Construction Noise Impacted Area (Area Identified for Mitigation)

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- Legend**
- Above Grade Element - Pier, Bridge, Shaft
  - Above Grade Project Element Footprint
  - Alignment - Current**
  - Track Alignment Centerline
  - Elevated Guideway
  - Existing Storm Sewer
  - Storm Sewer Extension
  - Proposed HONI Realignment
  - Potential Bus Loop
  - Traction Power Substation
  - Station
  - Operations, Maintenance and Storage Facility
  - Construction Staging and Construction Area
  - Ancillary HONI Realignment Area
  - Assessed Noise Receptor Impacted



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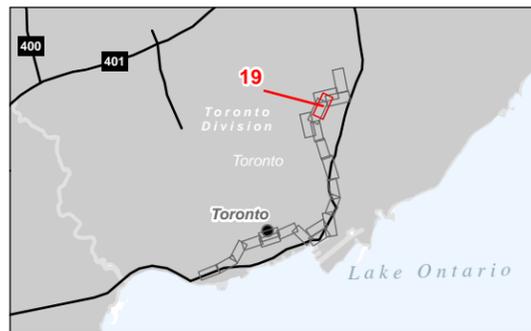
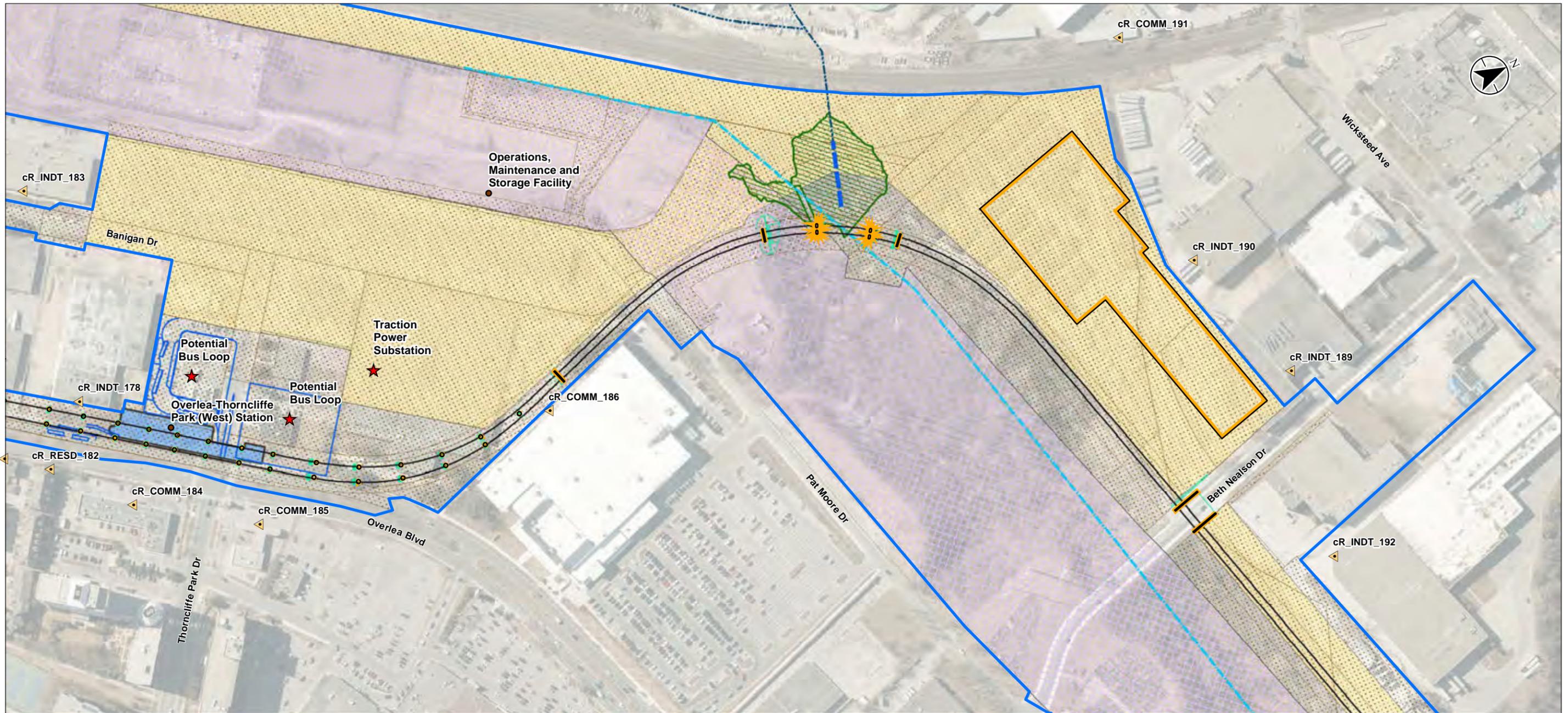
160560009 REVA

**Figure No.**  
**F-1-18**

**Title**  
 Construction Noise Impacted Area (Area Identified for Mitigation)

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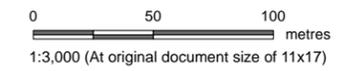
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**Legend**

Above Grade Element - Pier, Bridge, Shaft	Operations, Maintenance and Storage Facility
Above Grade Project Element Footprint	Construction Staging and Construction Area
<b>Alignment - Current</b>	Ancillary HONI Realignment Area
Track Alignment Centerline	Assessed Noise Receptor Impacted
Elevated Guideway	
Existing Storm Sewer	
Storm Sewer Extension	
Proposed HONI Realignment	
Potential Bus Loop	
Traction Power Substation	
Station	



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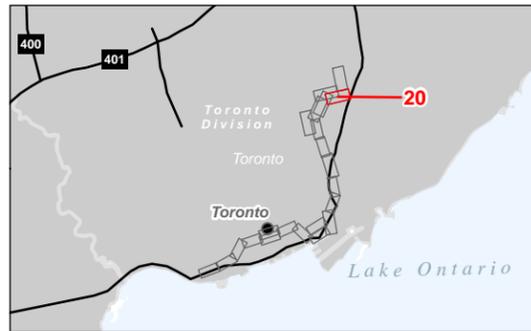
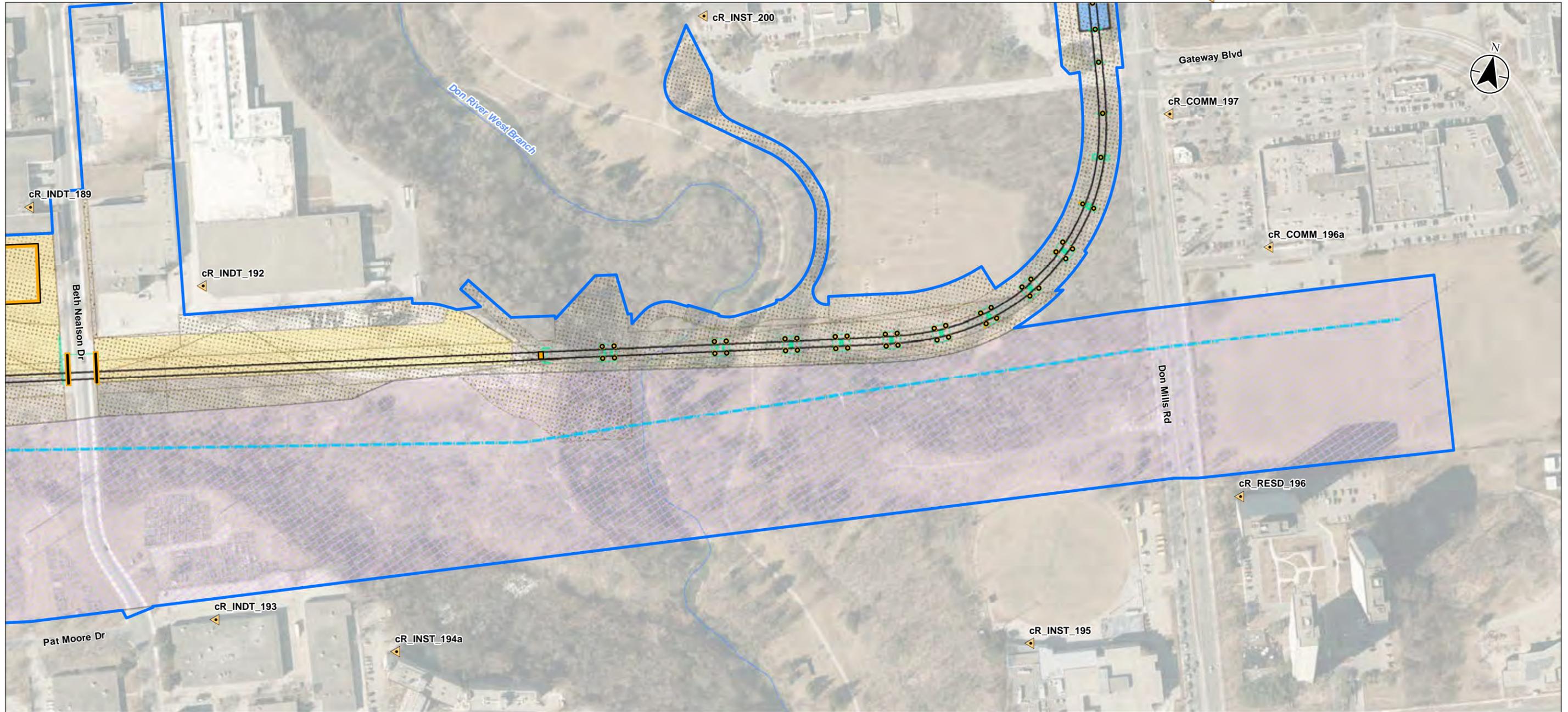
**Client/Project**  
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160560009 REVA

**Figure No.**  
**F-1-19**

**Title**  
Construction Noise Impacted Area (Area Identified for Mitigation)

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- Legend**
- Above Grade Element - Pier, Bridge, Shaft
  - Above Grade Project Element Footprint
  - Alignment - Current**
  - Track Alignment Centerline
  - Elevated Guideway
  - Proposed HONI Realignment
  - Station
  - Operations, Maintenance and Storage Facility
  - Construction Staging and Construction Area
  - Ancillary HONI Realignment Area
  - Assessed Noise Receptor Impacted

0 50 100 metres  
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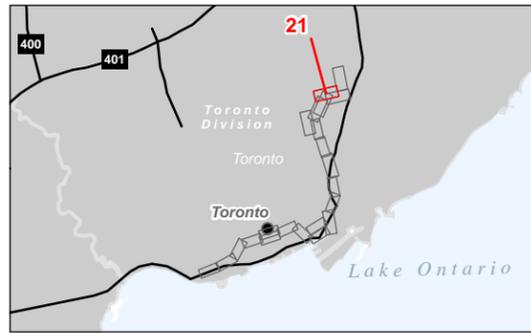
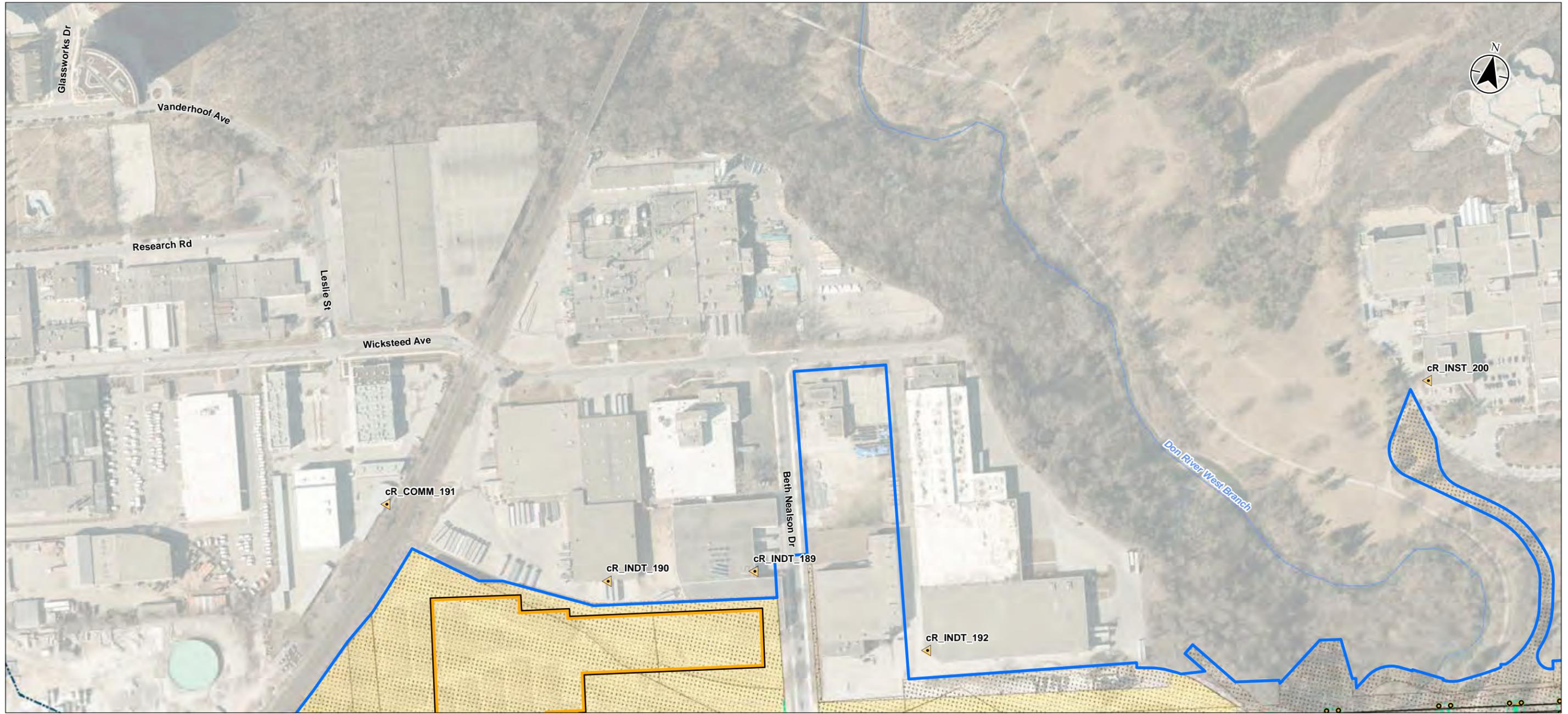


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Figure No.: **F-1-20**  
 Title: Construction Noise Impacted Area (Area Identified for Mitigation)

\\cd1215-10\work\_group\01605\active\160560009\11\_data\gis\_cad\gis\mxd\atmospheric\report\_figures\20211125\_Noise\_Report\_rev4\160560009\_NR\_FigF-1-01-22\_NoiseMitigation.mxd Revised: 2022-03-10 By: boowper



- Legend**
- Above Grade Element - Pier, Bridge, Shaft
  - Above Grade Project Element Footprint
- Alignment - Current**
- Track Alignment Centerline
  - Elevated Guideway
  - Existing Storm Sewer
  - Operations, Maintenance and Storage Facility
  - Construction Staging and Construction Area
  - Assessed Noise Receptor Impacted

0 50 100 metres  
1:3,000 (At original document size of 11x17)

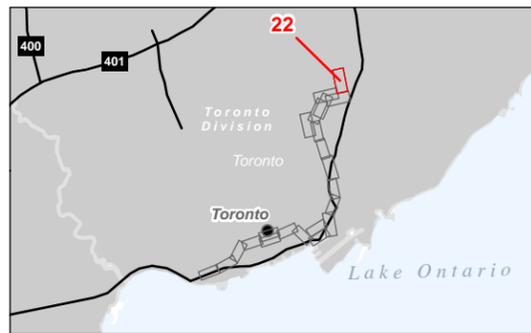
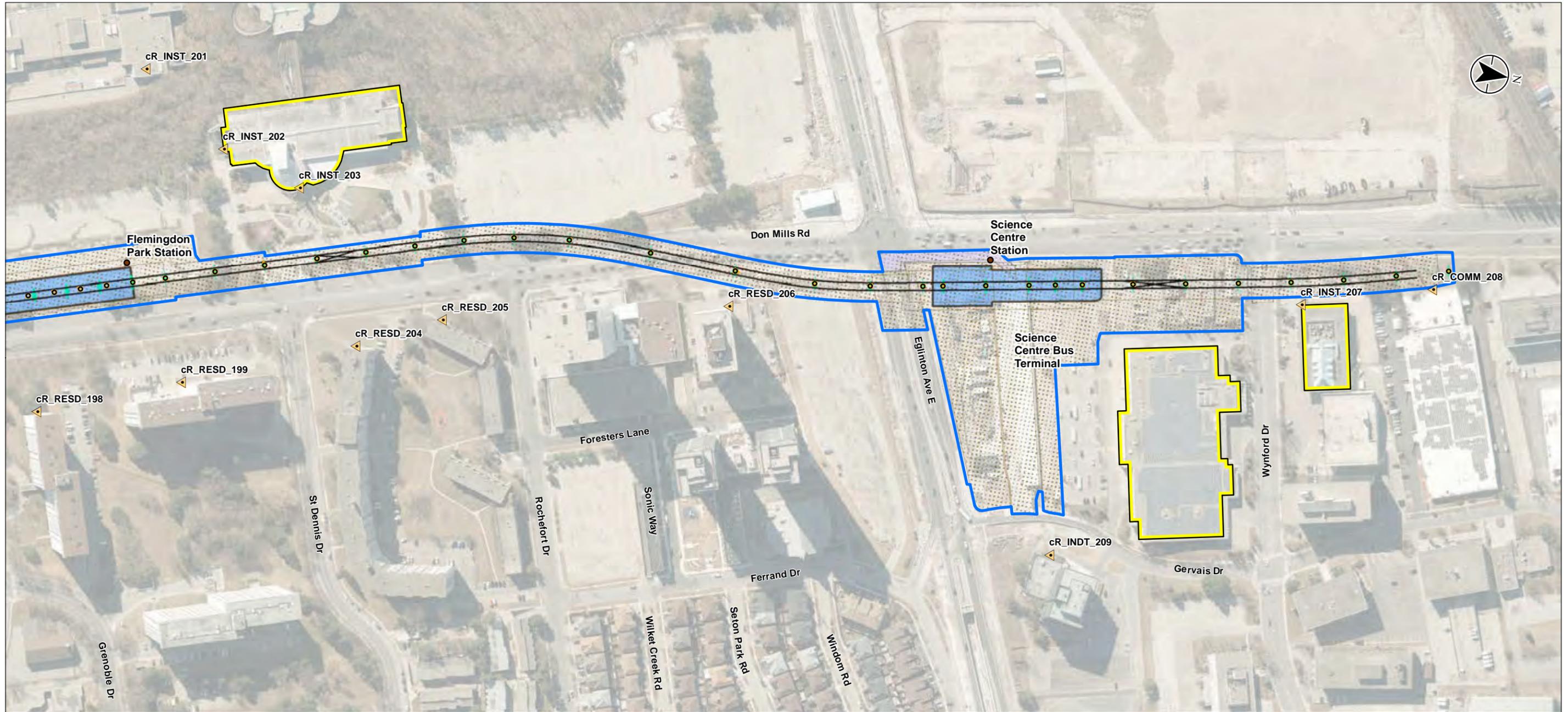


Project Location  
Toronto, ON  
Prepared by BCC on 2022-03-10  
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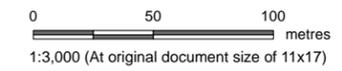
Client/Project  
HDR CORPORATION  
ONTARIO LINE TA  
160560009 REVA

Figure No.  
**F-1-21**  
Title  
Construction Noise Impacted Area (Area Identified for Mitigation)

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- Legend**
- Above Grade Element - Pier, Bridge, Shaft
  - Above Grade Project Element Footprint
- Alignment - Current**
- Track Alignment Centerline
  - Elevated Guideway
  - Station
  - Pedestrian Tunnel
  - Construction Staging and Construction Area
  - ▲ Assessed Noise Receptor Impacted
  - Identified Areas for Mitigation



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*Figure No.*  
**F-1-22**

*Title*  
Construction Noise Impacted Area (Area Identified for Mitigation)

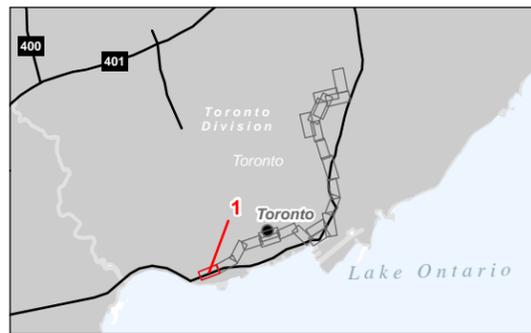
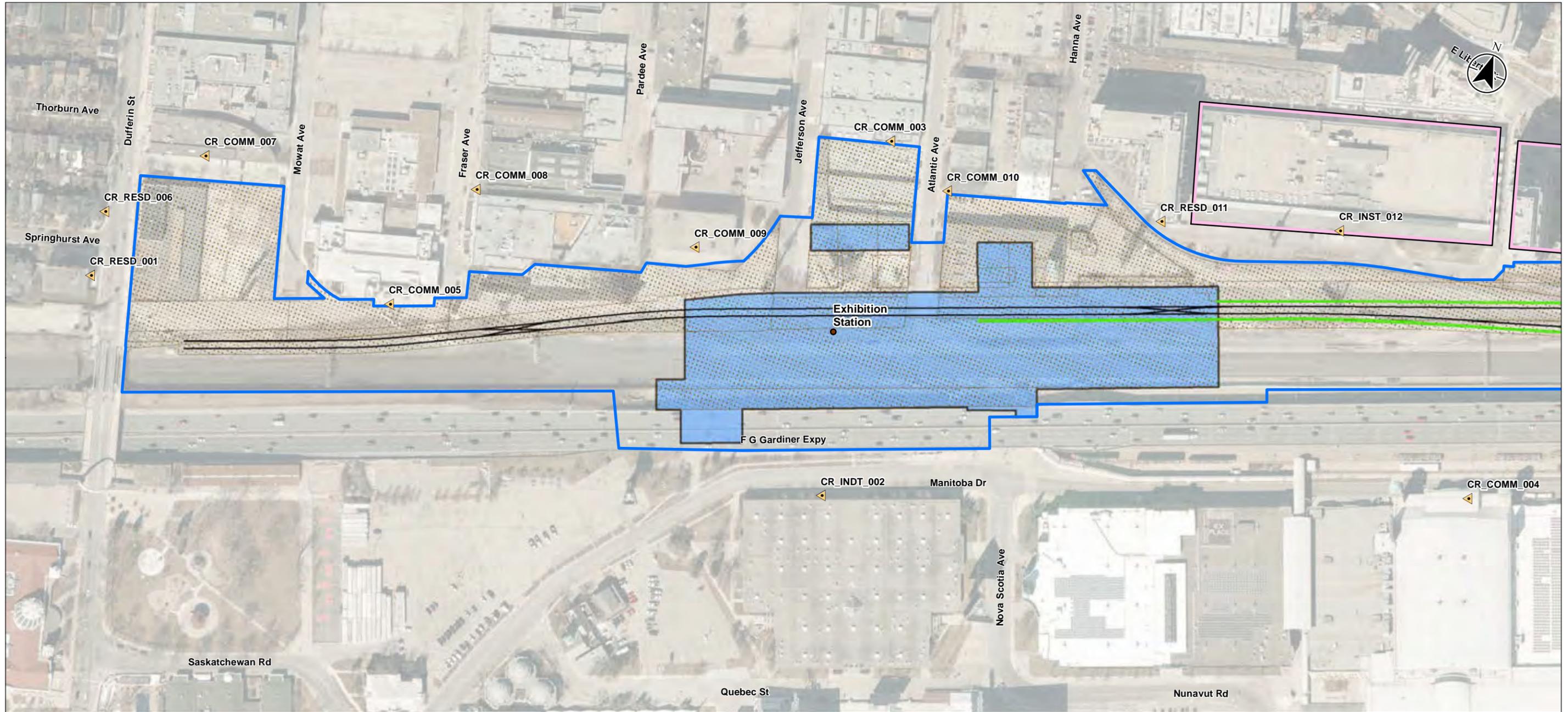
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- Legend**
- Above Grade Project Element Footprint
  - Alignment - Current**
  - Track Alignment Centerline
  - Portal
  - Station
  - Construction Staging and Construction Area
  - ▲ Assessed Noise Receptor Impacted
  - Identified Areas for Monitoring

0 40 80 metres  
1:2,500 (At original document size of 11x17)



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Toronto, ON

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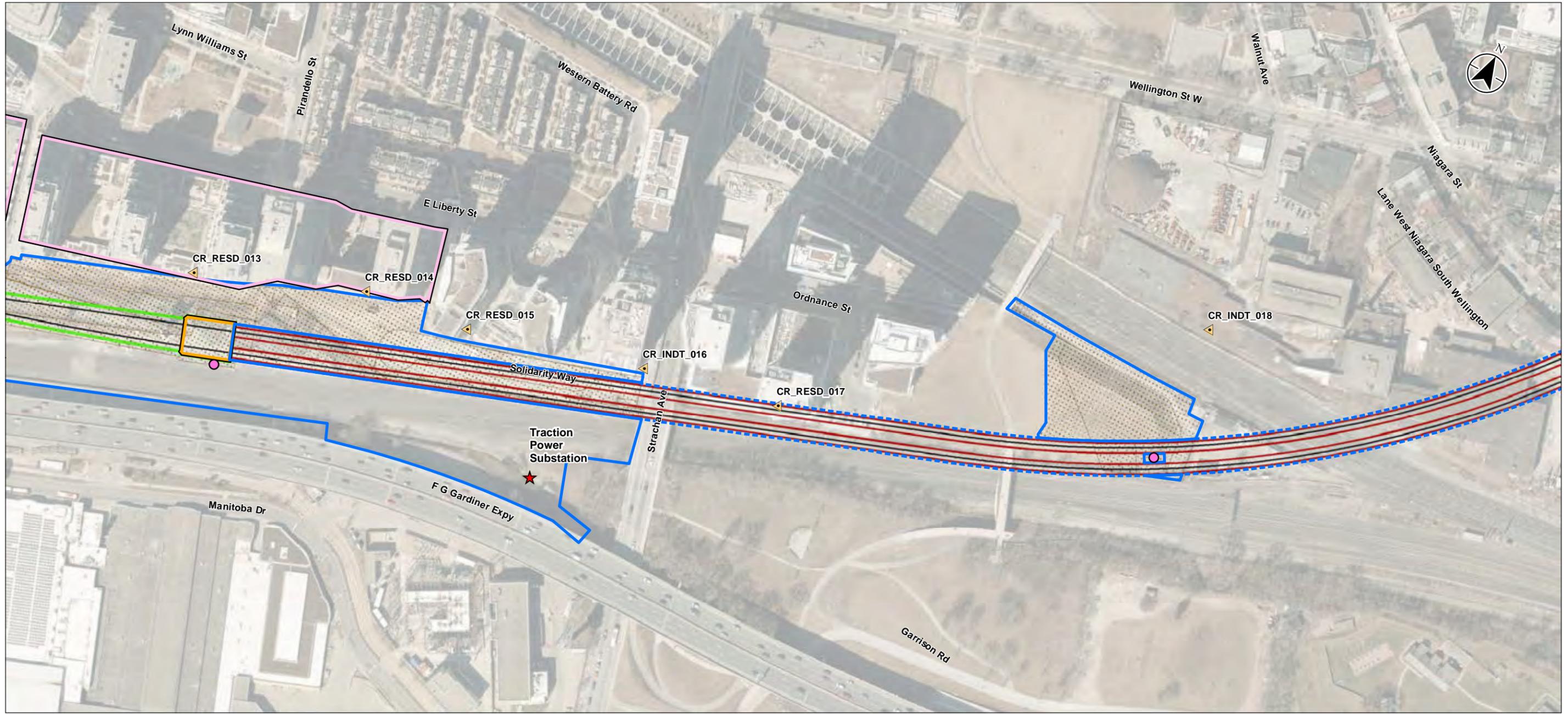
*Figure No.*  
**F-2-1**

*Title*  
Construction Noise Impacted Area (Minimum Area Identified for Monitoring)

**Notes**

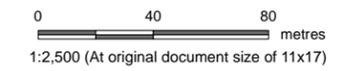
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**Legend**

- Above Grade Element - Pier, Bridge, Shaft
- Above Grade Project Element Footprint
- Below Grade Project Element Footprint
- Track Alignment Centerline
- Tunnels
- Portal
- Emergency Egress Building (EEB)
- ★ Traction Power Substation
- Construction Staging and Construction Area
- ▲ Assessed Noise Receptor Impacted
- Identified Areas for Monitoring



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**Figure No.**  
**F-2-2**

**Title**  
Construction Noise Impacted Area (Minimum Area Identified for Monitoring)

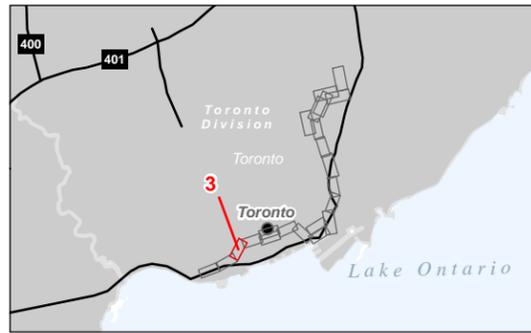
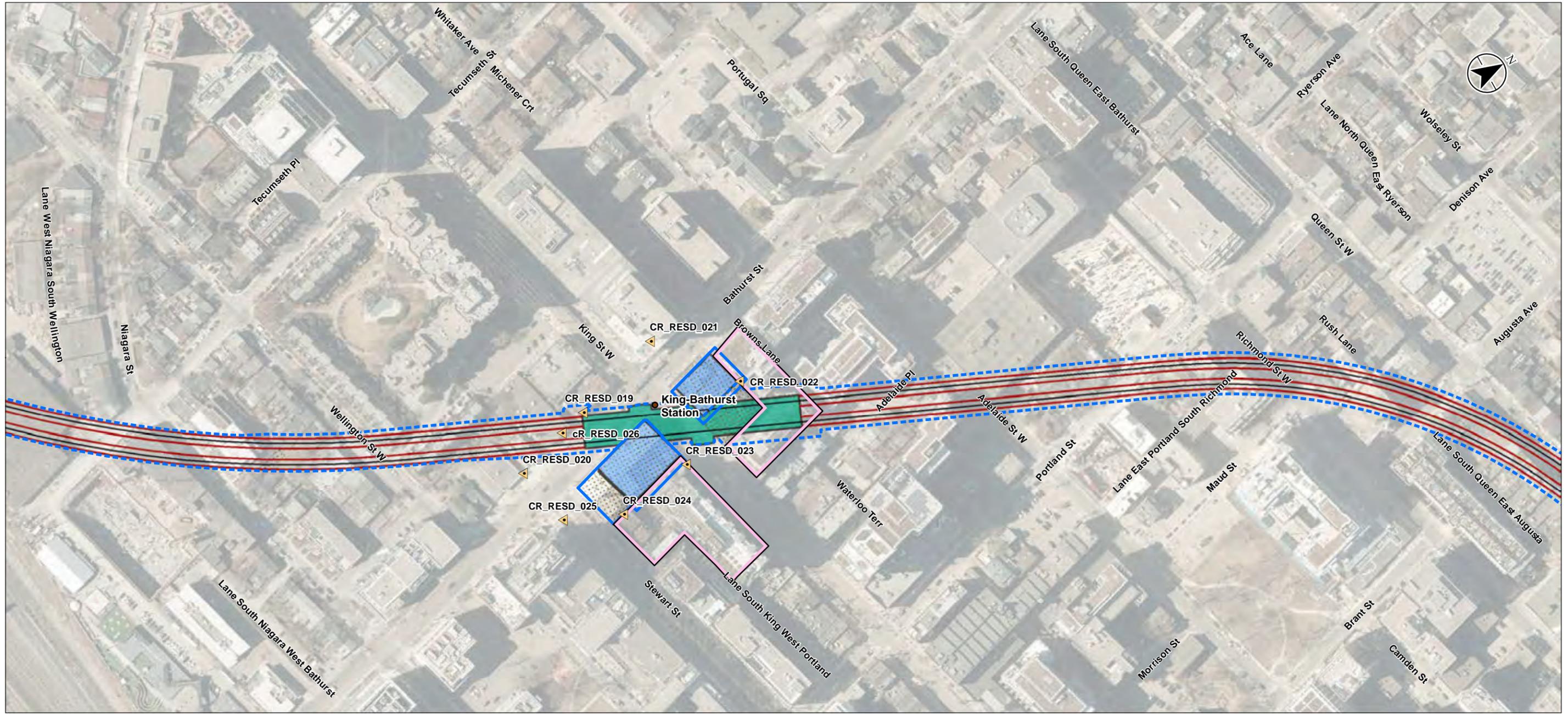
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**Notes**

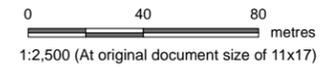
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- Legend**
- Above Grade Project Element Footprint
  - Below Grade Project Element Footprint
  - Alignment - Current**
  - Track Alignment Centerline
  - Tunnels
  - Station
  - Station Platform - Subsurface Level
  - Construction Staging and Construction Area
  - ▲ Assessed Noise Receptor Impacted
  - Identified Areas for Monitoring



**Project Location**  
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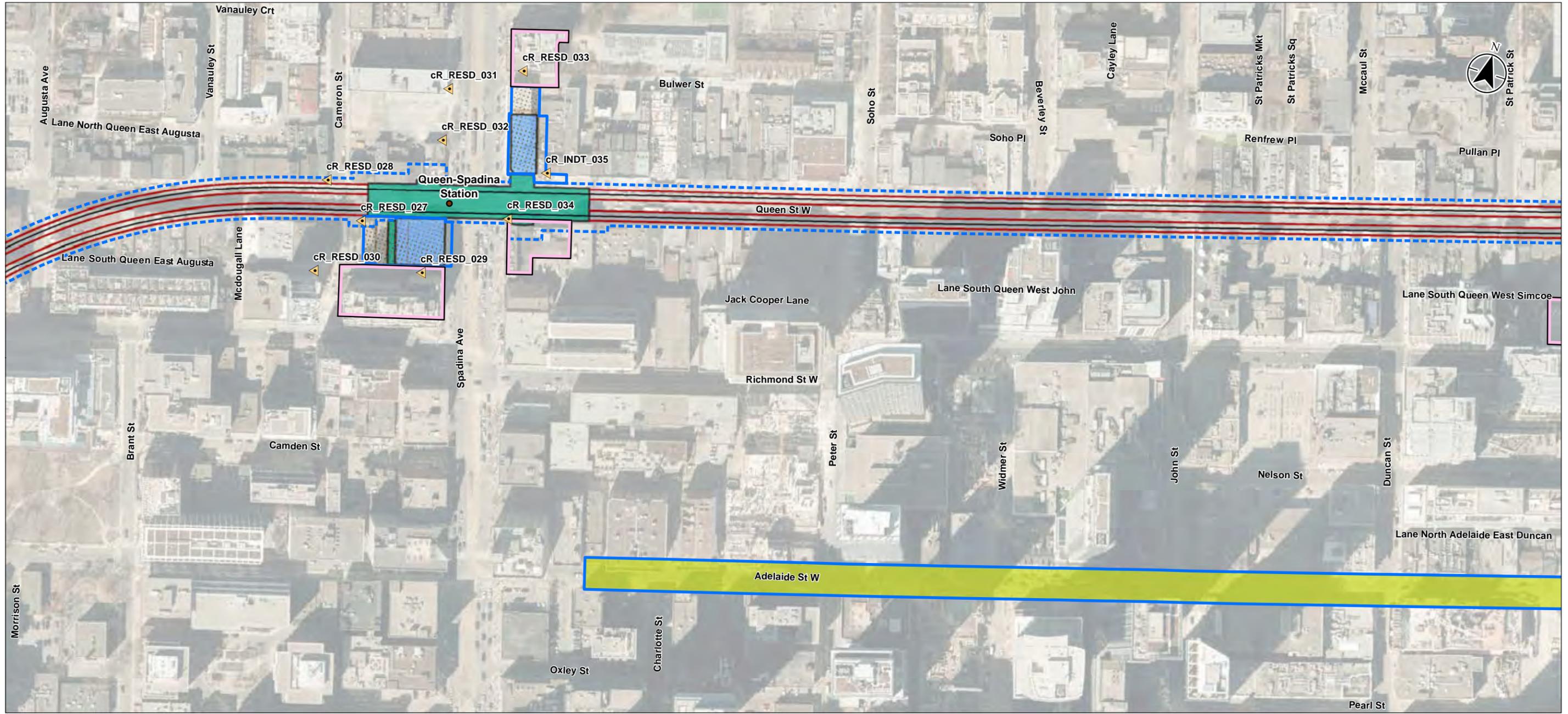
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**Figure No.**  
**F-2-3**

**Title**  
Construction Noise Impacted Area (Minimum Area Identified for Monitoring)

\\cd1215-10\work\_group\1605\active\160560009\11\_data\gis\_cad\gis\mxd\atmospheric\report\_figures\20211125\_Noise\_Report\_rev4\160560009\_NR\_FigF-2-01-22\_NoiseMonitoring.mxd Revised: 2022-03-10 By: bcowper



- Legend**
- Above Grade Project Element Footprint
  - Below Grade Project Element Footprint
  - Alignment - Current**
  - Track Alignment Centerline
  - Tunnels
  - Station
  - Station Platform - Subsurface Level
  - Streetcar Diversion
  - Construction Staging and Construction Area
  - ▲ Assessed Noise Receptor Impacted
  - Identified Areas for Monitoring

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0 40 80 metres  
 1:2,500 (At original document size of 11x17)



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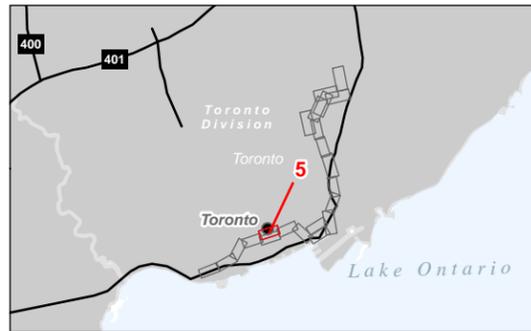
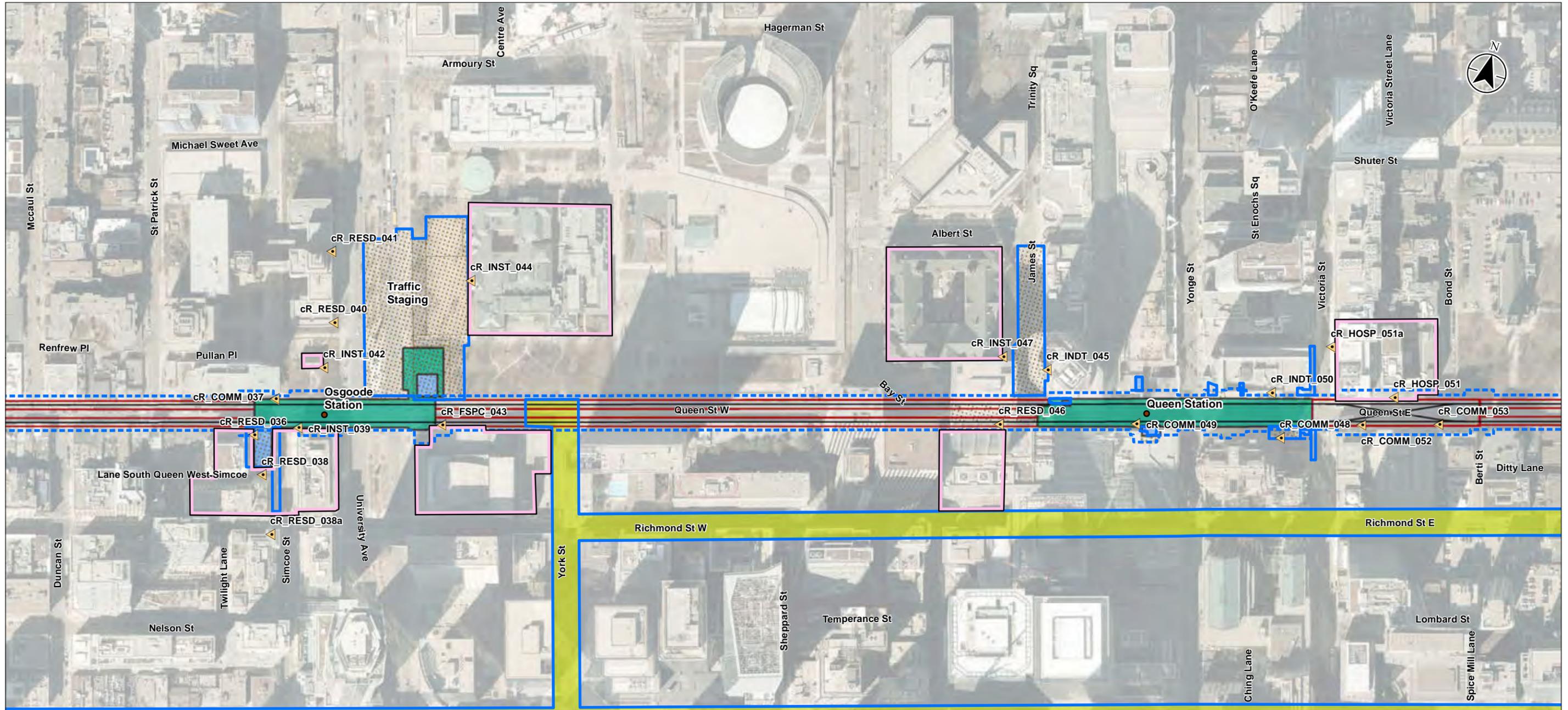
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*Figure No.*  
**F-2-4**

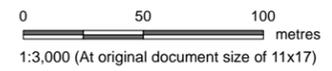
*Title*  
 Construction Noise Impacted Area (Minimum Area Identified for Monitoring)

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- Legend**
- Above Grade Project Element Footprint
  - Below Grade Project Element Footprint
  - Alignment - Current**
  - Track Alignment Centerline
  - Tunnels
  - Station
  - Station Platform - Subsurface Level
  - Streetcar Diversion
  - Construction Staging and Construction Area
  - ▲ Assessed Noise Receptor Impacted
  - Identified Areas for Monitoring

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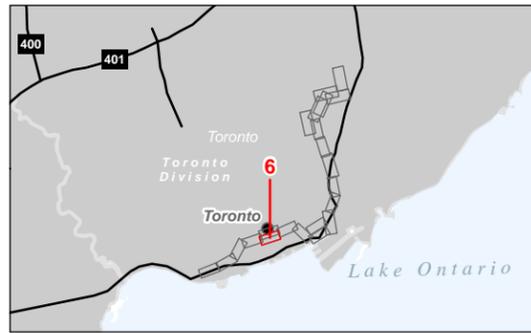
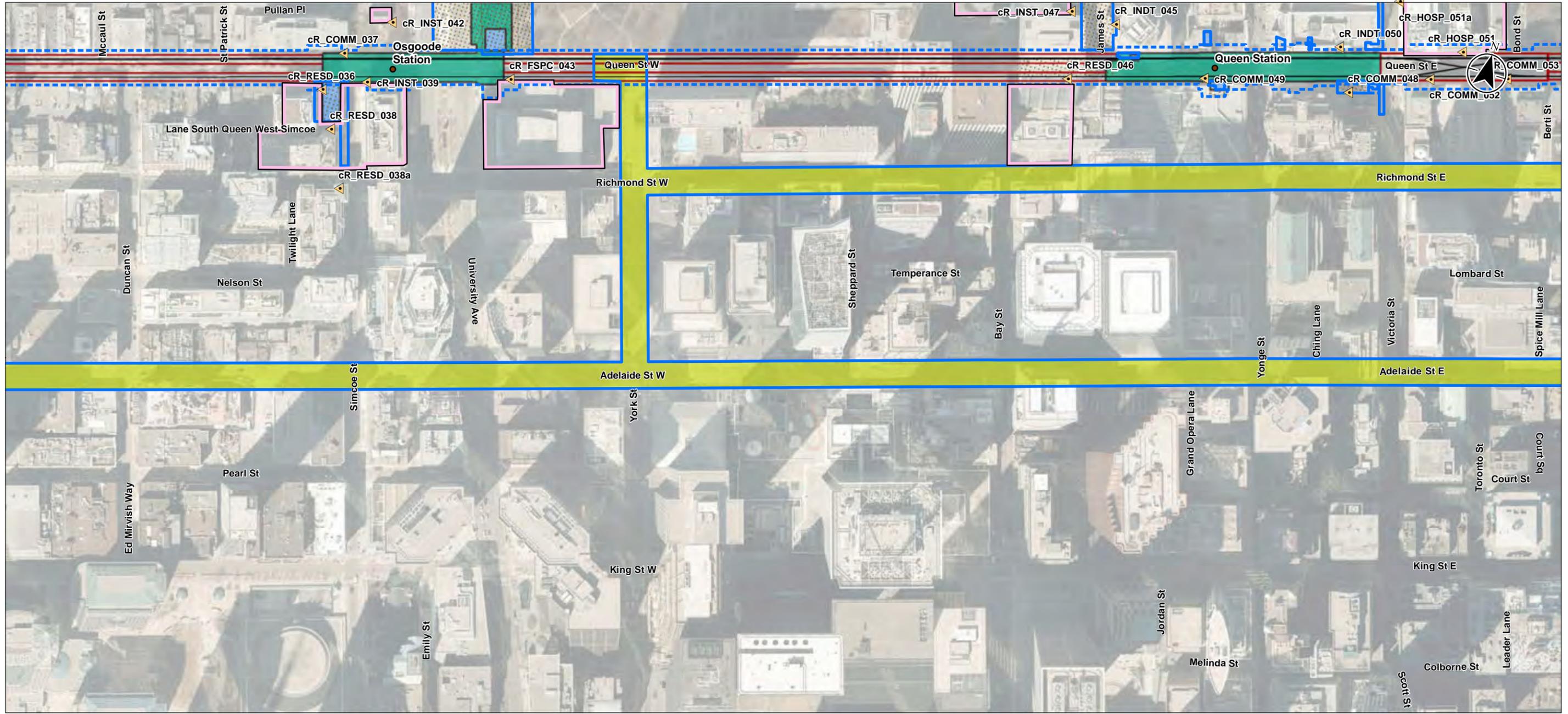


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Figure No.: **F-2-5**  
 Title: Construction Noise Impacted Area (Minimum Area Identified for Monitoring)

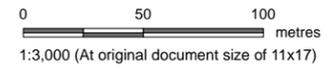
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**Legend**

- Above Grade Project Element Footprint
- Below Grade Project Element Footprint
- Alignment - Current**
- Track Alignment Centerline
- Tunnels
- Station
- Station Platform - Subsurface Level
- Streetcar Diversion
- Construction Staging and Construction Area
- ▲ Assessed Noise Receptor Impacted
- Identified Areas for Monitoring

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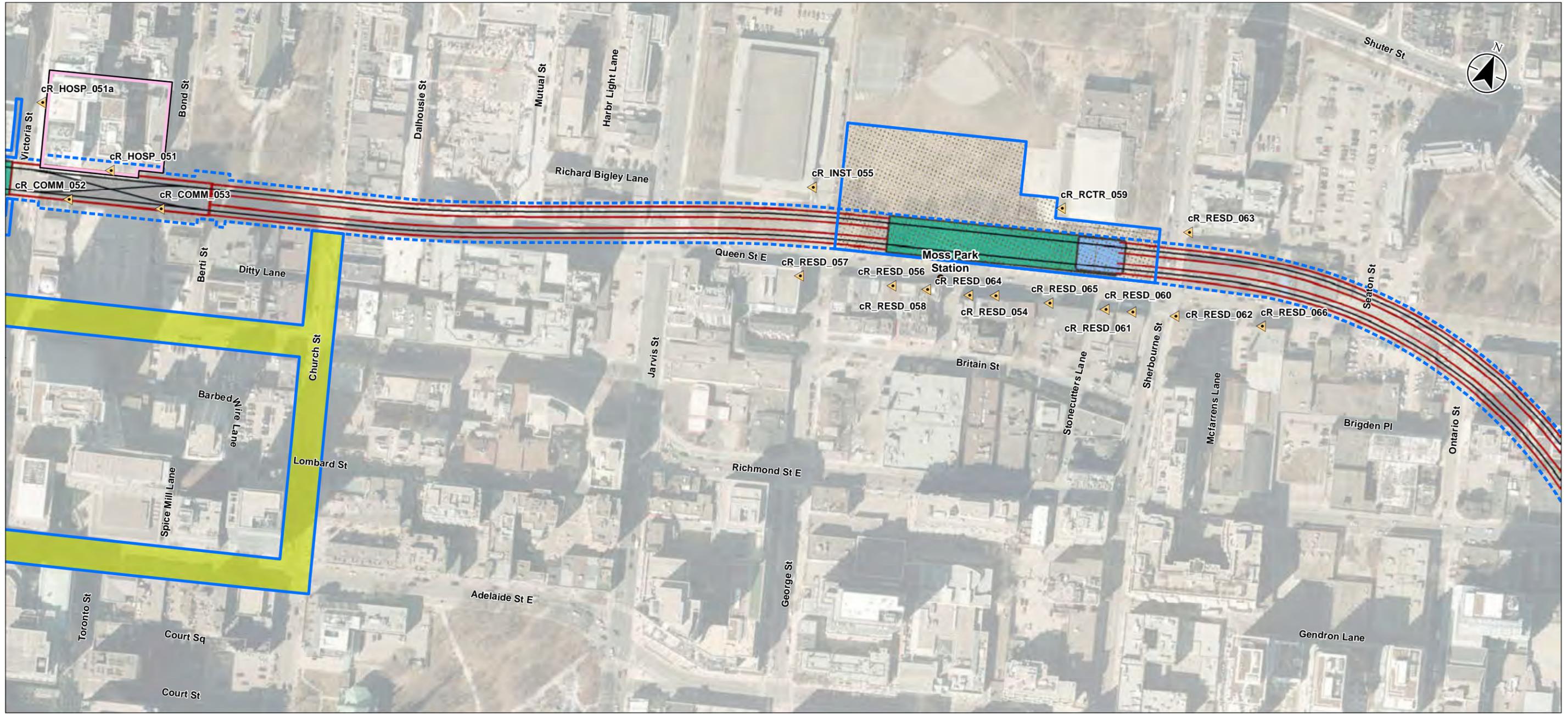
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*Figure No.*

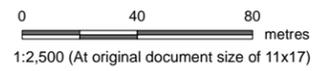
**F-2-6**

*Title*  
 Construction Noise Impacted Area (Minimum Area Identified for Monitoring)

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- Legend**
- Above Grade Project Element Footprint
  - Below Grade Project Element Footprint
  - Alignment - Current**
  - Track Alignment Centerline
  - Tunnels
  - Station
  - Station Platform - Subsurface Level
  - Streetcar Diversion
  - Construction Staging and Construction Area
  - ▲ Assessed Noise Receptor Impacted
  - Identified Areas for Monitoring



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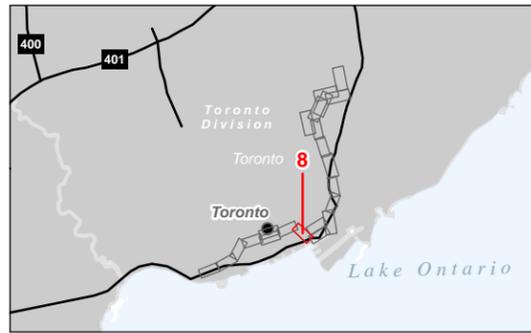
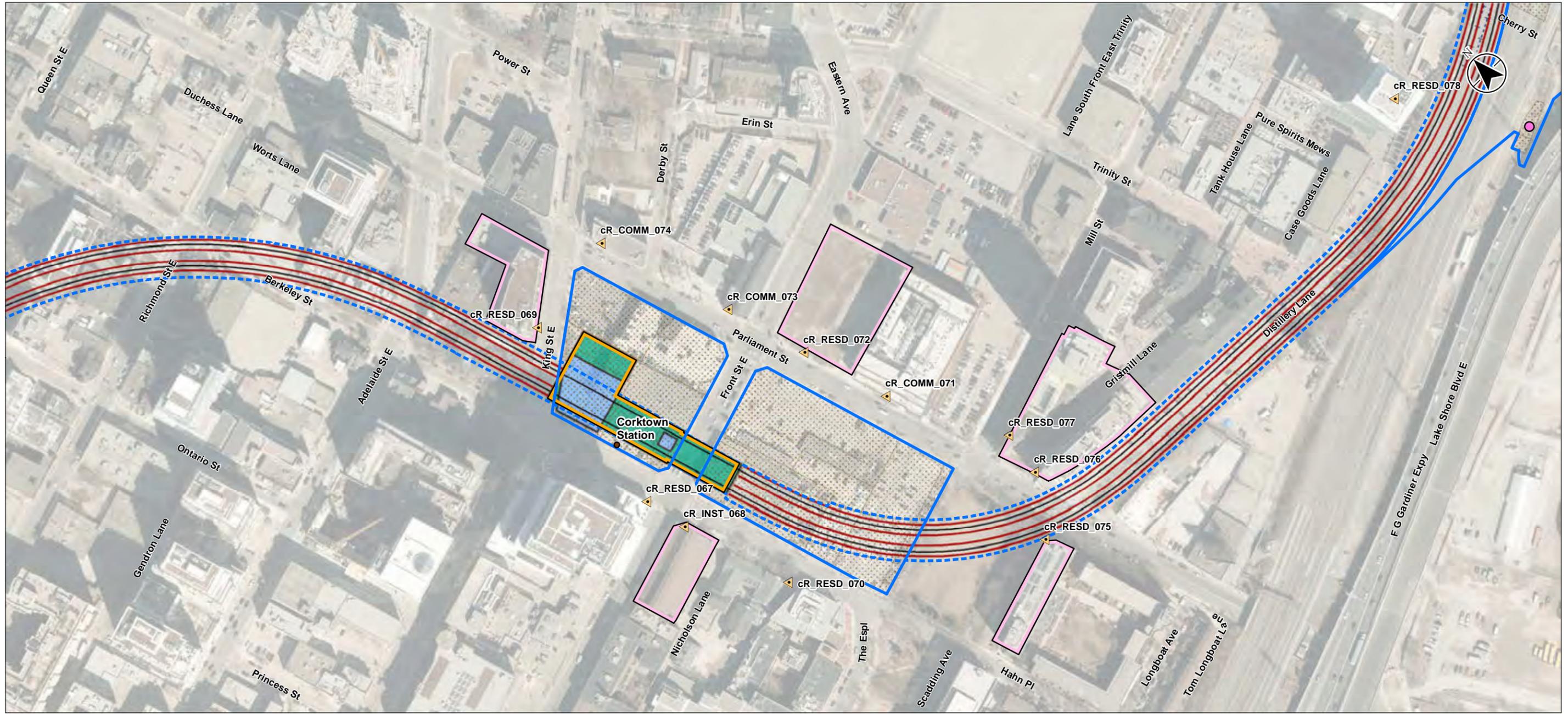
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*Figure No.*  
**F-2-7**

*Title*  
Construction Noise Impacted Area (Minimum Area Identified for Monitoring)

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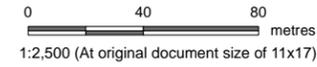
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**Legend**

- Above Grade Element - Pier, Bridge, Shaft
- Above Grade Project Element Footprint
- Below Grade Project Element Footprint
- Alignment - Current**
- Track Alignment Centerline
- Tunnels
- Emergency Egress Building (EEB)
- Station
- Station Platform - Subsurface Level
- Construction Staging and Construction Area
- ▲ Assessed Noise Receptor Impacted
- Identified Areas for Monitoring



**Project Location**  
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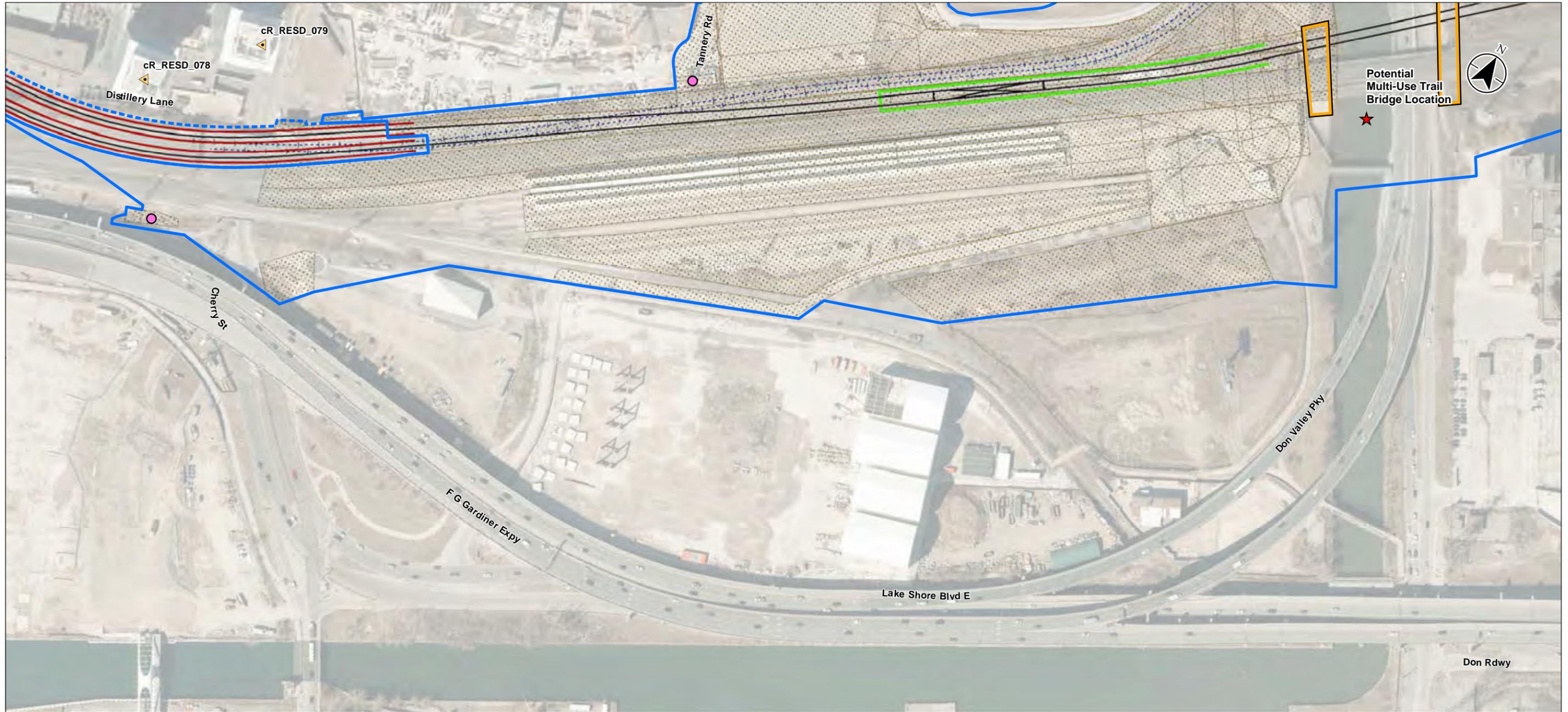
**Client/Project**  
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**Figure No.**  
**F-2-8**

**Title**  
Construction Noise Impacted Area (Minimum Area Identified for Monitoring)

\\c01215-10\work\_group\01605\active\160560009\11\_data\gis\_cad\gis\mxd\atmospheric\report\_figures\20211125\_Noise\_Report\_rev4\160560009\_NR\_FigF-2-01-22\_NoiseMonitoring.mxd Revised: 2022-03-10 By: bcowper



- Legend**
- Above Grade Element - Pier, Bridge, Shaft
  - Above Grade Project Element Footprint
  - Below Grade Project Element Footprint
  - Alignment - Current**
  - Track Alignment Centerline
  - Tunnels
  - Portal
  - Emergency Egress Building (EEB)
  - Potential Multi-Use Trail Bridge Location
  - Construction Staging and Construction Area
  - Assessed Noise Receptor Impacted

**Notes**

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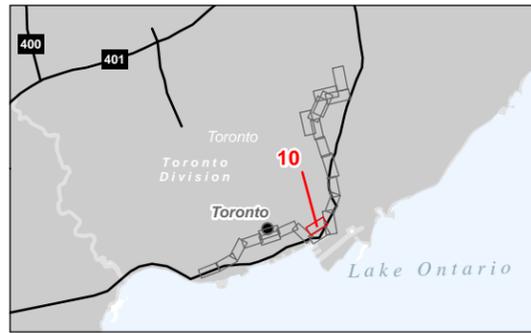
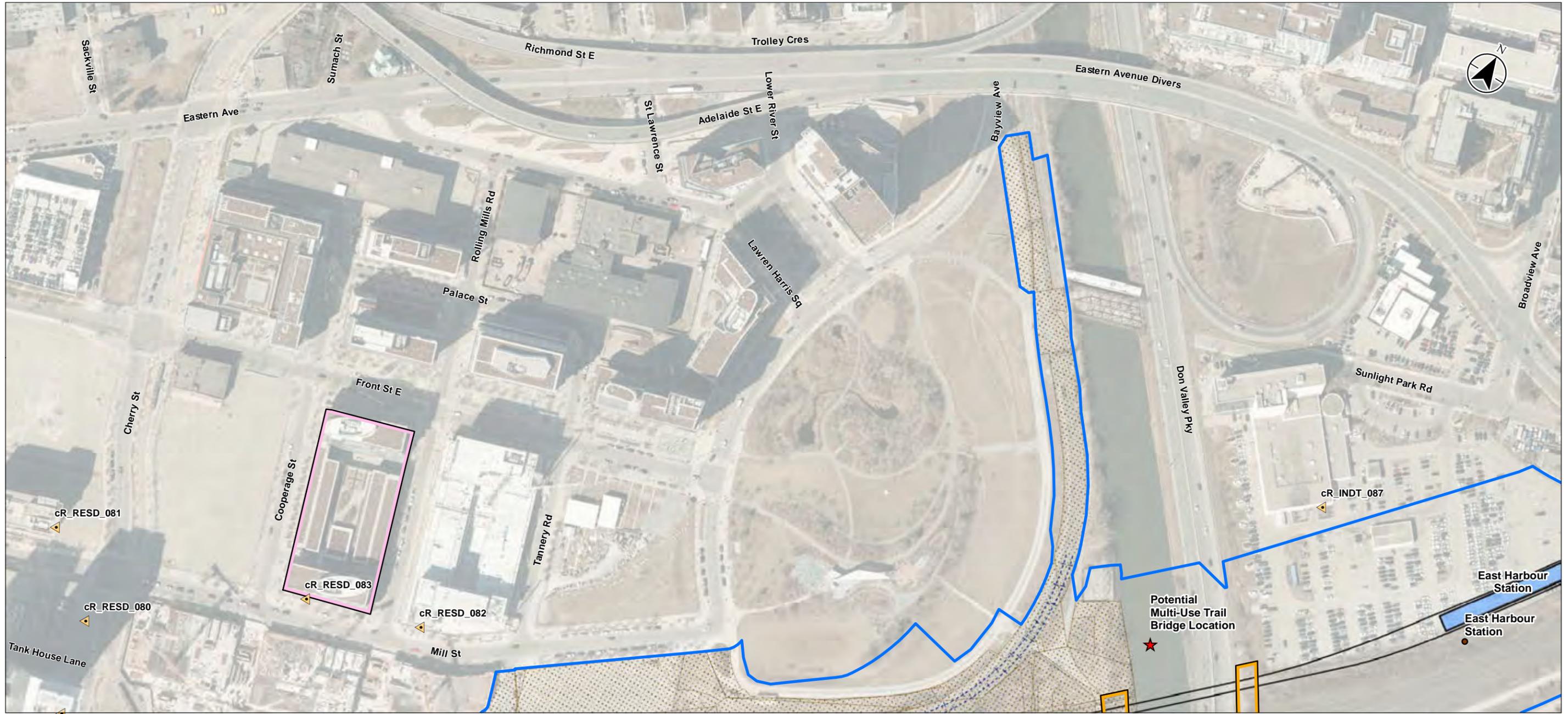
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Figure No.: **F-2-9**  
Title: Construction Noise Impacted Area (Minimum Area Identified for Monitoring)



- Legend**
- Above Grade Element - Pier, Bridge, Shaft
  - Above Grade Project Element Footprint
  - Alignment - Current**
  - Track Alignment Centerline
  - Portal
  - Potential Multi-Use Trail Bridge Location
  - Station
  - Construction Staging and Construction Area
  - Assessed Noise Receptor Impacted
  - Identified Areas for Monitoring

0 40 80 metres  
1:2,500 (At original document size of 11x17)



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Toronto, ON  
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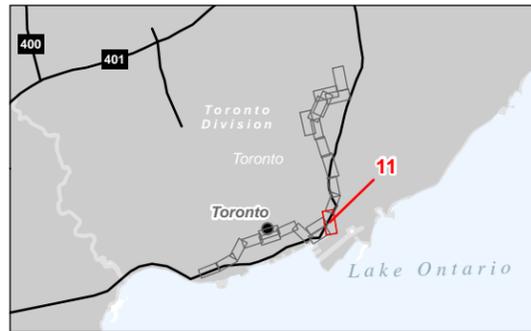
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160560009 REVA

Figure No.  
**F-2-10**  
Title  
Construction Noise Impacted Area (Minimum Area Identified for Monitoring)

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- Legend**
- Above Grade Project Element Footprint
  - Alignment - Current**
  - Track Alignment Centerline
  - Station
  - ▲ Assessed Noise Receptor Impacted

0 40 80 metres  
1:2,500 (At original document size of 11x17)



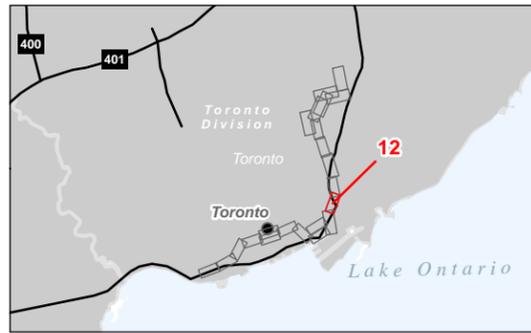
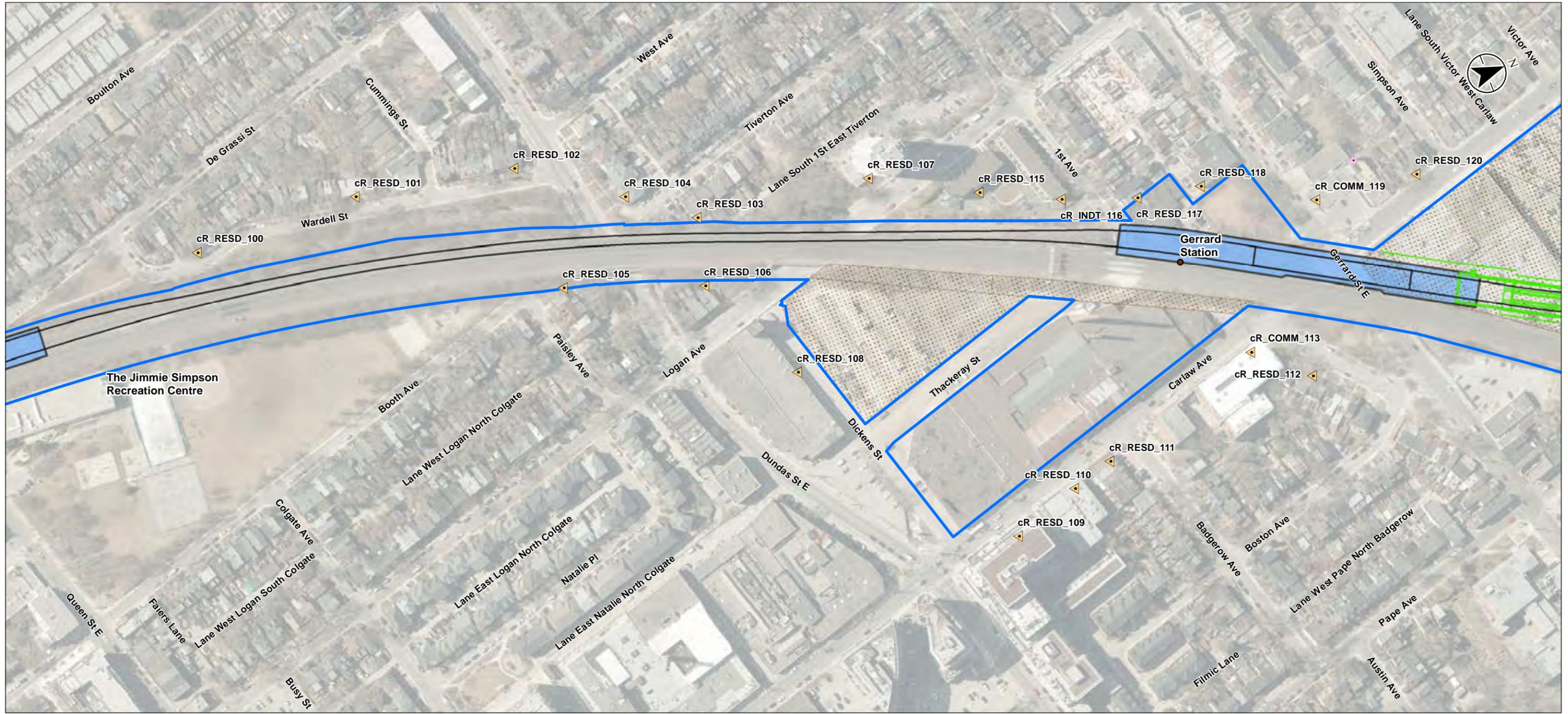
Project Location: Toronto, ON  
Prepared by BCC on 2022-03-10  
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Client/Project: HDR CORPORATION  
ONTARIO LINE TA  
160560009 REVA

Figure No.: **F-2-11**  
Title: Construction Noise Impacted Area (Minimum Area Identified for Monitoring)

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- Legend**
- Above Grade Project Element Footprint
  - Alignment - Current**
  - Track Alignment Centerline
  - Portal
  - Station
  - Construction Staging and Construction Area
  - ▲ Assessed Noise Receptor Impacted
  - Identified Areas for Monitoring

0 40 80 metres  
1:2,500 (At original document size of 11x17)



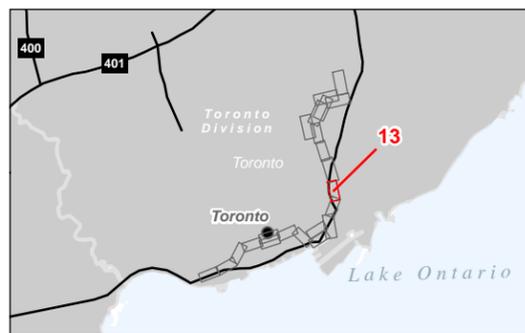
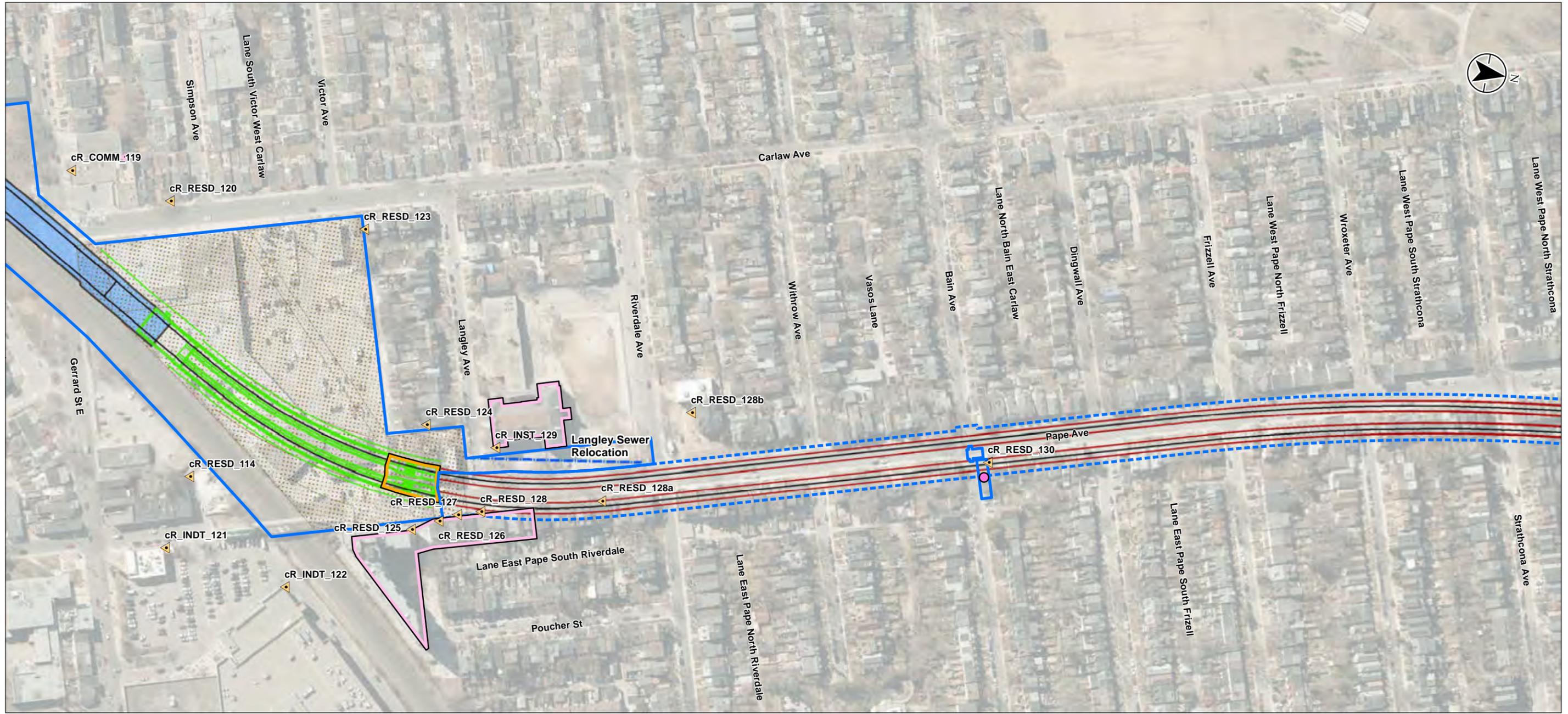
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Client/Project: HDR CORPORATION, ONTARIO LINE TA  
160560009 REVA

Figure No.: **F-2-12**  
Title: Construction Noise Impacted Area (Minimum Area Identified for Monitoring)

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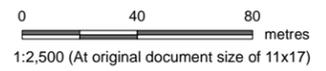
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**Legend**

- Above Grade Element - Pier, Bridge, Shaft
- Above Grade Project Element Footprint
- Below Grade Project Element Footprint
- Track Alignment Centerline
- Tunnels
- Portal
- Proposed Sewer Relocation
- Emergency Egress Building (EEB)
- Station
- Construction Staging and Construction Area
- Assessed Noise Receptor Impacted
- Identified Areas for Monitoring



**Project Location**  
Toronto, ON

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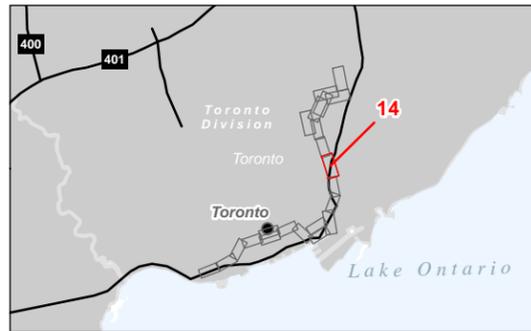
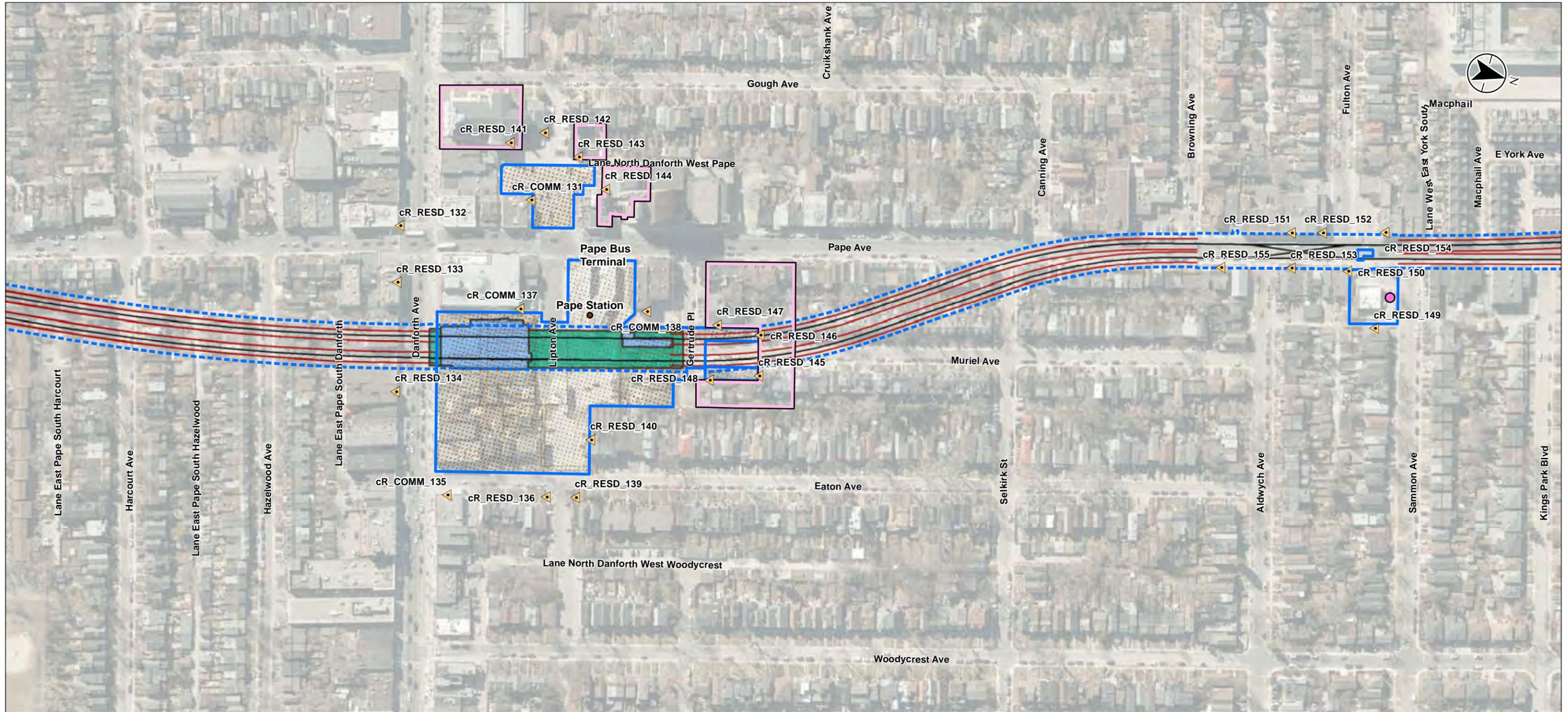
**Client/Project**  
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**Figure No.**  
**F-2-13**

**Title**  
Construction Noise Impacted Area (Minimum Area Identified for Monitoring)

\\cd1215-10\work\_group\01605\active\160560009\11\_data\gis\_cad\gis\mxd\atmospheric\report\_figures\20211125\_Noise\_Report\_rev4\160560009\_NR\_FigF-2-01-22\_NoiseMonitoring.mxd Revised: 2022-03-10 By: bcooper



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- Legend**
- Above Grade Project Element Footprint
  - Below Grade Project Element Footprint
  - Alignment - Current**
  - Track Alignment Centerline
  - Tunnels
  - Emergency Egress Building (EEB)
  - Station
  - Station Platform - Subsurface Level
  - Construction Staging and Construction Area
  - Assessed Noise Receptor Impacted
  - Identified Areas for Monitoring

0 40 80 metres  
 1:2,500 (At original document size of 11x17)

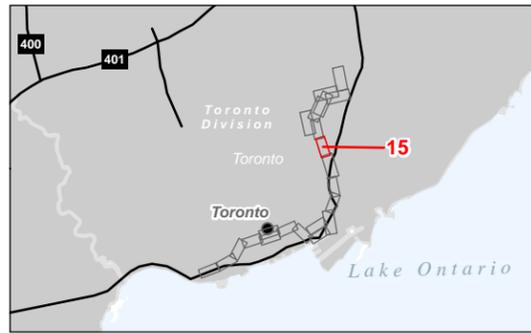
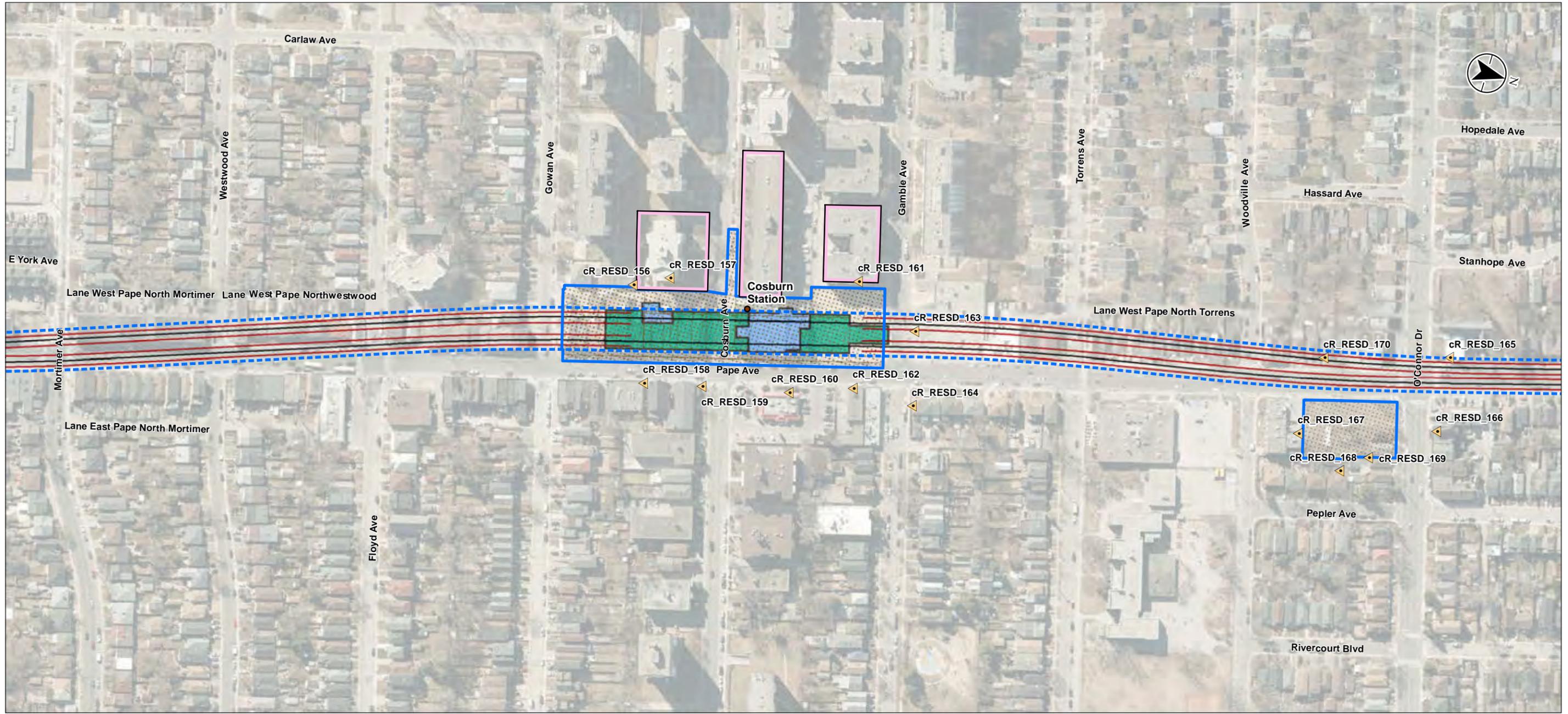


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Figure No.: **F-2-14**  
 Title: Construction Noise Impacted Area (Minimum Area Identified for Monitoring)

\\cd1215-10\work\_group\01605\active\160560009\11\_data\gis\_cad\gis\mxd\atmospheric\report\_figures\20211125\_Noise\_Report\_rev4\160560009\_NR\_FigF-2-01-22\_NoiseMonitoring.mxd Revised: 2022-03-10 By: bcooper



- Legend**
- Above Grade Project Element Footprint
  - Below Grade Project Element Footprint
  - Alignment - Current**
  - Track Alignment Centerline
  - Tunnels
  - Station
  - Station Platform - Subsurface Level
  - Construction Staging and Construction Area
  - Assessed Noise Receptor Impacted
  - Identified Areas for Monitoring

0 40 80 metres  
1:2,500 (At original document size of 11x17)



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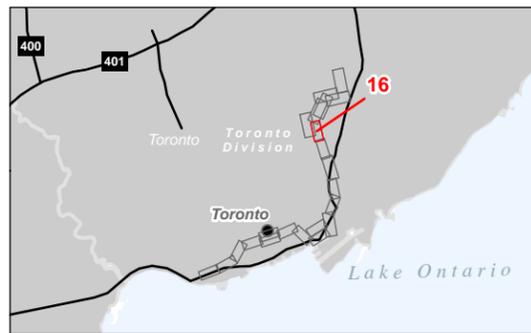
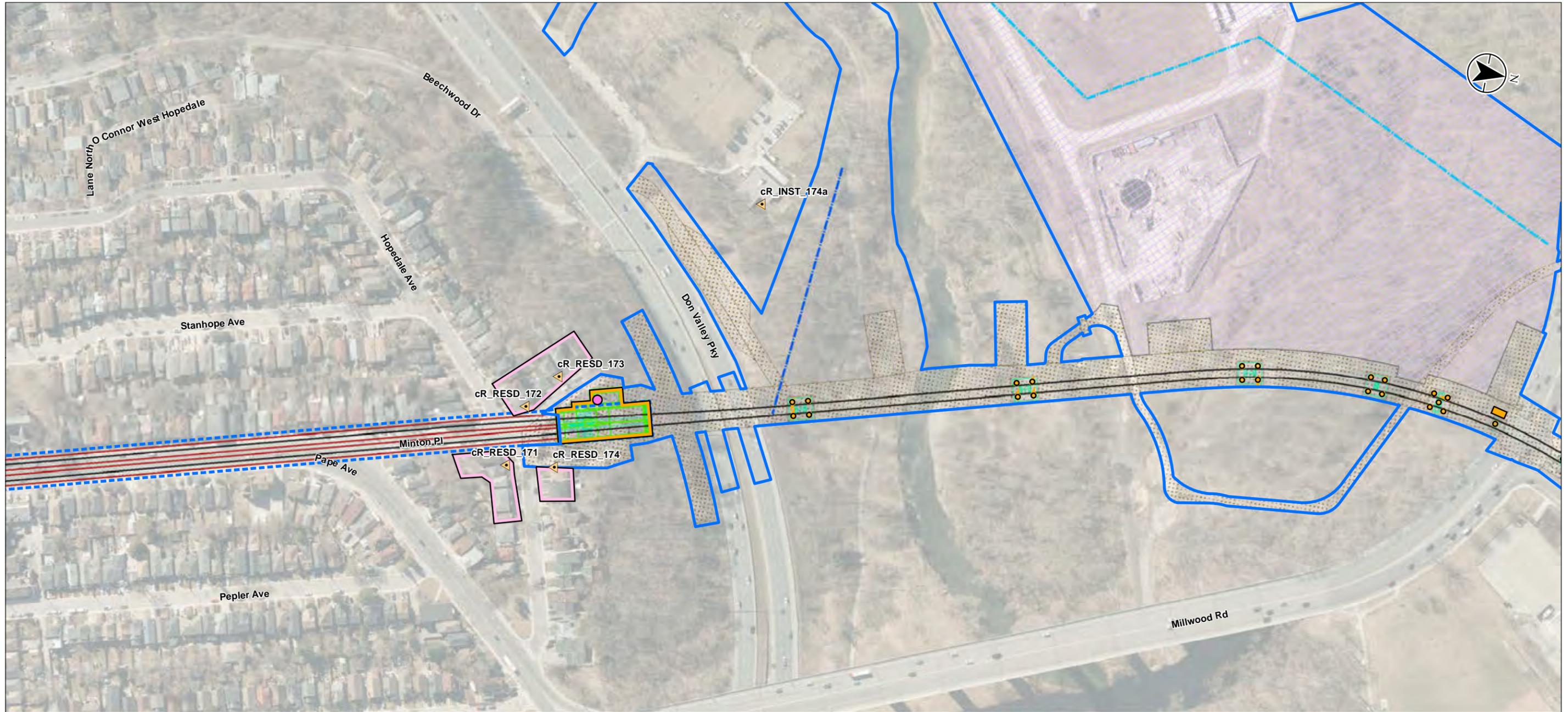
*Figure No.*  
**F-2-15**

*Title*  
Construction Noise Impacted Area (Minimum Area Identified for Monitoring)

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**Legend**

- |   |  |
|---|--|
| Above Grade Element - Pier, Bridge, Shaft | Construction Staging and Construction Area |
| Above Grade Project Element Footprint     | Ancillary HONI Realignment Area            |
| Below Grade Project Element Footprint     | Assessed Noise Receptor Impacted           |
| <b>Alignment - Current</b>                | Identified Areas for Monitoring            |
| Track Alignment Centerline                |  |
| Tunnels                                   |  |
| Portal                                    |  |
| Elevated Guideway                         |  |
| Proposed Sewer Bypass                     |  |
| Proposed HONI Realignment                 |  |
| Emergency Egress Building (EEB)           |  |

0 40 80 metres  
 1:2,500 (At original document size of 11x17)



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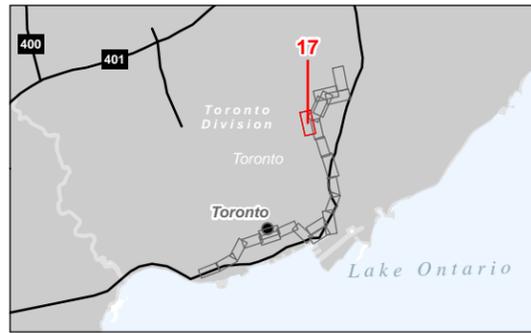
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*Figure No.*  
**F-2-16**

*Title*  
 Construction Noise Impacted Area (Minimum Area Identified for Monitoring)

\\cd1215-10\work\_group\1605\active\160560009\11\_data\gis\_cad\gis\mxd\atmospheric\report\_figures\20211125\_Noise\_Report\_rev4\160560009\_NR\_FigF-2-01-22\_NoiseMonitoring.mxd Revised: 2022-03-10 By: bcowper



- Legend**
-  Above Grade Project Element Footprint
  -  Proposed Sewer Bypass
  -  Proposed HONI Realignment
  -  Operations, Maintenance and Storage Facility
  -  Construction Staging and Construction Area
  -  Ancillary HONI Realignment Area

0 50 100 metres  
1:3,000 (At original document size of 11x17)



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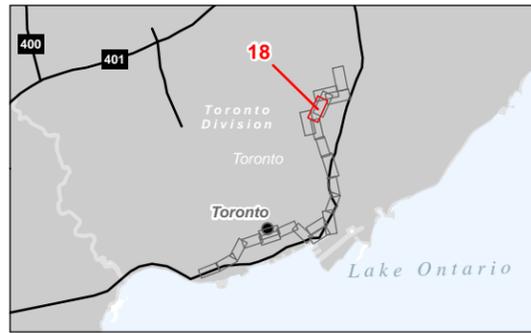
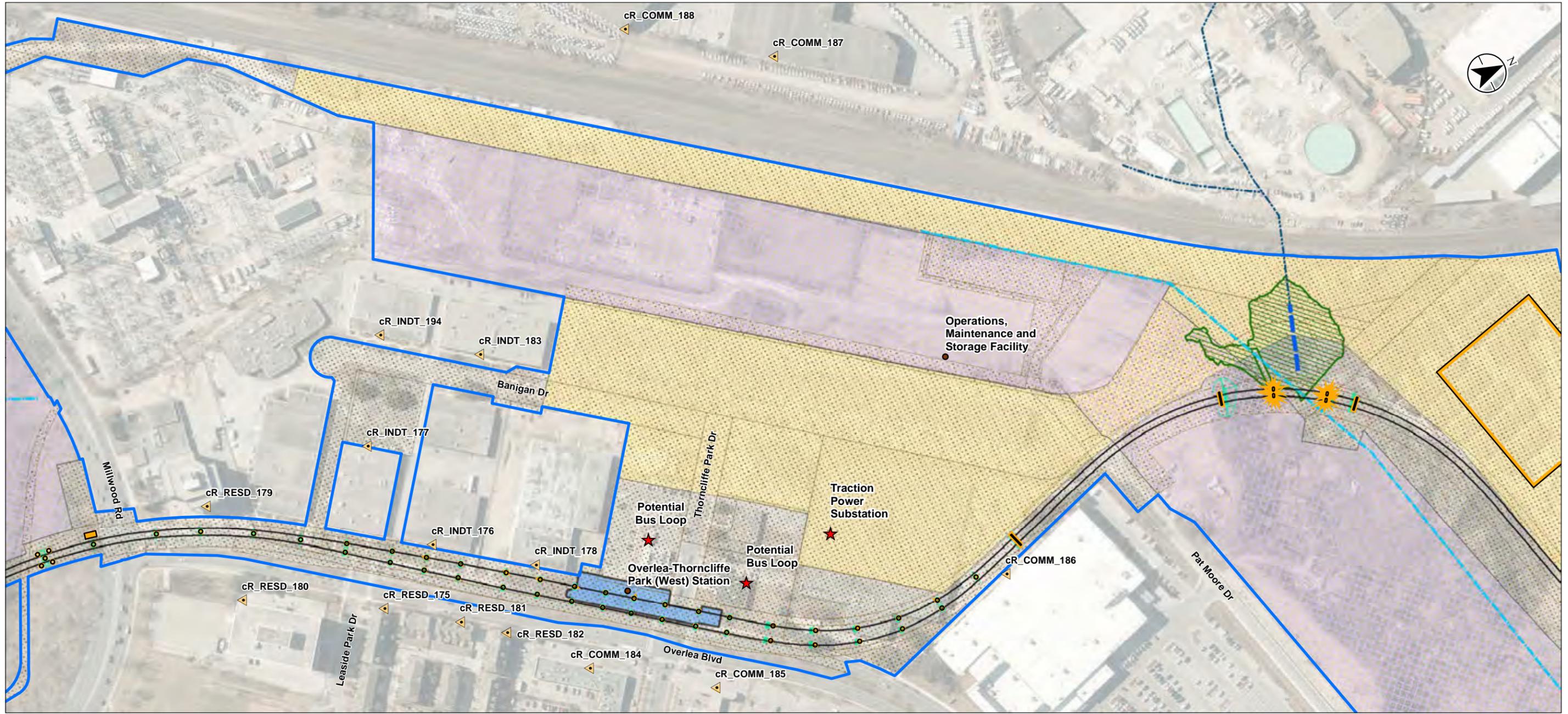
Figure No.  
**F-2-17**

Title  
Construction Noise Impacted Area (Minimum Area Identified for Monitoring)

**Notes**

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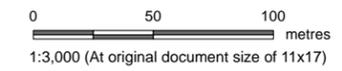
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**Legend**

	Above Grade Element - Pier, Bridge, Shaft		Operations, Maintenance and Storage Facility
	Above Grade Project Element Footprint		Construction Staging and Construction Area
	Track Alignment Centerline		Ancillary HONI Realignment Area
	Elevated Guideway		Assessed Noise Receptor Impacted
	Existing Storm Sewer		
	Storm Sewer Extension		
	Proposed HONI Realignment		
	Potential Bus Loop		
	Traction Power Substation		
	Station		



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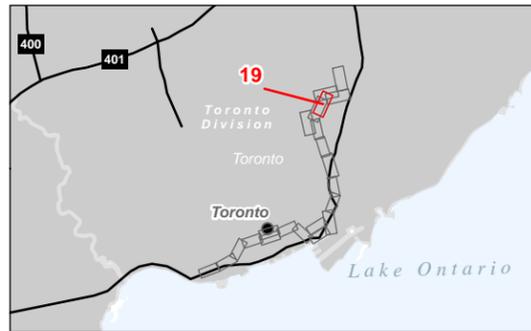
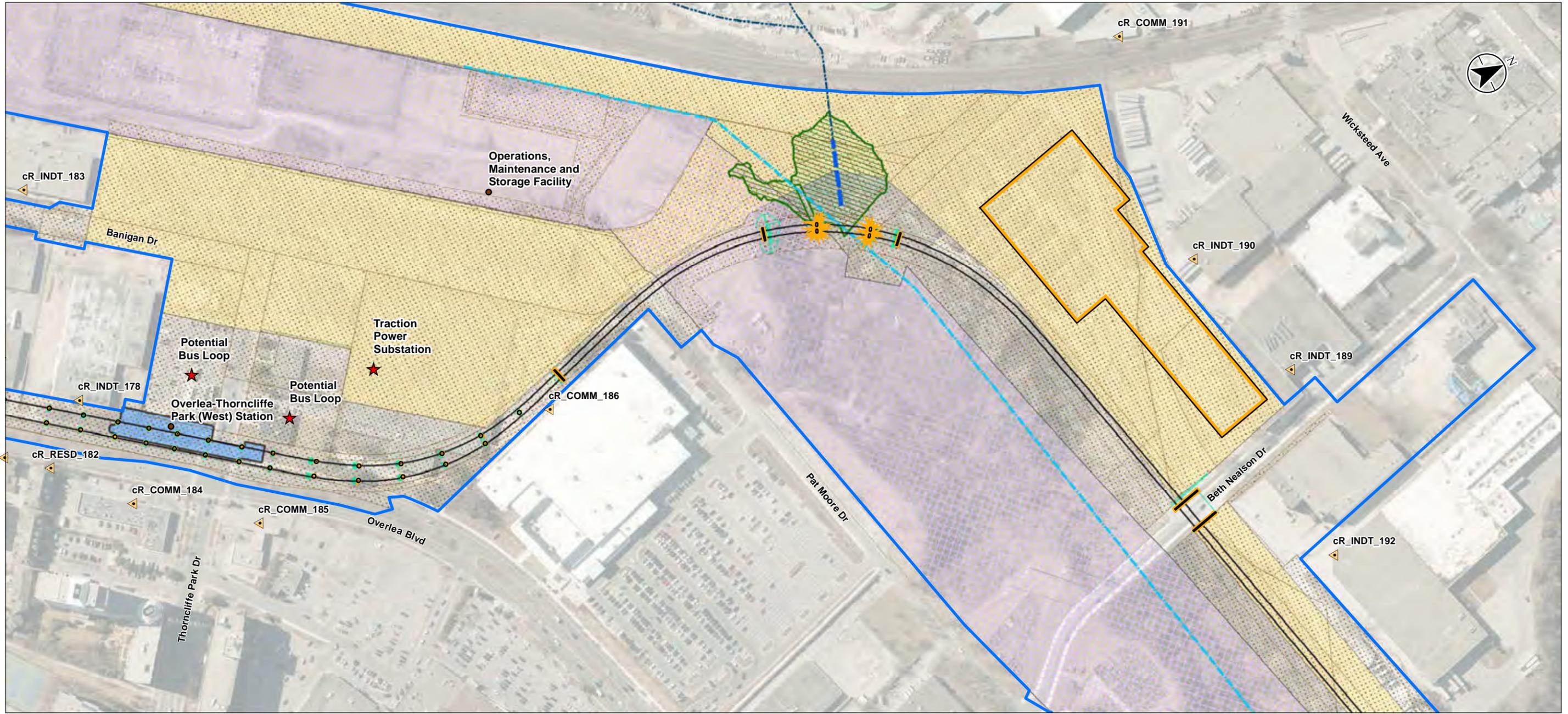
**Figure No.**  
**F-2-18**

**Title**  
Construction Noise Impacted Area (Minimum Area Identified for Monitoring)

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- Legend**
- Above Grade Element - Pier, Bridge, Shaft
  - Above Grade Project Element Footprint
  - Alignment - Current**
  - Track Alignment Centerline
  - Elevated Guideway
  - Existing Storm Sewer
  - Storm Sewer Extension
  - Proposed HONI Realignment
  - ★ Potential Bus Loop
  - ★ Traction Power Substation
  - Station
  - Operations, Maintenance and Storage Facility
  - Construction Staging and Construction Area
  - Ancillary HONI Realignment Area
  - ▲ Assessed Noise Receptor Impacted

0 50 100 metres  
 1:3,000 (At original document size of 11x17)

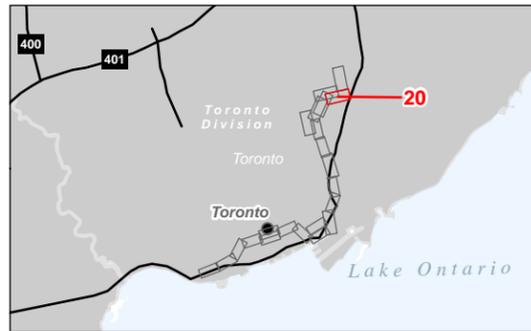
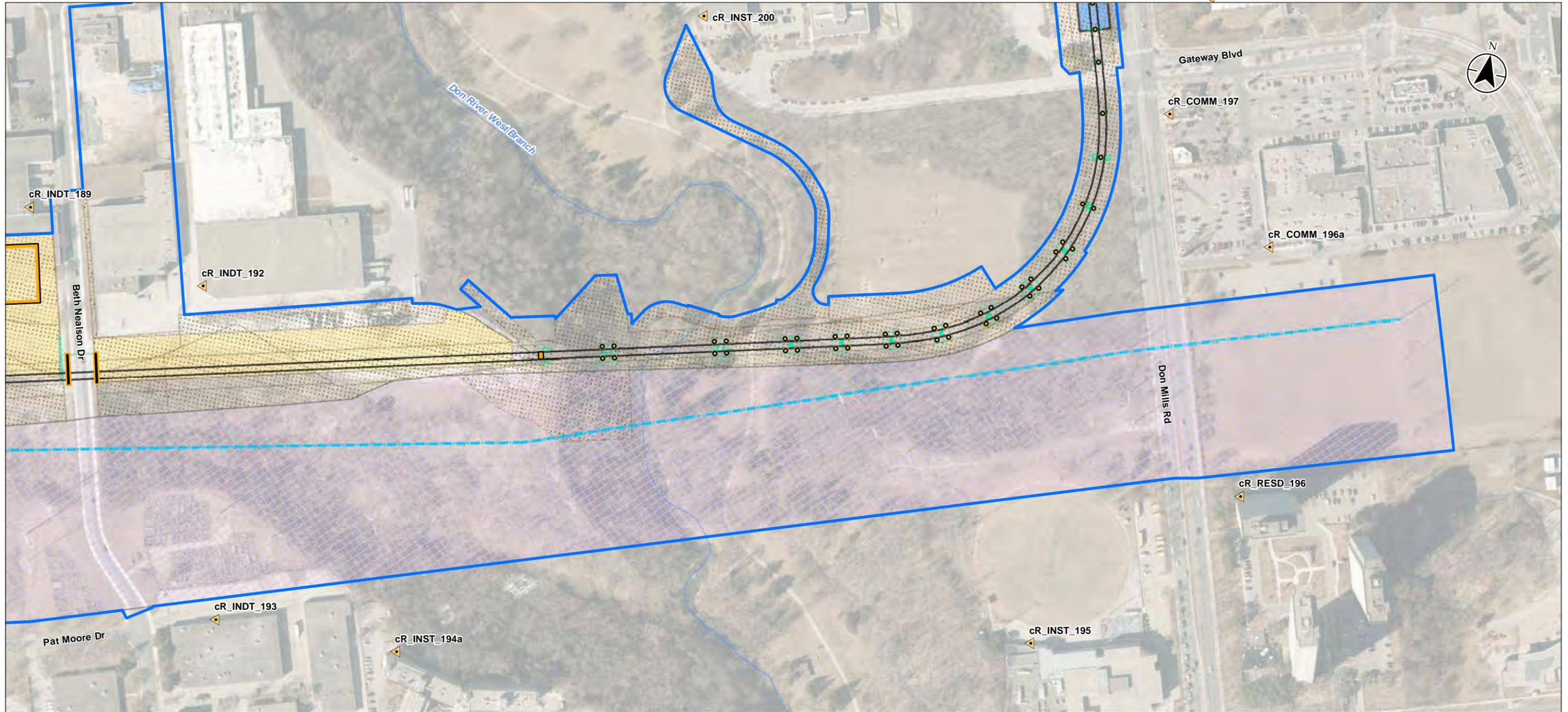


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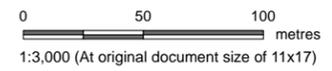
Figure No.: **F-2-19**  
 Title: Construction Noise Impacted Area (Minimum Area Identified for Monitoring)

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- Legend**
- Above Grade Element - Pier, Bridge, Shaft
  - Above Grade Project Element Footprint
  - Alignment - Current**
  - Track Alignment Centerline
  - Elevated Guideway
  - Proposed HONI Realignment
  - Station
  - Operations, Maintenance and Storage Facility
  - Construction Staging and Construction Area
  - Ancillary HONI Realignment Area
  - Assessed Noise Receptor Impacted



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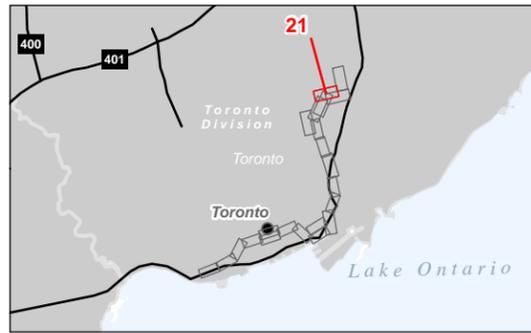
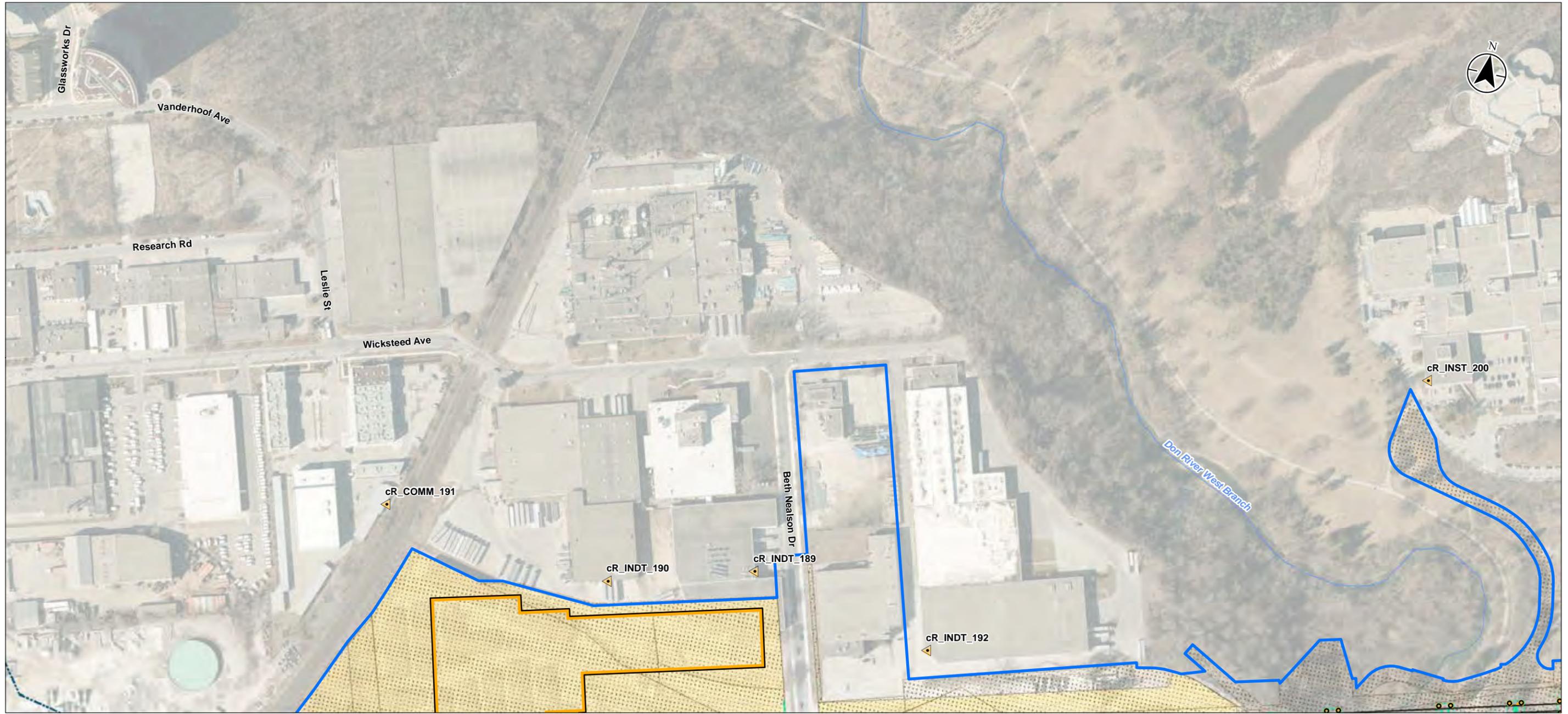
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*Figure No.*  
**F-2-20**

*Title*  
 Construction Noise Impacted Area (Minimum Area Identified for Monitoring)

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- Legend**
-  Above Grade Element - Pier, Bridge, Shaft
  -  Above Grade Project Element Footprint
- Alignment - Current**
-  Track Alignment Centerline
  -  Elevated Guideway
  -  Existing Storm Sewer
  -  Operations, Maintenance and Storage Facility
  -  Construction Staging and Construction Area
  -  Assessed Noise Receptor Impacted

0 50 100 metres  
1:3,000 (At original document size of 11x17)



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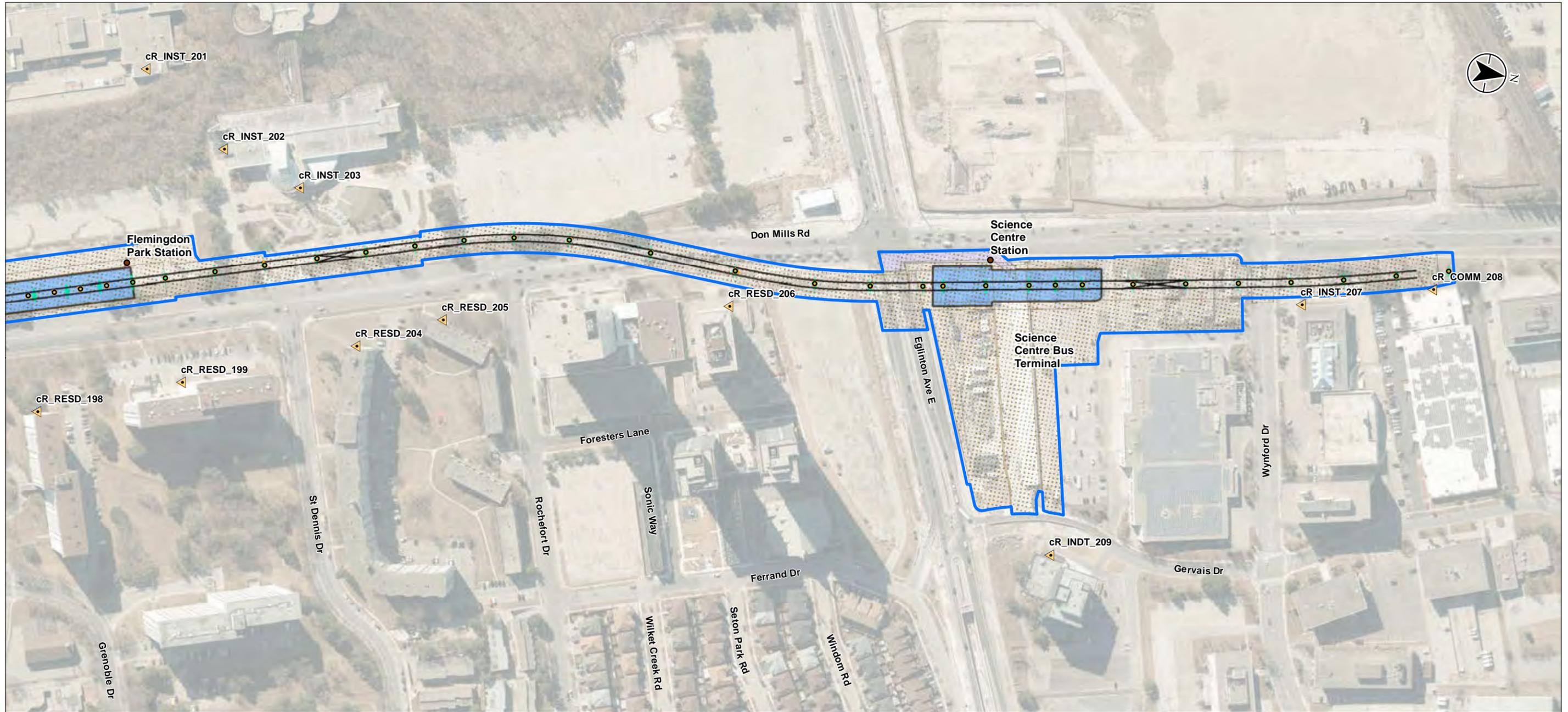
Figure No.  
**F-2-21**

Title  
Construction Noise Impacted Area (Minimum Area Identified for Monitoring)

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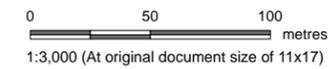
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**Legend**

- Above Grade Element - Pier, Bridge, Shaft
- Above Grade Project Element Footprint
- Alignment - Current**
- Track Alignment Centerline
- Elevated Guideway
- Station
- Pedestrian Tunnel
- Construction Staging and Construction Area
- Assessed Noise Receptor Impacted

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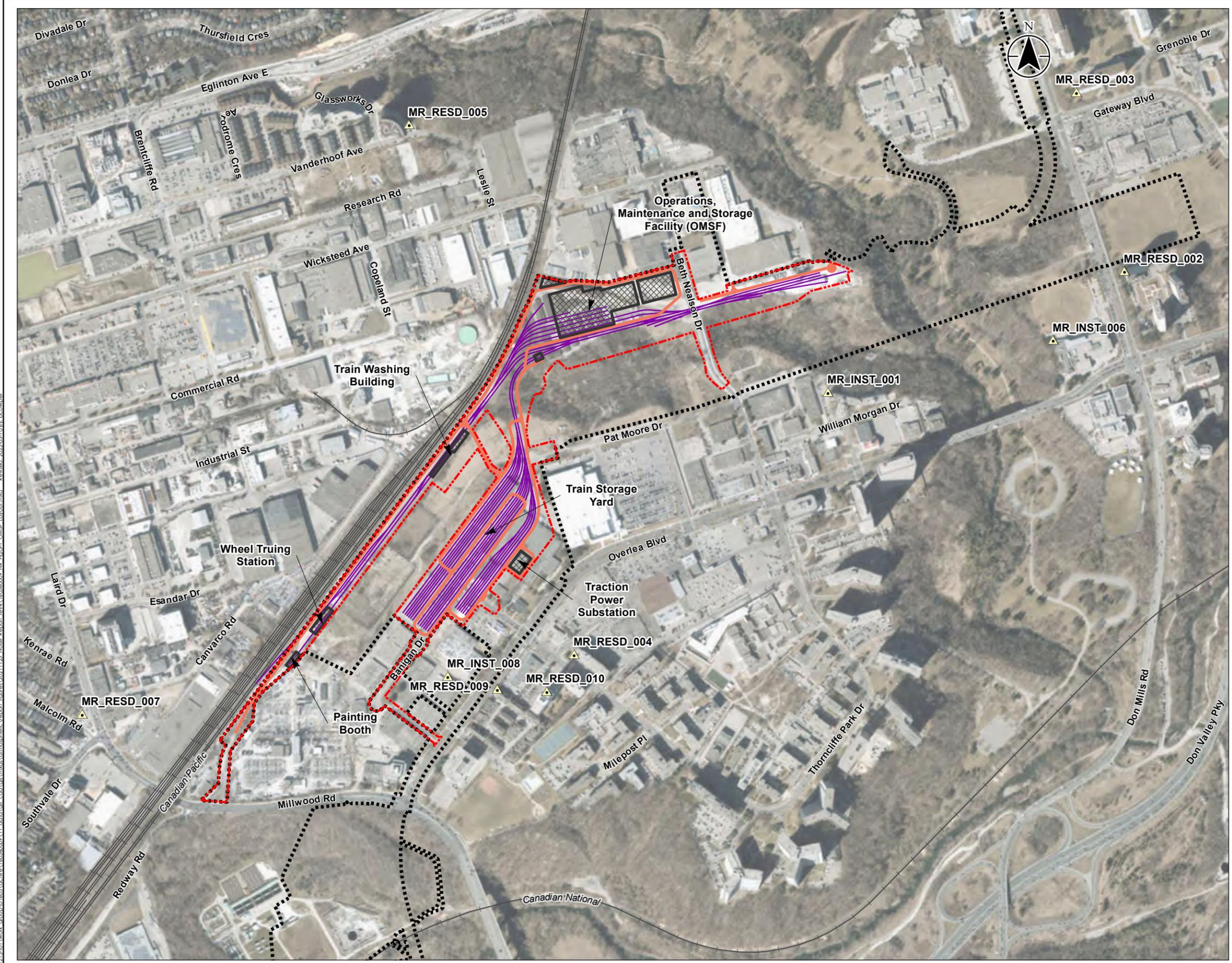
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*Figure No.*  
**F-2-22**

*Title*  
Construction Noise Impacted Area (Minimum Area Identified for Monitoring)

# Appendix G. Operations, Maintenance and Storage Facility Figures



- Legend
- Project Footprint
  - Railway
  - Operations, Maintenance and Storage Facility (OMSF) Construction Limits
  - Track Alignment Centerline
  - Sensitive Point of Reception
  - OMSF Building
  - OMSF Access Road



- Notes
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  4. OMSF layout is the proposed layout, but may change through detailed design.



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 Independent Review by ABC on yyyy-mm-dd

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Figure No.

**G-1**

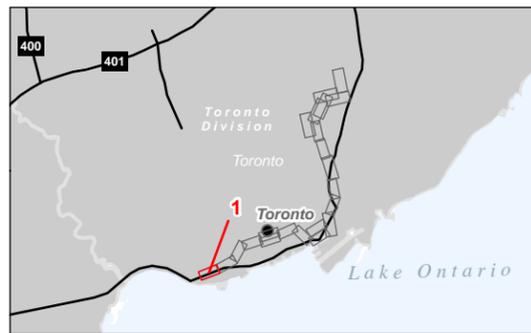
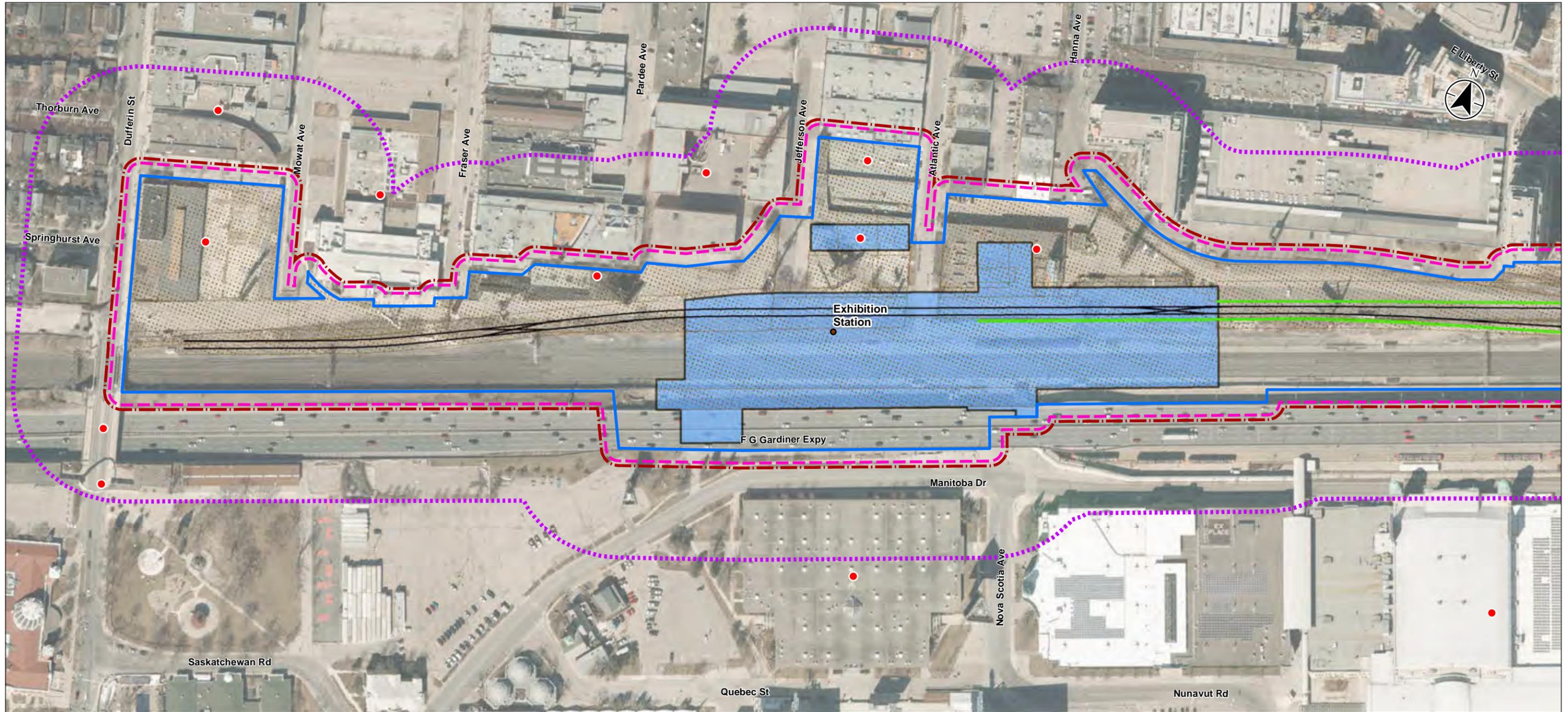
Title

**OMSF Layout**





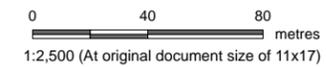
## Appendix H. Construction Vibration Zones of Influence Figures



**Legend**

- Above Grade Project Element Footprint
- Heritage Feature
- Alignment Current**
- Track Alignment Centerline
- Portal
- Station
- Construction Staging and Construction Area
- Construction Vibration Zones of Influence**
- Heritage Buildings and Structures
- Buildings and Structures (Except Heritage)
- Human Perception

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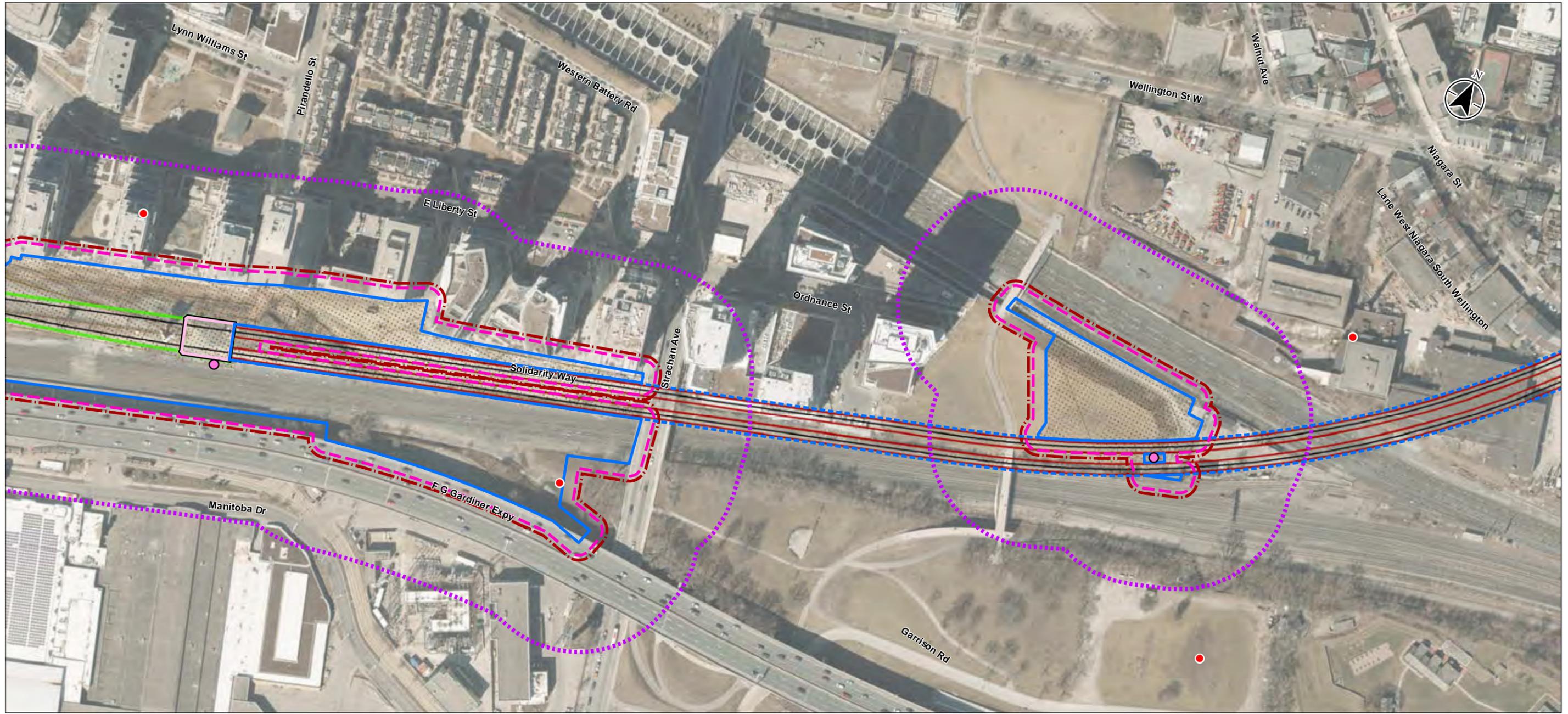
*Client/Project*  
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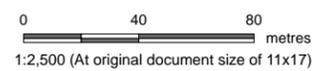
*Figure No.*  
**H-1-1**

*Title*  
**Construction Vibration Zones of Influence - All  
 Construction Activities Except Tunneling**

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- Legend**
- Above Grade Element - Pier, Bridge, Shaft
  - Above Grade Project Element Footprint
  - Below Grade Project Element Footprint
  - Heritage Feature
  - Track Alignment Centerline
  - Tunnels
  - Portal
  - Emergency Egress Building (EEB)
  - Construction Staging and Construction Area
- Construction Vibration Zones of Influence**
- Heritage Buildings and Structures
  - Buildings and Structures (Except Heritage)
  - Human Perception



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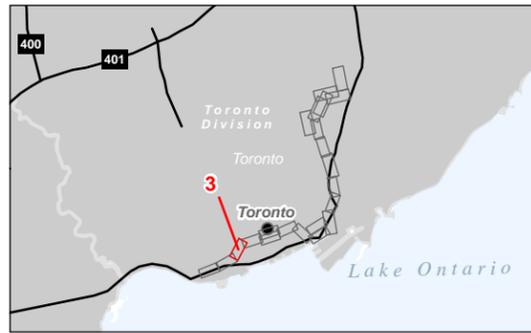
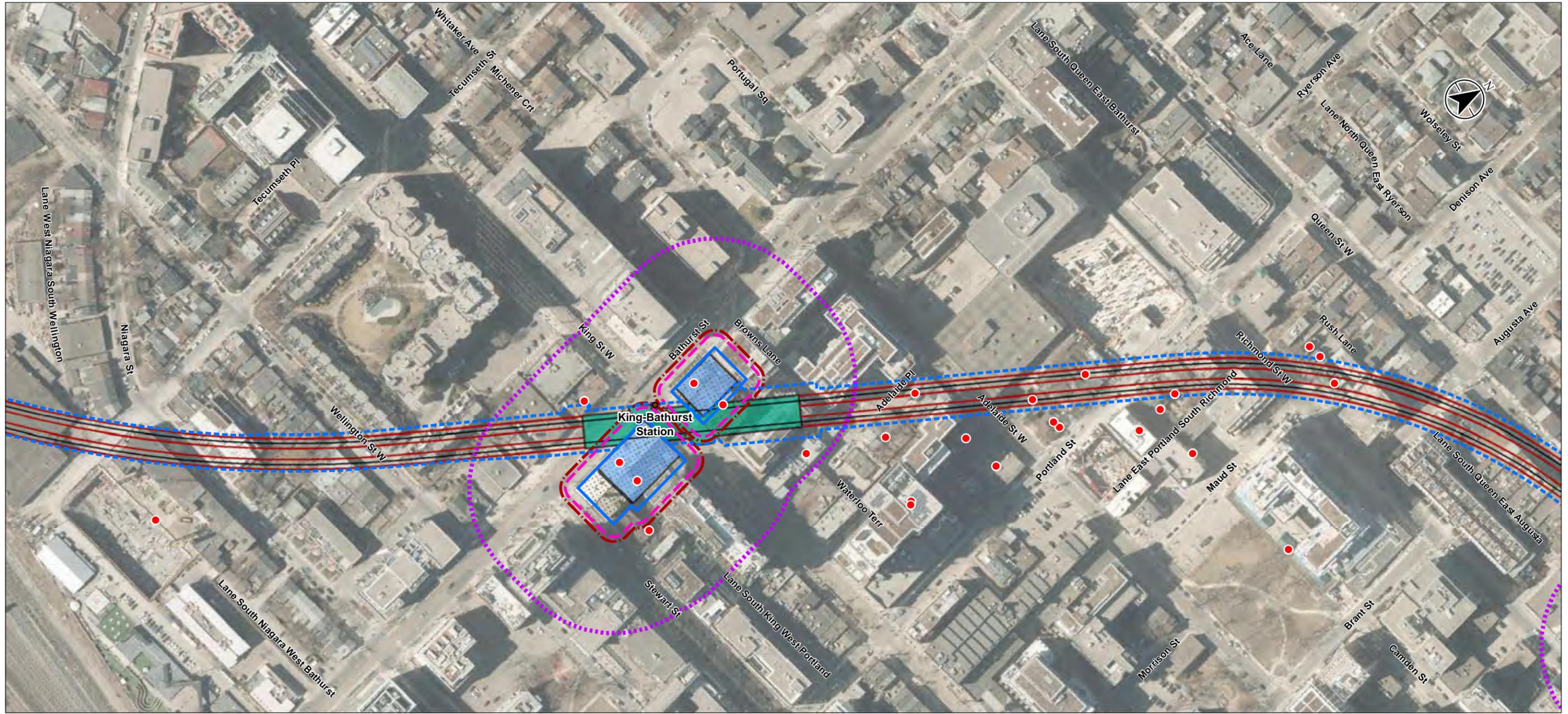
Figure No.: H-1-2  
 Title: Construction Vibration Zones of Influence - All Construction Activities Except Tunneling

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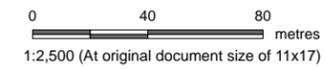
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**Legend**

- Above Grade Project Element Footprint
- Below Grade Project Element Footprint
- Heritage Feature
- Buildings and Structures (Except Heritage)
- Human Perception
- Alignment Current**
- Track Alignment Centerline
- Tunnels
- Station
- Station Platform - Subsurface Level
- Construction Staging and Construction Area
- Construction Vibration Zones of Influence**
- Heritage Buildings and Structures



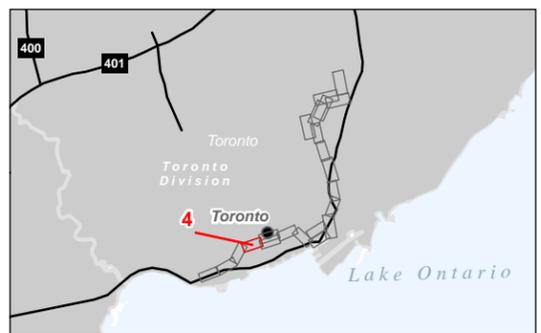
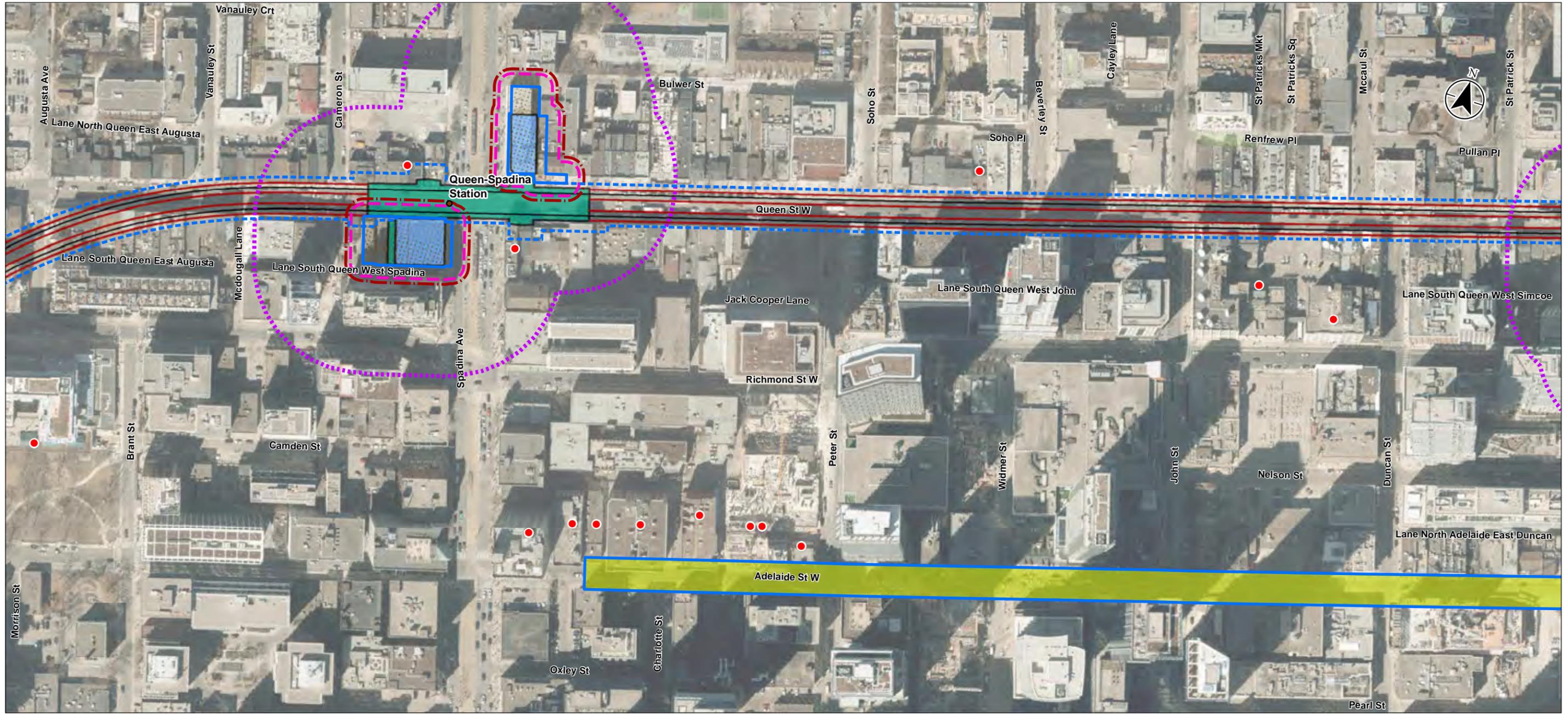
Project Location: Toronto, ON  
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Client/Project: HDR CORPORATION, ONTARIO LINE TA  
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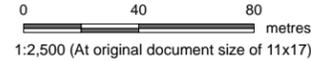
Figure No.: **H-1-3**  
 Title: **Construction Vibration Zones of Influence - All Construction Activities Except Tunneling**

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- Legend**
- Above Grade Project Element Footprint
  - Below Grade Project Element Footprint
  - Heritage Feature
- Alignment Current**
- Track Alignment Centerline
  - Tunnels
  - Station
  - Station Platform - Subsurface Level
  - Streetcar Diversion
  - Construction Staging and Construction Area
- Construction Vibration Zones of Influence**
- Heritage Buildings and Structures
  - Buildings and Structures (Except Heritage)
  - Human Perception



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*Figure No.*  
**H-1-4**

*Title*  
**Construction Vibration Zones of Influence - All Construction Activities Except Tunneling**

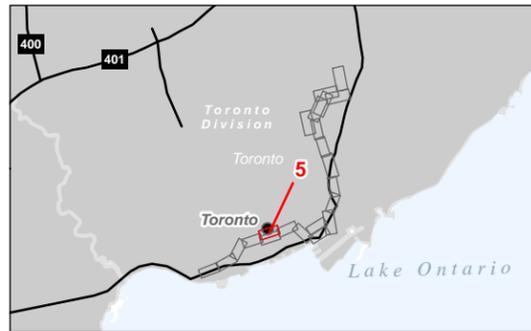
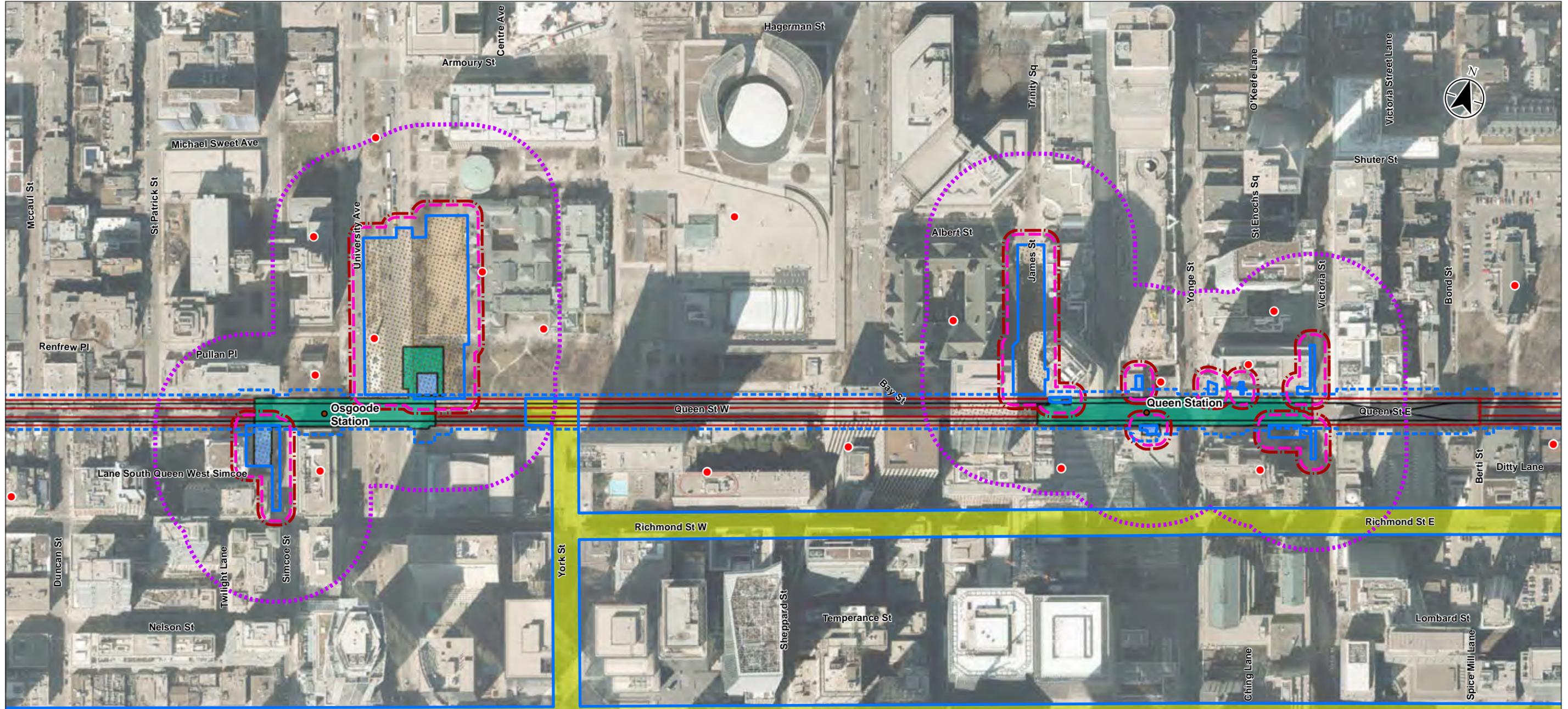
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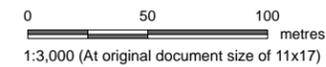


**Legend**

- Above Grade Project Element Footprint
- Below Grade Project Element Footprint
- Heritage Feature
- Alignment Current**
- Track Alignment Centerline
- Tunnels
- Station
- Station Platform - Subsurface Level
- Streetcar Diversion
- Construction Staging and Construction Area

**Construction Vibration Zones of Influence**

- Heritage Buildings and Structures
- Buildings and Structures (Except Heritage)
- Human Perception



*Project Location*  
Toronto, ON

*Prepared by* BCC on 2022-03-10  
TR by ABC on yyyy-mm-dd

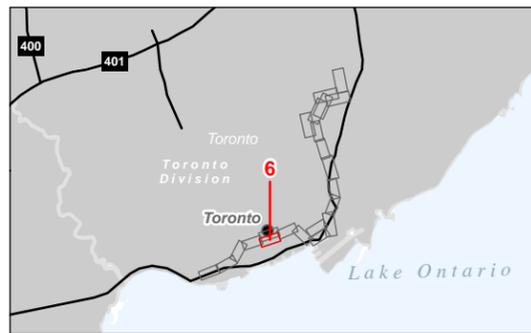
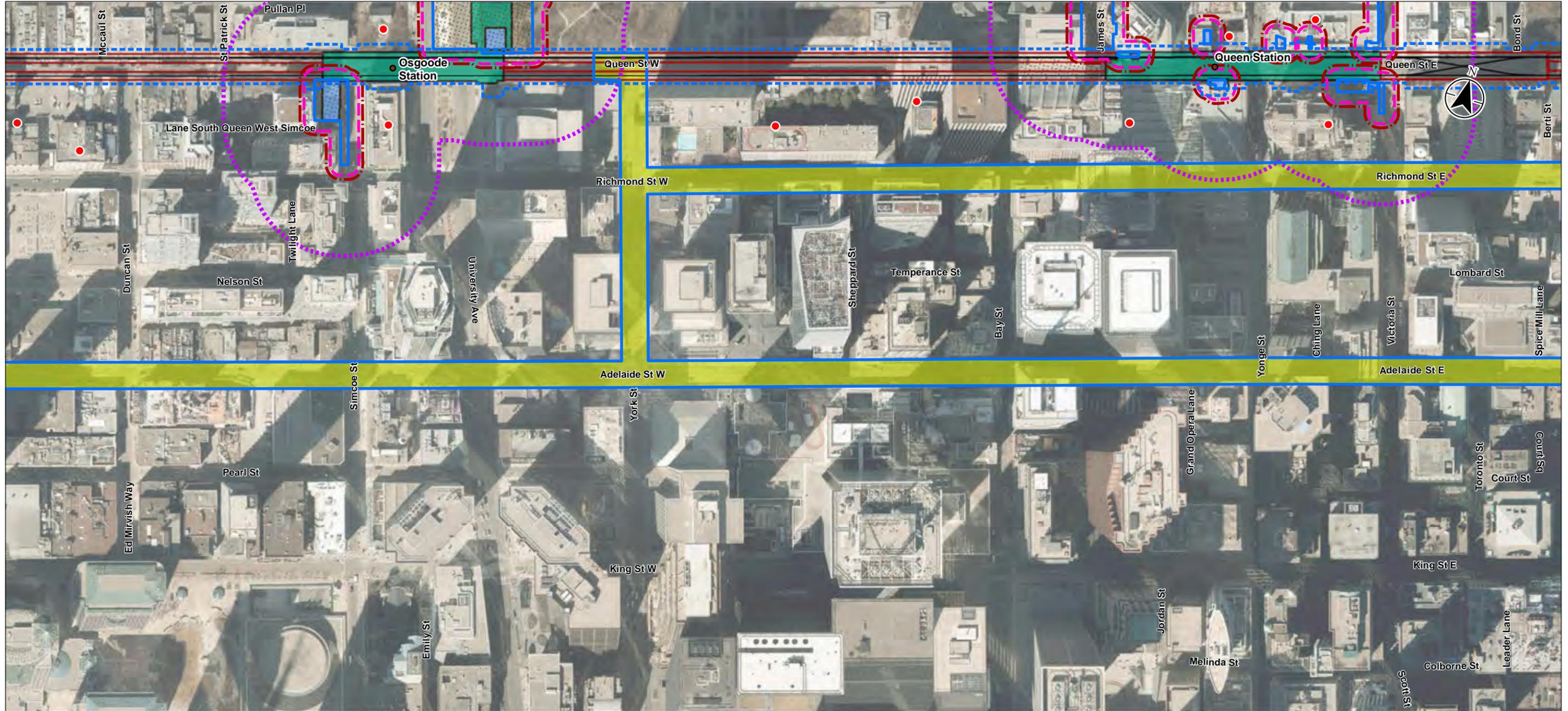
*Client/Project*  
HDR CORPORATION  
ONTARIO LINE TA

160560009 REVA

*Figure No.*  
**H-1-5**

*Title*  
**Construction Vibration Zones of Influence - All Construction Activities Except Tunneling**

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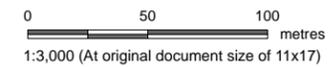
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**Legend**

- Above Grade Project Element Footprint
- Below Grade Project Element Footprint
- Heritage Feature
- Alignment Current**
- Track Alignment Centerline
- Tunnels
- Station
- Station Platform - Subsurface Level
- Streetcar Diversion
- Construction Staging and Construction Area

**Construction Vibration Zones of Influence**

- Heritage Buildings and Structures
- Buildings and Structures (Except Heritage)
- Human Perception



*Project Location*  
Toronto, ON

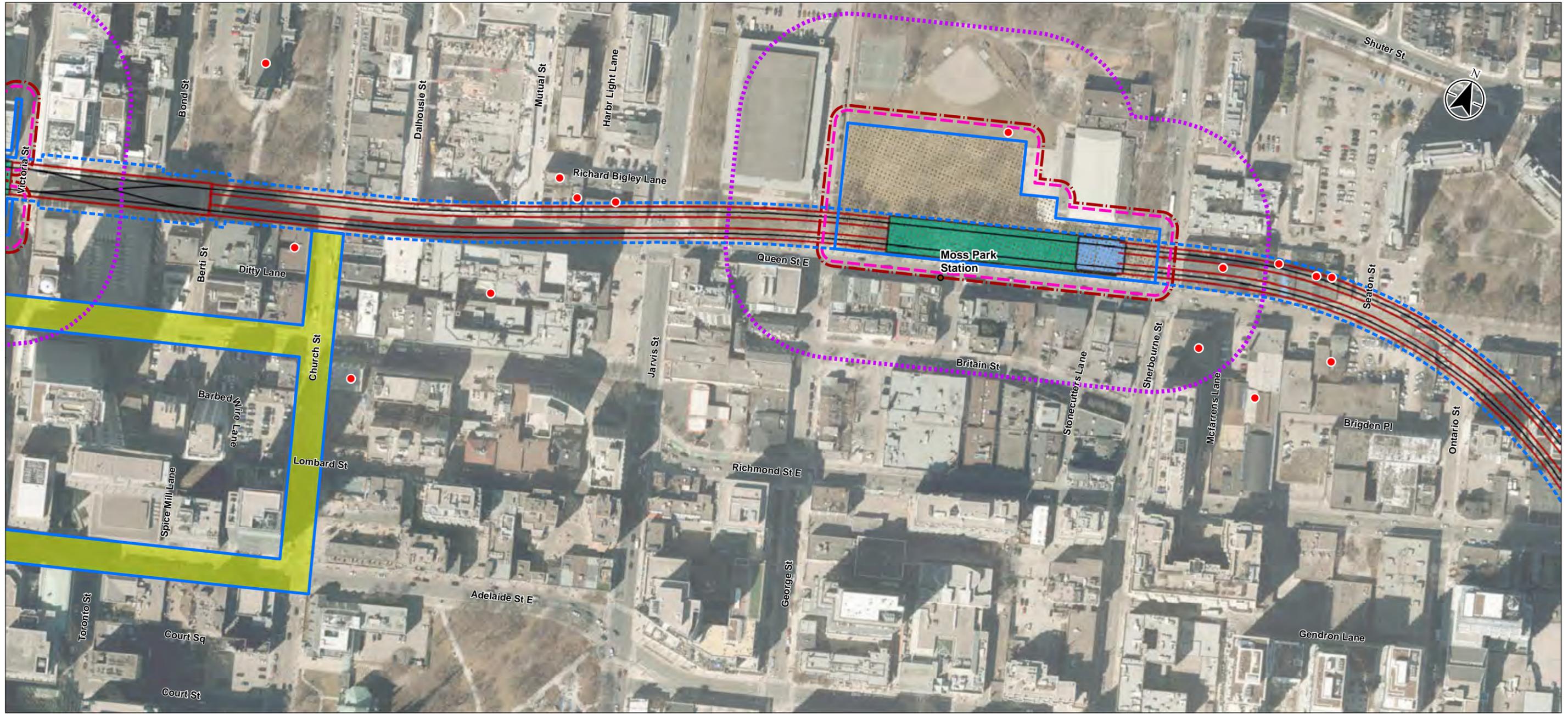
*Prepared by* BCC on 2022-03-10  
TR by ABC on yyyy-mm-dd

*Client/Project*  
HDR CORPORATION  
ONTARIO LINE TA

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*Figure No.*  
**H-1-6**

*Title*  
**Construction Vibration Zones of Influence - All Construction Activities Except Tunneling**



**Legend**

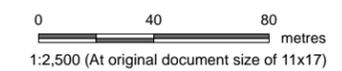
- Above Grade Project Element Footprint
- Below Grade Project Element Footprint
- Heritage Feature

**Alignment Current**

- Track Alignment Centerline
- Tunnels
- Station
- Station Platform - Subsurface Level
- Streetcar Diversion
- Construction Staging and Construction Area

**Construction Vibration Zones of Influence**

- Heritage Buildings and Structures
- Buildings and Structures (Except Heritage)
- Human Perception



Project Location: Toronto, ON  
 Prepared by BCC on 2022-03-10  
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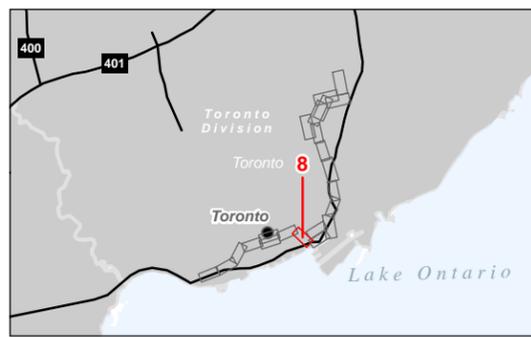
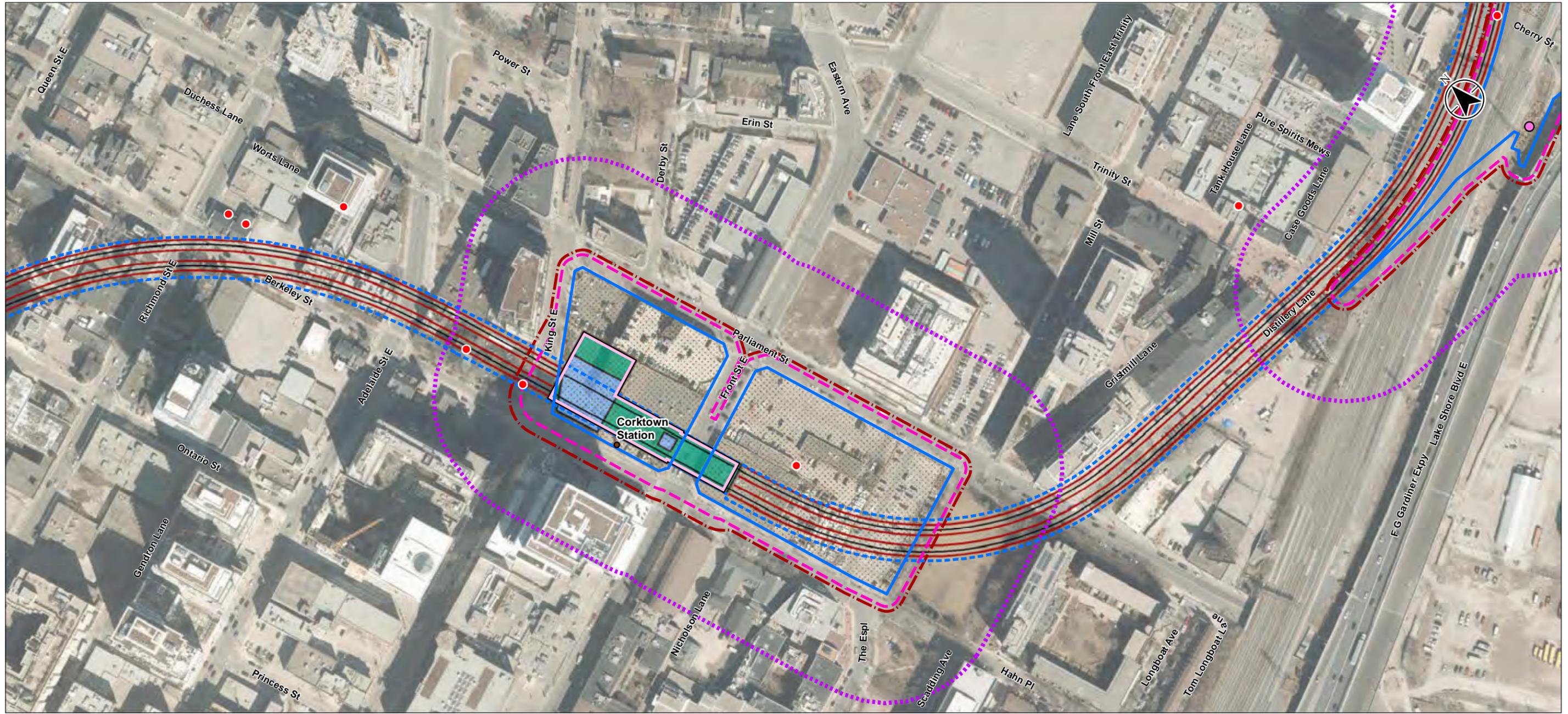
Client/Project: HDR CORPORATION, ONTARIO LINE TA  
 160560009 REVA

Figure No.: H-1-7

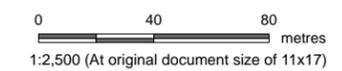
Title: Construction Vibration Zones of Influence - All Construction Activities Except Tunneling

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- Legend**
- Above Grade Element - Pier, Bridge, Shaft
  - Above Grade Project Element Footprint
  - Below Grade Project Element Footprint
  - Heritage Feature
  - Alignment Current**
  - Track Alignment Centerline
  - Tunnels
  - Emergency Egress Building (EEB)
  - Station
  - Station Platform - Subsurface Level
  - RH Final Alignment
  - Construction Staging and Construction Area
  - Construction Vibration Zones of Influence**
  - Heritage Buildings and Structures
  - Buildings and Structures (Except Heritage)
  - Human Perception



Project Location: Toronto, ON  
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Client/Project: HDR CORPORATION, ONTARIO LINE TA  
 160560009 REVA

Figure No.: **H-1-8**

Title: **Construction Vibration Zones of Influence - All Construction Activities Except Tunneling**

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**Legend**

- Above Grade Element - Pier, Bridge, Shaft
- Above Grade Project Element Footprint
- Below Grade Project Element Footprint
- Heritage Feature
- Alignment Current**
- Track Alignment Centerline
- Tunnels
- Portal
- Emergency Egress Building (EEB)
- RH Final Alignment
- Construction Staging and Construction Area

**Construction Vibration Zones of Influence**

- Heritage Buildings and Structures
- Buildings and Structures (Except Heritage)
- Human Perception

0 40 80 metres  
1:2,500 (At original document size of 11x17)



Project Location  
Toronto, ON

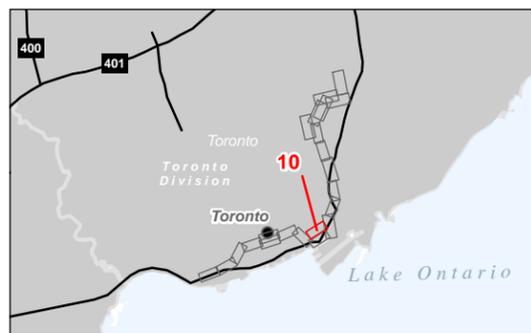
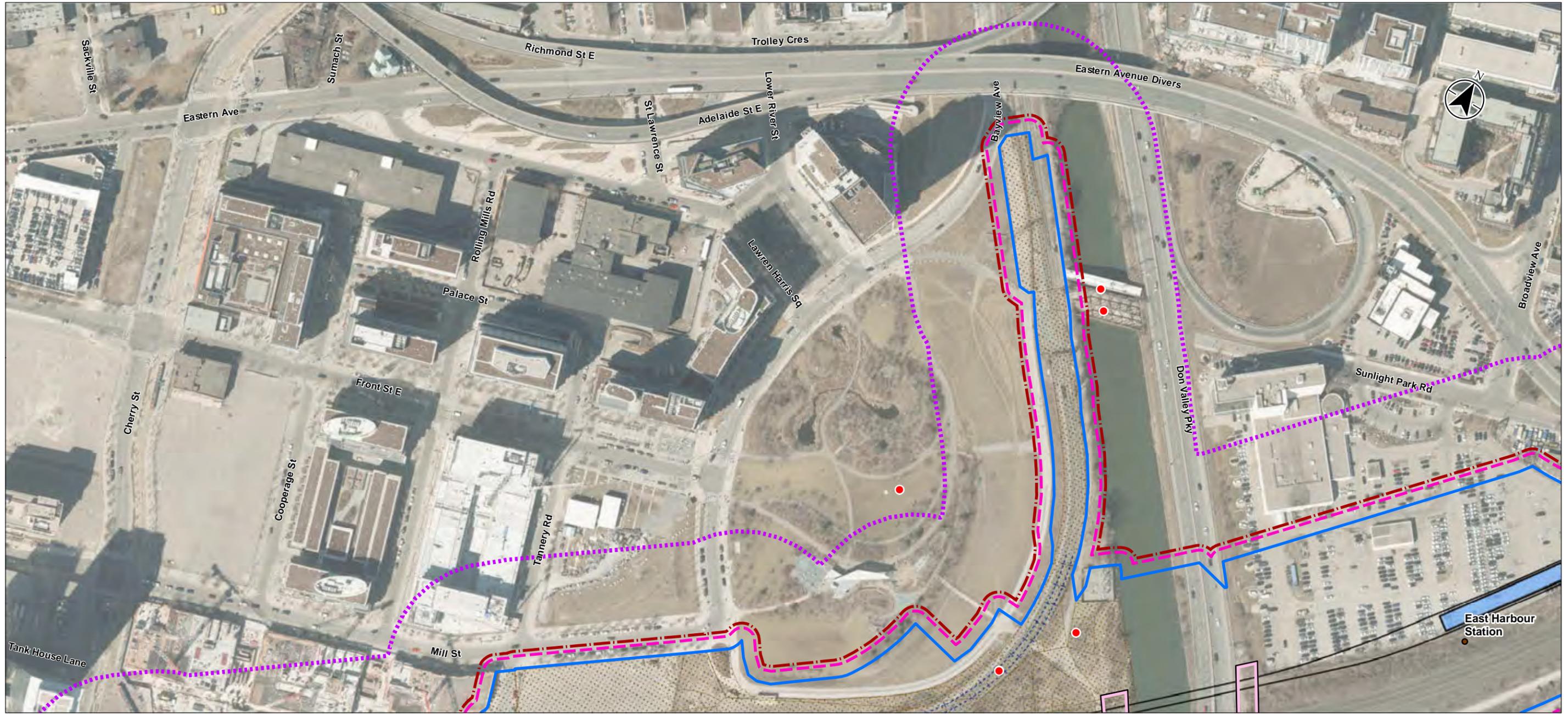
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ONTARIO LINE TA

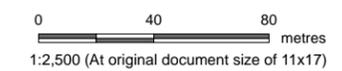
160560009 REVA

Figure No.  
**H-1-9**

Title  
**Construction Vibration Zones of Influence - All  
Construction Activities Except Tunneling**



- Legend**
- Above Grade Element - Pier, Bridge, Shaft
  - Above Grade Project Element Footprint
  - Heritage Feature
  - Buildings and Structures (Except Heritage)
  - Human Perception
- Alignment Current**
- Track Alignment Centerline
  - Portal
  - Station
  - RH Final Alignment
  - Construction Staging and Construction Area
- Construction Vibration Zones of Influence**
- Heritage Buildings and Structures



Project Location  
Toronto, ON

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ONTARIO LINE TA

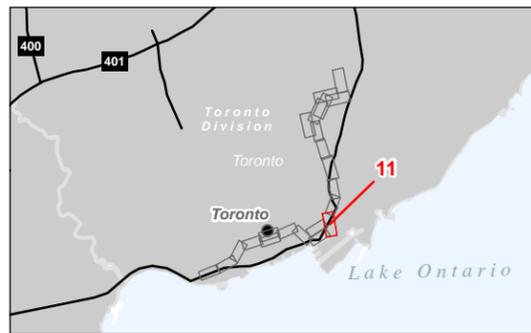
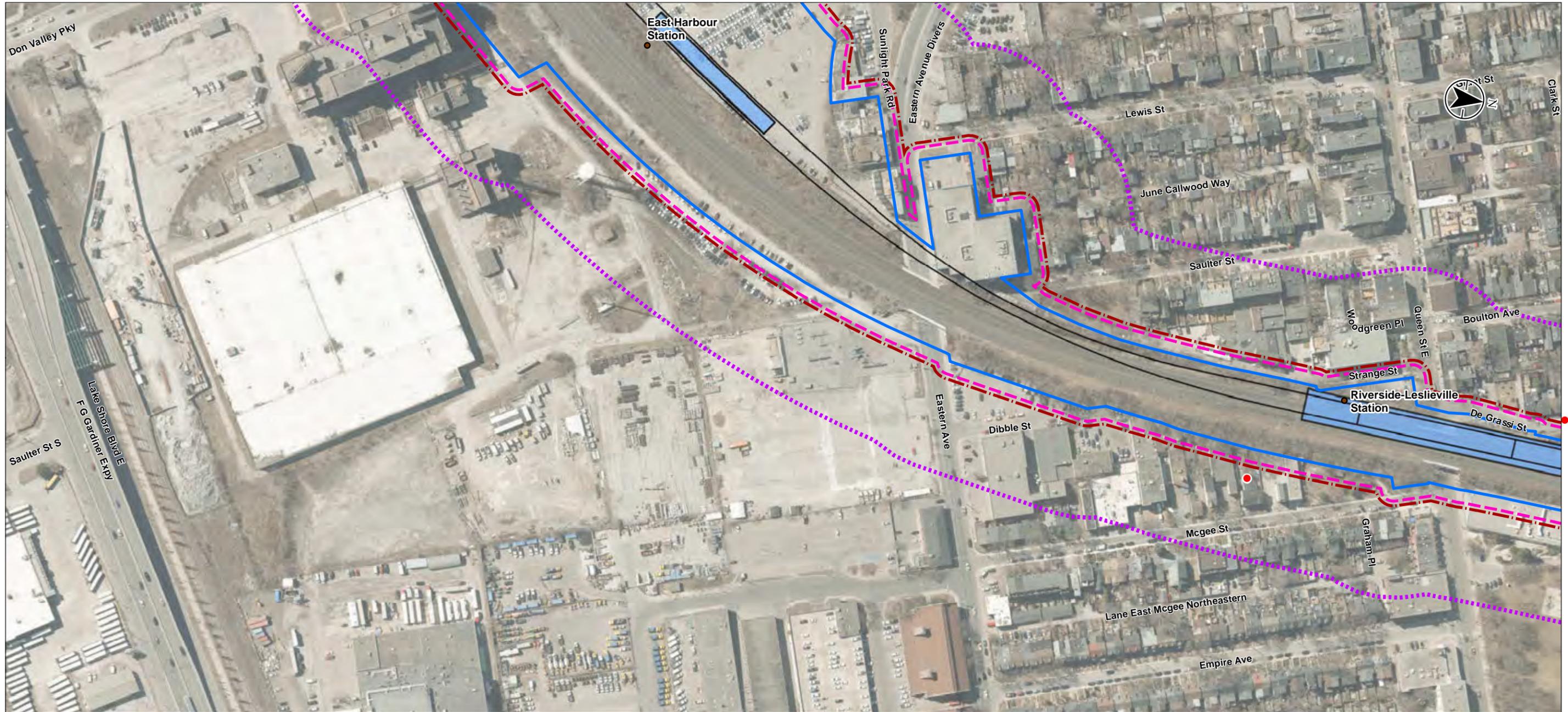
160560009 REVA

Figure No.  
**H-1-10**

Title  
**Construction Vibration Zones of Influence - All Construction Activities Except Tunneling**

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**Legend**

- Above Grade Project Element Footprint
- Heritage Feature
- Alignment Current**
- Track Alignment Centerline
- Station
- Construction Vibration Zones of Influence**
- Heritage Buildings and Structures
- Buildings and Structures (Except Heritage)
- Human Perception

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0 40 80 metres  
 1:2,500 (At original document size of 11x17)



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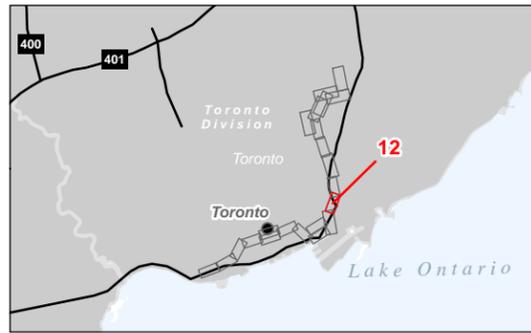
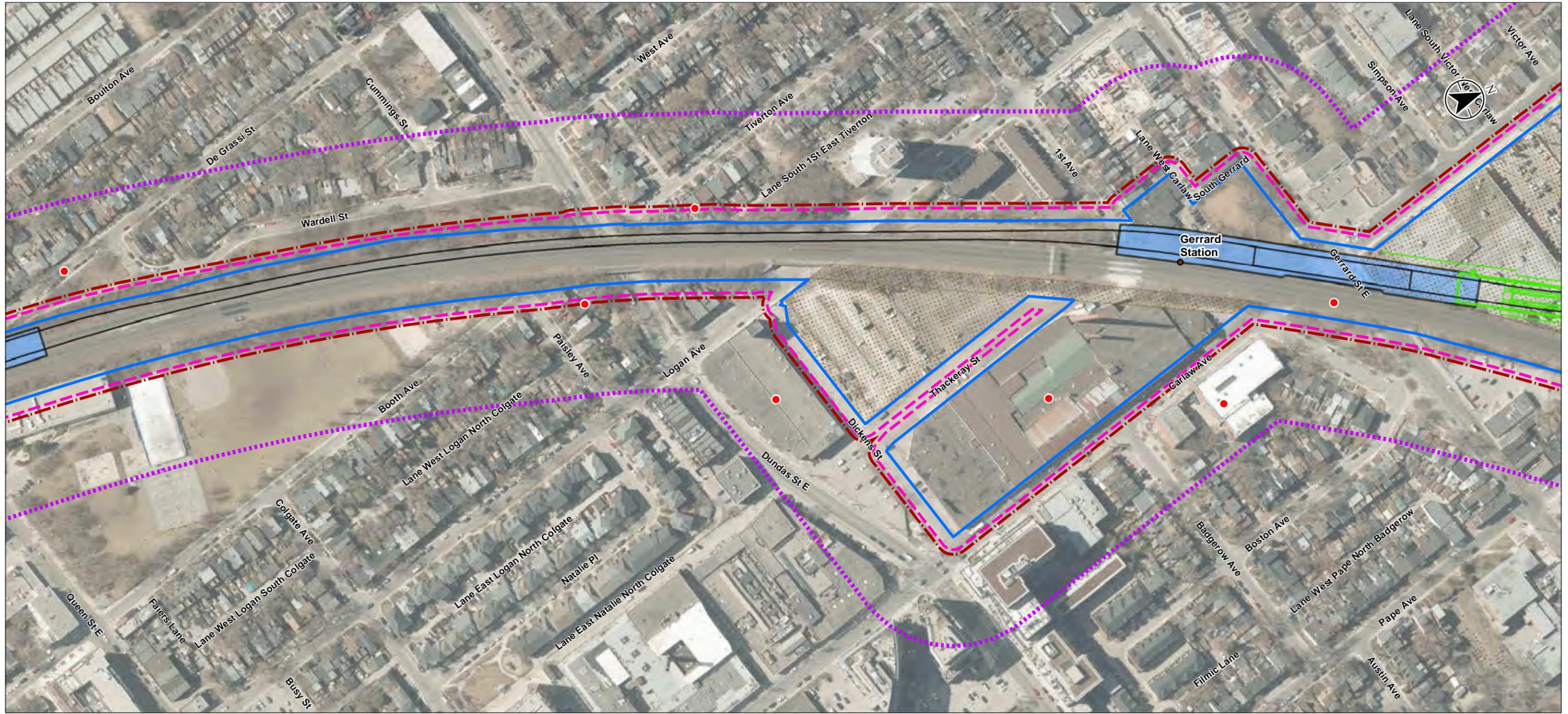
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Figure No.: H-1-11

Title: Construction Vibration Zones of Influence - All Construction Activities Except Tunneling

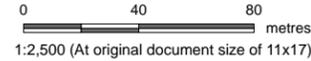
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- Legend**
- Above Grade Project Element Footprint
  - Heritage Feature
  - Alignment Current**
  - Track Alignment Centerline
  - Portal
  - Station
  - Construction Staging and Construction Area
  - Construction Vibration Zones of Influence**
  - Heritage Buildings and Structures
  - Buildings and Structures (Except Heritage)
  - Human Perception



**Project Location**  
 Toronto, ON

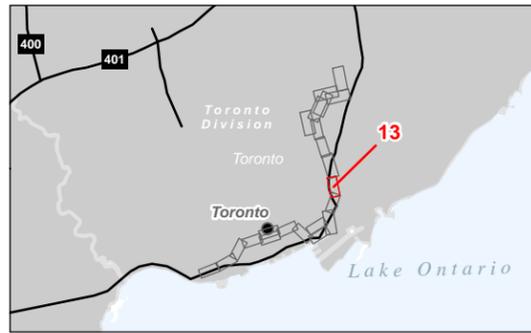
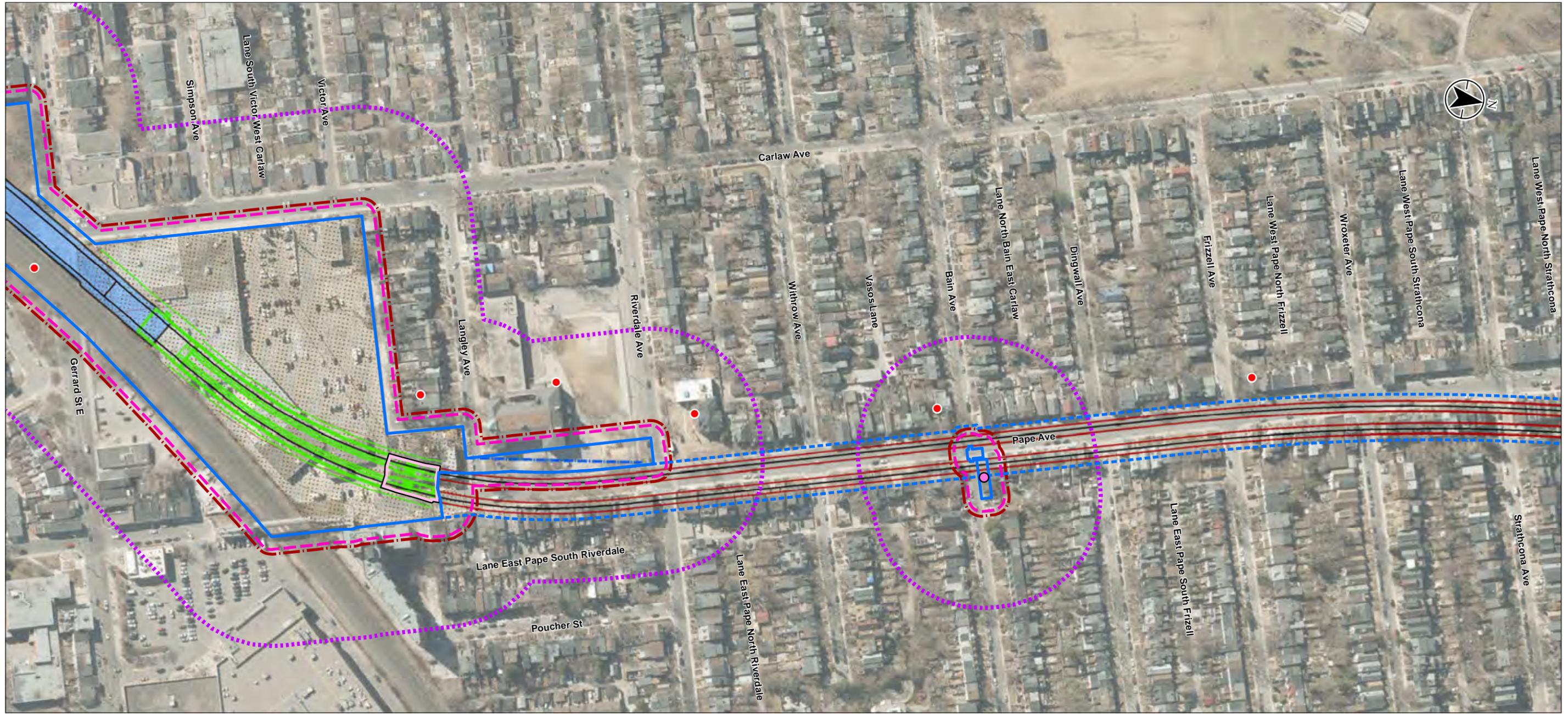
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 HDR CORPORATION  
 ONTARIO LINE TA

160560009 REVA

**Figure No.**  
 H-1-12

**Title**  
 Construction Vibration Zones of Influence - All  
 Construction Activities Except Tunneling



**Legend**

- Above Grade Element - Pier, Bridge, Shaft
- Above Grade Project Element Footprint
- Below Grade Project Element Footprint
- Heritage Feature
- Alignment Current**
- Track Alignment Centerline
- Tunnels
- Portal
- Emergency Egress Building (EEB)
- Station
- Proposed Sewer Relocation
- Construction Staging and Construction Area
- Construction Vibration Zones of Influence**
- Heritage Buildings and Structures
- Buildings and Structures (Except Heritage)
- Human Perception

0 40 80 metres  
1:2,500 (At original document size of 11x17)



Project Location: Toronto, ON  
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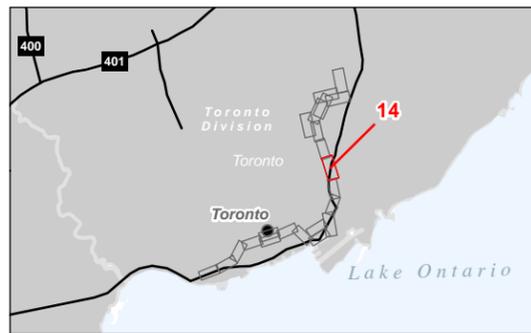
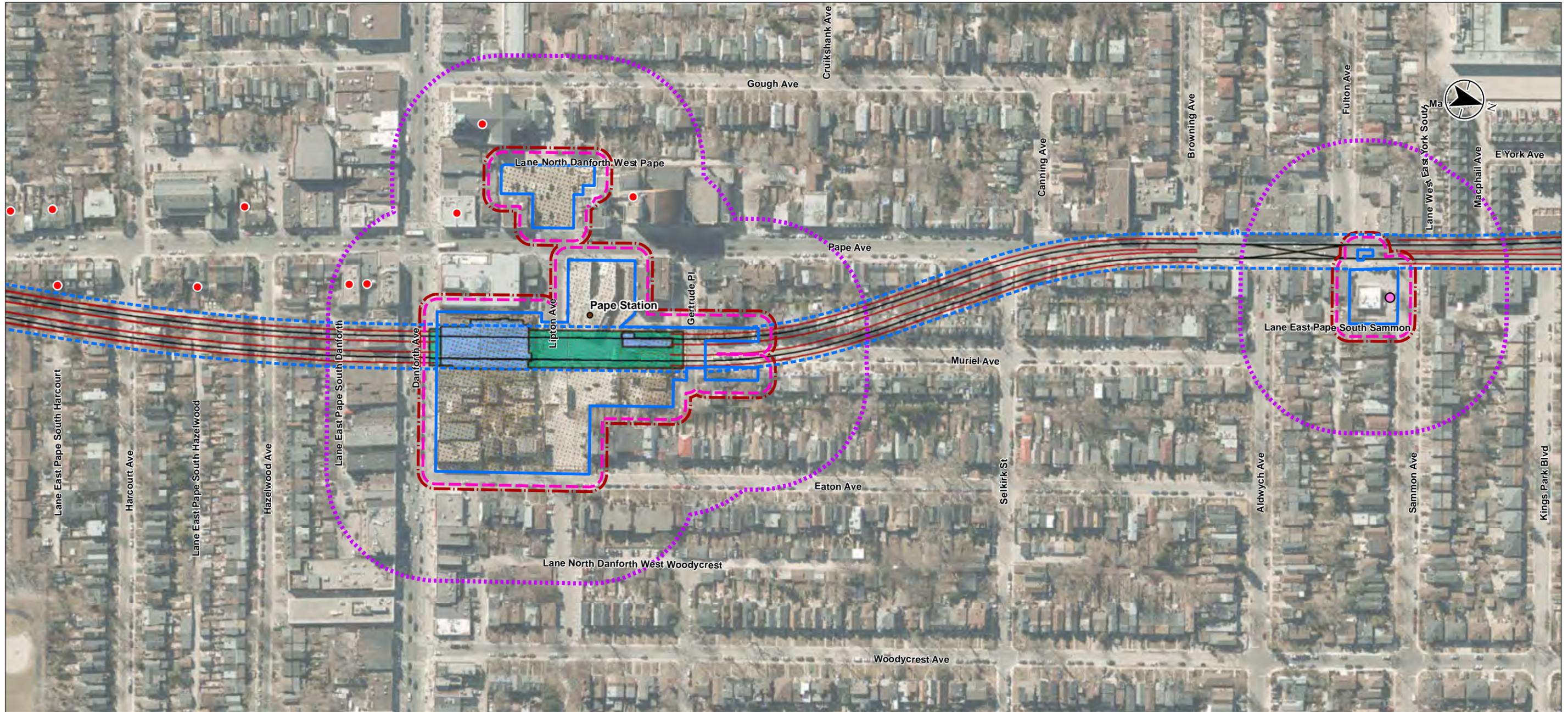
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160560009 REVA

Figure No.  
**H-1-13**

Title  
**Construction Vibration Zones of Influence - All Construction Activities Except Tunneling**

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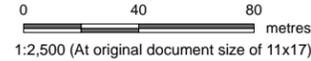
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 3. Orthoimagery © First Base Solutions, 2020. Imagery Date, 2018.

**Legend**

- Above Grade Project Element Footprint
- Below Grade Project Element Footprint
- Heritage Feature
- Track Alignment Centerline
- Tunnels
- Emergency Egress Building (EEB)
- Station
- Station Platform - Subsurface Level
- Construction Staging and Construction Area

**Construction Vibration Zones of Influence**

- Heritage Buildings and Structures
- Buildings and Structures (Except Heritage)
- Human Perception



*Project Location*  
Toronto, ON

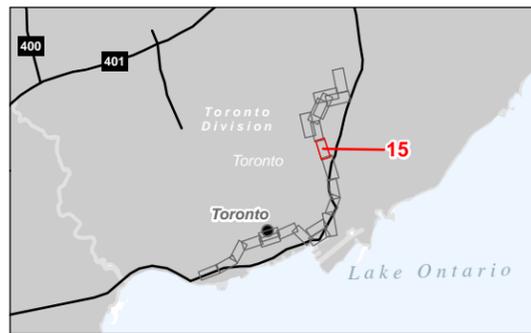
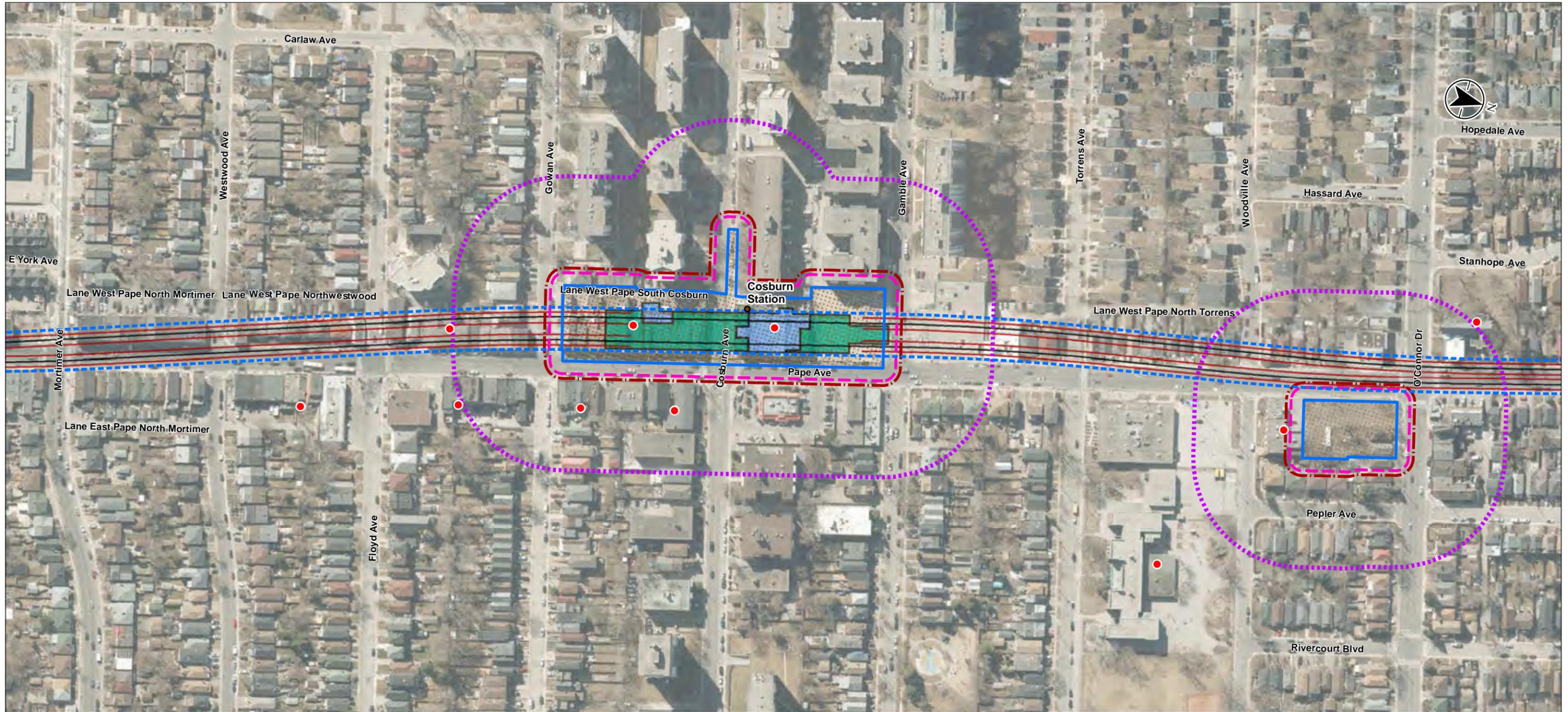
*Prepared by* BCC on 2022-03-10  
TR by ABC on yyyy-mm-dd

*Client/Project*  
HDR CORPORATION  
ONTARIO LINE TA

160560009 REVA

*Figure No.*  
**H-1-14**

*Title*  
**Construction Vibration Zones of Influence - All Construction Activities Except Tunneling**



- Legend**
- Above Grade Project Element Footprint
  - Below Grade Project Element Footprint
  - Heritage Feature
  - Buildings and Structures (Except Heritage)
  - Human Perception
- Alignment Current**
- Track Alignment Centerline
  - Tunnels
  - Station
  - Station Platform - Subsurface Level
  - Construction Staging and Construction Area
- Construction Vibration Zones of Influence**
- Heritage Buildings and Structures

0 40 80 metres  
1:2,500 (At original document size of 11x17)



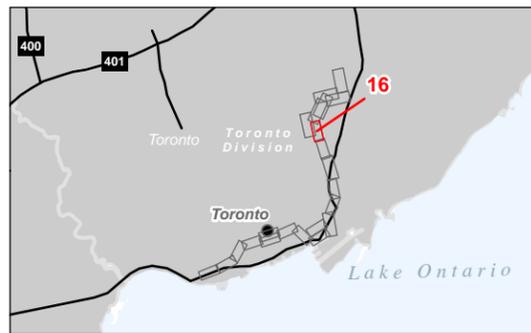
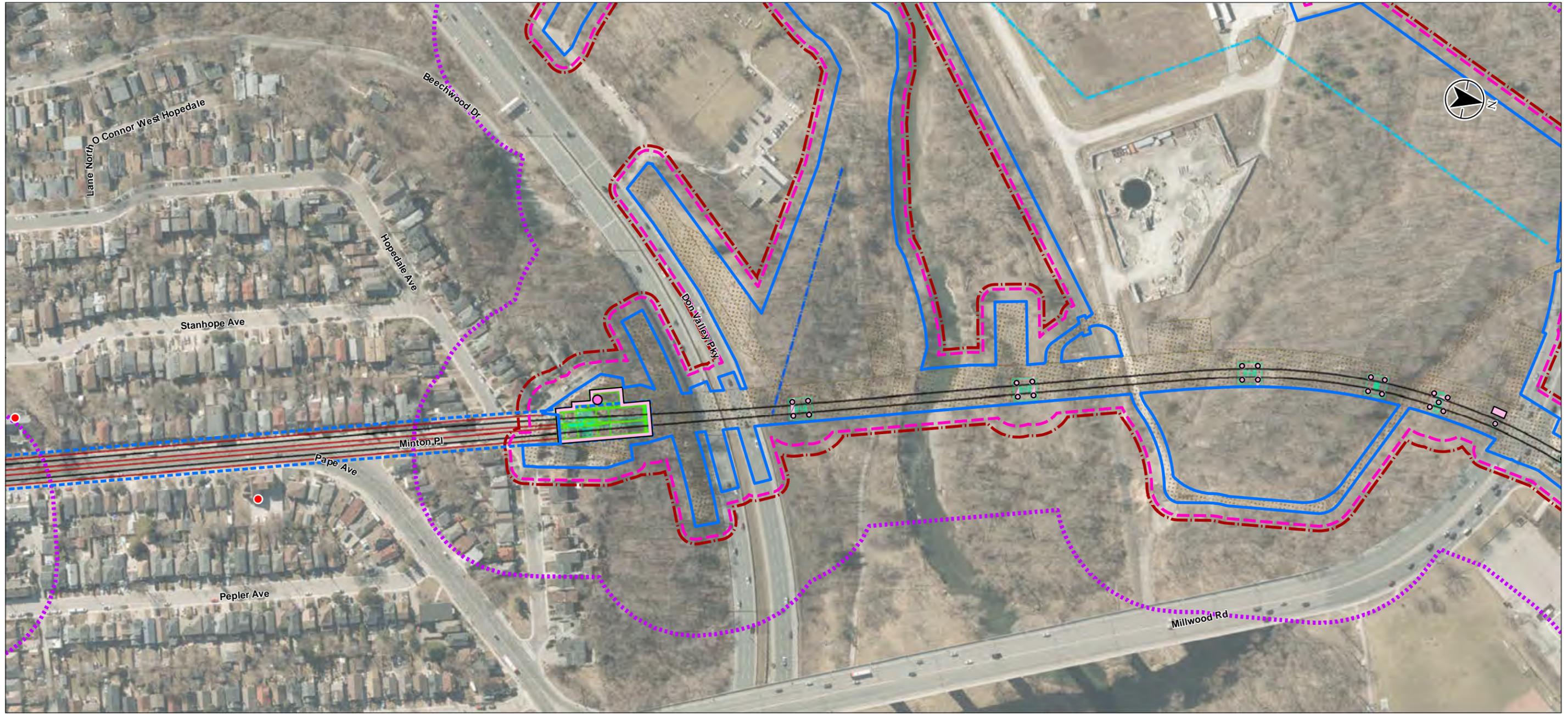
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160560009 REVA

Figure No.: **H-1-15**  
Title: **Construction Vibration Zones of Influence - All Construction Activities Except Tunneling**

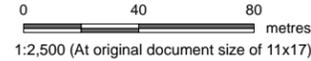
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- Legend**
- Above Grade Element - Pier, Bridge, Shaft
  - Above Grade Project Element Footprint
  - Below Grade Project Element Footprint
  - Heritage Feature
  - Track Alignment Centerline
  - Tunnels
  - Portal
  - Proposed HONI Realignment
  - Emergency Egress Building (EEB)
  - Proposed Sewer Bypass
  - Construction Staging and Construction Area
  - Heritage Buildings and Structures
  - Buildings and Structures (Except Heritage)
  - Human Perception



**Project Location**  
Toronto, ON

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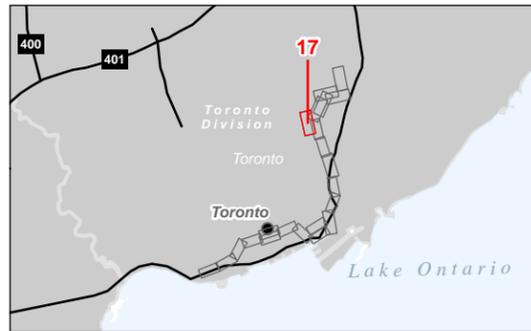
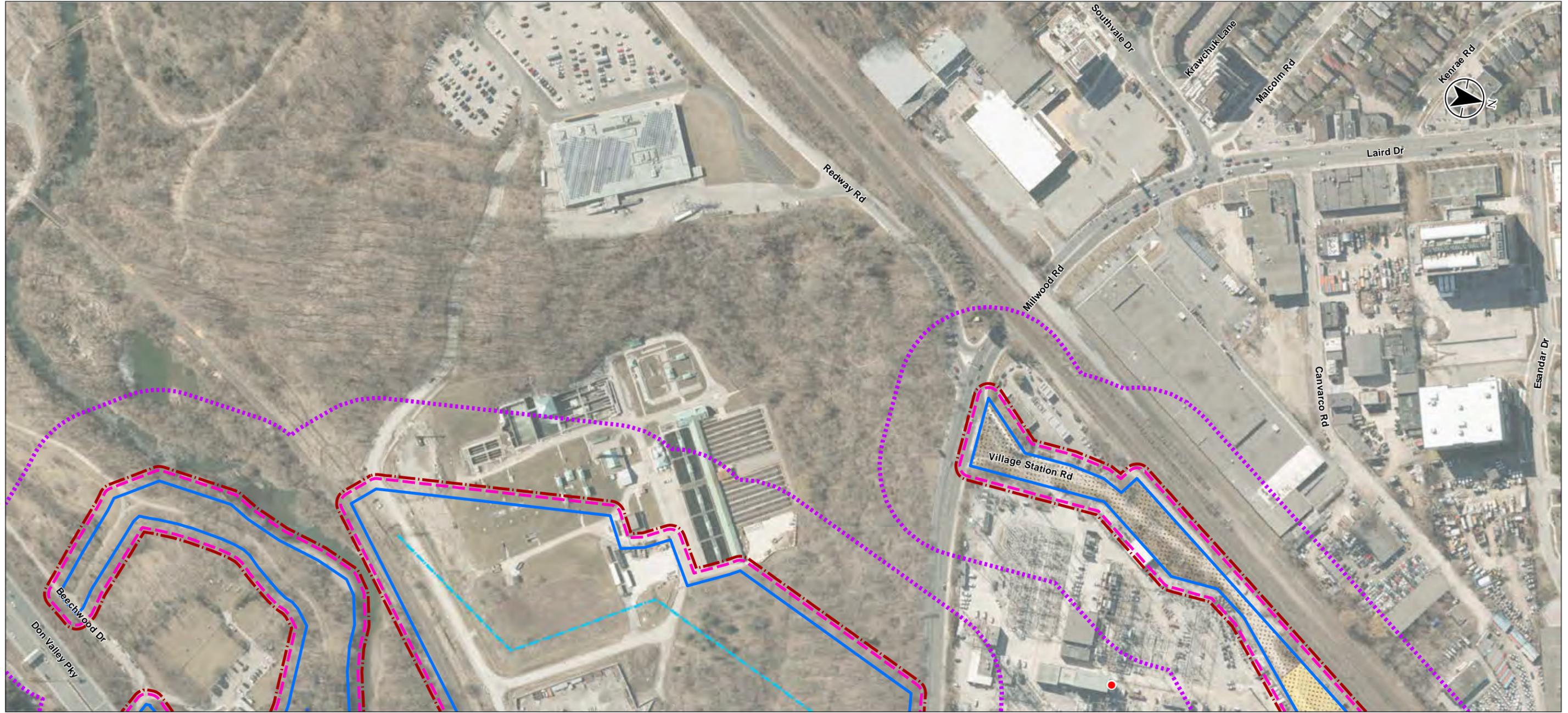
**Client/Project**  
HDR CORPORATION  
ONTARIO LINE TA

160560009 REVA

**Figure No.**  
**H-1-16**

**Title**  
**Construction Vibration Zones of Influence - All Construction Activities Except Tunneling**

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**Legend**

-  Above Grade Project Element Footprint
-  Heritage Feature
-  Proposed HONI Realignment
-  Operations, Maintenance and Storage Facility
-  Proposed Sewer Bypass
-  Construction Staging and Construction Area
- Construction Vibration Zones of Influence**
-  Heritage Buildings and Structures
-  Buildings and Structures (Except Heritage)
-  Human Perception

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0 50 100 metres  
1:3,000 (At original document size of 11x17)



Project Location  
Toronto, ON

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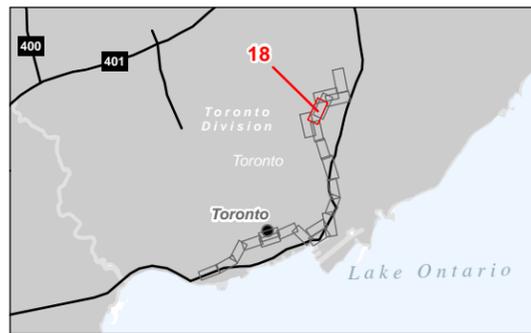
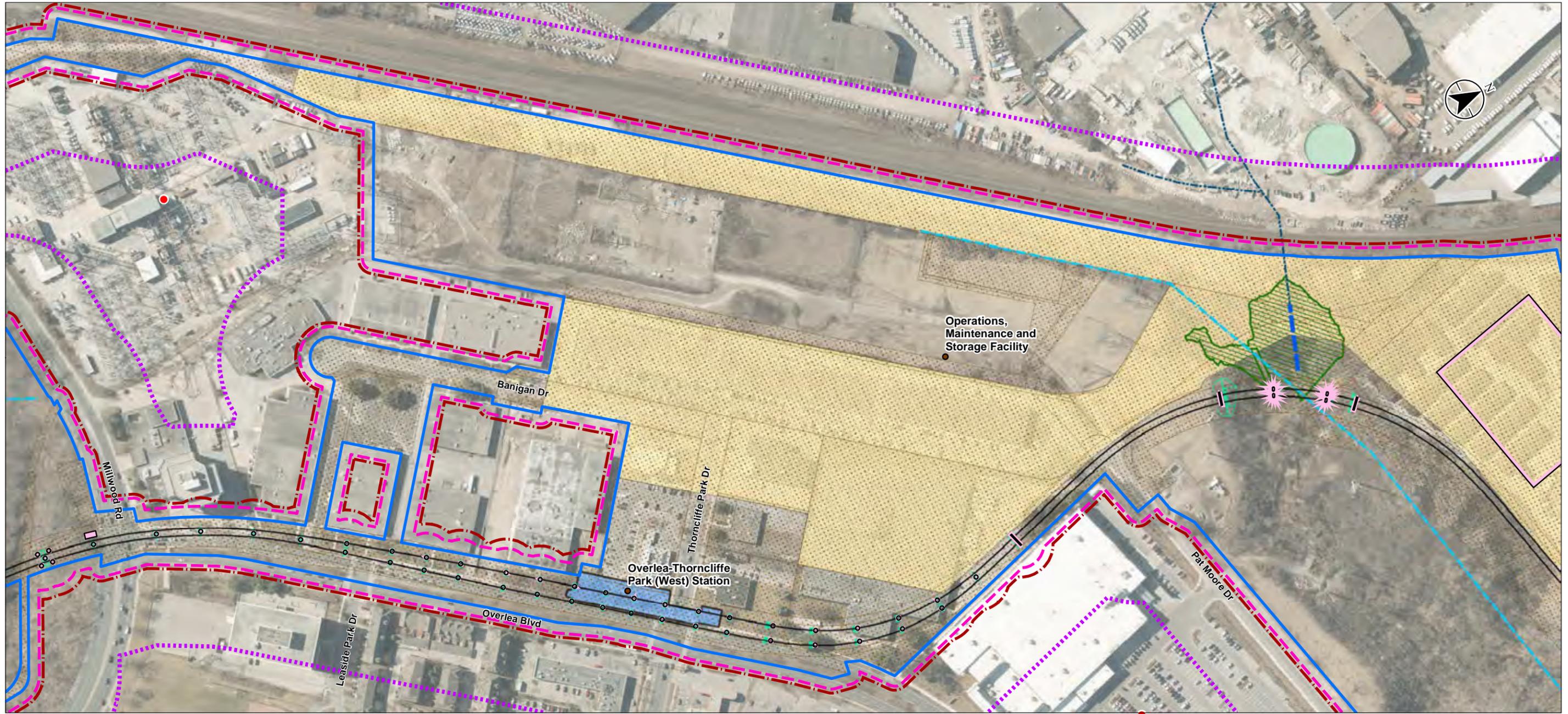
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ONTARIO LINE TA

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Figure No.  
**H-1-17**

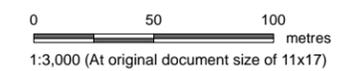
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**Construction Vibration Zones of Influence - All  
Construction Activities Except Tunneling**

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- Legend**
- Above Grade Element - Pier, Bridge, Shaft
  - Above Grade Project Element Footprint
  - Heritage Feature
  - Track Alignment Centerline
  - Elevated Guideway
  - Proposed HONI Realignment
  - Station
  - Operations, Maintenance and Storage Facility
  - Existing Storm Sewer
  - Storm Sewer Extension
  - OMSF Bridge Fill Area
  - Construction Staging and Construction Area
  - Construction Vibration Zones of Influence**
  - Heritage Buildings and Structures
  - Buildings and Structures (Except Heritage)
  - Human Perception



*Project Location*  
 Toronto, ON

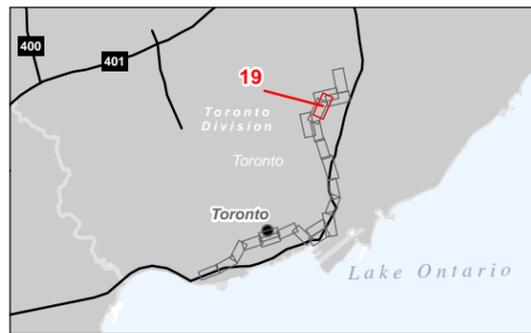
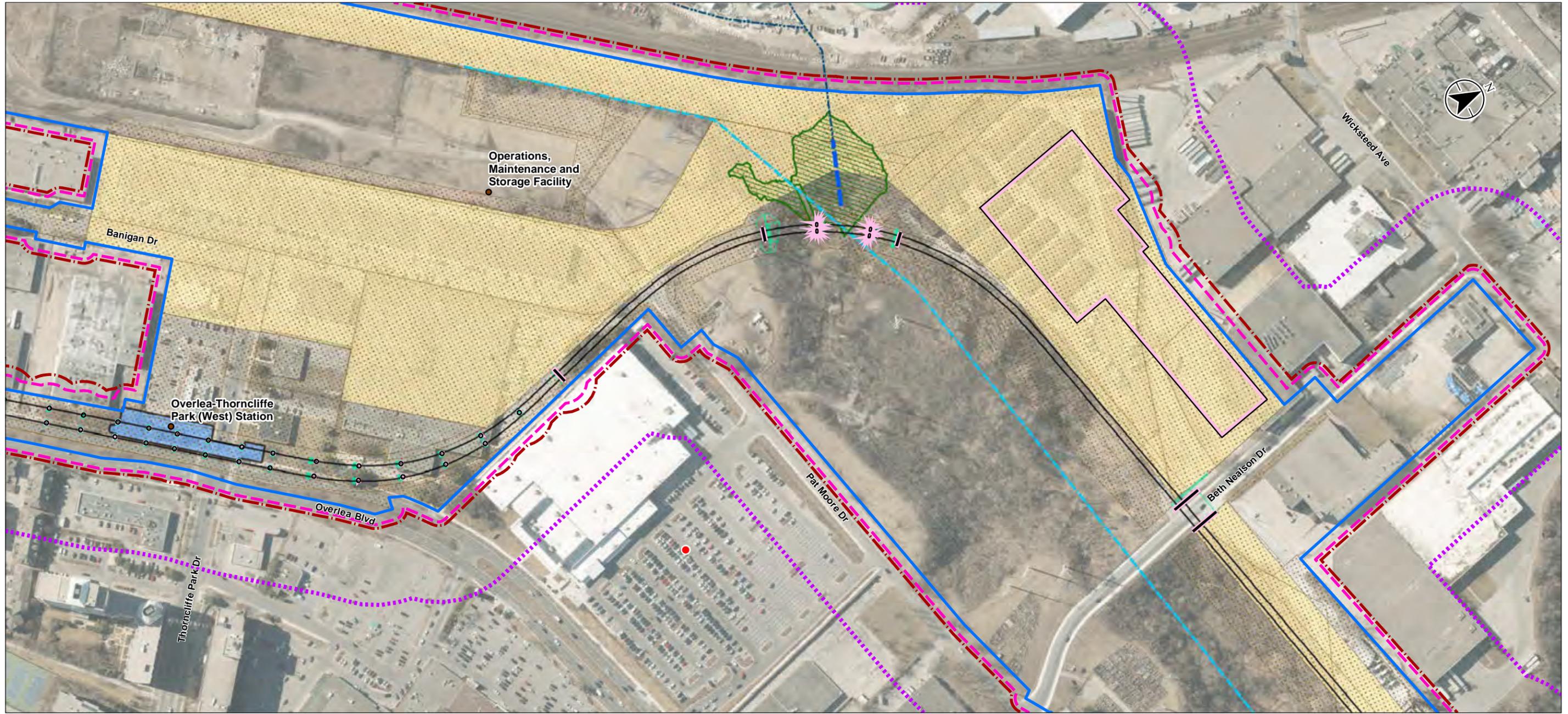
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160560009 REVA

*Figure No.*  
**H-1-18**

*Title*  
**Construction Vibration Zones of Influence - All Construction Activities Except Tunneling**



**Legend**

- Above Grade Element - Pier, Bridge, Shaft
- Above Grade Project Element Footprint
- Heritage Feature
- OMSF Bridge Fill Area
- Construction Staging and Construction Area
- Alignment Current**
- Track Alignment Centerline
- Elevated Guideway
- Proposed HONI Realignment
- Station
- Operations, Maintenance and Storage Facility
- Existing Storm Sewer
- Storm Sewer Extension
- Construction Vibration Zones of Influence**
- Heritage Buildings and Structures
- Buildings and Structures (Except Heritage)
- Human Perception

0 50 100 metres  
1:3,000 (At original document size of 11x17)



Project Location  
Toronto, ON

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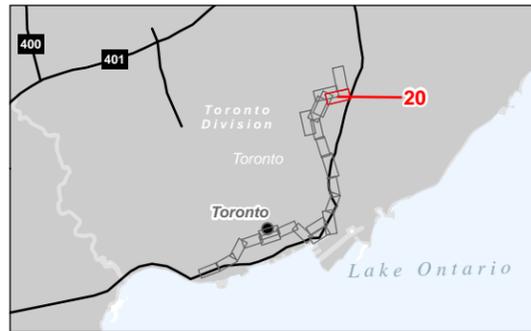
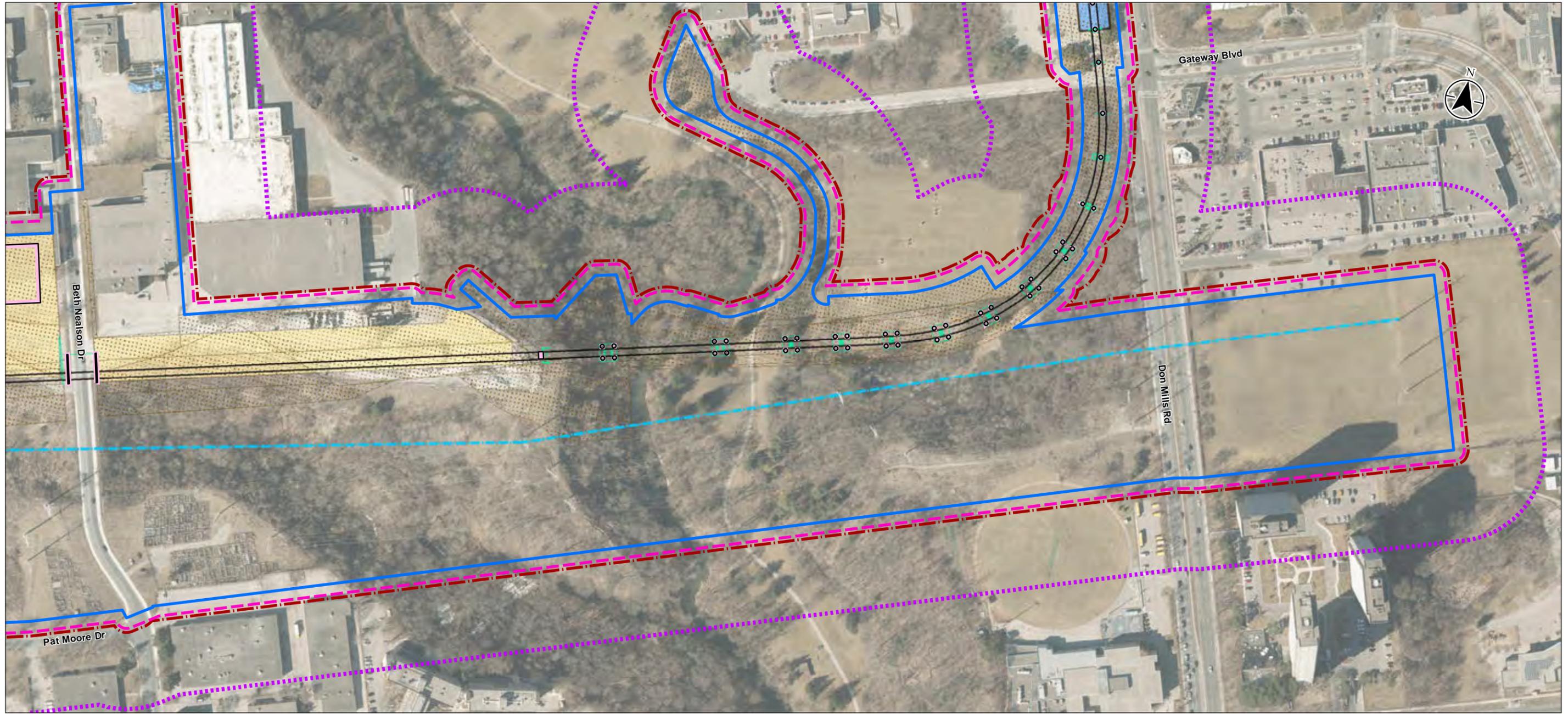
Figure No.  
**H-1-19**

Title  
**Construction Vibration Zones of Influence - All Construction Activities Except Tunneling**

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**Legend**

- Above Grade Element - Pier, Bridge, Shaft
- Above Grade Project Element Footprint
- Heritage Feature
- Alignment Current**
- Track Alignment Centerline
- Elevated Guideway
- Proposed HONI Realignment
- Station
- Operations, Maintenance and Storage Facility
- Construction Staging and Construction Area

**Construction Vibration Zones of Influence**

- Heritage Buildings and Structures
- Buildings and Structures (Except Heritage)
- Human Perception

0 50 100 metres  
1:3,000 (At original document size of 11x17)



Project Location  
Toronto, ON

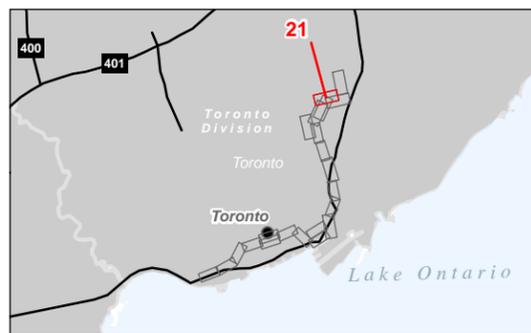
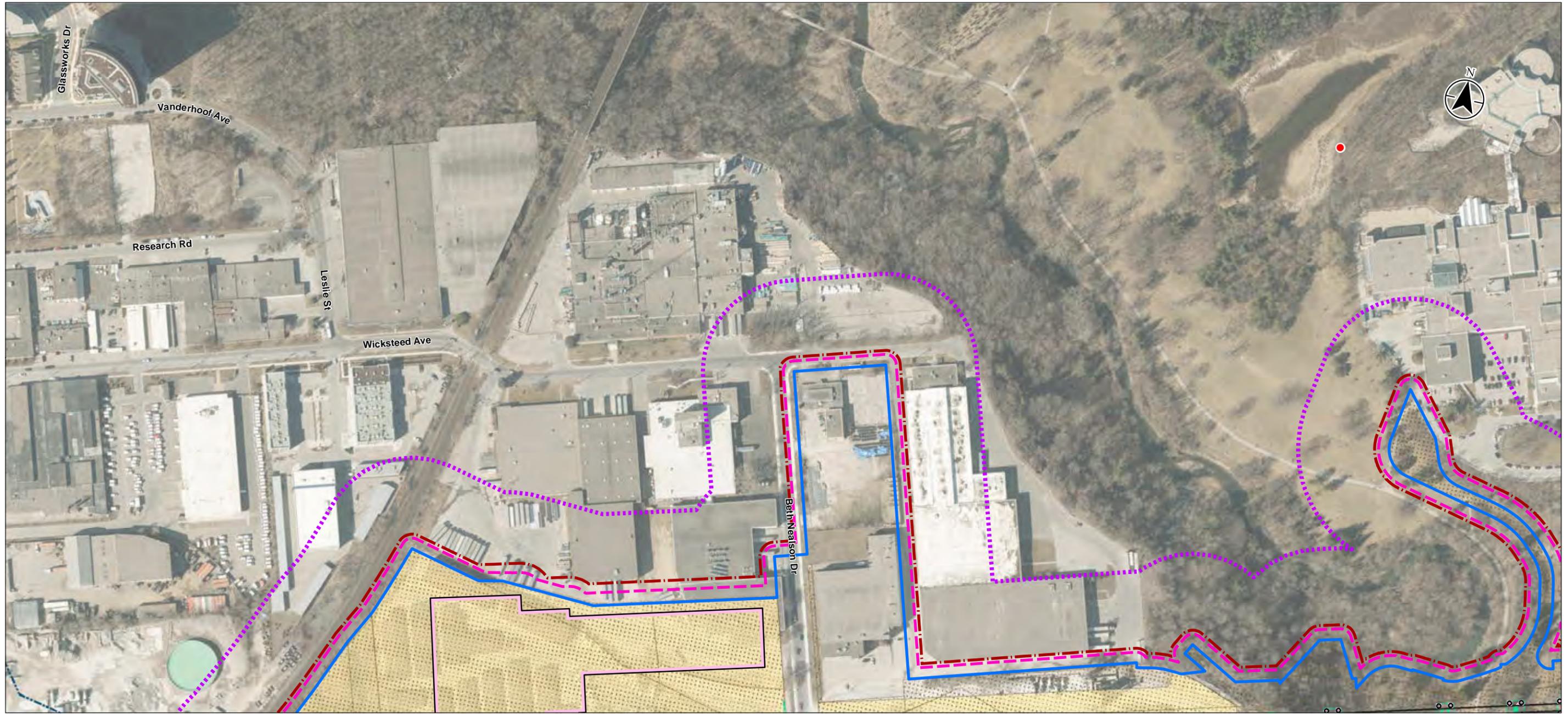
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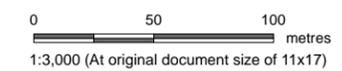
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Figure No.  
**H-1-20**

Title  
**Construction Vibration Zones of Influence - All  
Construction Activities Except Tunneling**



- Legend**
- Above Grade Element - Pier, Bridge, Shaft
  - Above Grade Project Element Footprint
  - Heritage Feature
  - Heritage Buildings and Structures
  - Buildings and Structures (Except Heritage)
  - Human Perception
- Alignment Current**
- Track Alignment Centerline
  - Elevated Guideway
  - Operations, Maintenance and Storage Facility
  - Existing Storm Sewer
  - Construction Staging and Construction Area
- Construction Vibration Zones of Influence**
- Heritage Buildings and Structures



*Project Location*  
Toronto, ON

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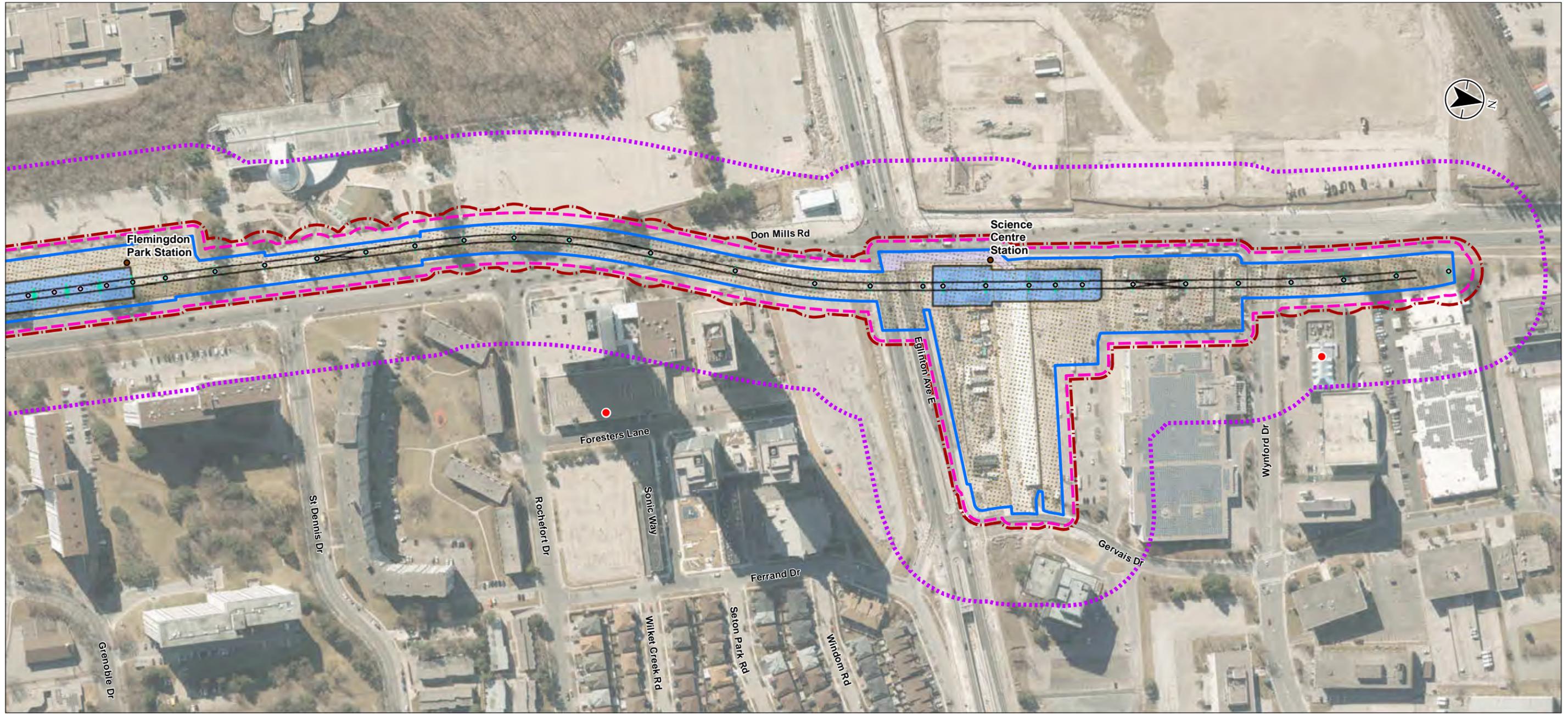
160560009 REVA

*Figure No.*  
**H-1-21**

*Title*  
**Construction Vibration Zones of Influence - All Construction Activities Except Tunneling**

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**Legend**

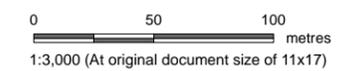
- Above Grade Project Element Footprint
- Above Grade Element - Pier, Bridge, Shaft
- Heritage Feature
- Buildings and Structures (Except Heritage)
- Human Perception

**Alignment Current**

- Track Alignment Centerline
- Elevated Guideway
- Station
- Pedestrian Tunnel
- Construction Staging and Construction Area

**Construction Vibration Zones of Influence**

- Heritage Buildings and Structures



**Project Location**  
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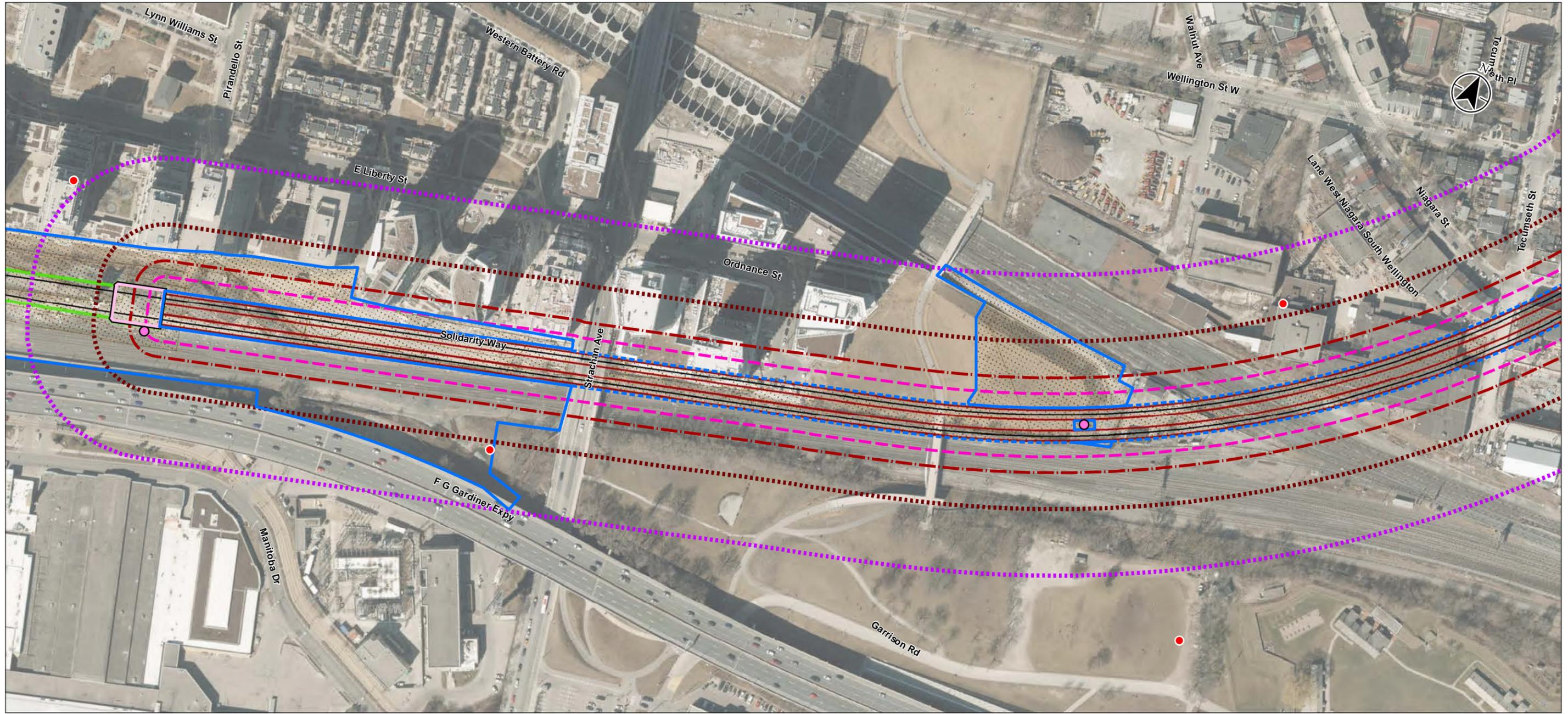
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**Figure No.**  
**H-1-22**

**Title**  
**Construction Vibration Zones of Influence - All Construction Activities Except Tunneling**

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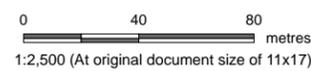


**Legend**

- Above Grade Element - Pier, Bridge, Shaft
- Above Grade Project Element Footprint
- Below Grade Project Element Footprint
- Heritage Feature
- Alignment Current**
- Track Alignment Centerline
- Tunnels
- Portal
- Emergency Egress Building (EEB)
- Construction Staging and Construction Area

**Construction Vibration Zones of Influence**

- Buildings and Structures (Except Heritage)
- Heritage Buildings and Structures
- Ground-borne Noise
- Human Perception (GBV)



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Figure No.  
**H-2-1**

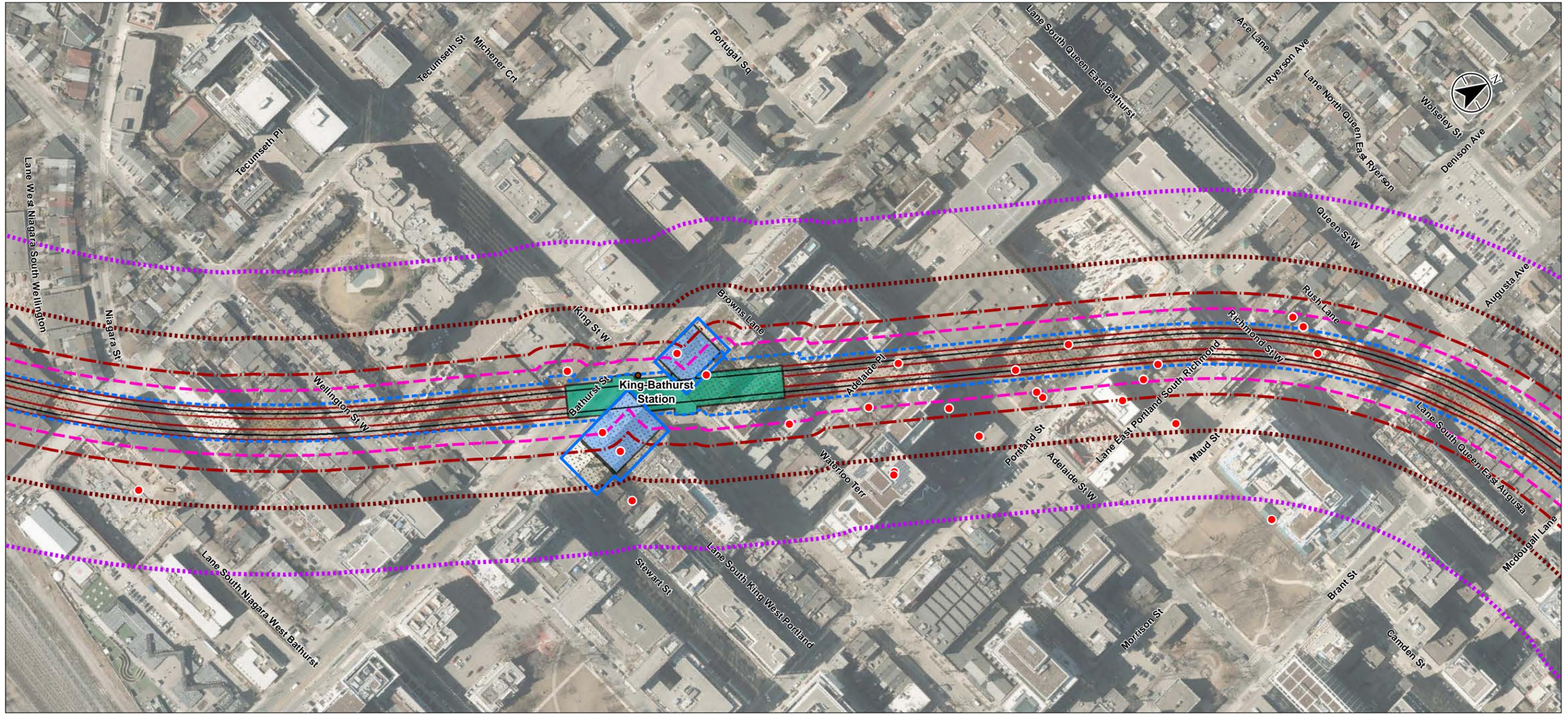
Title  
**Construction Vibration Zones of Influence – Tunneling Only**

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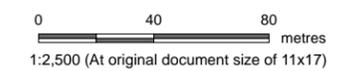
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**Legend**

- Above Grade Project Element Footprint
- Below Grade Project Element Footprint
- Heritage Feature
- Heritage Buildings and Structures
- Ground-borne Noise
- Human Perception (GBV)
- Alignment Current**
- Track Alignment Centerline
- Tunnels
- Station
- Station Platform - Subsurface Level
- Construction Staging and Construction Area
- Construction Vibration Zones of Influence**
- Buildings and Structures (Except Heritage)



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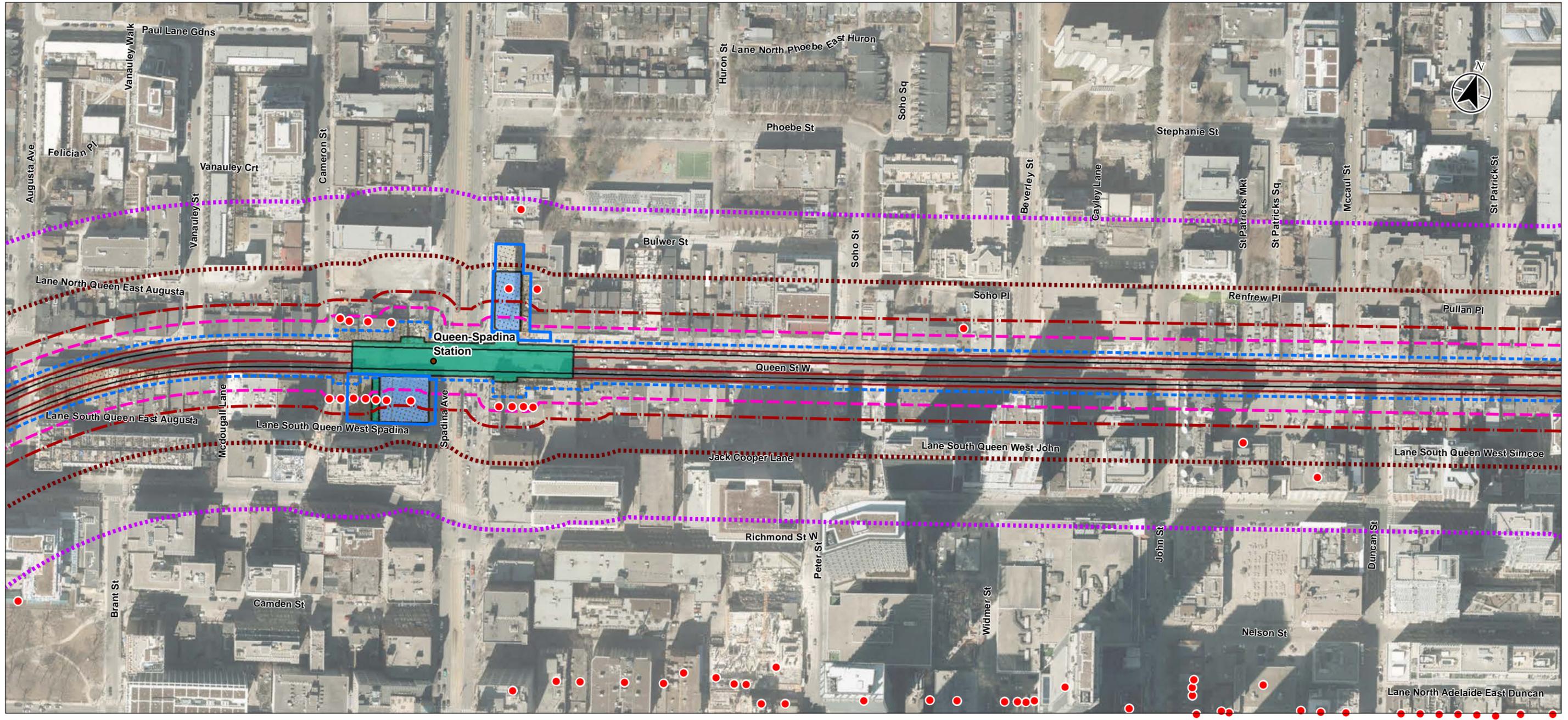
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**Figure No.**  
 H-2-2

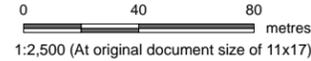
**Title**  
 Construction Vibration Zones of Influence –  
 Tunneling Only

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**Legend**

- Above Grade Project Element Footprint
- Below Grade Project Element Footprint
- Heritage Feature
- Heritage Buildings and Structures
- Ground-borne Noise
- Human Perception (GBV)
- Alignment Current**
- Track Alignment Centerline
- Tunnels
- Station
- Station Platform - Subsurface Level
- Construction Staging and Construction Area
- Construction Vibration Zones of Influence**
- Buildings and Structures (Except Heritage)



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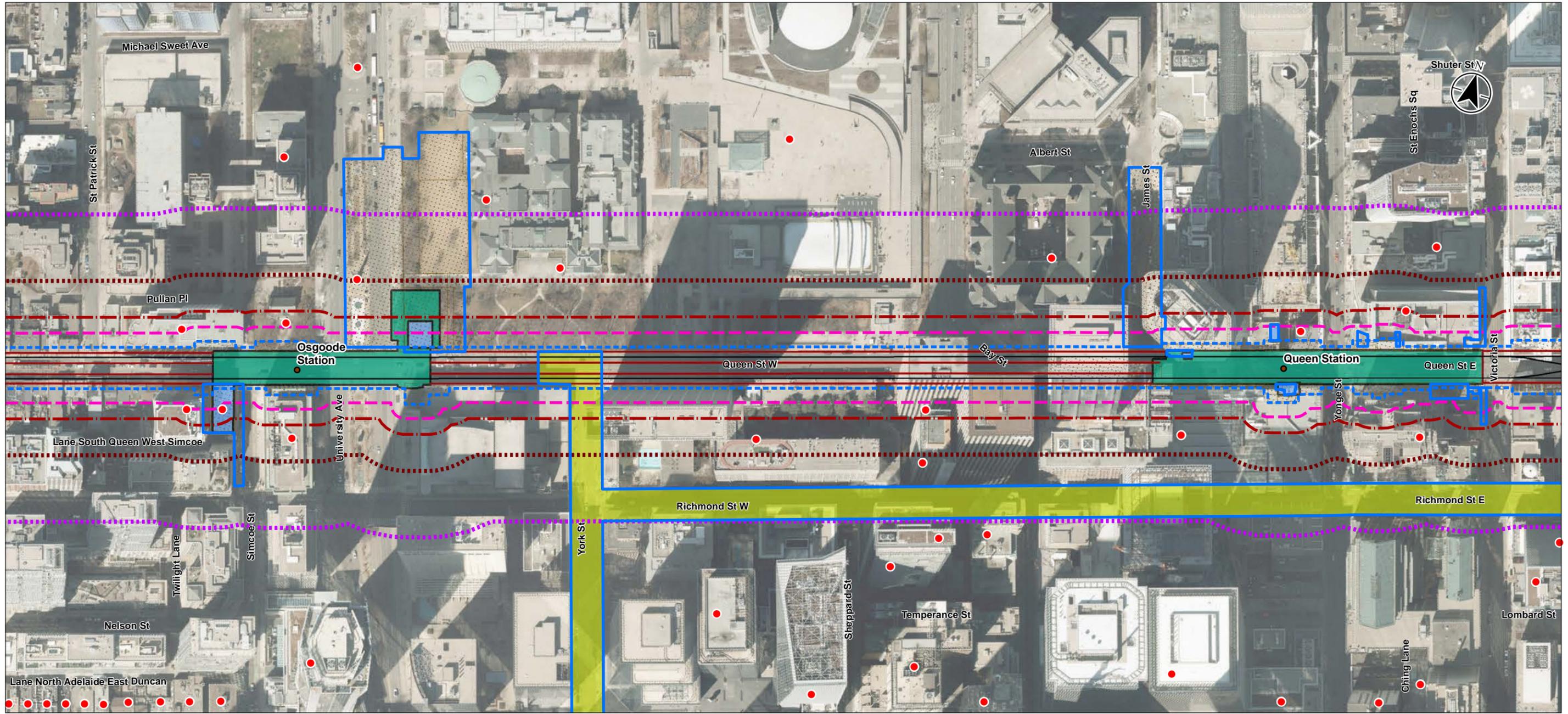
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*Figure No.*  
**H-2-3**

*Title*  
**Construction Vibration Zones of Influence – Tunneling Only**

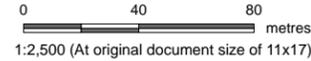
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- Legend**
- Above Grade Project Element Footprint
  - Below Grade Project Element Footprint
  - Heritage Feature
- Alignment Current**
- Track Alignment Centerline
  - Tunnels
  - Station
  - Station Platform - Subsurface Level
  - Streetcar Diversion
  - Construction Staging and Construction Area

- Construction Vibration Zones of Influence**
- Buildings and Structures (Except Heritage)
  - Heritage Buildings and Structures
  - Ground-borne Noise
  - Human Perception (GBV)



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Figure No.  
**H-2-4**

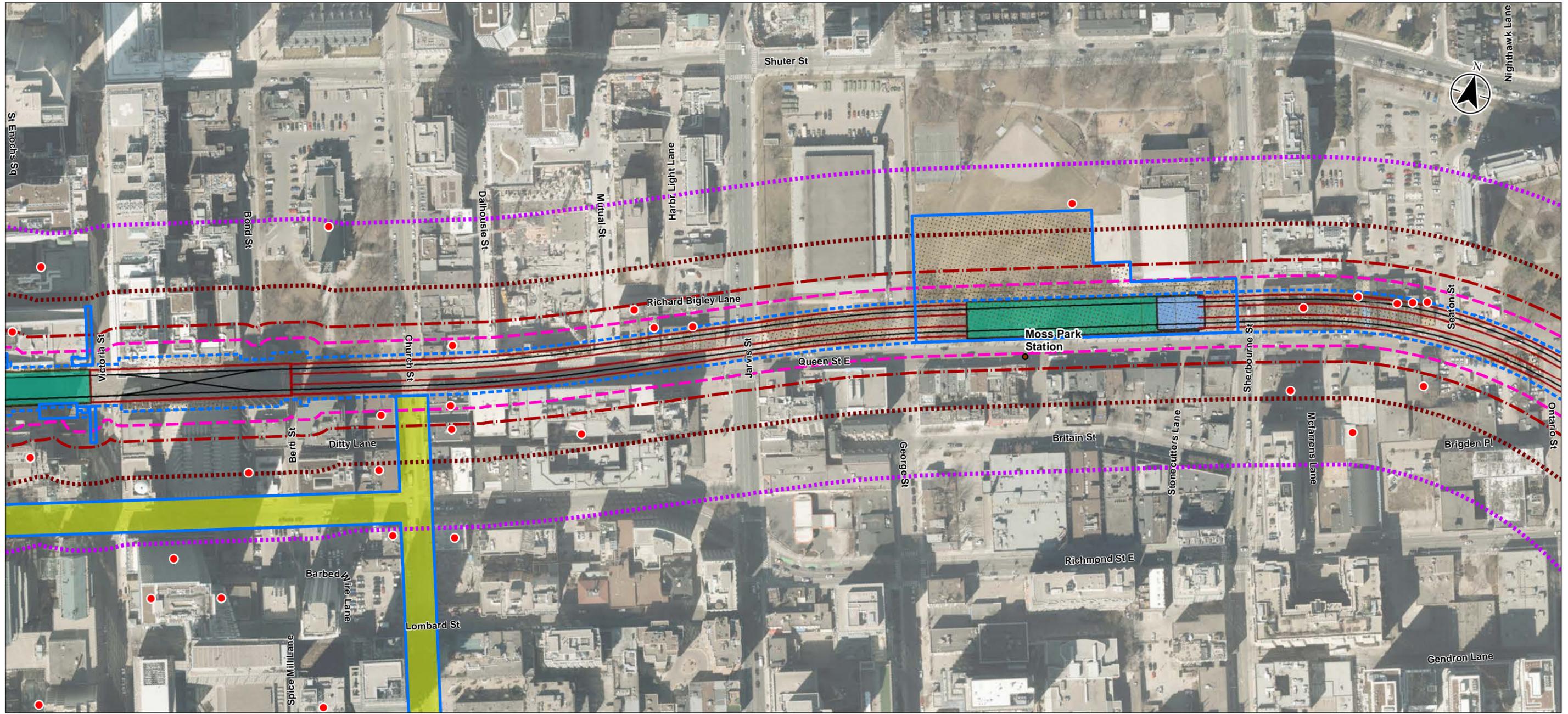
Title  
**Construction Vibration Zones of Influence – Tunneling Only**

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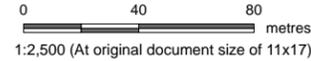
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- Legend**
- Above Grade Project Element Footprint
  - Below Grade Project Element Footprint
  - Heritage Feature
  - Alignment Current**
  - Track Alignment Centerline
  - Tunnels
  - Station
  - Station Platform - Subsurface Level
  - Streetcar Diversion
  - Construction Staging and Construction Area

- Construction Vibration Zones of Influence**
- Buildings and Structures (Except Heritage)
  - Heritage Buildings and Structures
  - Ground-borne Noise
  - Human Perception (GBV)



Project Location: Toronto, ON  
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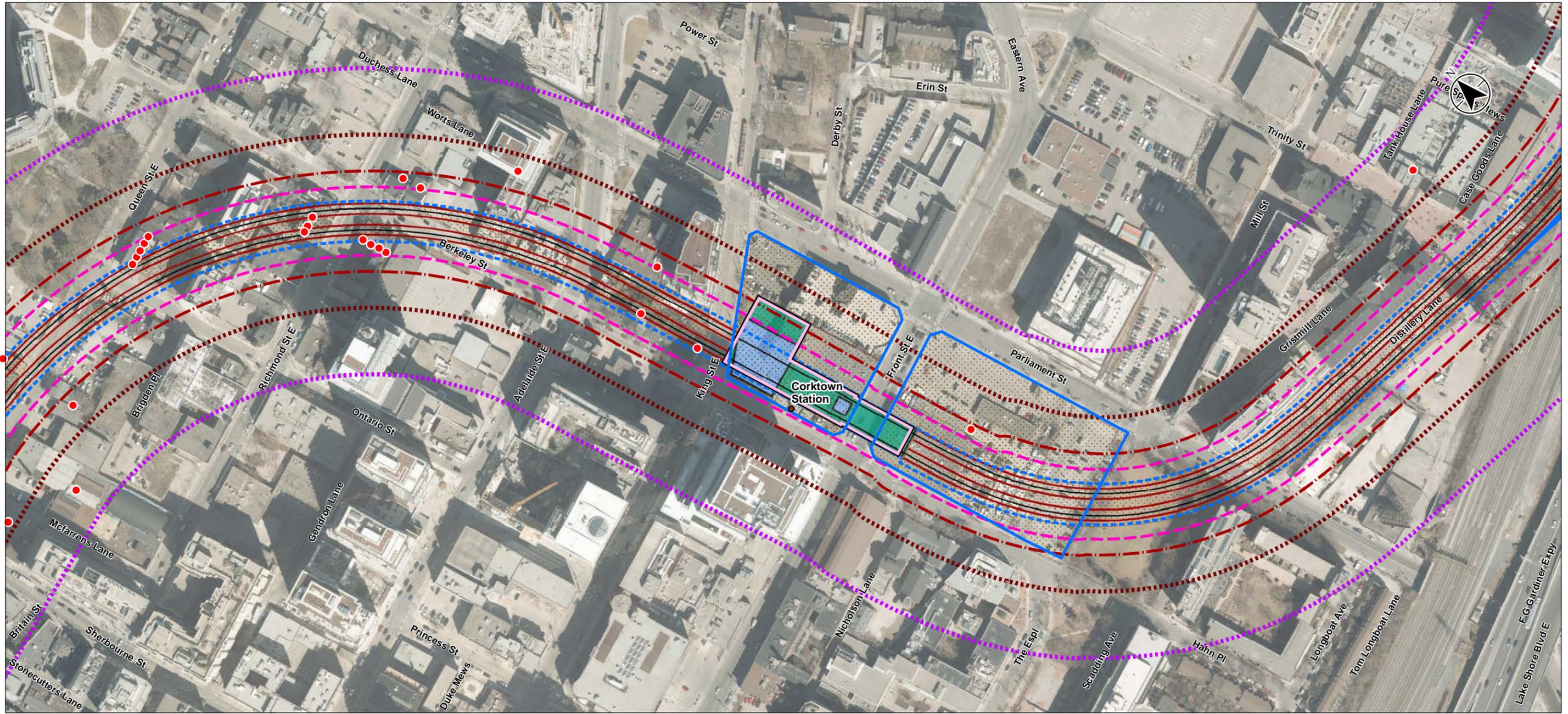
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 160560009 REVA

Figure No.: **H-2-5**  
 Title: **Construction Vibration Zones of Influence – Tunneling Only**

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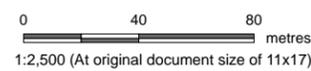
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<b>Legend</b>		<b>Construction Vibration Zones of Influence</b>	
	Above Grade Element - Pier, Bridge, Shaft		Buildings and Structures (Except Heritage)
	Above Grade Project Element Footprint		Heritage Buildings and Structures
	Below Grade Project Element Footprint		Ground-borne Noise
	Heritage Feature		Human Perception (GBV)
<b>Alignment Current</b>			
	Track Alignment Centerline		
	Tunnels		
	Station		
	Station Platform - Subsurface Level		
	Construction Staging and Construction Area		



**Project Location**  
 Toronto, ON

**Prepared by** BCC on 2022-04-07  
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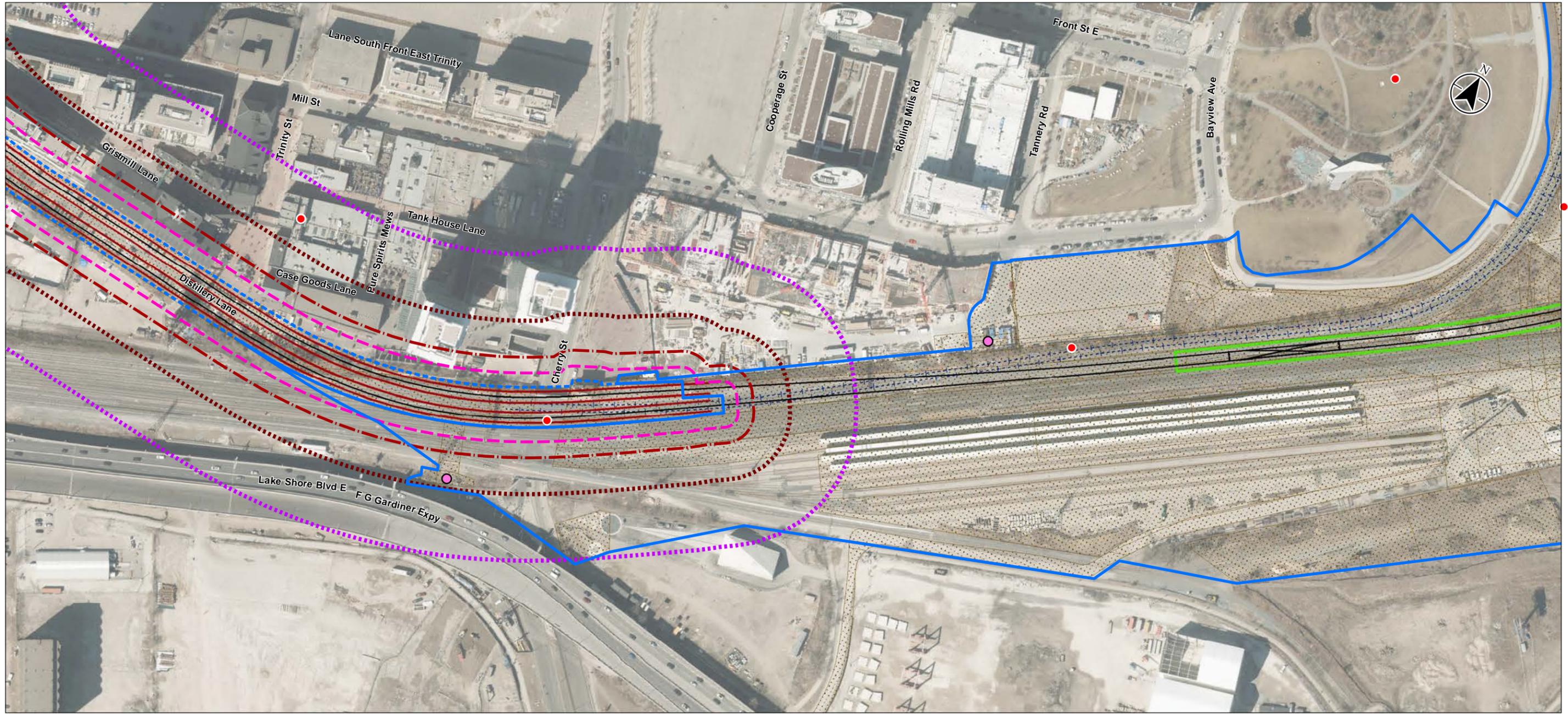
**Client/Project**  
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 ONTARIO LINE TA

**160560009 REVA**

**Figure No.**  
**H-2-6**

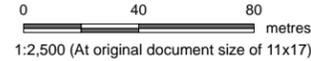
**Title**  
**Construction Vibration Zones of Influence – Tunneling Only**

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- Legend**
- Above Grade Project Element Footprint
  - Below Grade Project Element Footprint
  - Heritage Feature
  - Alignment Current**
  - Track Alignment Centerline
  - Tunnels
  - Portal
  - Emergency Egress Building (EEB)
  - RH Final Alignment
  - Construction Staging and Construction Area

- Construction Vibration Zones of Influence**
- Buildings and Structures (Except Heritage)
  - Heritage Buildings and Structures
  - Ground-borne Noise
  - Human Perception (GBV)



*Project Location*  
Toronto, ON

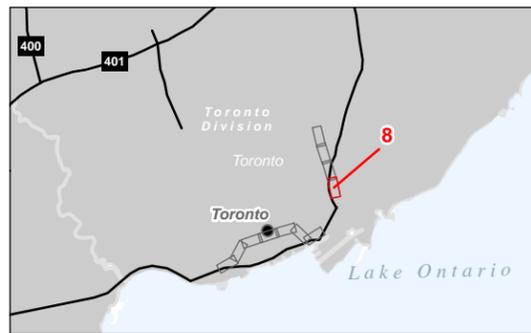
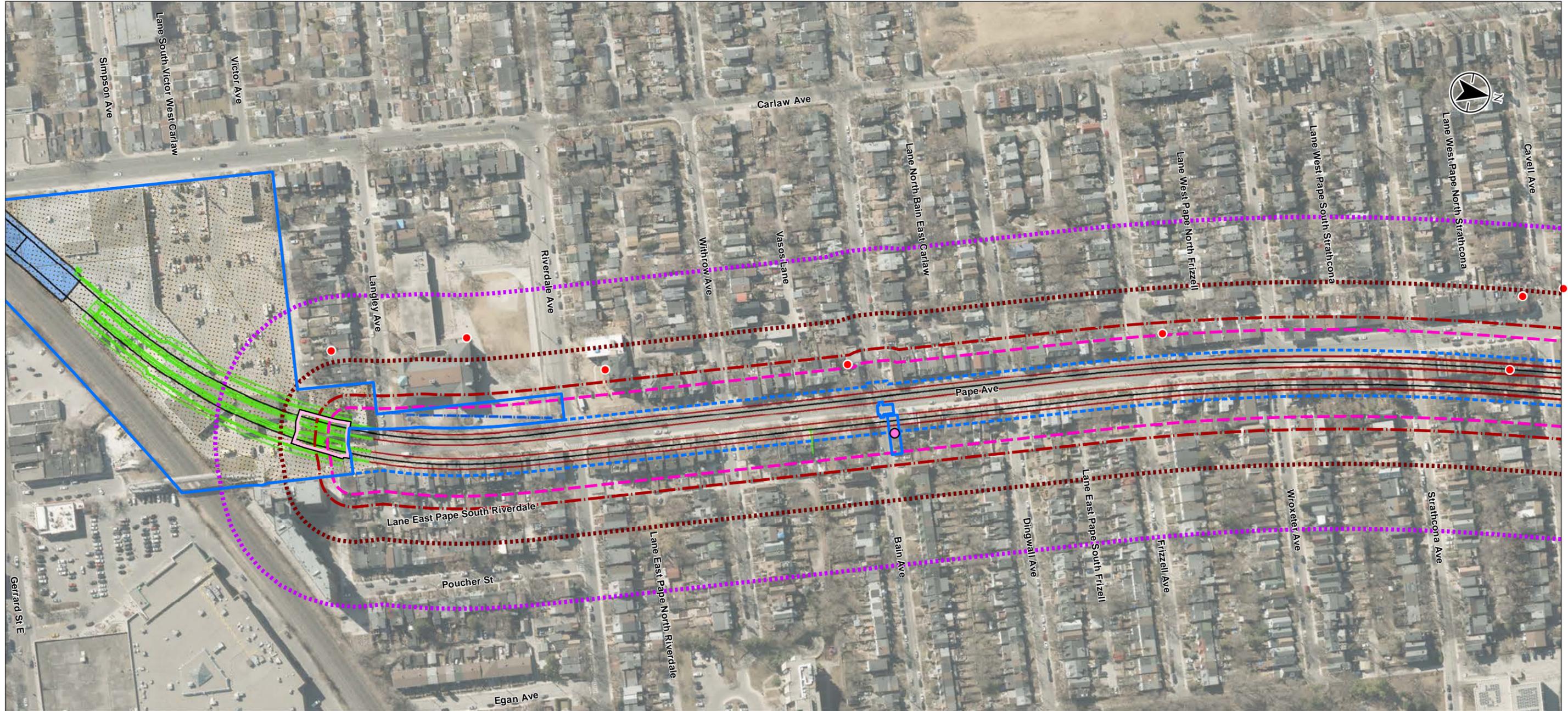
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*Figure No.*  
**H-2-7**

*Title*  
**Construction Vibration Zones of Influence – Tunneling Only**



**Legend**

- Above Grade Element - Pier, Bridge, Shaft
- Above Grade Project Element Footprint
- Below Grade Project Element Footprint
- Heritage Feature
- Alignment Current**
- Track Alignment Centerline
- Tunnels
- Portal
- Emergency Egress Building (EEB)
- Station
- Proposed Sewer Relocation
- Construction Staging and Construction Area
- Construction Vibration Zones of Influence**
- Buildings and Structures (Except Heritage)
- Heritage Buildings and Structures
- Ground-borne Noise
- Human Perception (GBV)

0 40 80 metres  
1:2,500 (At original document size of 11x17)



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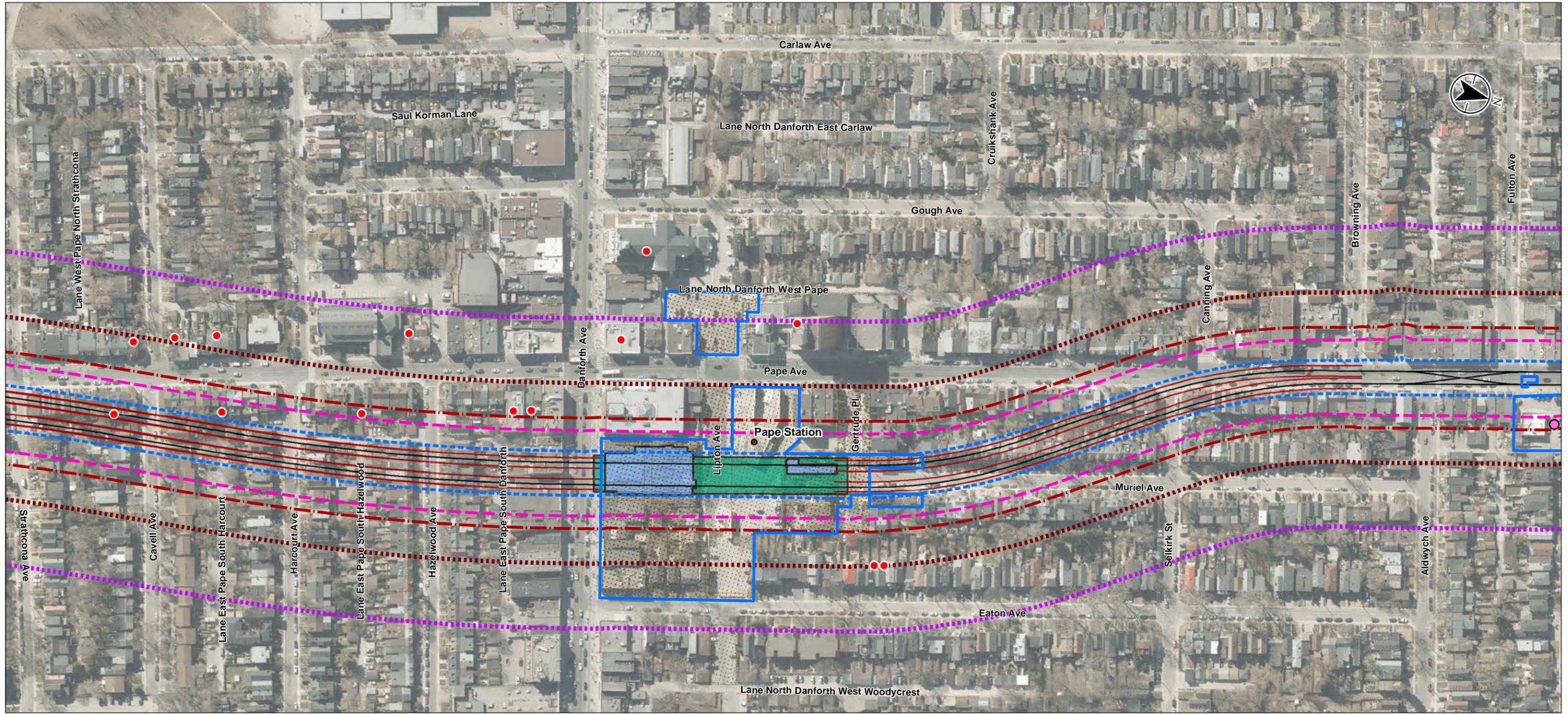
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Figure No.  
**H-2-8**

Title  
**Construction Vibration Zones of Influence – Tunneling Only**

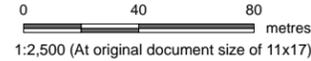
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- Legend**
- Above Grade Project Element Footprint
  - Below Grade Project Element Footprint
  - Heritage Feature
  - Alignment Current**
  - Track Alignment Centerline
  - Tunnels
  - Emergency Egress Building (EEB)
  - Station
  - Station Platform - Subsurface Level
  - Construction Staging and Construction Area

- Construction Vibration Zones of Influence**
- Buildings and Structures (Except Heritage)
  - Heritage Buildings and Structures
  - Ground-borne Noise
  - Human Perception (GBV)



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Figure No.  
**H-2-9**

Title  
**Construction Vibration Zones of Influence – Tunneling Only**

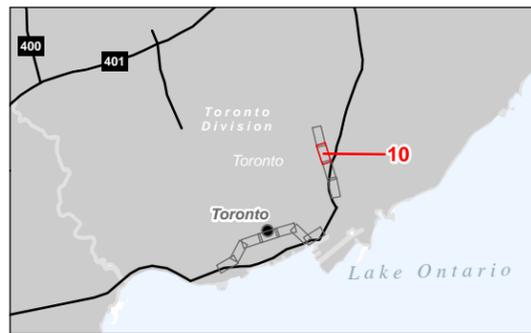
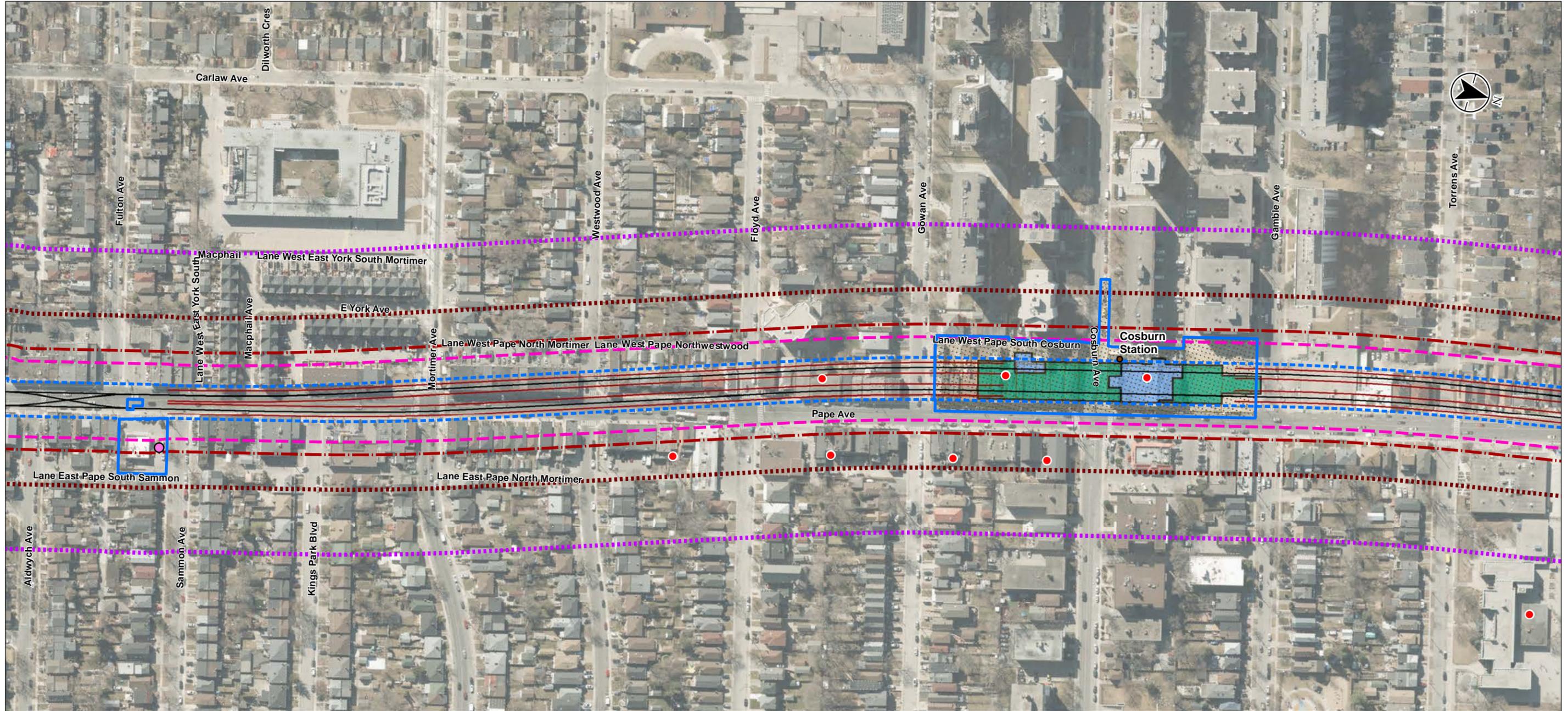
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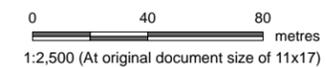


**Legend**

- Above Grade Project Element Footprint
- Below Grade Project Element Footprint
- Heritage Feature
- Alignment Current**
- Track Alignment Centerline
- Tunnels
- Emergency Egress Building (EEB)
- Station
- Station Platform - Subsurface Level
- Construction Staging and Construction Area

**Construction Vibration Zones of Influence**

- Buildings and Structures (Except Heritage)
- Heritage Buildings and Structures
- Ground-borne Noise
- Human Perception (GBV)



*Project Location*  
Toronto, ON

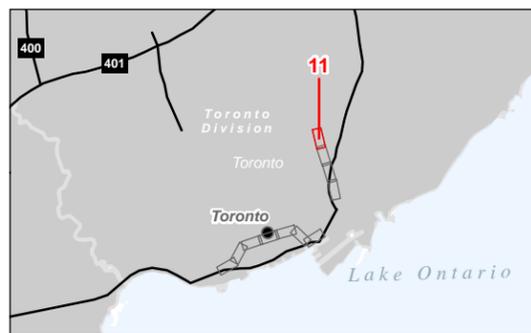
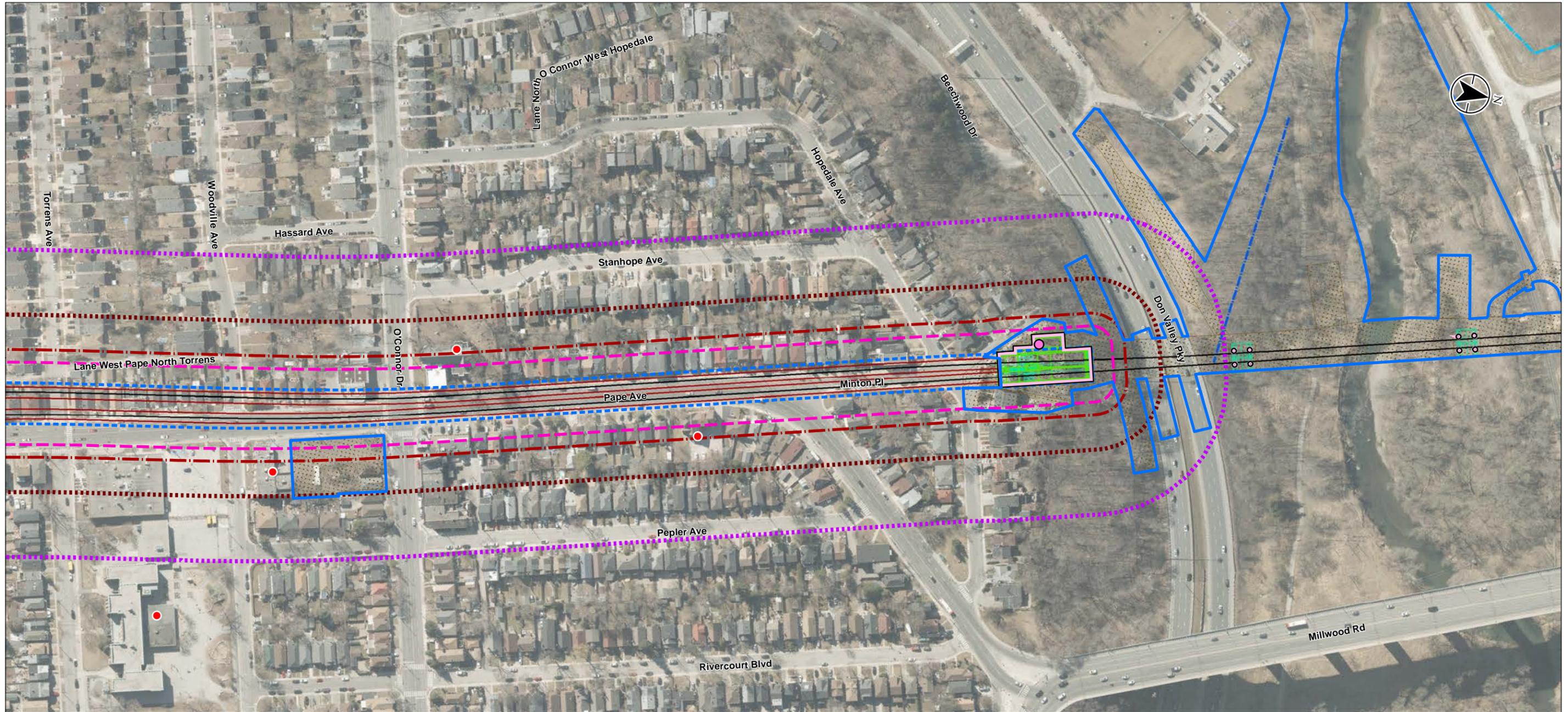
Prepared by BCC on 2022-04-07  
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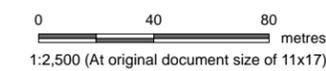
160560009 REVA

*Figure No.*  
**H-2-10**

*Title*  
**Construction Vibration Zones of Influence –  
Tunneling Only**



- Legend**
- Above Grade Element - Pier, Bridge, Shaft
  - Above Grade Project Element Footprint
  - Below Grade Project Element Footprint
  - Heritage Feature
  - Alignment Current**
  - Track Alignment Centerline
  - Tunnels
  - Portal
  - Proposed HONI Realignment
  - Emergency Egress Building (EEB)
  - Proposed Sewer Bypass
  - Construction Staging and Construction Area
  - Construction Vibration Zones of Influence**
  - Buildings and Structures (Except Heritage)
  - Heritage Buildings and Structures
  - Ground-borne Noise
  - Human Perception (GBV)



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Figure No.  
**H-2-11**

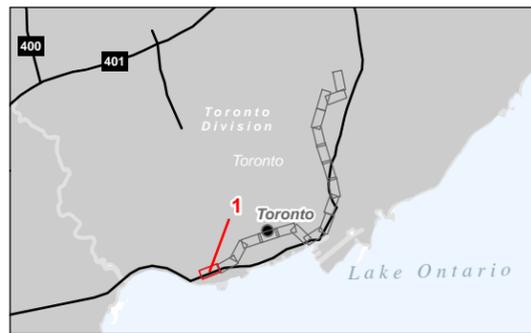
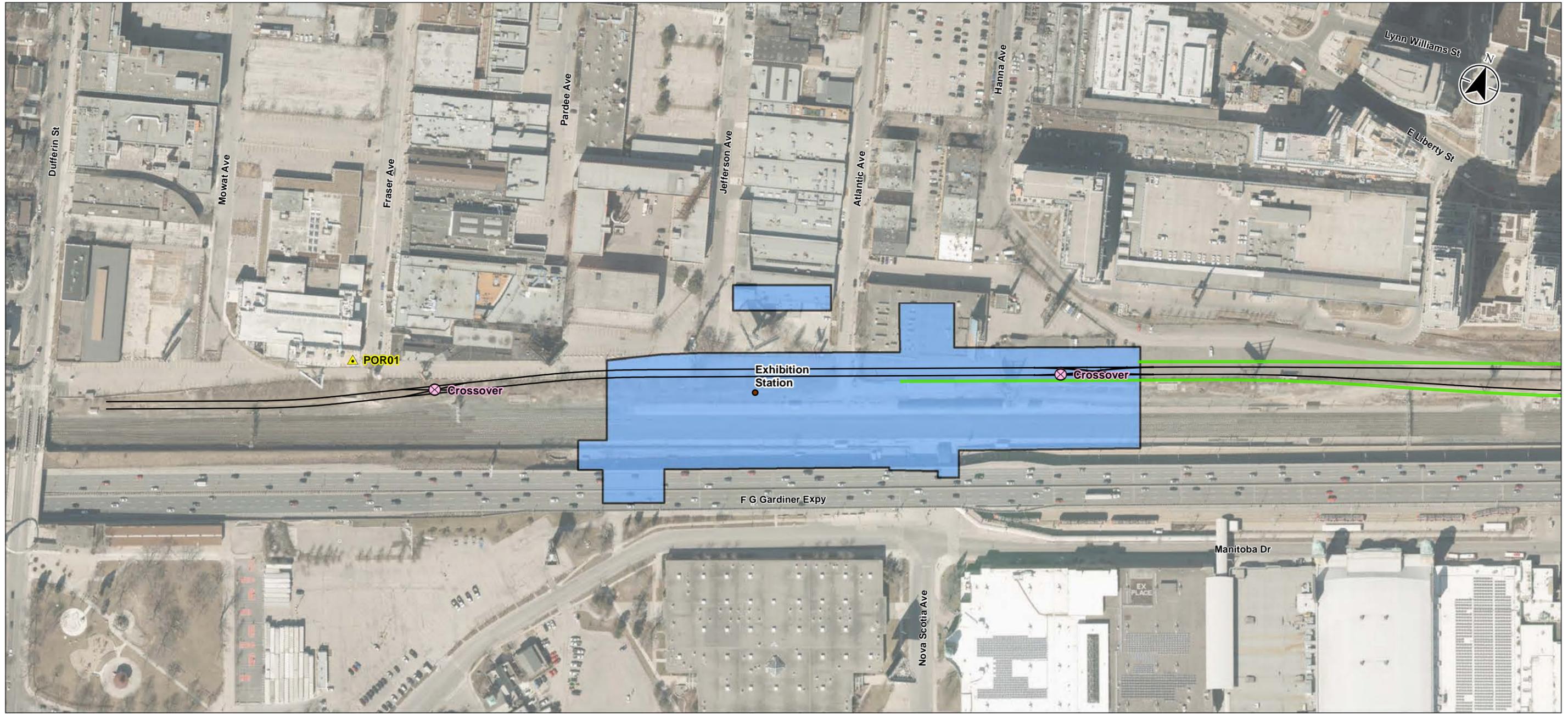
Title  
**Construction Vibration Zones of Influence – Tunneling Only**

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# Appendix I. Operational Vibration Assessment Figures

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**Legend**

▲ Representative POR

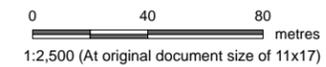
⊗ Crossover

**Alignment - Current**

— Track Alignment Centerline

— Portal

■ Station



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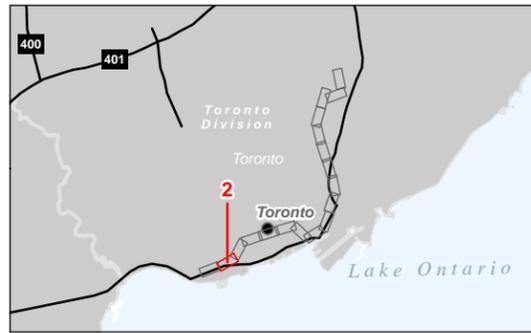
Figure No.

**I-1-1**

Title

Representative Points of Reception for Operational  
Vibration Assessment

**Notes**  
1. Coordinate System: NAD27 MTM zone 10  
2. Base features produced under license with the Ontario Ministry of Natural Resources and Forestry © Queen's Printer for Ontario, 2019.  
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**Legend**

- ▲ Representative POR
- Alignment - Current**
- Track Alignment Centerline
- Tunnels
- Portal
- Emergency Egress Building (EEB)

0 40 80 metres  
1:2,500 (At original document size of 11x17)



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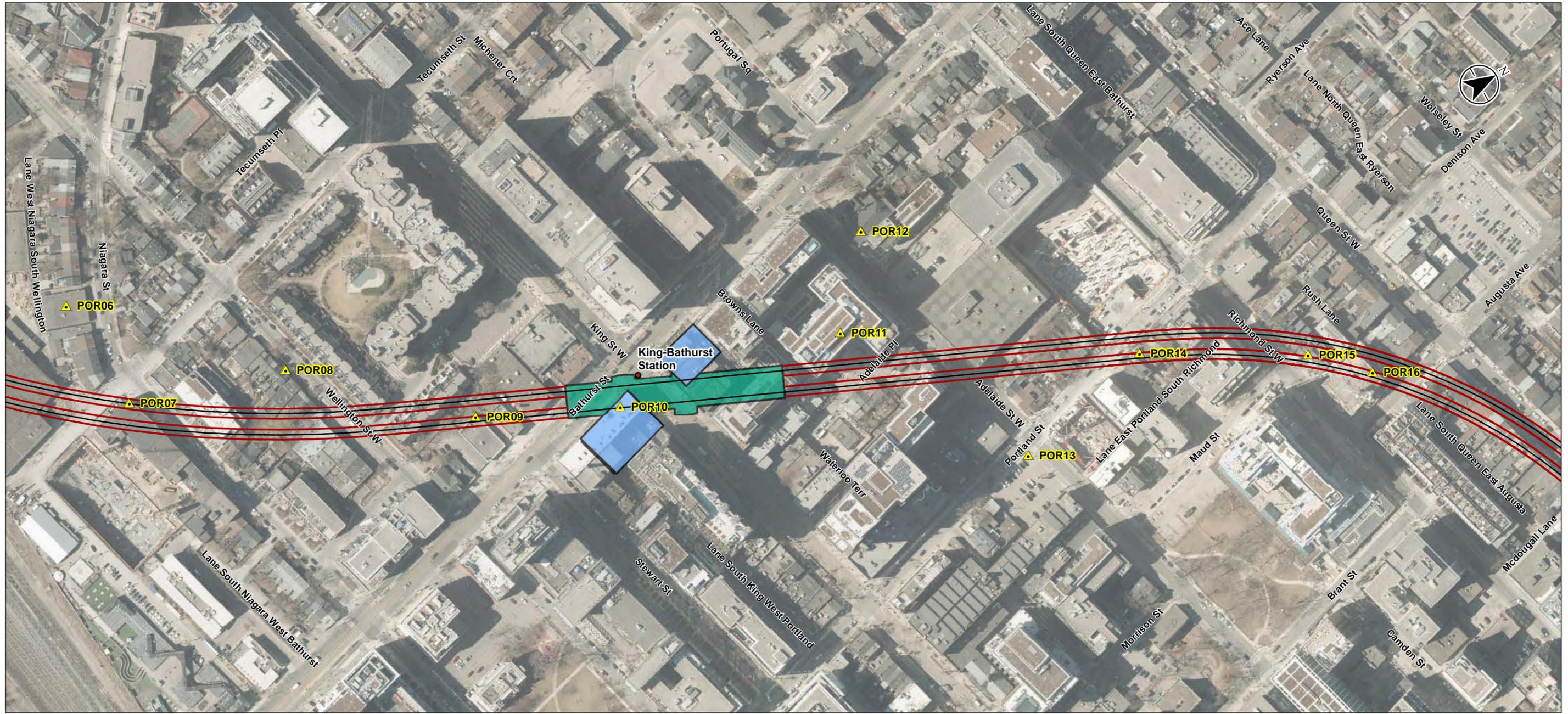
160560009 REVA

Figure No.  
**I-1-2**

Title  
Representative Points of Reception for Operational  
Vibration Assessment

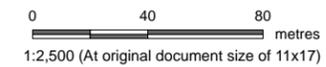
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**Legend**

- ▲ Representative POR
- Alignment - Current**
- Track Alignment Centerline
- Tunnels
- Station
- Station Platform - Subsurface Level



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Figure No.

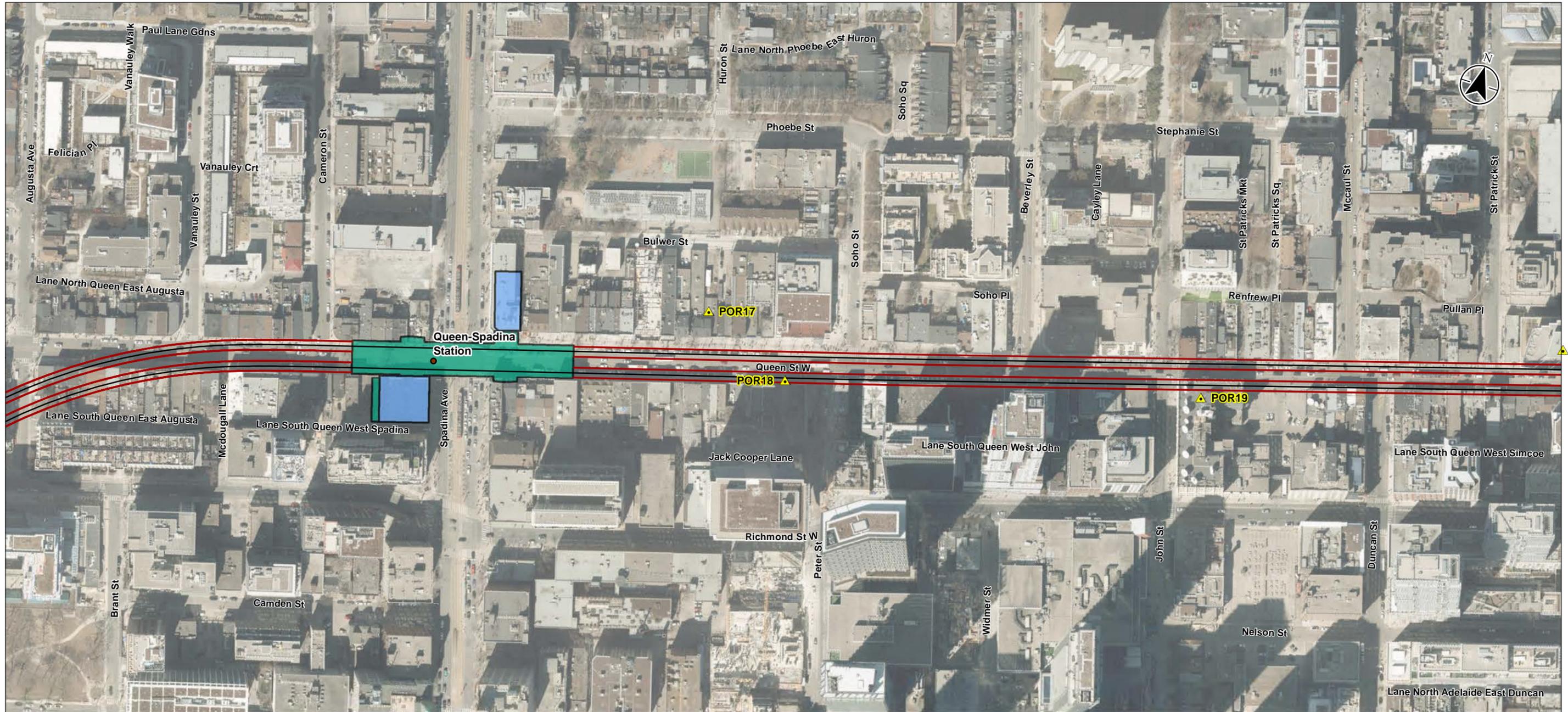
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Title

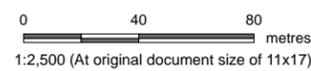
Representative Points of Reception for Operational  
Vibration Assessment

**Notes**  
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- Legend**
- ▲ Representative POR
  - Alignment - Current**
  - Track Alignment Centerline
  - Tunnels
  - Station
  - Station Platform - Subsurface Level



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Figure No.  
**I-1-4**

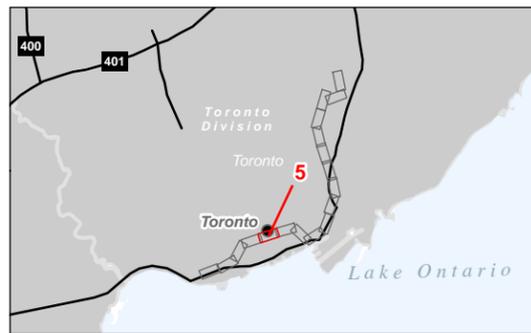
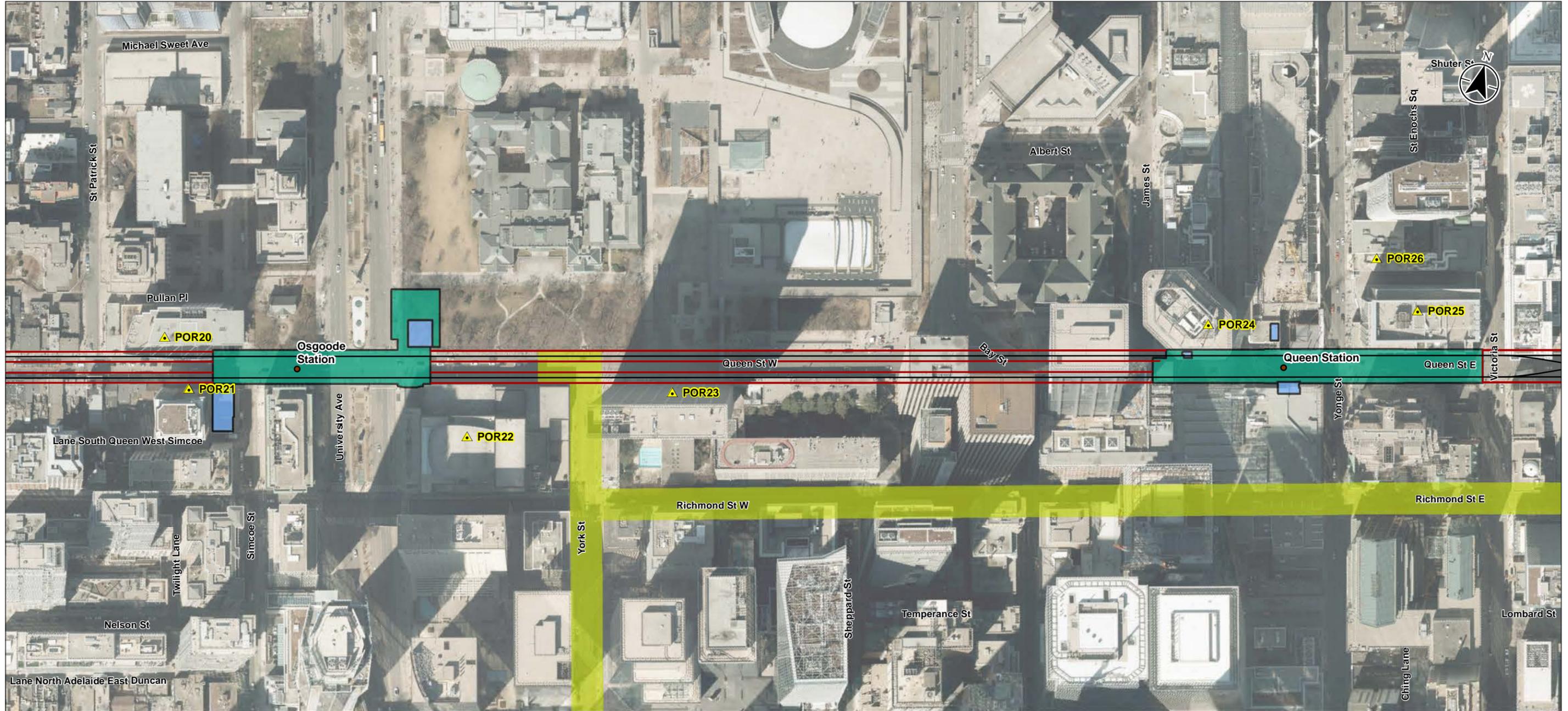
Title  
Representative Points of Reception for Operational  
Vibration Assessment

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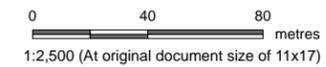
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**Legend**

- ▲ Representative POR
- Alignment - Current**
- Track Alignment Centerline
- Tunnels
- Station
- Station Platform - Subsurface Level
- Streetcar Diversion



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Toronto, ON

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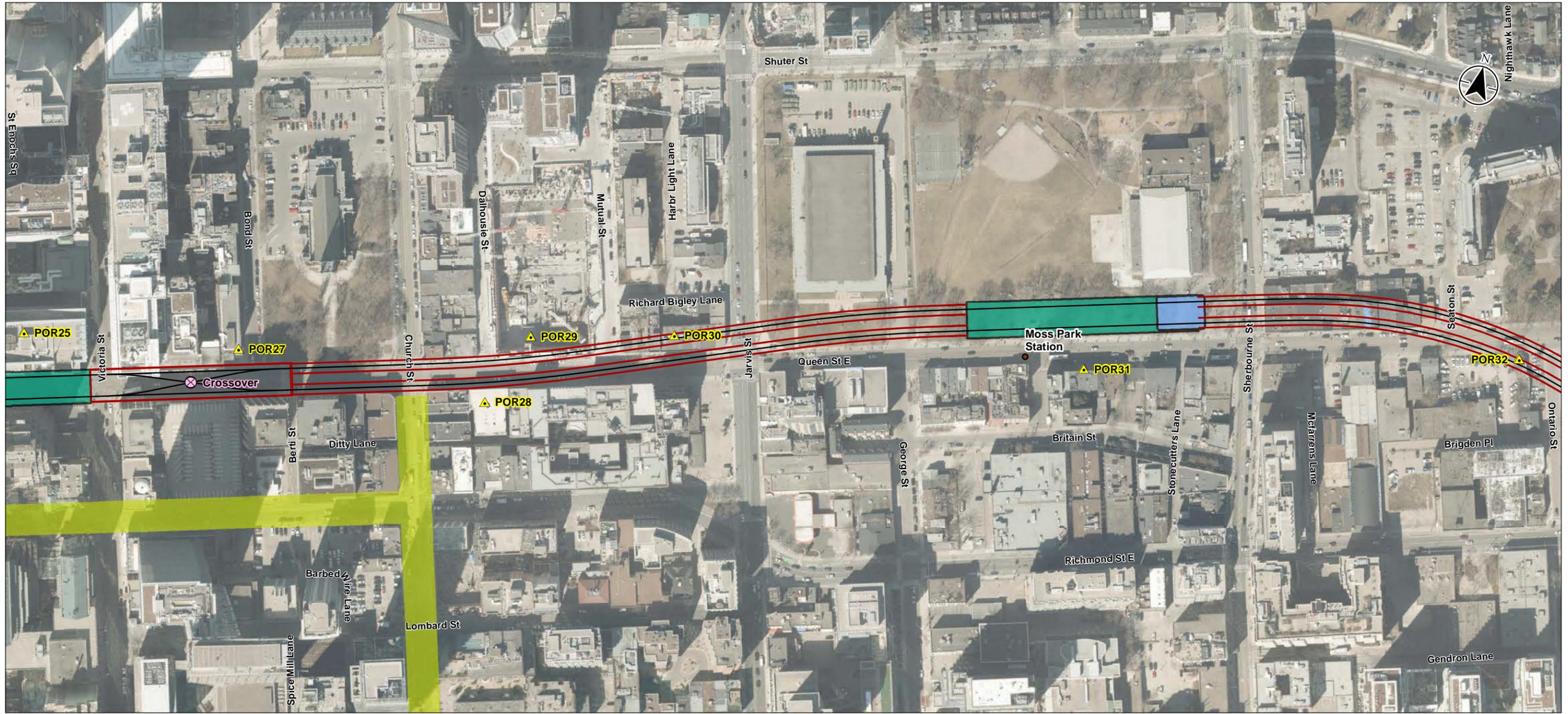
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Figure No.  
**I-1-5**

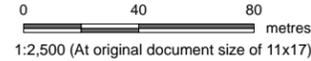
Title  
Representative Points of Reception for Operational  
Vibration Assessment

**Notes**  
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- Legend**
- ▲ Representative POR
  - ⊗ Crossover
- Alignment - Current**
- Track Alignment Centerline
  - Tunnels
  - Station
  - Station Platform - Subsurface Level
  - Streetcar Diversion



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**Figure No.**  
**I-1-6**

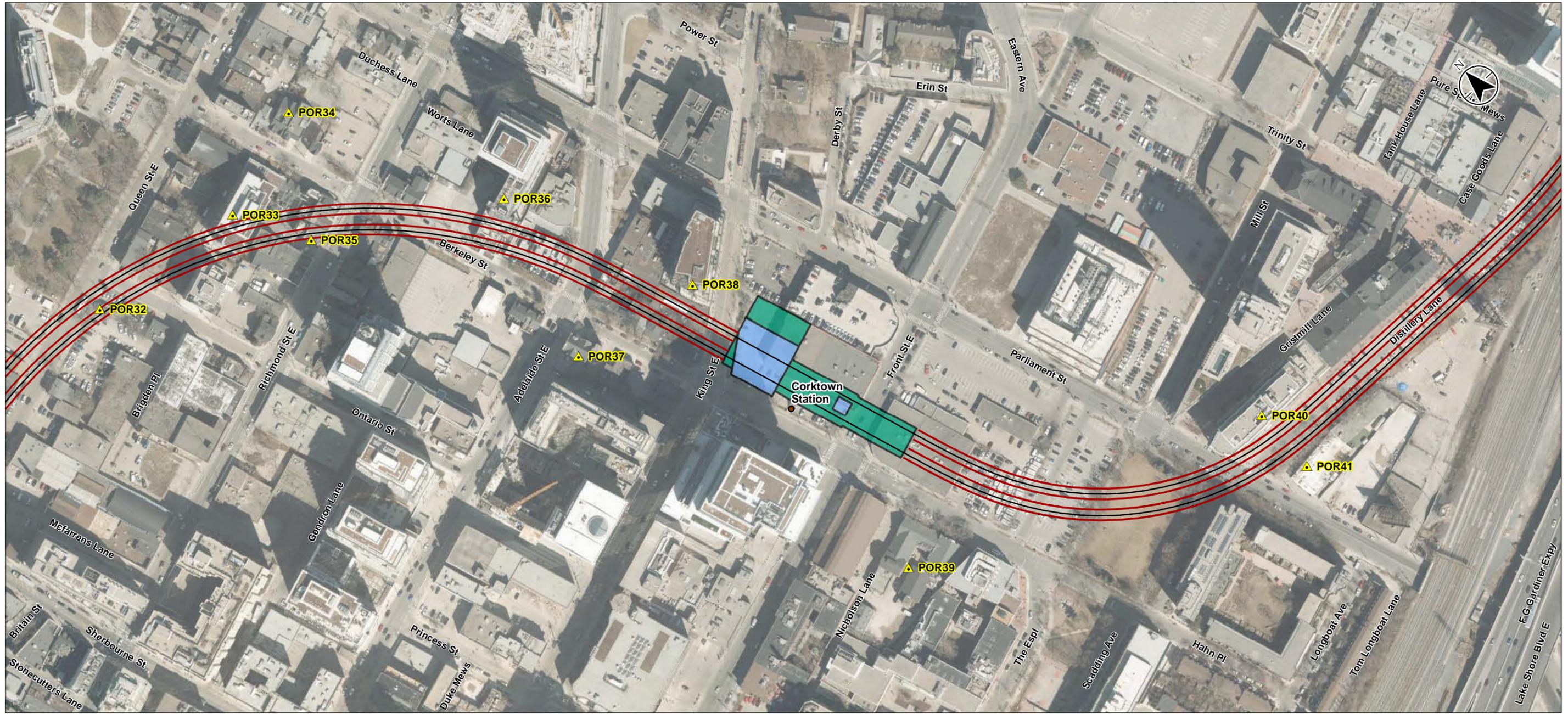
**Title**  
Representative Points of Reception for Operational  
Vibration Assessment

**Notes**

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- Legend**
- ▲ Representative POR
  - Alignment - Current**
  - Track Alignment Centerline
  - Tunnels
  - Station
  - Station Platform - Subsurface Level

0 40 80 metres  
1:2,500 (At original document size of 11x17)



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Figure No.  
**I-1-7**

Title  
Representative Points of Reception for Operational  
Vibration Assessment

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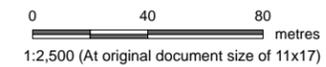


**Legend**

- Representative POR
- Crossover
- Alignment - Current**
- Track Alignment Centerline
- Tunnels
- Portal
- Emergency Egress Building (EEB)

**Notes**

1. Coordinate System: NAD27 MTM zone 10
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**Figure No.**  
**I-1-8**

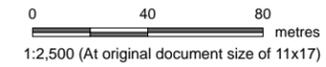
**Title**  
Representative Points of Reception for Operational  
Vibration Assessment



**Legend**

**Alignment - Current**

-  Track Alignment Centerline
-  Portal
-  Station



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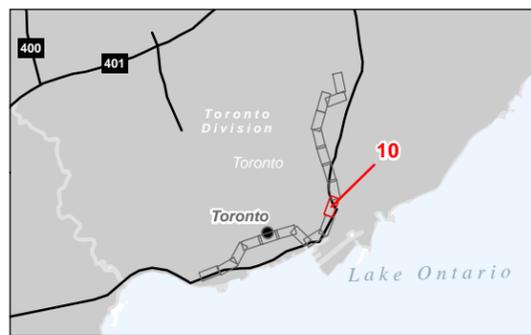
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Figure No.  
**I-1-9**

Title  
Representative Points of Reception for Operational  
Vibration Assessment

**Notes**  
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- Legend**
- Alignment - Current**
-  Track Alignment Centerline
  -  Portal
  -  Station

0 40 80 metres  
1:2,500 (At original document size of 11x17)



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Toronto, ON

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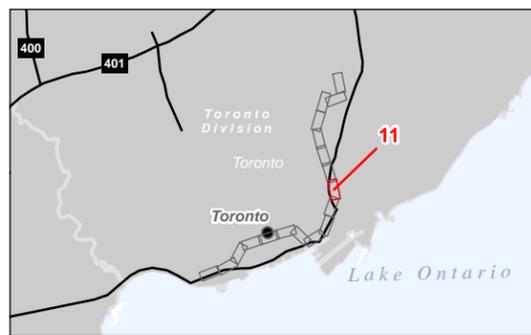
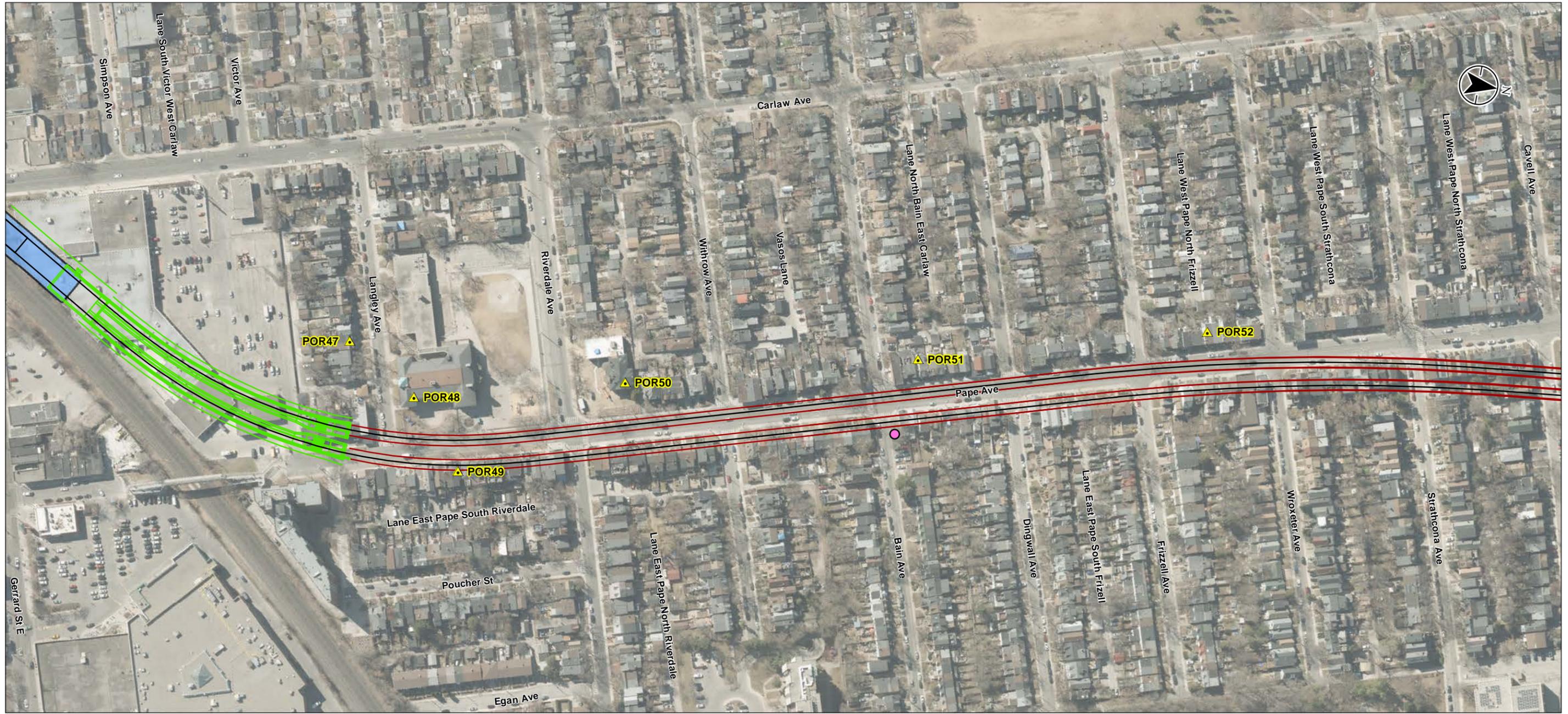
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Figure No.  
**I-1-10**

Title  
Representative Points of Reception for Operational  
Vibration Assessment

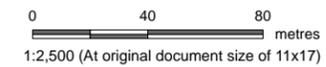
- Notes**
1. Coordinate System: NAD27 MTM zone 10
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**Legend**

- Representative POR
- Alignment - Current**
- Track Alignment Centerline
- Tunnels
- Portal
- Emergency Egress Building (EEB)
- Station



Project Location  
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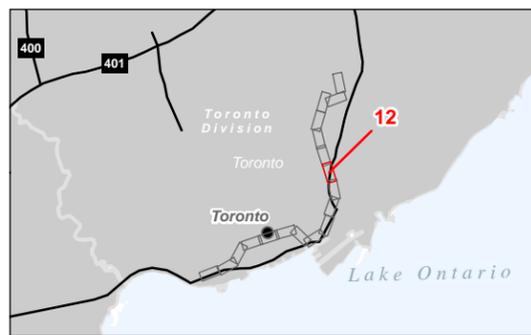
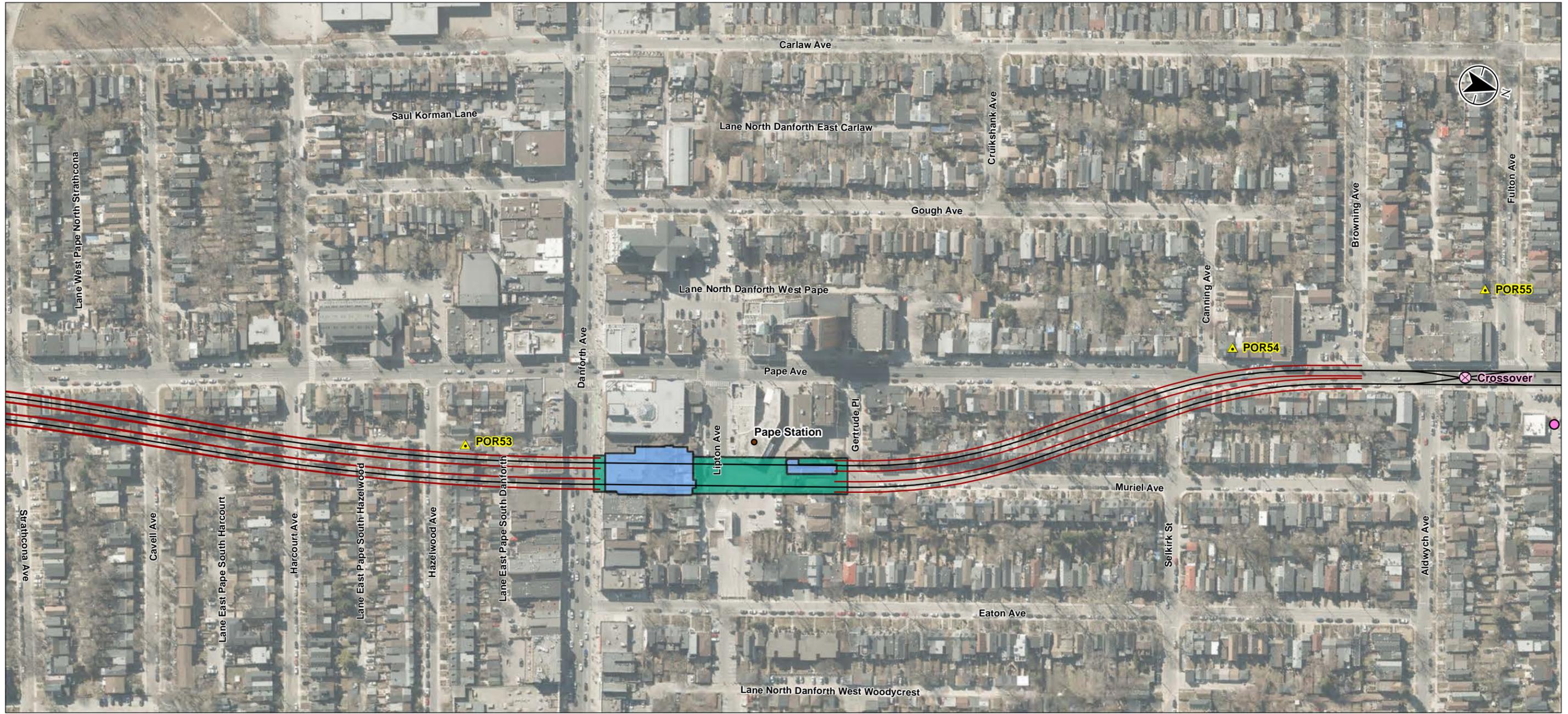
160560009 REVA

Figure No.  
**I-1-11**

Title  
Representative Points of Reception for Operational  
Vibration Assessment

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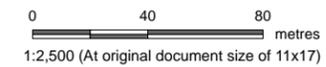
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**Legend**

- Representative POR
- Crossover
- Alignment - Current**
- Track Alignment Centerline
- Tunnels
- Emergency Egress Building (EEB)
- Station
- Station Platform - Subsurface Level

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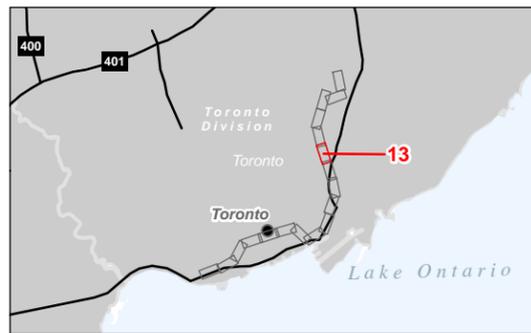
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Figure No.  
**I-1-12**

Title  
Representative Points of Reception for Operational  
Vibration Assessment

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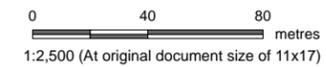
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**Legend**

- ▲ Representative POR
- ⊗ Crossover
- Alignment - Current**
- Track Alignment Centerline
- Tunnels
- Emergency Egress Building (EEB)
- Station
- Station Platform - Subsurface Level

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*Project Location*  
Toronto, ON

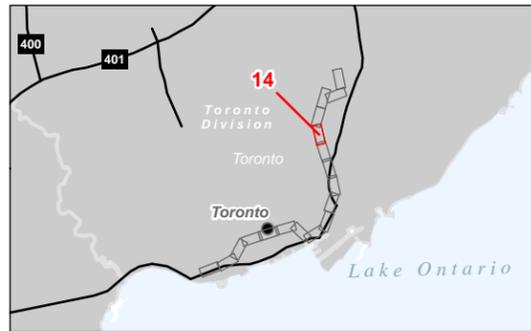
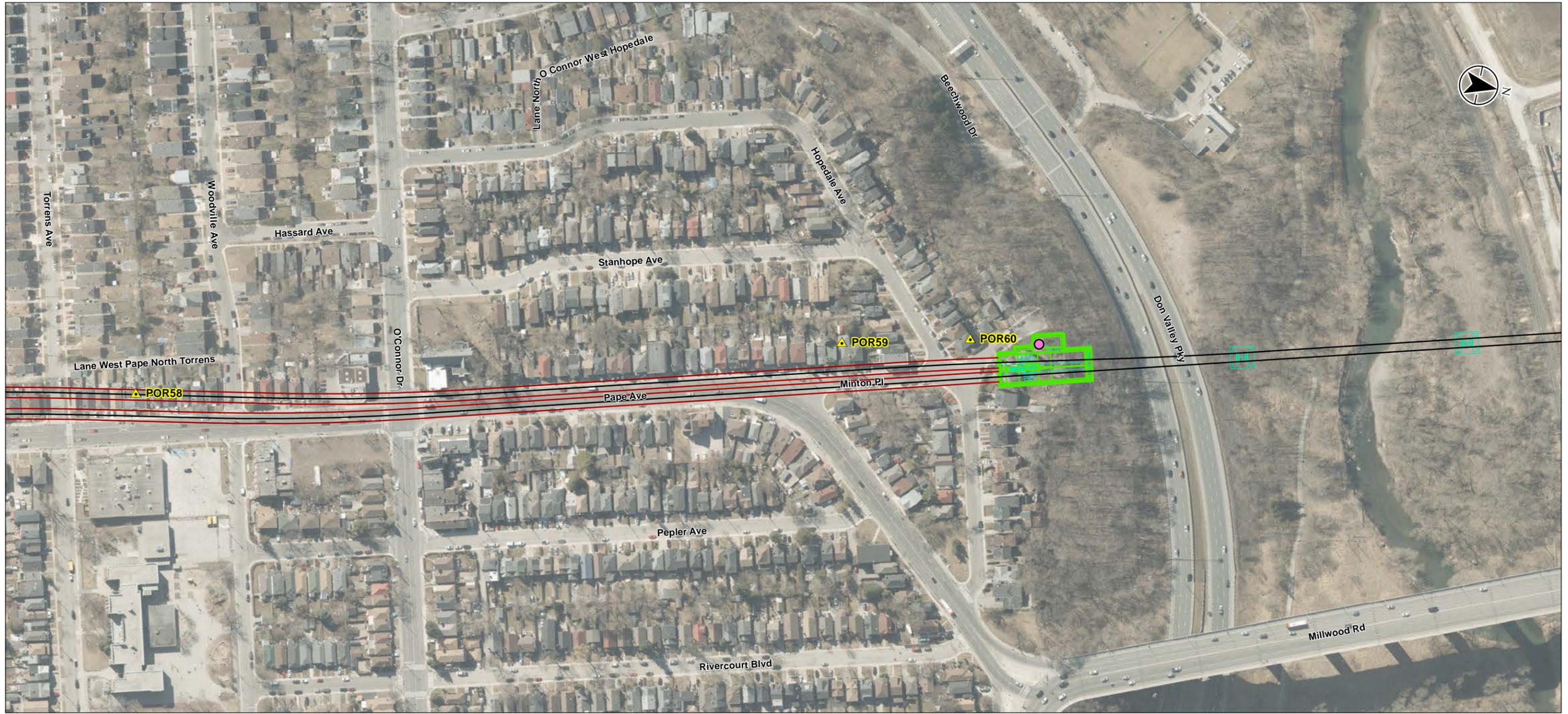
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*Figure No.*  
**I-1-13**

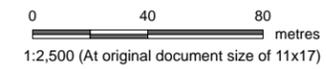
*Title*  
Representative Points of Reception for Operational  
Vibration Assessment



**Legend**

- ▲ Representative POR
- Alignment - Current**
- Track Alignment Centerline
- Tunnels
- Portal
- Elevated Guideway
- Emergency Egress Building (EEB)

**Notes**  
 1. Coordinate System: NAD27 MTM zone 10  
 2. Base features produced under license with the Ontario Ministry of Natural Resources and Forestry © Queen's Printer for Ontario, 2019.  
 3. Orthoimagery © First Base Solutions, 2020. Imagery Date, 2018.



**Project Location**  
Toronto, ON

Prepared by BCC on 2022-03-10  
TR by ABC on yyyy-mm-dd

**Client/Project**  
HDR CORPORATION  
ONTARIO LINE TA

160560009 REVA

**Figure No.**  
**I-1-14**

**Title**  
Representative Points of Reception for Operational  
Vibration Assessment

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