

Appendix A4

Ontario Line Project

**Corktown Station Early Works –
Heritage Detailed Design Report**

Metrolinx

Heritage Detailed Design Report

Ontario Line Corktown Station Early Works

Prepared by:

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Executive Summary

ES.1 Ontario Line Corktown Station Early Works

The Ontario Line Project (the Project) is being assessed in accordance with Ontario Regulation 341/20: Ontario Line Project under the Environmental Assessment Act. Ontario Regulation 341/20: Ontario Line Project outlines a Project-specific environmental assessment process that includes an Environmental Conditions Report, Environmental Impact Assessment Report, and an opportunity for Early Works Report(s) for assessment of works that are ready to proceed in advance of the Environmental Impact Assessment Report. The Environmental Conditions Report documents the local environmental conditions of the Ontario Line Study Area and provides a preliminary description of the potential environmental impacts from the Project. Information outlined in the Environmental Conditions Report is used to inform the Early Works Report(s) and Environmental Impact Assessment Report, which study environmental impacts in further detail and confirm and refine preliminary mitigation measures identified in the Environmental Conditions Report.

Ontario Line early works are components of the Project that are proposed to proceed before the completion of the Ontario Line environmental impact assessment process. An overview of the Project is provided in **Section 1.2**. Early works are defined in Ontario Regulation 341/20: Ontario Line Project under the Environmental Assessment Act as follows:

“any components of the Ontario Line Project that Metrolinx proposes to proceed with before the completion of the Ontario Line assessment process, such as station construction, rail corridor expansion, utility relocation or bridge replacement or expansion.”

Corktown Station early works are considered to be of strategic importance in enabling the timely implementation of the Project. The Corktown Station early works site has been identified as the launch site for the tunnel excavation equipment to complete tunnels and underground station spaces for the downtown and Don Yard segments and construction of the Corktown Station. The First Parliament site is located within the Corktown Station early works site and is a known archaeological site which requires additional archaeological studies ahead of any ground disturbance activities. The Corktown Station early works site will provide essential logistics support required for the Project's tunneling. To prepare this site, demolition of existing buildings and structures followed by completion of necessary archaeological studies is required. Completion of this preparatory work on an expedited basis is essential to allow for the timely delivery of the overall Project.

AECOM Canada Limited (AECOM) was retained by Metrolinx and Infrastructure Ontario to complete the Ontario Line Corktown Station Early Works Report for the Project. This Heritage Detailed Design Report supports the Ontario Line Final Corktown Station Early Works Report prepared for the Project to document the built heritage resources/cultural heritage landscapes impact assessment of Corktown Station early works (**Figure ES-1**).

For the purpose of this Heritage Detailed Design Report, ‘project components’ and ‘project activities’ as defined in the Ontario Line Cultural Heritage Report: Existing Conditions and Preliminary Impact Assessment (AECOM, 2020a) are referred to as ‘early works components’ and ‘construction activities’ respectively.

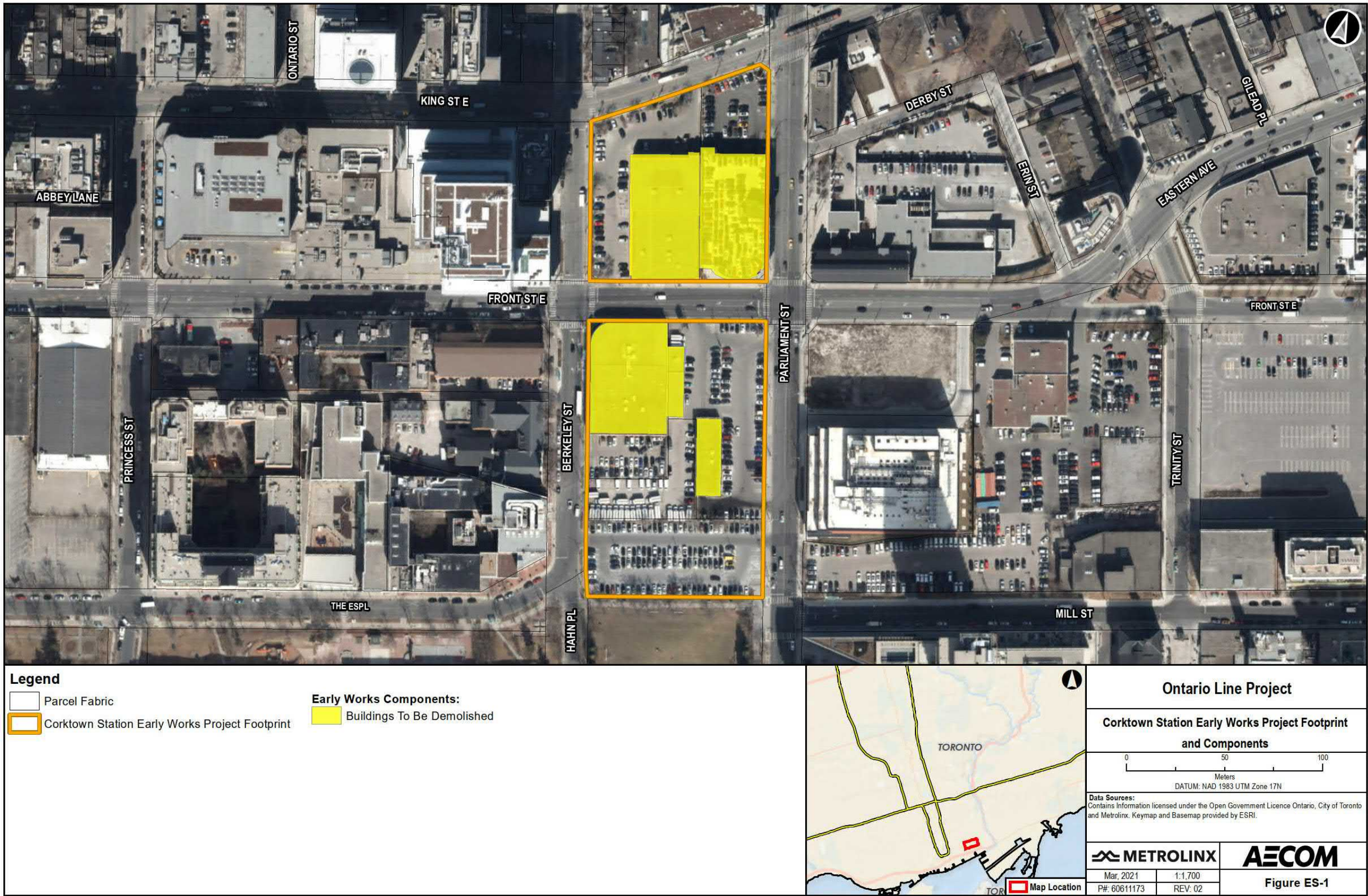
The Ontario Line is being completed in accordance with Ontario Regulation 341/20: Ontario Line Project under the Environmental Assessment Act. Ontario Regulation 341/20: Ontario Line Project includes provisions for consultation with the public, agencies and Indigenous Nations in addition to reporting requirements for environmental conditions, early works, and environmental impact assessment. As part of the Ontario Line Final Environmental Conditions Report (AECOM, 2020b)¹, AECOM completed the Ontario Line Cultural Heritage Report: Existing Conditions and Preliminary Impact Assessment (AECOM, 2020a) (hereafter the ‘Ontario Line Cultural Heritage Report’) that characterizes known and potential built heritage resources and cultural heritage landscapes within the Ontario Line Study Area.

Purpose of the Heritage Detailed Design Report

The purpose of the Heritage Detailed Design Report is to confirm impacts and mitigation measures as described in the Ontario Line Cultural Heritage Report (or identify those not anticipated or described in the Ontario Line Cultural Heritage Report, identify any changes, and refine the range of mitigation options and measures for each property based on the Corktown Station early works where applicable.

1. The Ontario Line Final Environmental Conditions Report (AECOM, 2020b) was published on November 30, 2020 in accordance with Ontario Regulation 341/20: Ontario Line Project.

Figure ES-1: Corktown Station Early Works Project Footprint and Components



The key tasks of this Heritage Detailed Design Report are to:

- Review the existing baseline conditions of known, previously identified and potential built heritage resources/cultural heritage landscapes within the Corktown Station Study Area as documented in the Ontario Line Cultural Heritage Report (AECOM, 2020a) (where the Corktown Station Study Area includes the Corktown Station Early Works Project Footprint, plus adjacent properties to account for potential indirect impacts and properties within 11.1 metres of the Corktown Station Early Works Project Footprint to account for potential vibration impacts)²;
- Conduct a field review within the Corktown Station Study Area to confirm the presence and/or changes to any known and previously identified built heritage resources/cultural heritage landscapes that were documented in the Ontario Line Cultural Heritage Report (AECOM, 2020a), and to identify potential built heritage resources/cultural heritage landscapes that were not identified in the Ontario Line Cultural Heritage Report (AECOM, 2020a);
- Review the early works components and built heritage resources/cultural heritage landscapes as captured in the preliminary impact assessment of the Ontario Line Cultural Heritage Report (AECOM, 2020a); confirm impacts and mitigation measures, identify any changes, and, where required, refine the range of mitigation options and measures for each property based on the Corktown Station early works. If required, identify any monitoring recommendations and describe how any conditions attached to the Minister's Consent, obtained by Metrolinx, for the First Parliament Site (OLS-034) will be met;
- Assess potential early works-specific impacts to potential cultural heritage resources/cultural heritage landscapes identified in the field review for this Heritage Detailed Design Report that were not described in the Ontario Line Cultural Heritage Report (AECOM, 2020a) and recommend mitigation measures to avoid or minimize those impacts;
- Identify any required permits and approvals (i.e., federal, provincial, municipal, other); and,

2. The 250 metre buffer from the Ontario Line Cultural Heritage Report was refined using analysis from the Ontario Line Corktown Station Early Works – Noise and Vibration Report (AECOM, 2021). The refined buffer was calculated based on the Project-specific anticipated impacts of early works using a conservative approach (where construction equipment was assumed to operate at the edge of the Corktown Station Early Works Project Footprint, closest to nearby buildings/structures) and accounts for potential vibration impacts to buildings extremely susceptible to vibration damage (including heritage buildings and their foundations). The resulting buffer is 11.1 metres from the Corktown Station Early Works Project Footprint.

- Apply any input/feedback applicable to this Heritage Detailed Design Report that was received from interested parties during the Ontario Line Draft Cultural Heritage Report public review period (September 17, 2020 to October 17, 2020).

This Heritage Detailed Design Report supports the Ontario Line Corktown Station Early Works Report prepared in accordance with Ontario Regulation 341/20: Ontario Line Project.

Refer to **Section 1** of this Heritage Detailed Design Report for more information related to the Project and a detailed early works description.

ES.2 Early Works Description

The Corktown Station early works include demolition of existing buildings, removal of other structures and asphalt where required, decommissioning of utilities, and soil removal and/or remediation where required. These activities will enable the completion of environmental due diligence investigations, including archaeological assessments.

The Corktown Station early works components and construction activities are further described in detail in **Section 2**.

For the purpose of this Heritage Detailed Design Report, the Corktown Station Study Area, also shown in **Figure ES-2**, includes the Corktown Station Early Works Project Footprint, plus adjacent properties to account for potential indirect impacts and properties within 11.1 metres of the Corktown Station Early Works Project Footprint to account for potential vibration impacts.

ES.3 Local Environmental Conditions

A total of 14 built heritage resources/cultural heritage landscapes are located within the Corktown Station Study Area, including 10 that were identified in the Ontario Line Cultural Heritage Report (AECOM, 2020a). Four additional built heritage resources/cultural heritage landscapes were identified during the field survey as adjacent resources to the Corktown Station Early Works Project Footprint in development of this Heritage Detailed Design Report.

Three built heritage resources/cultural heritage landscapes were determined to potentially meet Ontario Regulation 10/06 in the Corktown Station Study Area and are considered potential Provincial Heritage Properties of Provincial Significance: Gooderham & Worts Distillery National Historic Site and the proposed Distillery District Heritage Conservation District boundary (OLS-029) which includes the General Distilling

Company Building (CS-003) and the First Parliament Site, a deeply buried archaeological site (OLS-034).

Table ES-1 presents a summary of known, previously identified and potential built heritage resources/cultural heritage landscapes within the Corktown Station Study Area. Local environmental conditions are further described in **Section 3**.

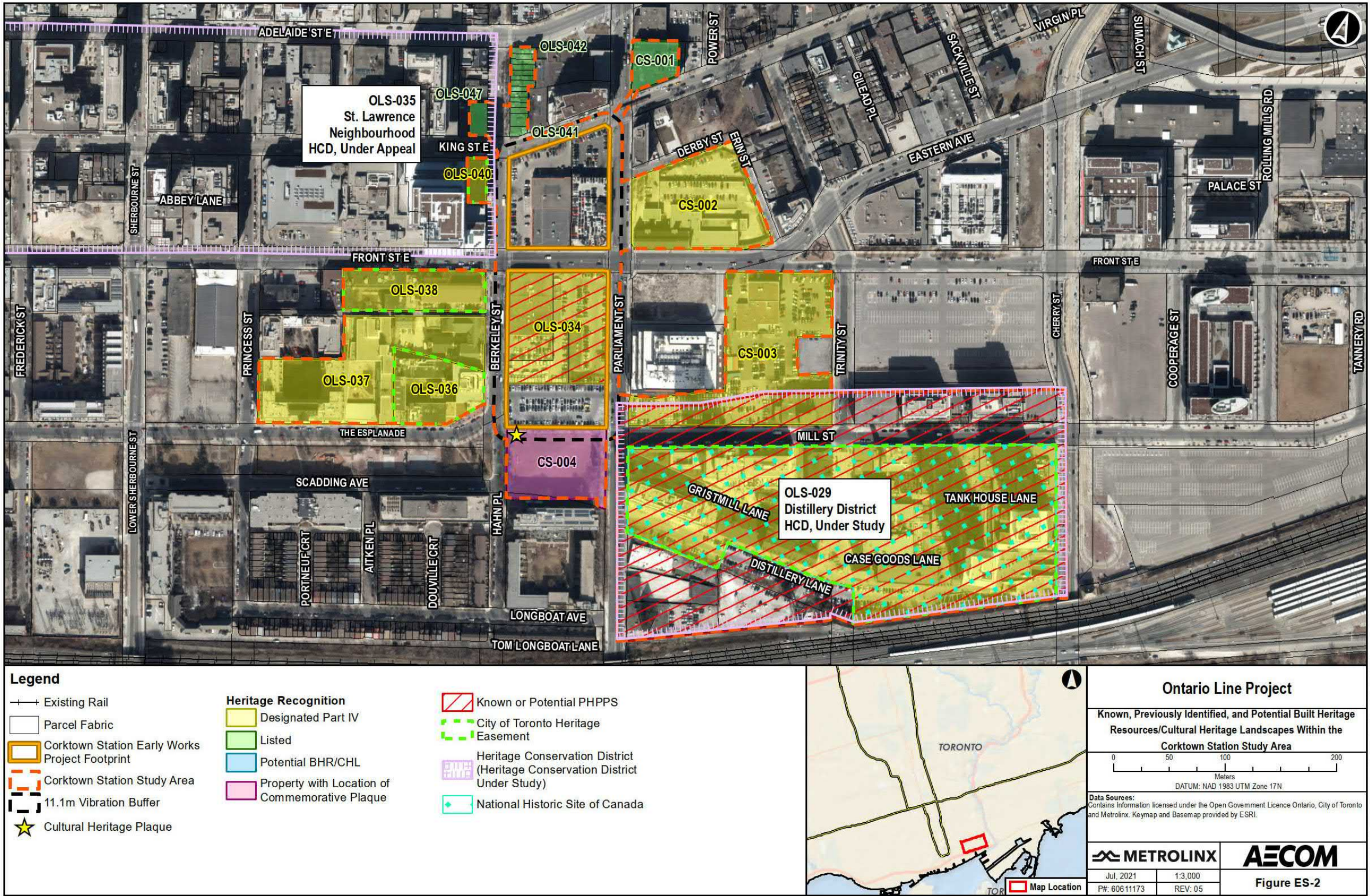
ES.4 Summary of Community Engagement

A draft of the Draft Heritage Detailed Design Report was distributed to agencies including the Ministry of Heritage, Sport, Tourism and Culture Industries and the City of Toronto for review on March 10, 2021. This Heritage Detailed Design Report has been updated based on the input/feedback received from agencies. A summary of community engagement is provided in **Section 4**.

Table ES-1: Built Heritage Resources/Cultural Heritage Landscapes Within the Corktown Station Study Area

| Cultural Heritage Report Reference # | Type of Property | Location /Address | Heritage Recognition | Known or Potential Provincial Heritage Property of Provincial Significance |
|--------------------------------------|--|---|---|--|
| OLS-029 | Cultural Heritage Landscape - National Historic Site | Gooderham & Worts Distillery National Historic Site (and Distillery District Heritage Conservation District, Under Study) | <ul style="list-style-type: none">■ Designated Part IV of the Ontario Heritage Act (By-law 154-76- designation for the complex)■ National Historic Site■ Heritage Conservation District, under study (Heritage Conservation District Study complete, Plan not available online)■ Listed on the Canadian Register■ City of Toronto Heritage Easement Agreement CA397773, CA397771, CA397781, CA397779, CA397777, CA397775, CA397783, AT228498. | Yes (includes CS-003) |
| OLS-034 | Civic | 265 and 271 Front Street East and 25 Berkeley Street | <ul style="list-style-type: none">■ Designated Part IV of the Ontario Heritage Act (By-law 091-1997) | Yes |
| OLS-035 | Cultural Heritage Landscape - Heritage Conservation District | St. Lawrence Neighbourhood Heritage Conservation District | <ul style="list-style-type: none">■ Designated Part V of the Ontario Heritage Act, St. Lawrence Neighbourhood Heritage Conservation District, under appeal (by-law 1328-2015) | No |
| OLS-036 | Residential/Former Industrial | 2 Berkeley Street and 248, 250, 252, 254, 256, 258, 260, 262, and 264 The Esplanade | <ul style="list-style-type: none">■ Designated Part IV of the Ontario Heritage Act (By-law 665-80)■ City of Toronto Heritage Easement Agreement, CT4950 | No |
| OLS-037 | Industrial | 26 Berkeley Street | <ul style="list-style-type: none">■ Designated Part IV of the Ontario Heritage Act (By-law 122-76 and 638-80)■ Heritage Toronto Plaque Location | No |
| OLS-038 | Industrial | 227 Front Street East (formerly 223 and 251 Front St. E.) | <ul style="list-style-type: none">■ Designated Part IV of the Ontario Heritage Act (By-law 592-85, 123-76, 639-80)■ City of Toronto Heritage Easement Agreement CT850259 (February 19, 1987)■ Heritage Toronto Plaque Location | No |
| OLS-040 | Residential/Former Industrial | 54 Berkeley Street, 359, 361 King Street East | <ul style="list-style-type: none">■ Designated Part IV of the Ontario Heritage Act (By-law 682-84)■ City of Toronto Heritage Easement Agreement, Reg. CT697089, (December 20, 1984)■ Designated Part V of the Ontario Heritage Act, St. Lawrence Neighbourhood Heritage Conservation District, under appeal (by-law 1328-2015)■ Heritage Toronto Plaque Location | No |
| OLS-041 | Residential/Commercial | 302-306 King Street East | <ul style="list-style-type: none">■ Listed on Municipal Heritage Register (June 20, 1973) | No |
| OLS-042 | Residential | 53-79 Berkeley Street, 535 Adelaide Street East | <ul style="list-style-type: none">■ Listed on Municipal Heritage Register (June 20, 1973)■ Heritage Toronto Plaque Location | No |
| OLS-047 | Commercial/Residential | 56 Berkeley Street, 298, 300 King Street East | <ul style="list-style-type: none">■ Listed on Municipal Heritage Register (June 20, 1973)■ Designated Part V of the Ontario Heritage Act, St. Lawrence Neighbourhood Heritage Conservation District, under appeal (by-law 1328-2015)■ Heritage Toronto Plaque Location | No |
| CS-001 | Commercial | 91-93 Parliament Street, 330-334 King Street East | <ul style="list-style-type: none">■ Listed on Municipal Heritage Register (June 25 & 28, 1984)■ Heritage Toronto Plaque Location | No |
| CS-002 | Former Industrial/Civic | 51-63 Parliament Street, 296 Front Street East | <ul style="list-style-type: none">■ Designated Part IV of the Ontario Heritage Act (By-law 9-78)■ Heritage Toronto Plaque Location | No |
| CS-003 | Industrial | 18 Trinity Street | <ul style="list-style-type: none">■ Designated Part IV of the Ontario Heritage Act (By-law 1997-0301)■ A portion of the property within the boundary of the proposed Distillery District Heritage Conservation District, under study | Yes (within OLS-029) |
| CS-004 | Cultural Heritage Commemorative Plaque | Parliament Square Park | <ul style="list-style-type: none">■ Ontario Heritage Trust Plaque | No |

Figure ES-2: Known, Previously Identified, and Potential Built Heritage Resources/Cultural Heritage Landscapes Within the Corktown Station Study Area



ES.5 Potential Impacts, Mitigation Measures and Monitoring Activities

In accordance with Sections 8(2)6, 8(2)7 and 8(2)8 of Ontario Regulation 341/20: Ontario Line Project, this Heritage Detailed Design Report describes the potential impacts, mitigation measures, and monitoring activities to verify the effectiveness of mitigation measures associated with the Corktown Station early works. This impact assessment builds upon the methodology established in the Ontario Line Cultural Heritage Report (AECOM, 2020a). Impacts associated with Project operations will be addressed as part of the Environmental Impact Assessment Report under a separate cover.

This early works impact assessment and development of mitigation measures and monitoring activities considered the following:

- a) Corktown Station early works components as described in **Section 2.1**;
- b) The Corktown Station Early Works Project Footprint and Corktown Station Study Area as described in **Section 2.2**;
- c) Corktown Station construction activities as described in **Section 2.3**; and,
- d) Local environmental conditions within the Corktown Station Study Area as described in **Section 3**.

The purpose of the impact assessment contained in this Heritage Detailed Design Report is to:

- Review the Corktown Station early works components and built heritage resources/cultural heritage landscapes as captured in the preliminary impact assessment of the Ontario Line Cultural Heritage Report (AECOM, 2020a); confirm impacts and mitigation measures, identify any changes, and, where required, refine the range of mitigation options and measures for each property based on the Corktown Station early works. If required, identify any monitoring recommendations and describe how any conditions attached to the Minister's Consent will be met; and,
- Identify potential Corktown Station early works-specific impacts to potential cultural heritage resources/cultural heritage landscapes identified in the field review for this Heritage Detailed Design Report that were not described in the Ontario Line Cultural Heritage Report (AECOM, 2020a) and recommend mitigation measures to avoid or minimize those impacts.

Section 5 includes information related to potential impacts, mitigation measures, and monitoring activities for the Corktown Station early works. Mitigation measures and monitoring activities are recommended to minimize the potential impacts during construction.

Table ES-2 presents the anticipated impacts from the Corktown Station early works, refined from the range of impacts and mitigation measures that were developed in consultation with the Ministry of Heritage, Sport, Tourism and Culture Industries for the Ontario Line Cultural Heritage Report (AECOM, 2020a) to built heritage resources/cultural heritage landscapes within the Corktown Station Study Area. The table also includes the proposed mitigation measures in order to mitigate and minimize any potential negative impacts to these resources that may result from the Corktown Station early works.

In summary, a total of one built heritage resource/cultural heritage landscape has the potential to be directly impacted by early works: OLS-034, First Parliament Site, at 265 and 271 Front Street East and 25 Berkeley Street. Specifically, the two buildings within the properties will be demolished and archaeological remains may be directly impacted. Mitigation measures and construction/post-construction monitoring activities are outlined in **Table ES-2**.

Table ES-2: Potential Impacts, Mitigation Measures and Monitoring Activities for the Corktown Station Early Works

| Ontario Line Cultural Heritage Report Reference # | Location / Address and Property Name | Heritage Recognition | Known or Potential Provincial Heritage Property of Provincial Significance | Type and Description of Potential Impact | Mitigation Measures | Monitoring Activities |
|---|---|---|--|--|--|---|
| OLS-029 | Gooderham & Worts Distillery National Historic Site (and Distillery District Heritage Conservation District, Under Study) | <ul style="list-style-type: none">Designated Part IV of the Ontario Heritage Act (By-law 154-76- designation for the complex)National Historic SiteHeritage Conservation District, Under Study (Heritage Conservation District Study is complete, Plan not available online)Listed on the Canadian RegisterCity of Toronto Heritage Easement Agreements CA397773, CA397771, CA397781, CA397779, CA397777, CA397775, CA397783, AT228498. | Yes | <p>1. No direct adverse impacts from Corktown Station early works (Impact Type 1 – no anticipated impact, from Appendix H: Preliminary Potential Project-Specific Impacts and Proposed Mitigation Measures – Ontario Line South Study Area, in the Ontario Line Cultural Heritage Report (AECOM, 2020a))</p> <p>No direct physical impacts are anticipated. The boundary of the National Historic Site, including the buildings in the northwest corner of the National Historic Site, and the proposed Heritage Conservation District boundary of OLS-029 are adjacent to the Corktown Station Early Works Project Footprint, separated by Parliament Street, and therefore, will not experience direct impacts from early works.</p> | <ul style="list-style-type: none">No mitigation measures required. Continue to avoid OLS-029, the National Historic Site and Heritage Conservation District, under study. | <ul style="list-style-type: none">Corktown Station early works will have no direct impacts to built heritage resources and cultural heritage landscapes that require monitoring prior, during or post-construction of early works. |
| OLS-029 | Gooderham & Worts Distillery National Historic Site (and Distillery District Heritage Conservation District, Under Study) | <ul style="list-style-type: none">Designated Part IV of the Ontario Heritage Act (By-law 154-76- designation for the complex)National Historic SiteHeritage Conservation District, Under Study (Heritage Conservation District Study is complete, Plan not available online)Listed on the Canadian RegisterCity of Toronto Heritage Easement Agreements CA397773, CA397771, CA397781, CA397779, CA397777, CA397775, CA397783, AT228498. | Yes | <p>2. No indirect adverse impacts from Corktown Station early works (Impact Type 1 – no anticipated impact, from Appendix H: Preliminary Potential Project-Specific Impacts and Proposed Mitigation Measures – Ontario Line South Study Area, in the Ontario Line Cultural Heritage Report (AECOM, 2020a))</p> <p>No indirect impacts due to vibration are anticipated. Contributing buildings within OLS-029 are approximately 120 metres southeast of the Corktown Station Early Works Project Footprint, beyond the 11.1 metres vibration buffer. In addition, the modern residential buildings adjacent to the Corktown Station Early Works Project Footprint within the National Historic Site are approximately 32 metres beyond the Corktown Station Early Works Project Footprint, beyond the 11.1 metres vibration buffer.</p> | <ul style="list-style-type: none">No mitigation measures required. Maintain a sufficient buffer distance of at least 11.1 metres between the early works and any buildings within the National Historic Site. | <ul style="list-style-type: none">Corktown Station early works will have no indirect impacts to built heritage resources and cultural heritage landscapes that require monitoring prior, during or post-construction of early works. |
| OLS-034 | 265 and 271 Front Street East and 25 Berkeley Street | <ul style="list-style-type: none">Designated Part IV of the Ontario Heritage Act (By-law 091-1997) | Yes | <p>1. Direct adverse impact from Corktown Station early works (Impact Type 2C from Appendix H: Preliminary Potential Project-Specific Impacts and Proposed Mitigation Measures – Ontario Line South Study Area, in the Ontario Line Cultural Heritage Report (AECOM, 2020a) – Removal/Demolition of a building or structure on the property and/or any ground disturbance that has the potential to remove or demolish deeply buried archaeological remains.)</p> <p>The Corktown Station Early Works Project Footprint which includes OLS-034 has been identified as the launch site for the tunnel excavation equipment to complete tunnels and underground station spaces for</p> | <ul style="list-style-type: none">Mitigation measures documented in Appendix H of the Ontario Line South Study Area, in the Ontario Line Cultural Heritage Report (AECOM, 2020a) have been refined based on the early works impact assessment. The following mitigation measures should be implemented regarding any physical impact to the properties:Consult with City of Toronto's Heritage Planning as planning progresses regarding any physical impact to the properties in order to determine and obtain any approval or permits required. | <ul style="list-style-type: none">Corktown Station early works will have no impacts to built heritage resources and cultural heritage landscapes that require monitoring prior, during or post-construction of early works.Refer to Ontario Line Final Corktown Station Early Works Report for further archaeological monitoring recommendations, if required. |

| Ontario Line Cultural Heritage Report Reference # | Location / Address and Property Name | Heritage Recognition | Known or Potential Provincial Heritage Property of Provincial Significance | Type and Description of Potential Impact | Mitigation Measures | Monitoring Activities |
|---|--|--|--|--|--|--|
| | | | | <p>the downtown and Don Yard segments and construction of the Corktown Station. This site will provide essential logistics support required for the Project's tunneling (see Section 1.3.3 for details). To prepare this site, demolition of existing buildings, removal of other structures and asphalt, decommissioning of utilities, and soil removal and/or remediation where required will need to be completed. Site preparation is a part of early works. These activities will enable the completion of the environmental due diligence investigations, including archaeological assessments. Completion of these early works on an expedited basis is essential to allow for the timely delivery of the overall Project.</p> <p>Direct physical impacts anticipated. OLS-034, consists of three properties and is entirely within the Corktown Station Early Works Project Footprint (Figure ES-1). Prior to reaching Impact Type 2C from the range of potential impacts in Appendix H: Ontario Line Cultural Heritage Report (AECOM, 2020a), the mitigation options presented in Appendix H, Impact Type 2A and 2B, were considered and eliminated. Demolition and removal of two buildings on the properties, including their foundations, as well as asphalt and soil removal where required, was determined to be the only option. Therefore, early works will have an direct adverse impact on OLS-034.</p> | <ul style="list-style-type: none">■ Consult with Ontario Heritage Trust as current owner of part of OLS-034 as part of the planning process and if required, obtain approval/consent■ Metrolinx was granted Minister of Heritage, Sport, Tourism and Culture Industries' Consent on March 18, 2021, with conditions for the:<ul style="list-style-type: none">– Demolition and removal of the non-heritage buildings located at 265 Front Street East; and,– Removal of the heritage attributes (i.e. archaeological excavation of the archaeological site [AjGu-41]) located on 265 Front Street East, 271 Front Street East and 25 Berkeley Street.■ Metrolinx is committed to fulfilling the conditions outlined in the Minister's Consent, including completion of archaeological requirements. | |
| OLS-035 | St. Lawrence Neighbourhood Heritage Conservation District | <ul style="list-style-type: none">■ Designated Part V of the Ontario Heritage Act (by-law 1328-2015)■ St. Lawrence Neighbourhood Heritage Conservation District, under appeal | No | <p>1. No direct adverse impacts from Corktown Station early works (Impact Type 1 – no anticipated impact, from Appendix H: Preliminary Potential Project-Specific Impacts and Proposed Mitigation Measures – Ontario Line South Study Area, in the Ontario Line Cultural Heritage Report (AECOM, 2020a))</p> <p>No direct physical impacts are anticipated. The boundary of the Heritage Conservation District is adjacent to the Corktown Station Early Works Project Footprint (Figure ES-1), separated by Berkeley Street, and therefore, will not experience direct impacts from early works.</p> | <ul style="list-style-type: none">■ No mitigation measures required. Continue to avoid OLS-035, the heritage conservation district. | <ul style="list-style-type: none">■ Corktown Station early works will have no direct impacts to contributing properties within the Heritage Conservation District that require monitoring prior, during or post-construction of early works. |
| OLS-035 | St. Lawrence Neighbourhood Heritage Conservation District. | <ul style="list-style-type: none">■ Designated Part V of the Ontario Heritage Act (by-law 1328-2015)■ St. Lawrence Neighbourhood Heritage Conservation District, under appeal | No | <p>2. No indirect adverse impacts from early works (Impact Type 1 – no anticipated impact, from Appendix H: Preliminary Potential Project-Specific Impacts and Proposed Mitigation Measures – Ontario Line South Study Area, in the Ontario Line Cultural Heritage Report (AECOM, 2020a))</p> <p>No indirect impacts due to vibration are anticipated. There are no contributing buildings within the Heritage Conservation District that are located within the 11.1 metres vibration buffer.</p> | <ul style="list-style-type: none">■ No mitigation measures required. Maintain a sufficient buffer distance of at least 11.1 metres between the early works and the contributing buildings within the Heritage Conservation District. | <ul style="list-style-type: none">■ Corktown Station early works will have no indirect impacts to built heritage resources and cultural heritage landscapes that require monitoring prior, during or post-construction of early works. |

| Ontario Line Cultural Heritage Report Reference # | Location / Address and Property Name | Heritage Recognition | Known or Potential Provincial Heritage Property of Provincial Significance | Type and Description of Potential Impact | Mitigation Measures | Monitoring Activities |
|---|--|--|--|--|--|--|
| OLS-036 | 2 Berkeley Street, and 248, 250, 252, 254, 256, 258, 260, 262, and 264 The Esplanade | <ul style="list-style-type: none">Designated Part IV of the Ontario Heritage Act (By-law 665-80)City of Toronto Heritage Easement Agreement, CT4950 | No | <p>1. No direct adverse impacts from Corktown Station early works (Impact Type 1 – no anticipated impact, from Appendix H: Preliminary Potential Project-Specific Impacts and Proposed Mitigation Measures – Ontario Line South Study Area, in the Ontario Line Cultural Heritage Report (AECOM, 2020a))</p> <p>No direct physical impacts are anticipated. OLS-036, the property, is separated from the Corktown Station Early Works Project Footprint by Berkeley Street.</p> | <ul style="list-style-type: none">No mitigation measures required. Continue to avoid OLS-036. | <ul style="list-style-type: none">Corktown Station early works will have no direct impacts to built heritage resources and cultural heritage landscapes that require monitoring prior, during or post-construction of early works. |
| OLS-036 | 2 Berkeley Street, and 248, 250, 252, 254, 256, 258, 260, 262, and 264 The Esplanade | <ul style="list-style-type: none">Designated Part IV of the Ontario Heritage Act (By-law 665-80)City of Toronto Heritage Easement Agreement, CT4950 | No | <p>2. No indirect adverse impacts from Corktown Station early works (Impact Type 1 – no anticipated impact, from Appendix H: Preliminary Potential Project-Specific Impacts and Proposed Mitigation Measures – Ontario Line South Study Area, in the Ontario Line Cultural Heritage Report (AECOM, 2020a))</p> <p>No indirect impacts due to vibration are anticipated. The nearest building within OLS-036 is approximately 17.2 metres west of the Corktown Station Early Works Project Footprint, beyond the 11.1 metres vibration buffer.</p> | <ul style="list-style-type: none">No mitigation measures required. Maintain a sufficient buffer distance of at least 11.1 metres between the early works and the building. | <ul style="list-style-type: none">Corktown Station early works will have no indirect impacts to built heritage resources and cultural heritage landscapes that require monitoring prior, during or post-construction of early works. |
| OLS-037 | 26 Berkeley Street | <ul style="list-style-type: none">Designated Part IV of the Ontario Heritage Act (By-law 122-76 and 638-80) | No | <p>1. No direct adverse impacts from Corktown Station early works (Impact Type 1 – no anticipated impact, from Appendix H: Preliminary Potential Project-Specific Impacts and Proposed Mitigation Measures – Ontario Line South Study Area, in the Ontario Line Cultural Heritage Report (AECOM, 2020a))</p> <p>No direct physical impacts are anticipated. OLS-037, the property, is separated from the Corktown Station Early Works Project Footprint by Berkeley Street.</p> | No mitigation measures required. Continue to avoid OLS-037. | <ul style="list-style-type: none">Corktown Station early works will have no direct impacts to built heritage resources and cultural heritage landscapes that require monitoring prior, during or post-construction of early works. |
| OLS-037 | 26 Berkeley Street | <ul style="list-style-type: none">Designated Part IV of the Ontario Heritage Act (By-law 122-76 and 638-80) | No | <p>2. No indirect adverse impacts from Corktown Station early works (Impact Type 1 – no anticipated impact, from Appendix H: Preliminary Potential Project-Specific Impacts and Proposed Mitigation Measures – Ontario Line South Study Area, in the Ontario Line Cultural Heritage Report (AECOM, 2020a))</p> <p>No indirect impacts due to vibration are anticipated. The building within OLS-037 is approximately 20.1 metres west of the Corktown Station Early Works Project Footprint, beyond the 11.1 metres vibration buffer.</p> | No mitigation measures required. Maintain a sufficient buffer distance of at least 11.1 metres between the early works and the building. | <ul style="list-style-type: none">Corktown Station early works will have no indirect impacts to built heritage resources and cultural heritage landscapes that require monitoring prior, during or post-construction of early works. |

| Ontario Line Cultural Heritage Report Reference # | Location / Address and Property Name | Heritage Recognition | Known or Potential Provincial Heritage Property of Provincial Significance | Type and Description of Potential Impact | Mitigation Measures | Monitoring Activities |
|---|---|--|--|--|--|--|
| OLS-038 | 227 Front Street East (formerly 223 and 251 Front St. E.) | <ul style="list-style-type: none">Designated Part IV of the Ontario Heritage Act (By-law 592-85, 123-76, 639-80)City of Toronto Heritage Easement Agreement CT850259 (February 19, 1987) | No | <p>1. No direct adverse impacts from Corktown Station early works (Impact Type 1 – no anticipated impact, from Appendix H: Preliminary Potential Project-Specific Impacts and Proposed Mitigation Measures – Ontario Line South Study Area, in the Ontario Line Cultural Heritage Report (AECOM, 2020a))</p> <p>No direct physical impacts are anticipated. OLS-038, the property, is separated from the Corktown Station Early Works Project Footprint by Berkeley Street.</p> | No mitigation measures required. Continue to avoid OLS-038. | <ul style="list-style-type: none">Corktown Station early works will have no direct impacts to built heritage resources and cultural heritage landscapes that require monitoring prior, during or post-construction of early works. |
| OLS-038 | 227 Front Street East (formerly 223 and 251 Front St. E.) | <ul style="list-style-type: none">Designated Part IV of the Ontario Heritage Act (By-law 592-85, 123-76, 639-80)City of Toronto Heritage Easement Agreement CT850259 (February 19, 1987) | No | <p>2. No indirect adverse impacts from Corktown Station early works (Impact Type 1 – no anticipated impact, from Appendix H: Preliminary Potential Project-Specific Impacts and Proposed Mitigation Measures – Ontario Line South Study Area, in the Ontario Line Cultural Heritage Report (AECOM, 2020a))</p> <p>No indirect impacts due to vibration are anticipated. The nearest building within OLS-038 is approximately 24.1 metres west of the Corktown Station Early Works Project Footprint, beyond the 11.1 metres vibration buffer.</p> | No mitigation measures required. Maintain a sufficient buffer distance of at least 11.1 metres between the early works and the building. | <ul style="list-style-type: none">Corktown Station early works will have no indirect impacts to built heritage resources and cultural heritage landscapes that require monitoring prior, during or post-construction of early works. |
| OLS-040 | 54 Berkeley Street, 359, 361 King Street East | <ul style="list-style-type: none">Designated Part IV of the Ontario Heritage Act (By-law 682-84)City of Toronto Heritage Easement Agreement, Reg. CT697089, (December 20, 1984)Designated Part V of the Ontario Heritage Act, St. Lawrence Neighbourhood Heritage Conservation District, under appeal (by-law 1328-2015) | No | <p>1. No direct adverse impacts from Corktown Station early works (Impact Type 1 – no anticipated impact, from Appendix H: Preliminary Potential Project-Specific Impacts and Proposed Mitigation Measures – Ontario Line South Study Area, in the Ontario Line Cultural Heritage Report (AECOM, 2020a))</p> <p>No direct physical impacts are anticipated. OLS-040, the property, is separated from the Corktown Station Early Works Project Footprint by Berkeley Street.</p> | No mitigation measures required. Continue to avoid OLS-040. | <ul style="list-style-type: none">Corktown Station early works will have no direct impacts to built heritage resources and cultural heritage landscapes that require monitoring prior, during or post-construction of early works. |
| OLS-040 | 54 Berkeley Street, 359, 361 King Street East | <ul style="list-style-type: none">Designated Part IV of the Ontario Heritage Act (By-law 682-84)City of Toronto Heritage Easement Agreement, Reg. CT697089, (December 20, 1984)Designated Part V of the Ontario Heritage Act, St. Lawrence Neighbourhood Heritage Conservation District, under appeal (by-law 1328-2015) | No | <p>2. No indirect adverse impacts from Corktown Station early works (Impact Type 1 – no anticipated impact, from Appendix H: Preliminary Potential Project-Specific Impacts and Proposed Mitigation Measures – Ontario Line South Study Area, in the Ontario Line Cultural Heritage Report (AECOM, 2020a))</p> <p>No indirect impacts due to vibration are anticipated. The building within OLS-040 is approximately 23.4 metres west of the Corktown Station Early Works Project Footprint, beyond the 11.1 metres vibration buffer.</p> | No mitigation measures required. Maintain a sufficient buffer distance of at least 11.1 metres between the early works and the building. | <ul style="list-style-type: none">Corktown Station early works will have no indirect impacts to built heritage resources and cultural heritage landscapes that require monitoring prior, during or post-construction of early works. |

| Ontario Line Cultural Heritage Report Reference # | Location / Address and Property Name | Heritage Recognition | Known or Potential Provincial Heritage Property of Provincial Significance | Type and Description of Potential Impact | Mitigation Measures | Monitoring Activities |
|---|---|---|--|--|--|--|
| OLS-041 | 302-306 King Street East | ▪ Listed on Municipal Heritage Register (June 20, 1973) | No | 1. No direct adverse impacts from Corktown Station early works (Impact Type 1 – no anticipated impact, from Appendix H: Preliminary Potential Project-Specific Impacts and Proposed Mitigation Measures – Ontario Line South Study Area, in the Ontario Line Cultural Heritage Report (AECOM, 2020a)) No direct physical impacts are anticipated. OLS-041, the property, is separated from the Corktown Station Early Works Project Footprint by Berkeley Street and King Street East. | No mitigation measures required. Continue to avoid OLS-041. | ▪ Corktown Station early works will have no direct impacts to built heritage resources and cultural heritage landscapes that require monitoring prior, during or post-construction of early works. |
| OLS-041 | 302-306 King Street East | ▪ Listed on Municipal Heritage Register (June 20, 1973) | No | 2. No indirect adverse impacts from Corktown Station early works (Impact Type 1 – no anticipated impact, from Appendix H: Preliminary Potential Project-Specific Impacts and Proposed Mitigation Measures – Ontario Line South Study Area, in the Ontario Line Cultural Heritage Report (AECOM, 2020a)) No indirect impacts due to vibration are anticipated. The buildings within OLS-041 is approximately 16.9 metres north of the Corktown Station Early Works Project Footprint, beyond the 11.1 metres vibration buffer. | No mitigation measures required. Maintain a sufficient buffer distance of at least 11.1 metres between the early works and the building. | ▪ Corktown Station early works will have no indirect impacts to built heritage resources and cultural heritage landscapes that require monitoring prior, during or post-construction of early works. |
| OLS-042 | 53-79 Berkeley Street, 535 Adelaide Street East | ▪ Listed on Municipal Heritage Register (June 20, 1973) | No | 1. No direct adverse impacts from Corktown Station early works (Impact Type 1 – no anticipated impact, from Appendix H: Preliminary Potential Project-Specific Impacts and Proposed Mitigation Measures – Ontario Line South Study Area, in the Ontario Line Cultural Heritage Report (AECOM, 2020a)) No direct physical impacts are anticipated. OLS-042, the property, is separated from the Corktown Station Early Works Project Footprint by King Street East. | No mitigation measures required. Continue to avoid OLS-042. | ▪ Corktown Station early works will have no direct impacts to built heritage resources and cultural heritage landscapes that require monitoring prior, during or post-construction of early works. |
| OLS-042 | 53-79 Berkeley Street, 535 Adelaide Street East | ▪ Listed on Municipal Heritage Register (June 20, 1973) | No | 2. No indirect adverse impacts from Corktown Station early works (Impact Type 1 – no anticipated impact, from Appendix H: Preliminary Potential Project-Specific Impacts and Proposed Mitigation Measures – Ontario Line South Study Area, in the Ontario Line Cultural Heritage Report (AECOM, 2020a)) No indirect impacts due to vibration are anticipated. The building within OLS-042 is approximately 26.5 metres north of the Corktown Station Early Works Project Footprint, beyond the 11.1 metres vibration buffer. | No mitigation measures required. Maintain a sufficient buffer distance of at least 11.1 metres between the early works and the building. | ▪ Corktown Station early works will have no indirect impacts to built heritage resources and cultural heritage landscapes that require monitoring prior, during or post-construction of early works. |

| Ontario Line Cultural Heritage Report Reference # | Location / Address and Property Name | Heritage Recognition | Known or Potential Provincial Heritage Property of Provincial Significance | Type and Description of Potential Impact | Mitigation Measures | Monitoring Activities |
|---|---|--|--|---|--|--|
| OLS-047 | 56 Berkeley Street, 298, 300 King Street East | <ul style="list-style-type: none">Listed on Municipal Heritage Register (June 20, 1973)Designated Part V of the Ontario Heritage Act, St. Lawrence Neighbourhood Heritage Conservation District, under appeal (by-law 1328-2015) | No | 1. No direct adverse impacts from Corktown Station early works (Impact Type 1 – no anticipated impact, from Appendix H: Preliminary Potential Project-Specific Impacts and Proposed Mitigation Measures – Ontario Line South Study Area, in the Ontario Line Cultural Heritage Report (AECOM, 2020a)) No direct physical impacts are anticipated. OLS-047, the property, is separated from the Corktown Station Early Works Project Footprint by Berkeley Street. | No mitigation measures required. Continue to avoid OLS-047. | <ul style="list-style-type: none">Corktown Station early works will have no direct impacts to built heritage resources and cultural heritage landscapes that require monitoring prior, during or post-construction of early works. |
| OLS-047 | 56 Berkeley Street, 298, 300 King Street East | <ul style="list-style-type: none">Listed on Municipal Heritage Register (June 20, 1973)Designated Part V of the Ontario Heritage Act, St. Lawrence Neighbourhood Heritage Conservation District, under appeal, (by-law 1328-2015) | No | 2. No indirect adverse impacts from Corktown Station early works (Impact Type 1 – no anticipated impact, from Appendix H: Preliminary Potential Project-Specific Impacts and Proposed Mitigation Measures – Ontario Line South Study Area, in the Ontario Line Cultural Heritage Report (AECOM, 2020a)) No indirect impacts due to vibration are anticipated. The nearest building within OLS-047 is approximately 31.2 metres northwest of the Corktown Station Early Works Project Footprint, beyond the 11.1 metres vibration buffer. | No mitigation measures required. Maintain a sufficient buffer distance of at least 11.1 metres between the early works and the building. | <ul style="list-style-type: none">Corktown Station early works will have no indirect impacts to built heritage resources and cultural heritage landscapes that require monitoring prior, during or post-construction of early works. |
| CS-001 | 91-93 Parliament Street, 330-334 King Street East | <ul style="list-style-type: none">Listed on Municipal Heritage Register (June 25 & 28, 1984) | No | 1. No direct adverse impacts from early works No direct physical impacts are anticipated. CS-001, the property, is separated from the Corktown Station Early Works Project Footprint by King Street East. | No mitigation measures required. Continue to avoid CS-001. | <ul style="list-style-type: none">Corktown Station early works will have no indirect impacts to built heritage resources and cultural heritage landscapes that require monitoring prior, during or post-construction of early works. |
| CS-001 | 91-93 Parliament Street, 330-334 King Street East | <ul style="list-style-type: none">Listed on Municipal Heritage Register (June 25 & 28, 1984) | No | 2. No indirect adverse impacts from early works No indirect impacts due to vibration are anticipated. The building at CS-001 is approximately 40.2 metres northeast of the Corktown Station Early Works Project Footprint, beyond the 11.1 metres vibration buffer. | No mitigation measures required. Maintain a sufficient buffer distance of at least 11.1 metres between the early works and the building. | <ul style="list-style-type: none">Corktown Station early works will have no indirect impacts to built heritage resources and cultural heritage landscapes that require monitoring prior, during or post-construction of early works. |
| CS-002 | 51-63 Parliament Street, 296 Front Street East | <ul style="list-style-type: none">Designated Part IV of the Ontario Heritage Act (By-law 9-78) | No | 1. No direct adverse impacts from early works No direct physical impacts are anticipated. CS-002, the property, is separated from the Corktown Station Early Works Project Footprint by Parliament Street. | No mitigation measures required. Continue to avoid CS-002. | <ul style="list-style-type: none">Corktown Station early works will have no indirect impacts to built heritage resources and cultural heritage landscapes that require monitoring prior, during or post-construction of early works. |
| CS-002 | 51-63 Parliament Street, 296 Front Street East | <ul style="list-style-type: none">Designated Part IV of the Ontario Heritage Act (By-law 9-78) | No | 2. No indirect adverse impacts from early works No indirect impacts due to vibration are anticipated. The building at CS-002 is approximately 26.6 metres east of the Corktown Station Early Works Project Footprint, beyond the 11.1 meters vibration buffer. | No mitigation measures required. Maintain a sufficient buffer distance of at least 11.1 metres | <ul style="list-style-type: none">Corktown Station early works will have no indirect impacts to built heritage resources and cultural heritage landscapes that require monitoring prior, during or post-construction of early works. |
| CS-003 | 18 Trinity Street | <ul style="list-style-type: none">Designated Part IV of the Ontario Heritage Act (By-law 1997-0301) | Yes (within OLS-029) | 1. No direct adverse impacts from early works No direct physical impacts are anticipated. CS-003, the property, and the proposed Distillery District Heritage Conservation District boundary, is separated from the Corktown Station Early Works Project Footprint by Parliament Street. | No mitigation measures required. Continue to avoid CS-003. | <ul style="list-style-type: none">Corktown Station early works will have no indirect impacts to built heritage resources and cultural heritage landscapes that require monitoring prior, during or post-construction of early works. |

| Ontario Line Cultural Heritage Report Reference # | Location / Address and Property Name | Heritage Recognition | Known or Potential Provincial Heritage Property of Provincial Significance | Type and Description of Potential Impact | Mitigation Measures | Monitoring Activities |
|---|--------------------------------------|---|--|---|--|--|
| CS-003 | 18 Trinity Street | ■ Designated Part IV of the Ontario Heritage Act (By-law 1997-0301) | Yes (within OLS-029) | 2. No indirect adverse impacts from early works No indirect impacts due to vibration are anticipated. The building within CS-003 is approximately 159.3 metres east of the Corktown Station Early Works Project Footprint, beyond the 11.1 meters vibration buffer. | No mitigation measures required. Maintain a sufficient buffer distance of at least 11.1 metres between the early works and the building. | ■ Corktown Station early works will have no indirect impacts to built heritage resources and cultural heritage landscapes that require monitoring prior, during or post-construction of early works. |
| CS-004 | Parliament Square Park | ■ Ontario Heritage Trust Plaque | No | 1. No direct adverse impacts from Corktown Station early works No direct physical impacts are anticipated. This commemorative plaque is located south of Corktown Station Early Works Project Footprint. | No mitigation measures required. Continue to avoid CS-004. | ■ Corktown Station early works will have no indirect impacts to built heritage resources and cultural heritage landscapes that require monitoring prior, during or post-construction of early works. |
| CS-004 | Parliament Square Park | ■ Ontario Heritage Trust Plaque | No | 2. No indirect adverse impact from Corktown Station early works Impacts due to vibration on CS-004 are not applicable. This resource is a commemorative plaque and does not contain buildings or structures that would be subject to vibration impacts. | No mitigation measures required. | ■ Corktown Station early works will have no indirect impacts to built heritage resources and cultural heritage landscapes that require monitoring prior, during or post-construction of early works. |

ES.6 Permits and Approvals

Section 7 notes that the following permits may be required for the Corktown Station early works construction activities.

Federal

Corktown Station early works will not directly or indirectly impact a National Historic Site or federal heritage building. Therefore, no Parks Canada permits/approvals are required.

Provincial

Corktown Station early works will directly impact a potential Provincial Heritage Property of Provincial Significance located at 265 and 271 Front Street East and 25 Berkeley Street (OLS-034).

As a prescribed public body, Metrolinx has obligations under the Standards and Guidelines for Conservation of Provincial Heritage Properties (prepared under Section 25.2 of the Ontario Heritage Act) to identify, protect, maintain and use provincial heritage properties in a manner that conserves the cultural heritage value or interest of the property. For known or potential Provincial Heritage Properties of Provincial Significance, the Standards and Guidelines require that consent of the Minister of Heritage, Sport, Tourism and Culture Industries be obtained “before removing or demolishing buildings or structures on the property, or before transferring the property from provincial control” (prepared under Section 25.2 of the Ontario Heritage Act).

Metrolinx has sought consent of the Minister of Heritage, Sport, Tourism, and Culture Industries (the Minister) for the First Parliament Site (OLS-034), and consent has been granted by the Minister. Metrolinx is committed to fulfilling all conditions outlined through the Minister’s Consent for the First Parliament Site (OLS-034).

Municipal

Based on the location of the Corktown Station early works components shown in **Figure 1-1**, Corktown Station early works will result in a direct impact to one built heritage resource/cultural heritage landscape – 265 and 271 Front Street East and 25 Berkeley Street (OLS-034), designated under Part IV of the Ontario Heritage Act. Consultation between Metrolinx and the City of Toronto Heritage Planning is ongoing regarding physical impacts to these properties as a result of the Corktown Station early works. Metrolinx will ensure any concerns of the City of Toronto Heritage Planning are resolved prior to demolition.

As a Crown Agency of the Province of Ontario (as a public body prescribed under Ontario Regulation 157/10), Metrolinx is exempt from certain municipal processes and requirements. In these instances, Metrolinx will engage with the municipalities to incorporate municipal requirements as a best practice, where practical, and may obtain associated permits and approvals.

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Appendices

Appendix A. Key Personnel and Qualifications

1. Introduction

1.1 Purpose of the Ontario Line Early Works

The Ontario Line Project (the Project) is being assessed in accordance with Ontario Regulation 341/20: Ontario Line Project under the Environmental Assessment Act. Ontario Regulation 341/20: Ontario Line Project outlines a Project-specific environmental assessment process that includes an Environmental Conditions Report, Environmental Impact Assessment Report, and an opportunity for Early Works Report(s) for assessment of works that are ready to proceed in advance of the Environmental Impact Assessment Report. The Environmental Conditions Report documents the local environmental conditions of the Ontario Line Study Area and provides a preliminary description of the potential environmental impacts from the Project. Information outlined in the Environmental Conditions Report is used to inform the Early Works Report(s) and Environmental Impact Assessment Report, which study environmental impacts in further detail and confirm and refine preliminary mitigation measures identified in the Environmental Conditions Report.

The Ontario Line early works are components of the Project that are proposed to proceed before the completion of the Ontario Line environmental impact assessment process. An overview of the Project is provided in **Section 1.2**. Early works are defined in Ontario Regulation 341/20: Ontario Line Project under the Environmental Assessment Act as follows:

“any components of the Ontario Line Project that Metrolinx proposes to proceed with before the completion of the Ontario Line assessment process, such as station construction, rail corridor expansion, utility relocation or bridge replacement or expansion.”

Corktown Station early works are considered to be of strategic importance in enabling the timely implementation of the Project. The Corktown Station early works site has been identified as the launch site for the tunnel excavation equipment to complete tunnels and underground station spaces for the downtown and Don Yard segments and construction of the Corktown Station. The First Parliament site is located within the Corktown Station early works site and is a known archaeological site which requires additional archaeological studies ahead of any ground disturbance activities. The Corktown Station early works site will provide essential logistics support required for the Project’s tunneling. To prepare this site, demolition of existing buildings and structures followed by completion of necessary archaeological studies is required. Completion of this preparatory work on an expedited basis is essential to allow for the timely delivery of the overall Project.

Corktown Station early works are described in detail in **Section 2**.

1.1.1 Purpose of this Heritage Detailed Design Report

AECOM Canada Limited (AECOM) was retained by Metrolinx and Infrastructure Ontario to complete the Ontario Line Corktown Station Early Works Report for the Project. This Heritage Detailed Design Report supports the Ontario Line Corktown Station Early Works Report and has been prepared for the Project to document the assessment of Corktown Station early works (**Figure 1-1**). This Heritage Detailed Design Report builds on the *Ontario Line Cultural Heritage Report: Existing Conditions and Preliminary Impact Assessment* (hereafter the ‘Ontario Line Cultural Heritage Report’; AECOM, 2020a) that documents and describes known and potential built heritage resources and cultural heritage landscapes within the Ontario Line Study Area. The purpose of the Heritage Detailed Design Report is to confirm impacts as described in the Ontario Line Cultural Heritage Report (or identify those not anticipated or described in the Ontario Line Cultural Heritage Report) and mitigation measures, identify any changes, refine the range of mitigation options and measures for each property based on the Corktown Station early works where applicable, and, where required, describe how any conditions attached to the Minister’s Consent, obtained by Metrolinx, related to impacts the First Parliament Site (OLS-034) will be met, based on early works. The early works components and construction activities are described in **Section 2**.

For the purpose of this Heritage Detailed Design Report, ‘project components’ and ‘project activities’ as defined in the Ontario Line Cultural Heritage Report (AECOM, 2020a) are referred to as ‘early works components’ and ‘construction activities’ respectively.

The key tasks of this Heritage Detailed Design Report are to:

- Review the existing baseline conditions of known, previously identified and potential built heritage resources/cultural heritage landscapes within the Corktown Station Study Area as documented in the Ontario Line Cultural Heritage Report (AECOM, 2020a) (where the Corktown Station Study Area includes the Corktown Station Early Works Project Footprint, plus adjacent properties to account for potential indirect impacts and properties within 11.1 metres of the Corktown Station Early Works Project Footprint to account for potential vibration impacts)³;
- Conduct a field review within the Corktown Station Study Area to confirm the presence and/or changes to any known and previously identified built heritage resources/cultural heritage landscapes that were documented in the Ontario

3. The 250 metre buffer from the Ontario Line Cultural Heritage Report was refined using analysis from the Ontario Line Corktown Station Early Works – Noise and Vibration Report (AECOM, 2021). The refined buffer was calculated based on the Project-specific anticipated impacts of early works using a conservative approach (where construction equipment was assumed to operate at the edge of the Corktown Station Early Works Project Footprint, closest to nearby buildings/structures) and accounts for potential vibration impacts to buildings extremely susceptible to vibration damage (including heritage buildings and their foundations). The resulting buffer is 11.1 metres from the Corktown Station Early Works Project Footprint.

Line Cultural Heritage Report (AECOM, 2020a), and to identify potential built heritage resources/cultural heritage landscapes that were not identified in the Ontario Line Cultural Heritage Report (AECOM, 2020a);

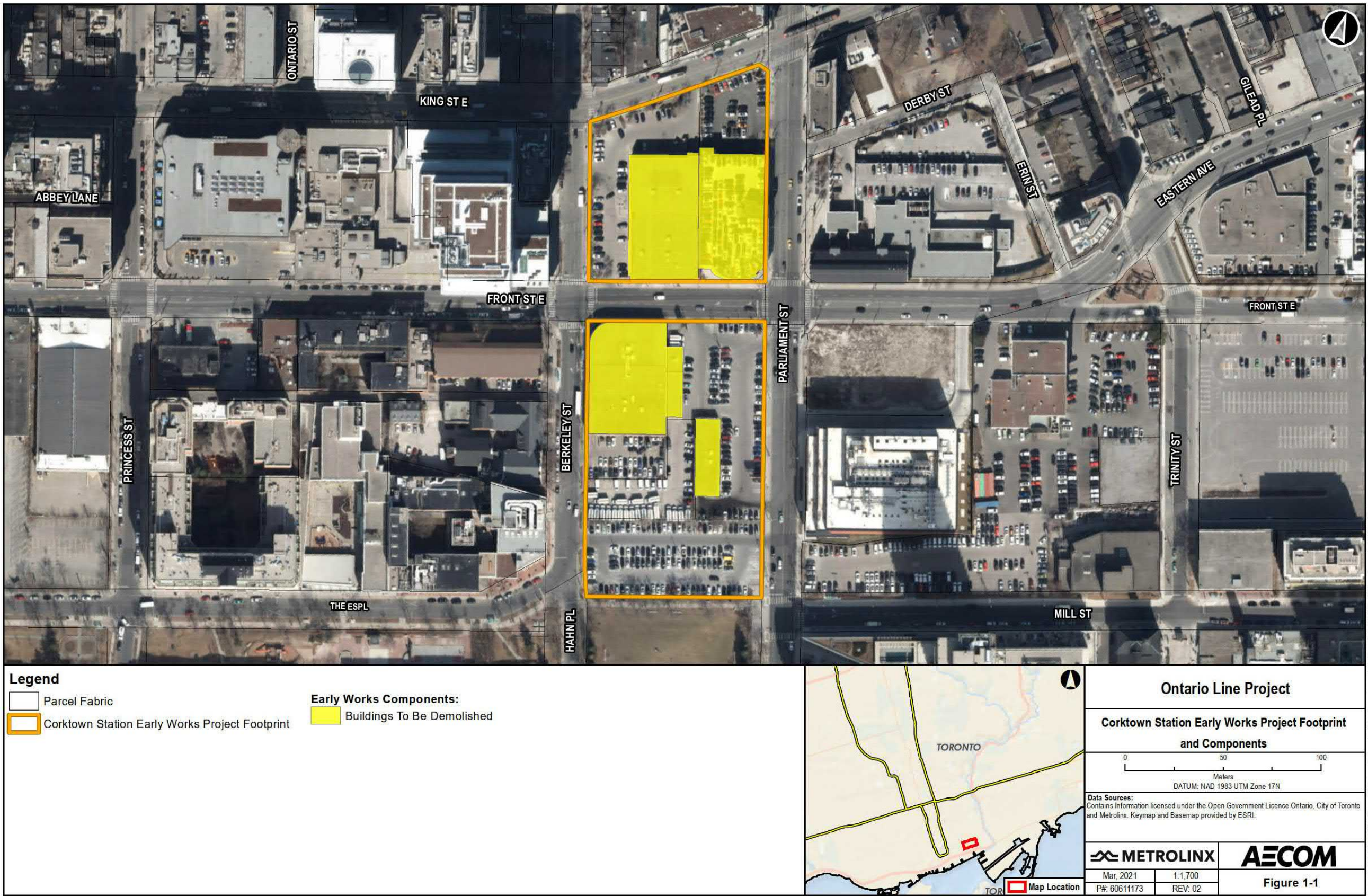
- Review the early works components and built heritage resources/cultural heritage landscapes as captured in the preliminary impact assessment of the Ontario Line Cultural Heritage Report (AECOM, 2020a); confirm impacts and mitigation measures, identify any changes, and, where required, refine the range of mitigation options and measures for each property based on the Corktown Station early works. If required, identify any monitoring recommendations and describe how any conditions attached to the Minister's Consent, obtained by Metrolinx, for the First Parliament Site (OLS-034) will be met;
- Assess potential early works-specific impacts to potential cultural heritage resources/cultural heritage landscapes identified in the field review for this Heritage Detailed Design Report that were not described in the Ontario Line Cultural Heritage Report (AECOM, 2020a) and recommend mitigation measures to avoid or minimize those impacts;
- Identify any required permits and approvals (i.e., federal, provincial, municipal, other); and,
- Apply any input/feedback applicable to this Heritage Detailed Design Report that was received from interested parties during the Ontario Line Draft Cultural Heritage Report public review period (September 17, 2020 to October 17, 2020).

This Heritage Detailed Design Report has been prepared in accordance with Ontario Regulation 341/20: Ontario Line Project and contains the information outlined in **Table 1-1**.

Table 1-1: Report Contents in Accordance with Ontario Regulation 341/20: Ontario Line Project

| Reg. Section | Requirement | Report Section |
|---------------------|--|-----------------------|
| Section 8(2)2 | The rationale for proceeding with the early works. | Section 1.1 |
| Section 8(2)4 | A description of the local environmental conditions at the site of the early works. | Section 3 |
| Section 8(2)6 | Metrolinx's assessment and evaluation of the impacts that the preferred method of carrying out the early works and other methods might have on the environment, and Metrolinx's criteria for assessment and evaluation of those impacts. | Section 5 |
| Section 8(2)7 | A description of any measures proposed by Metrolinx for mitigating any negative impacts that the preferred method of carrying out the early works might have on the environment. | Section 5 |
| Section 8(2)8 | A description of the means Metrolinx proposes to use to monitor or verify the effectiveness of mitigation measures proposed. | Section 5 |
| Section 8(2)9 | A description of any municipal, provincial, federal or other approvals or permits that may be required for the early works. | Section 7 |

Figure 1-1: Corktown Station Early Works Project Footprint and Components



1.2 Ontario Line Project Overview

Metrolinx, an agency of the Province of Ontario, is proceeding with the planning and development of the Ontario Line, extending from Exhibition/Ontario Place to the Ontario Science Centre in the City of Toronto.

The Project is a new approximately 15.6 kilometre subway line with connections to Line 1 (Yonge-University) subway service at Osgoode and Queen Stations, Line 2 (Bloor-Danforth) subway service at Pape Station, and Line 5 (Eglinton Crosstown) light rail transit service at the future Science Centre Station. Fifteen stations are proposed, with additional connections to three GO Transit lines (Lakeshore East, Lakeshore West and Stouffville), and the Queen, King, Bathurst, Spadina, Harbourfront, and Gerrard/Carlton streetcar routes. The Project will reduce crowding on Line 1 and provide connections to new high-order rapid transit neighbourhoods. The Project will be constructed in a dedicated right-of-way with a combination of elevated (i.e., above existing rail corridor), tunnelled (i.e., underground), and at-grade (i.e., at grade with existing rail corridor) segments at various locations.

2. Early Works Description

2.1 Project Description

The Corktown Station early works include demolition of existing buildings, removal of other structures and asphalt where required, decommissioning of utilities, and soil removal and/or remediation where required. These activities will enable the completion of environmental due diligence investigations, including archaeological assessments. These activities will occur on properties within the Corktown Station Early Works Project footprint, as shown in **Figure 1-1**.

2.2 Early Works Project Footprint and Study Area

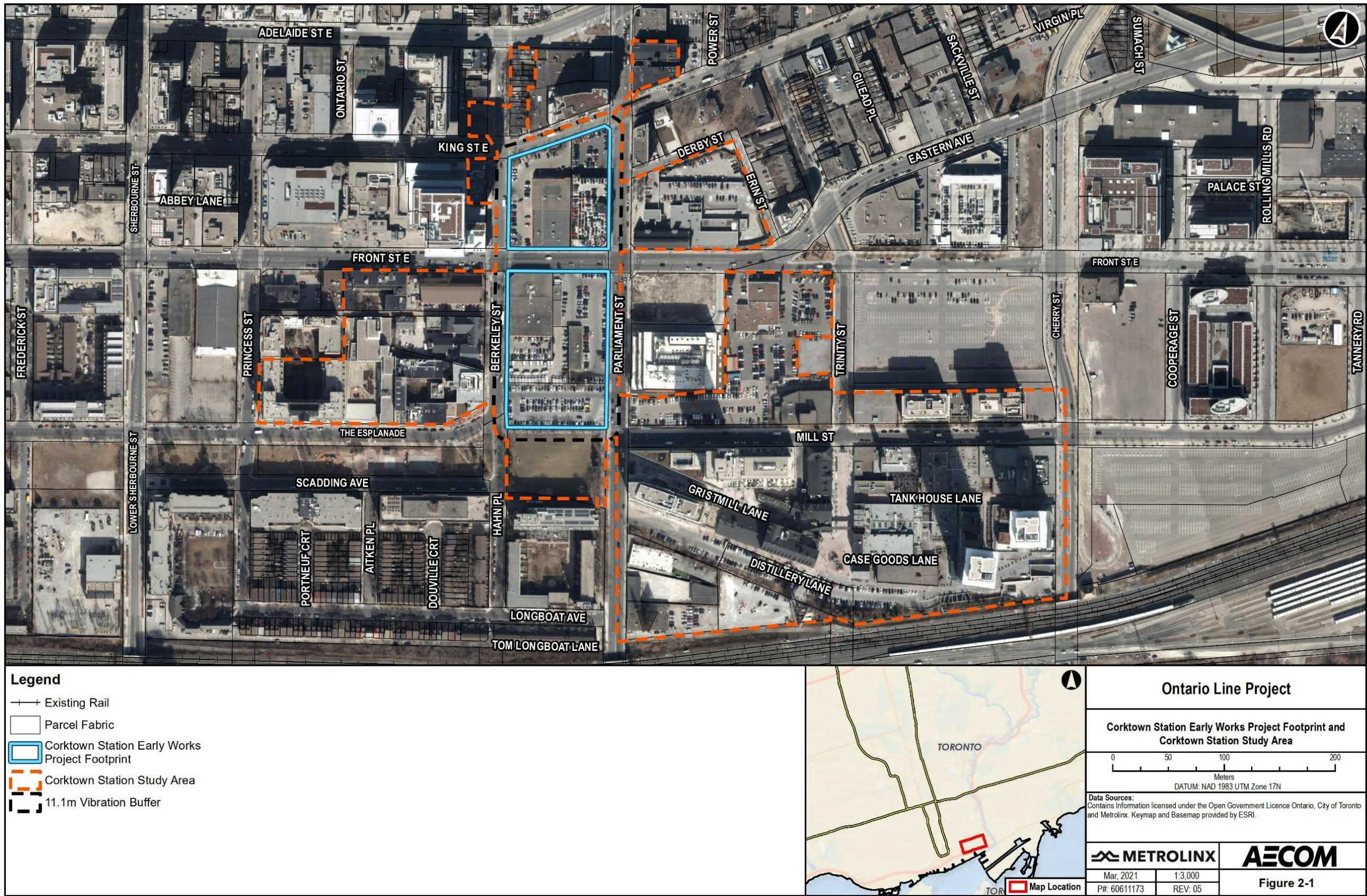
The Corktown Station Early Works Project Footprint, shown in **Figure 2-1**, is defined as the area of direct disturbance associated with the early works activities. The site is bound by King Street East to the north, Parliament Street to the East, Berkeley Street to the West and Parliament Square Park to the south.

For the purpose of this Heritage Detailed Design Report, the Corktown Station Study Area, also shown in **Figure 2-1**, includes the Corktown Station Early Works Project Footprint, plus adjacent properties to account for potential indirect impacts and properties within 11.1 metres of the Corktown Station Early Works Project Footprint to account for potential vibration impacts.

The definition of “adjacency” in the City of Toronto Official Plan has been used for the purpose of identifying properties adjacent to the Corktown Station Early Works Project Footprint. The following definition is included in Section 3.1.5 (Heritage Conservation) of the City of Toronto’s Official Plan:

Adjacent: means those lands adjoining a property of the heritage register or lands that are directly across from and near to a property on the heritage register and separated by land used as a private or public road, highway, street, lane, trail, right-of-way, walkway, green space, park and/or easement, or an intersection of any of these; whose location has the potential to have an impact on a property on the heritage register; or as otherwise defined in a Heritage Conservation District Plan adopted by by-law.

Figure 2-1: Corktown Station Early Works Project Footprint and Corktown Station Study Area



The 250 metre vibration buffer from the Ontario Line Cultural Heritage Report was refined using analysis from the Ontario Line Corktown Station Early Works – Noise and Vibration Report (AECOM, 2021). The refined buffer was calculated based on the Project-specific anticipated impacts of early works using a conservative approach (where construction equipment was assumed to operate at the edge of the project footprint, closest to nearby buildings/structures) and accounts for potential vibration impacts to buildings extremely susceptible to vibration damage (including heritage buildings and their foundations). The resulting buffer is 11.1 metres from the Corktown Station Early Works Project Footprint.

The Corktown Station Study Area assessed in this Heritage Detailed Design Report is specific to the built heritage resources and cultural heritage landscapes impact assessment. The study areas for other environmental disciplines are outlined in the Ontario Line Corktown Station Early Works Report.

2.3 Construction Activities

Table 2-1 provides a description of the anticipated construction activities for the Corktown Station early works. These typical activities serve as the basis for the assessment of construction-related potential environmental effects. These activities may be expanded, further refined, or found to be unnecessary as early works planning progresses.

Table 2-1: Anticipated Construction Activities for the Ontario Line Corktown Station Early Works

| Anticipated Construction Activity | Description | Associated Equipment |
|---|--|--|
| Site Preparation | <ul style="list-style-type: none"> ■ Mobilization of equipment and temporary facilities to the site. ■ Clearing and grubbing of vegetation, tree removal and protection. ■ Erection of temporary fences. ■ Installation of environmental management features (e.g., erosion and sediment controls). ■ Dewatering works. ■ Demobilization. ■ Temporary signs. ■ Locates and surveys. ■ Notices. ■ Site specific documents (safety, approvals, permit etc.). | <ul style="list-style-type: none"> ■ Site compaction equipment and grading equipment. ■ Vegetation removal equipment. ■ Excavation equipment. ■ Haulage/dump trucks. ■ Dewatering equipment (pumps etc.). ■ Hand tools. ■ Surveying equipment. ■ Flatbed truck. ■ Forklift. |
| Site Servicing/ Removals/ Demolition | <ul style="list-style-type: none"> ■ Decommissioning, relocation and/or extension of services and utilities on the site, which may include both underground and aerial services and utilities (e.g., sewers, water, electrical, communications, gas). This may also involve installation of utilities within the site. ■ Removal of paved driveways, parking areas, and sub-surface foundations and footings. ■ Demolition and removal of buildings. ■ Removal/remediation of contaminated soil. | <ul style="list-style-type: none"> ■ Excavation/demolition equipment including backhoe, dump trucks, spoils removal equipment, jackhammers. ■ Hand tools. ■ Mobile crane. ■ Flatbed trucks. ■ Boom truck. |
| Excavating and Grading | <ul style="list-style-type: none"> ■ Excavation and grading activities may involve earth-moving activities and stockpiling, as applicable. Excavated material will be accommodated on-site on the degree practicable; however, where necessary, surplus material will be disposed of off-site to an approved facility. | <ul style="list-style-type: none"> ■ Site compaction equipment and general grading equipment, dump trucks, soil removal equipment. ■ Groundwater pumping equipment. ■ Excavation equipment including backhoe, dump trucks, soil removal equipment, and jack hammers. |

| Anticipated Construction Activity | Description | Associated Equipment |
|-----------------------------------|--|---|
| | <ul style="list-style-type: none"> Any off-site disposal shall be done in compliance with applicable regulations, including as it relates to contaminated material that may be encountered. Any groundwater encountered will be managed and disposed of in accordance with applicable regulations. | |
| Temporary Road Closures | <ul style="list-style-type: none"> All road closures will follow standard traffic control management guidelines. | <ul style="list-style-type: none"> Temporary traffic control devices such as signs, signals, barriers, traffic barrels, plate tampers. |
| Management of Stormwater | <ul style="list-style-type: none"> All precipitation falling within the site will be managed as stormwater within a designed system of collection, conveyance, retention and discharge features, as required. The system will be designed and operated in compliance with applicable standards and regulatory requirements. Surface flows within the site will be managed within the site to ensure discharge to off-site receivers (i.e., municipal storm sewers) is appropriate in terms of water quantity and quality. | <ul style="list-style-type: none"> Site compaction equipment and general grading equipment. Groundwater pumping. |

3. Local Environmental Conditions

The assessment of existing conditions in this Heritage Detailed Design Report is based on the results of the Ontario Line Cultural Heritage Report (AECOM, 2020a) prepared to support the Ontario Line Final Environmental Conditions Report (AECOM, 2020b). Excerpts from the Ontario Line Cultural Heritage Report, as they relate to the Corktown Station early works, have been reproduced for this Heritage Detailed Design Report.

3.1 Background Information Review

Background information and documentation relevant to the Corktown Station Study Area is contained within the Ontario Line Final Environmental Conditions Report (AECOM, 2020b)⁴ prepared for the Project and was reviewed prior to commencing the assessment of built heritage resources and cultural heritage landscapes contained in this Heritage Detailed Design Report.

The Ontario Line Cultural Heritage Report (AECOM, 2020a) was used as a primary source of background information for the following:

- Existing cultural heritage conditions within the Corktown Station Study Area, including a historical summary of the development of neighbourhoods, and provide the locations of known, previously identified and potential built heritage resources/cultural heritage landscapes within the Corktown Station Study Area.

3.2 Field Review

Following the background information review, utilizing the 40-year-old threshold⁵, Criteria for Evaluating Potential for built heritage resources and cultural heritage landscapes, a Checklist for the Non-Specialist (Ministry of Heritage, Sport, Tourism and Culture Industries, 2016), and professional judgement, a field review was conducted to

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4. The Ontario Line Final Environmental Conditions Report (AECOM, 2020b) was published on November 30, 2020 in accordance with Ontario Regulation 341/20: Ontario Line Project.
 5. The 40-year-old threshold may be used as an indicator that a property may be of cultural heritage value or interest. While identification of a built heritage resources/cultural heritage landscapes that is 40 years old or older does not confer outright heritage significance, the 40-year-old threshold provides a means to collect information about resources that may retain cultural heritage value or interest. Similarly, if a built heritage resource/cultural heritage landscape is less than 40 years old, this does not preclude the resource from retaining cultural heritage value or interest.

document the existing conditions of the properties within the Corktown Station Study Area in order to confirm the presence and/or changes to any known and previously identified built heritage resources/cultural heritage landscapes that were documented in the Ontario Line Cultural Heritage Report (AECOM, 2020a), and to identify potential built heritage resources/cultural heritage landscapes and interpretative and commemorative features such as plaques, that were not identified in the Ontario Line Cultural Heritage Report (AECOM, 2020a). The field review for the Corktown Station early works was conducted on February 25, 2021, from public rights-of-way. The investigation was conducted by Liam Smythe, Cultural Heritage Specialist, with the results reviewed by Tara Jenkins, Cultural Heritage Specialist, both with AECOM. Full property descriptions of the inventory of built heritage resources/cultural heritage landscapes within the Corktown Station Study Area are found in **Section 3** of this Heritage Detailed Design Report. Corktown Station Study Area overview photographs of the field review are provided in **Images 1-6** below and are mapped on **Figure 3-1**.

3.3 Current Land Use in the Corktown Station Study Area

The Corktown Station Study Area is located within the St. Lawrence and Corktown neighbourhoods and is a mixed-use commercial and residential area to the east of Toronto's downtown core. Land uses within the Corktown Station Study Area consist primarily of large contemporary commercial buildings and automotive related buildings, with several 19th and early 20th century industrial buildings now adaptively reused for commercial use. Several residential buildings have been constructed in the area within the last decade.

The Corktown Station Early Works Project Footprint is divided into two sections on the north and south side of Front Street East. The northern section of the Corktown Station Early Works Project Footprint is bounded by Front Street East, Berkeley Street, King Street East, and Parliament Street. Land uses include a single-storey Staples retail store with a parking lot and a Porsche car dealership. The southern portion of the Corktown Station Early Works Project Footprint is bounded by Front Street East, Berkeley Street, Parliament Street, and Parliament Square Park. Land uses include the Downtown Nissan/Infiniti car dealership, a car rental agency office, a car wash, and two municipal parking lots.

Image 1: Nissan/Infiniti Dealership on Property at 265 Front Street East, Looking East (photograph taken by AECOM in 2021)



Image 2: Looking Northeast on Berkeley Street from The Esplanade (photograph taken by AECOM in 2021)



**Image 3: Staples Store Looking Northeast from Front Street East
(photograph taken by AECOM in 2021)**



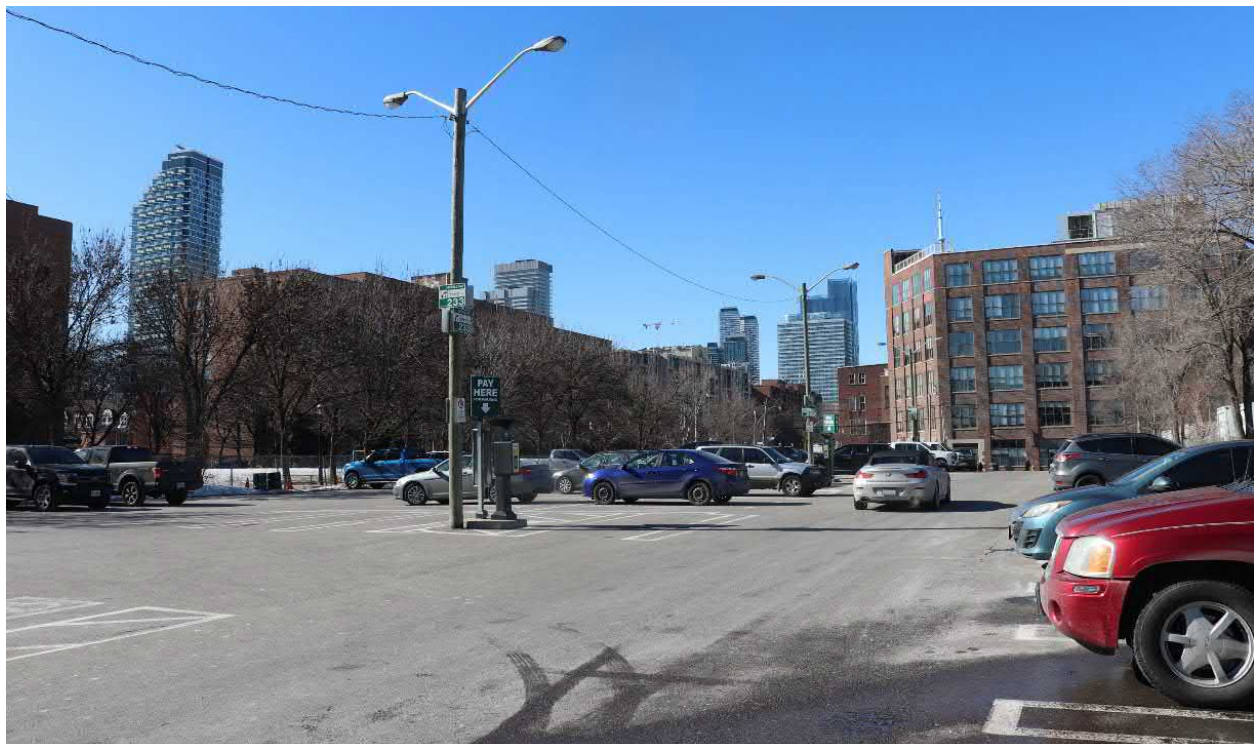
**Image 4: Porsche Dealership Looking Northwest from Front Street East
(photograph taken by AECOM in 2021)**



Image 5: Car Wash and Parking Lot, Looking Southwest from Parliament Street (photograph taken by AECOM in 2021)



Image 6: Municipal Parking Lot, Looking West from Parliament Street (photograph taken by AECOM in 2021)



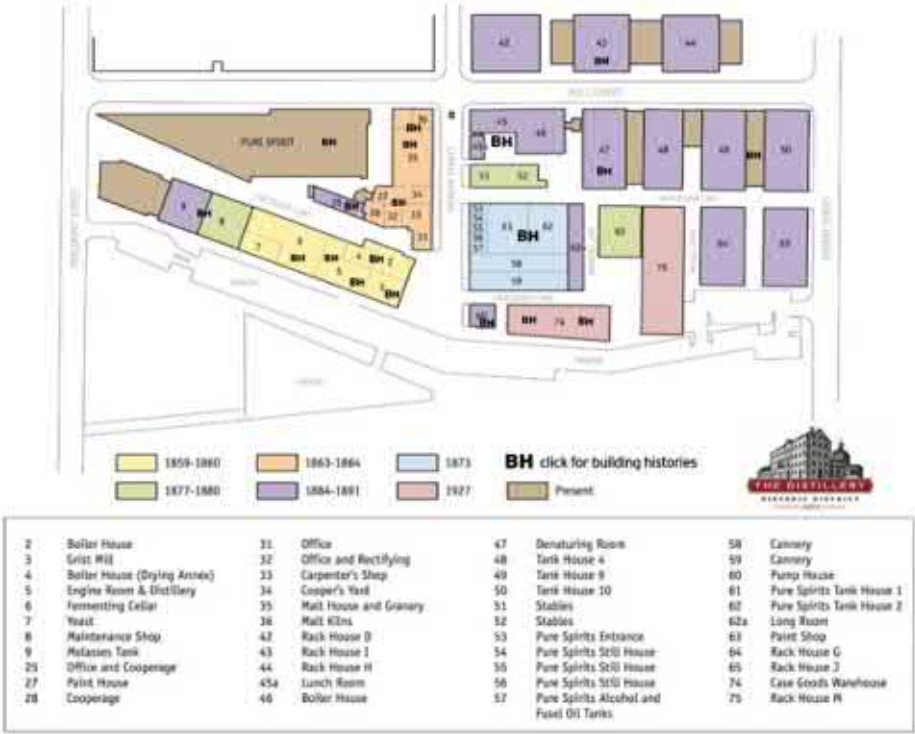
3.4 Identification of Known, Previously Identified and Potential Built Heritage Resources/Cultural Heritage Landscapes – Corktown Station Study Area

Based on data collection, including the review of the Ontario Line Cultural Heritage Report (AECOM, 2020a), the 40-year rule, the Criteria Checklist (Ministry of Heritage, Sport, Tourism and Culture Industries, 2016), and the field reviews conducted for early works by a qualified cultural heritage professional on February 25, 2021, a list of known, previously identified and potential built heritage resources/cultural heritage landscapes in the Corktown Station Study Area was compiled, as documented in **Table 3-1**. The built heritage resources/cultural heritage landscapes are mapped in **Figure 3-1**.

In summary, a total of 14 built heritage resources/cultural heritage landscapes are within the Corktown Station Study Area consisting of:


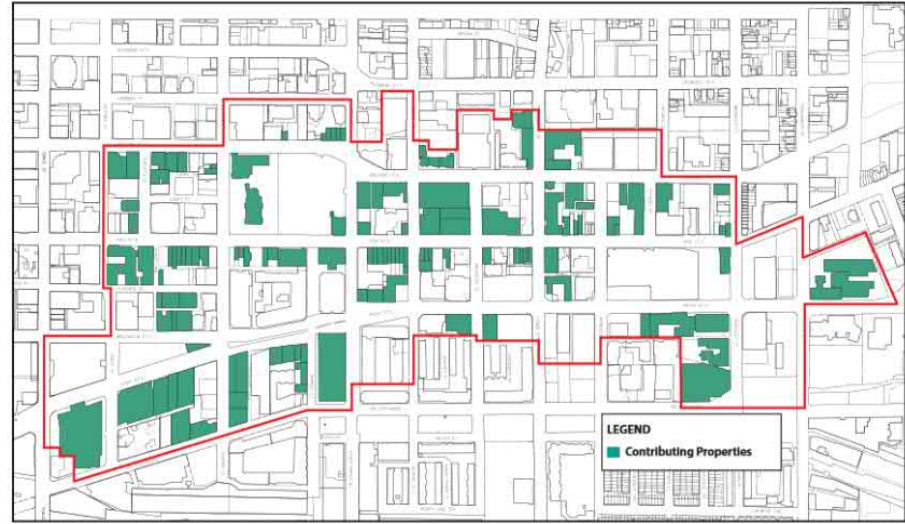
- One Heritage Conservation District designated under Part V of the *Ontario Heritage Act*, under appeal (OLS-035);
- One National Historic Site designated under Part IV of the *Ontario Heritage Act*, which is a potential Provincial Heritage Property of Provincial Significance, and is within a Heritage Conservation District, under study (OLS-029);
- Seven properties designated under Part IV of the *Ontario Heritage Act* (OLS-034, OLS-036, OLS-037, OLS-038, OLS-040, CS-002, and CS-003); one that is a potential Provincial Heritage Property of Provincial Significance, three with City of Toronto Heritage Easements, one within a Heritage Conservation District, under appeal (OLS-035), and four with Heritage Toronto Plaques;
- Four Listed properties (OLS-041, OLS-042, OLS-047, OLS-001), three with Heritage Toronto Plaques, and one within a Heritage Conservation District, under appeal (OS-035); and,
- One Ontario Heritage Trust Plaque (CS-004).

Table 3-1: Description of Known, Previously Identified and Potential Built Heritage Resources/Cultural Heritage Landscapes – Corktown Station Study Area


| Cultural Heritage Report Reference # ⁶ | Type of Property | Location /Address | Heritage Recognition | Description of Known or Potential Cultural Heritage Value or Interest and Heritage Attributes | Photographs/Digital Image |
|---|--|--|---|---|--|
| OLS-029 (includes CS-003) | Cultural Heritage Landscape-National Historic Site | Gooderham & Worts Distillery National Historic Site (and Distillery District Heritage Conservation District Under Study) | <ul style="list-style-type: none">Designated Part IV of the Ontario Heritage Act (By-law 154-76- designation for the complex)National Historic Site (NHS)Listed on the Canadian RegisterCity of Toronto Heritage Easement Agreement CA397773, CA397771, CA397781, CA397779, CA397777, CA397775, CA397783, AT228498.HCD Study complete, Plan under study | <p>Gooderham & Worts Distillery National Historic Site and Distillery District Heritage Conservation District (Under Study)</p> <ul style="list-style-type: none">The Gooderham and Worts Complex was designated as a site of national historic and architectural importance because it is an imposing landmark, containing a number of buildings that collectively bear witness to the evolution of the Canadian distilling industry.The heritage value of the Gooderham and Worts Complex resides in the unique sense of history and place created by:<ul style="list-style-type: none">The completeness of the complex in illustrating the entire distillery process, from the processing of raw materials, to the storage of finished products for export; the physical evidence that it provides about the history of Canadian business, the distilling industry and 19th-century manufacturing processes; the architectural cohesiveness of the site characterized by a high degree of conformity in the design, construction and craftsmanship of its constituent buildings; and the physical relationships among the buildings and between the site and the railway to the south <p>Potential to meet Ontario Regulation 10/06: Yes (Criteria 1, 2, 4, 5)</p> <p>Heritage Attributes (from historicplaces.ca):</p> <ul style="list-style-type: none">Existing spatial arrangement of the buildings on the site arrayed along lanes and streets; Industrial skyline of pitched roofs, turrets, chimney stacks and parapetsCoordinated palette of material and paint colours throughoutLarge scale of the complex; Functional spatial organization, apparent in the rectilinear alignment of buildings along Mill Street; Isolation of storage buildings from one anotherLocation of the complex adjacent to rail line and former shoreline of Toronto Bay; Alignment and connection of buildings with one another to create continuous articulated facades, especially those of: the malthouse and office block (buildings 28 and 31-36) and the water tank, still rooms, bottling/mixing room and warehouse (buildings 53-59); Unity of design through consistent exterior use of brick, limestone and formal motifsUse of Italianate detailing throughout, including round-arched openings; segmented-arch windows ordered facades; corbelled brickwork and symmetrical arrangement of openings and organization of elevationsHigh level of craftsmanship in the brickwork, stone masonry and timber framingProvision of natural light through the extensive use of multi-pane glazingSurvival of numerous functional building types |  <p>Image of the interactive site plan map of the 2008 Historical Site Map DHD (http://distilleryheritage.com/maps_page2.html)</p> |



6. For consistency and ease, the built heritage resource/cultural heritage landscape reference numbers were retained from those resources excerpted from the Existing Conditions tables in the Ontario Line Cultural Heritage Report (AECOM, 2020a).



| Cultural Heritage Report Reference # ⁶ | Type of Property | Location /Address | Heritage Recognition | Description of Known or Potential Cultural Heritage Value or Interest and Heritage Attributes | Photographs/Digital Image |
|---|------------------|-------------------|----------------------|---|---------------------------|
| | | | | <ul style="list-style-type: none">▪ Neoclassical design of the four-storey distillery and mill building (buildings 2-5), with segmented-arched windows; pedimented gable ends, limestone stringcourses, stone quoins, and symmetrically arranged openings▪ Reinforced construction of the distillery building (buildings 2-5) with thick stone walls, metal braces and timber framing▪ Italianate treatment of the malthouse/office block (buildings 28 and 31-36), with façade symmetry, corbelled brickwork, pilasters, and pedimented entrance bay▪ Neoclassical cupola of the of the office building (building 31)▪ Solid masonry construction, buttresses, heavy doors, and substantial wooden windows and shutters of the tank houses and warehouses (buildings 42, 43, 44, 47-50, 59, 61-65, 75)▪ Massive scale and extensive fenestration of the six-storey rack warehouse (building 42)▪ Functional design of the rack warehouse with solid brick walls reinforced with buttresses, punctuated by a highly symmetrical arrangement of segmented-arched windows (building 42)▪ High quality of the masonry of the rack warehouse (building 42), evident in: corbelled brickwork along the cornice; brick voussoirs over each window; brick buttresses; limestone lintels; limestone trim at the foundation▪ Substantial, fortified exterior treatment of the rack warehouse, as evidenced in iron bars on windows; timber exterior shutters; iron hardware on windows and doors▪ Scale and functional design of the malthouse (buildings 35 and 36), with specialized spaces located on each of its three storeys and its attic▪ Interior detailing of the malthouse (buildings 35 and 36), including its small windows, cast-iron columns, roof vents, brick vaults, malting floors, and granary▪ Full-storey multi-paned windows with large transoms on each storey of the west elevations of the pure spirits building block (buildings 53-57 and 61-62)▪ Cast-iron facades with the elaborate iron railing on the second storey of the four connected structures comprising the pure spirits building (buildings 53-57 and 61-62)▪ All connecting conveyance ways, for pedestrians and materials, located at the second storey and above▪ Entire complement of supporting buildings in their massing, materials and detailing, including the machine shop (building 8), molasses tank (building 9), cooperage (building 34), steam fitter's shop (building 45), lunch room (building 45a), boiler house (building 46), stable/garage (building 52), bottling/tank house (building 58), pumphouse (building 60) and case warehouse (building 74) | |



| Cultural Heritage Report Reference # ⁶ | Type of Property | Location /Address | Heritage Recognition | Description of Known or Potential Cultural Heritage Value or Interest and Heritage Attributes | Photographs/Digital Image |
|---|--|---|---|---|--|
| OLS-034 | Civic | 265 and 271 Front Street East and 25 Berkeley Street | <ul style="list-style-type: none">Designated Part IV of the Ontario Heritage Act (By-law 091-1997) | <p>First Parliament Buildings Site- 265 and 271 Front Street East and 25 Berkeley Street⁷</p> <p>Design or Physical Value:</p> <ul style="list-style-type: none">N/A- deeply buried registered archaeological site <p>Historical or Associative Value:</p> <ul style="list-style-type: none">Built in 1796- Two brick buildings joined by a covered walkway (demolished)Now the site of a car wash, car-rental agency and Nissan dealershipSite of where Upper Canada's first Parliament Buildings once stood- From 1797 until they burned in War of 1812, and again in 1824. Moved to new location Front Street in 1829Home District Gaol (Jail) constructed on this site in 1837-1840Property occupied by various Consumers Gas buildings from the late 19th century to the 1960s <p>Contextual Value:</p> <ul style="list-style-type: none">Location at the southeast corner of Parliament Street and King Street, at the foot of Berkeley Street <p>Potential to Meet Ontario Regulation 10/06: Yes (Criteria 2)</p> <p>Heritage Attributes:</p> <ul style="list-style-type: none">Archaeological resources associated with the First and Second Parliament Buildings of Upper CanadaArchaeological resources associated with the Home District GaolArchaeological resources associated with the Consumers Gas Company |  <p>Photograph taken by AECOM in 2021</p> |
| OLS-035 | Cultural Heritage Landscape (Heritage Conservation District) | St. Lawrence Neighbourhood Heritage Conservation District | <ul style="list-style-type: none">Designated Part V of the Ontario Heritage Act (by-law 1328-2015)St. Lawrence Neighbourhood Heritage Conservation District, under appeal (Council adopted, approved by the Ministry of Heritage, Sport, Tourism, and Culture Industries with modifications, and the majority of which is in force and effect). Note, the Heritage Conservation District boundary map was revised and available to the public on April 22, 2021. | <p>St. Lawrence Neighbourhood Heritage Conservation District</p> <ul style="list-style-type: none">The history and identity of the St. Lawrence Neighbourhood Heritage Conservation District result from:<ul style="list-style-type: none">One of Toronto's oldest neighbourhoodsLandscape and potential archaeological resources that reflect the evolution of Toronto, from the founding of the Town of York to the contemporary city of todayThe St. Lawrence Market and major landmark buildings such as St. James Cathedral and the Flatiron BuildingNumerous educational and theatrical institutions that helped to revitalize the area in the latter half of the 20th centuryTwo historical building typologies exemplify the District's physical character and historical evolution- Commercial Warehouse typology and the Industrial building typology <p>Potential to Meet Ontario Regulation 10/06: No</p> <p>Heritage Attributes (Section 2.1, page 33-35 of the Heritage Conservation District Plan):</p> |  <p>Map 8: Properties identified as Contributing Properties</p> |


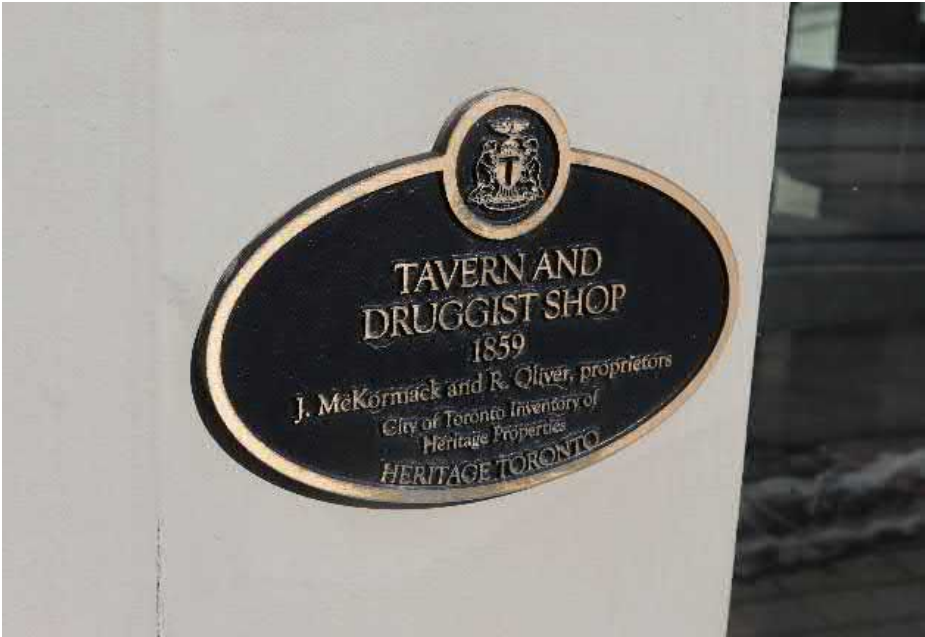
7. OLS-034 included 269 Front Street East in the Ontario Line Cultural Heritage Report (AECOM, 2020a) as it is included on the Heritage Register. It does not exist in Teranet or in the designation by-law 091-1997 and therefore has been removed from OLS-034 in this Heritage Detailed Design Report.



| Cultural Heritage Report Reference # ⁶ | Type of Property | Location /Address | Heritage Recognition | Description of Known or Potential Cultural Heritage Value or Interest and Heritage Attributes | Photographs/Digital Image |
|---|-----------------------------------|--|--|---|---|
| | | | | <ul style="list-style-type: none">■ The District heritage attributes may be considered in terms of five categories<ul style="list-style-type: none">– Built Form– Landscape– Streetscape– Function– Archaeological resources■ Based on the 2015 Heritage Conservation District Contributing Properties map, 78 Contributing Properties are located within the boundaries of the St. Lawrence Neighbourhood Heritage Conservation District (Map on page 51 of the Heritage Conservation District Plan). 65 of these properties are individually designated under Part IV of the <i>Ontario Heritage Act</i>, 45 are listed on the City of Toronto’s Heritage Register, and there are four National Historic Sites. There are no contributing properties within the Corktown Station Early Works Project Footprint. | Map of properties identified as Contributing Properties in the St. Lawrence Neighbourhood Heritage Conservation District, based on the 2015 boundary (City of Toronto 2015) |
| OLS-036 | Residential/ Former Industrial | 2 Berkeley Street, and 248, 250, 252, 254, 256, 258, 260, 262, and 264 The Esplanade | <ul style="list-style-type: none">■ Designated Part IV of the Ontario Heritage Act (By-law 665-80)■ City of Toronto Heritage Easement Agreement, CT4950 | <p>Toronto Knitting & Yarn Factory- 2 Berkeley Street Now named the Berkeley Castle</p> <p>Design or Physical Value:</p> <ul style="list-style-type: none">■ Six-building complex with commercial and office use with industrial architecture constructed over an extended period of time which forms a unique courtyard <p>Historical or Associative Value:</p> <ul style="list-style-type: none">■ Built in 1866; additions by C.J. Gibson in 1896 (architect for 5 of the buildings), 1898, 1905, 1909, 1910; remodeled by A.J. Diamond & Partners in 1979-82■ First industrial building was at 2 Berkeley Street■ Josephs Simpson bought his knitting and yarn works to this corner in 1874. He had an interest in architectural uniformity■ Adaptively reused for residential purposes <p>Contextual Value:</p> <ul style="list-style-type: none">■ Location on the east side of Berkeley Street, north side of The Esplanade <p>Potential to Meet Ontario Regulation 10/06: No</p> <p>Potential Heritage Attributes:</p> <ul style="list-style-type: none">■ Scale, form, massing of the six-building former industrial complex the forms unique courtyard, brickwork (including header courses), stone sills, large multi-paned rectangular windows, architectural details on façade indicative of industrial architecture |  <p>Photograph taken by AECOM in 2021</p> |


| Cultural Heritage Report Reference # ⁶ | Type of Property | Location /Address | Heritage Recognition | Description of Known or Potential Cultural Heritage Value or Interest and Heritage Attributes | Photographs/Digital Image |
|---|------------------|--------------------|---|---|---|
| OLS-037 | Industrial | 26 Berkeley Street | <ul style="list-style-type: none">Designated Part IV of the Ontario Heritage Act (By-law 122-76 and 638-80) | <p>Consumers' Gas Co. Station A, Engine and Condensing Houses (Toronto Free Theatre)- 26 Berkeley Street Heritage Toronto Plaque Location</p> <p>Design or Physical Value:</p> <ul style="list-style-type: none">Industrial complex with red brickwork and stone detailing <p>Historical or Associative Value:</p> <ul style="list-style-type: none">Built in 1887-88, Architect Edmund BurkeStrickland & Symons, architectsPetroleum and coal products facilityAssociated with development of the City and an important well-preserved 19th century industrial complex that was given both architectural dignity and form by one of Toronto's most important architects <p>Contextual Value:</p> <ul style="list-style-type: none">Location on the east side of Berkeley Street, north side of The Esplanade and south of Front StreetImportance on the streetscape and relation to other 19th industry in the area- Consumers Gas Company purifying house (251 Front Street) <p>Potential to Meet Ontario Regulation 10/06: No</p> <p>Potential Heritage Attributes:</p> <ul style="list-style-type: none">Scale, form, massing of the industrial complex with red brickwork and stone detailing, round arched windows, Classical style parapet, brick pilasters, vehicle entrance ground level, round arched entrance with decorative brickwork and stone surround |  <p>Photograph taken by AECOM in 2021</p>  <p>Photograph taken by AECOM in 2021</p> |



| Cultural Heritage Report Reference # ⁶ | Type of Property | Location /Address | Heritage Recognition | Description of Known or Potential Cultural Heritage Value or Interest and Heritage Attributes | Photographs/Digital Image |
|---|-----------------------------------|--|---|--|--|
| OLS-038 | Residential/ Former Industrial | 227 Front Street East (formerly 223 and 251 Front St. E.) | <ul style="list-style-type: none">Designated Part IV of the Ontario Heritage Act (By-law 592-85, 123-76, 639-80)City of Toronto Heritage Easement Agreement CT850259 (February 19, 1987) | <p>Standard Woolen Mills/Consumers Gas Station A Purifying House (now Joey and Toby Tannenbaum Opera Centre)– Combined confirmed municipal address for properties formerly known as 223 and 251 Front Street East</p> <p>Heritage Toronto Plaque Location</p> <p>Design or Physical Value:</p> <ul style="list-style-type: none">Industrial style building with symmetrical façade and ordered fenestration with segmental brick arches and corbelled brickwork on the corniceFormer Consumers Gas Purifying House <p>Historical or Associative Value:</p> <ul style="list-style-type: none">Standard Wollen Mills building built in 1882 and designed by Architect E. J. Lennox; eastern addition, 1893; 4th floor added 1897; 4-storey brick storehouse 1899Consumers Gas Purifying House designed by David B. Dick, constructed 1887-88Complex renovated for Canadian Opera Company by Bregman & Hamman with Arcorp Architects, 1985-87Historic role in the industrialization of the District in the 19th century, and its relation to 19th century industrial structuresAssociated historically with Consumer's Gas Company, Standard Woolen Mills, and contemporary association with Canadian Opera Company <p>Contextual Value:</p> <ul style="list-style-type: none">Location on the south side of Front Street East between Princess Street and Berkeley StreetImportant in context with adjacent buildings that form an integral part of the significant architectural character of the block of Front and Berkeley streets <p>Potential to Meet Ontario Regulation 10/06: No</p> <p>Potential Heritage Attributes:</p> <ul style="list-style-type: none">Scale, form, massing of the industrial complex with red brickwork and stone detailing, Classical style parapet, brick pilasters, fenestration with segmental brick arches, corbelled brickwork beneath the cornice, brick and stone of raised base |  <p>Photograph taken by AECOM in 2021</p>  <p>Photograph taken by AECOM in 2021</p> |



| Cultural Heritage Report Reference # ⁶ | Type of Property | Location /Address | Heritage Recognition | Description of Known or Potential Cultural Heritage Value or Interest and Heritage Attributes | Photographs/Digital Image |
|---|-----------------------------------|---|--|---|--|
| OLS-040 | Residential/ Former Industrial | 54 Berkeley Street, 359, 361 King Street East | <ul style="list-style-type: none">■ Designated Part IV of the Ontario Heritage Act (By-law 682-84)■ City of Toronto Heritage Easement Agreement, Reg. CT697089, (December 20, 1984)■ Designated Part V of the Ontario Heritage Act, St. Lawrence Neighbourhood Heritage Conservation District, under appeal (by-law 1328-2015) | <p>Reid Lumber Company- 54 Berkeley Street, 359 and 361 King Street East (Designation by-law under 359 King Street East)</p> <p>Heritage Toronto Plaque Location</p> <p>Design or Physical Value:</p> <ul style="list-style-type: none">■ Four-storey industrial style building with an eclectic Victorian design with an unusual variety of window details and street façade divided into irregular bays■ The façade of the building has been conserved and incorporated as the podium for a high-rise <p>Historical or Associative Value:</p> <ul style="list-style-type: none">■ Built in 1891-1892 to accommodate offices and halls for lumber merchants, John B. and George W. Reid <p>Contextual Value:</p> <ul style="list-style-type: none">■ Location on the north side of King Street East and west side of Berkeley Street■ Prominent corner building which contributes to streetscape of King and Berkeley streets■ Located within the Original 10 Blocks of the Town of York■ Contributing property located within the St. Lawrence Neighbourhood Heritage Conservation District <p>Potential to Meet Ontario Regulation 10/06: No</p> <p>Potential Heritage Attributes:</p> <ul style="list-style-type: none">■ Scale, form, massing of the four-storey building, eclectic Victorian design, irregular bays and window details, course rock-faced rubble sandstone base, arched brickwork lintels, decorative band courses, scalloped shingles on fourth floor |  <p>Photograph taken by AECOM in 2021</p>  <p>Photograph taken by AECOM in 2021</p> |


| Cultural Heritage Report Reference # ⁶ | Type of Property | Location /Address | Heritage Recognition | Description of Known or Potential Cultural Heritage Value or Interest and Heritage Attributes | Photographs/Digital Image |
|---|-------------------------|--------------------------|---|--|--|
| OLS-041 | Residential/ Commercial | 302-306 King Street East | <ul style="list-style-type: none">Listed on Municipal Heritage Register (June 20, 1973) | <p>Tavern/Garibaldi House- 302 and 306 King Street East Heritage Toronto Plaque Location</p> <p>Design or Physical Value:</p> <ul style="list-style-type: none">Vernacular two-storey structure with an end gable roof, clad in horizontal vinyl siding (new vinyl windows) <p>Historical or Associative Value:</p> <ul style="list-style-type: none">Built in 1859, alteration 1872Connected to the row houses at 53-79 Berkeley Street <p>Contextual Value:</p> <ul style="list-style-type: none">Location at the northeast corner of King Street East and west side of Berkeley Street <p>Potential to Meet Ontario Regulation 10/06: No</p> <p>Potential Heritage Attributes:</p> <ul style="list-style-type: none">Scale, form, massing of the two-storey building with end gable roof, flat-headed windows with a segmental arch window surround, entrance with transom, corner storefront windows |  <p>Photograph taken by AECOM in 2021</p>  <p>Photograph taken by AECOM in 2021</p> |

| Cultural Heritage Report Reference # ⁶ | Type of Property | Location /Address | Heritage Recognition | Description of Known or Potential Cultural Heritage Value or Interest and Heritage Attributes | Photographs/Digital Image |
|---|------------------|---|---|--|--|
| OLS-042 | Residential | 53-79 Berkeley Street, 535 Adelaide Street East | <ul style="list-style-type: none">Listed on Municipal Heritage Register (June 20, 1973) | <p>Row Housing- 53, 55, 57, 59, 61, 63, 65, 67, 69, 71, 73, 75, 77, and 79 Berkeley Street, 535 Adelaide Street East Heritage Toronto Plaque Location</p> <p>Design or Physical Value:</p> <ul style="list-style-type: none">Two storey 14-row houses, clad in stucco with segmentally arched window opening <p>Historical or Associative Value:</p> <ul style="list-style-type: none">Built in 1871, altered 1969Connected to 320-306 King Street EastTypical of modest workers houses identified with the development of the Corktown neighbourhood in the 19th century <p>Contextual Value:</p> <ul style="list-style-type: none">Location on the north side of King Street East and west side of Berkeley Street <p>Potential to Meet Ontario Regulation 10/06: No</p> <p>Potential Heritage Attributes:</p> <ul style="list-style-type: none">Harmonious (shared) scale, form, massing of the two-storey 14-row houses, segmentally arched window openings, transoms over doors, west elevation as mirror images, Juliet balconies with iron railings |  <p>Photograph taken by AECOM in 2021</p>  <p>Photograph taken by AECOM in 2021</p> |

| Cultural Heritage Report Reference # ⁶ | Type of Property | Location /Address | Heritage Recognition | Description of Known or Potential Cultural Heritage Value or Interest and Heritage Attributes | Photographs/Digital Image |
|---|----------------------------|---|---|--|---|
| OLS-047 | Commercial/ Residential | 56 Berkeley Street, 298, 300 King Street East | <ul style="list-style-type: none">Listed on Municipal Heritage Register (June 20, 1973)Designated Part V of the Ontario Heritage Act, St. Lawrence Neighbourhood Heritage Conservation District, under appeal (by-law 1328-2015) | <p>Charles Coxwell Small House-56 Berkeley Street, 298 and 300 King Street East</p> <p>Design or Physical Value:</p> <ul style="list-style-type: none">Three-storey brick structure with ground floor storefront on King StreetWest elevation has been clad in stucco <p>Historical or Associative Value:</p> <ul style="list-style-type: none">Built in 1845One of the oldest surviving structures in the original 10-block ‘Town of York’Related to Charles Coxwell Small, wealthy farmer and public official in Upper Canada <p>Contextual Value:</p> <ul style="list-style-type: none">Located at the northwest corner of Berkeley Street and King Street EastContributing property within the St. Lawrence Neighbourhood Heritage Conservation District <p>Potential to Meet Ontario Regulation 10/06: No</p> <p>Potential Heritage Attributes:</p> <ul style="list-style-type: none">Scale, form and massing the three storey structure, Juliet balconies with iron railings, store front with large windows with wood bracket in cornice, dichromatic brick including quoin, course between second and third storey, decorative brickwork beneath cornice, stone sills |  <p>Photograph taken by AECOM in 2021</p> |

| Cultural Heritage Report Reference # ⁶ | Type of Property | Location /Address | Heritage Recognition | Description of Known or Potential Cultural Heritage Value or Interest and Heritage Attributes | Photographs/Digital Image |
|---|------------------|---|--|--|--|
| CS-001 | Commercial | 91-93 Parliament Street, 330-334 King Street East | <ul style="list-style-type: none">Listed on Municipal Heritage Register (June 25 & 28, 1984) | <p>Aluminum Crown and Stopper Company- 91-93 Parliament Street, 330-334 King Street East Heritage Toronto Plaque Location</p> <p>Design or Physical Value:</p> <ul style="list-style-type: none">Five-storey red brick commercial building with Edwardian detailing. Six-bay façade along Parliament Street with seven-bay faced on King Street East. Angled corner entrance with stone detailing and pediment. Top row of windows has voussoir arched openings with keystone details, decorative cornice. <p>Historical or Associative Value:</p> <ul style="list-style-type: none">Constructed for the Aluminum Crown and Stopper Company in 1911-12Designed by Frederick H. Herbert <p>Contextual Value:</p> <ul style="list-style-type: none">Prominent location at the northeast corner of the King Street East and Parliament Street <p>Potential to Meet Ontario Regulation 10/06: No</p> <p>Heritage Attributes:</p> <ul style="list-style-type: none">Scale and form of five-storey structure. Angled corner entrance with stone details and cornice. Six and seven bay facades with paired windows and brick pilasters. Top row of windows with voussoir arched openings and keystone details. Decorative stone cornice. |  <p>Photograph taken by AECOM in 2021</p>  <p>Photograph taken by AECOM in 2021</p> |

| Cultural Heritage Report Reference # ⁶ | Type of Property | Location /Address | Heritage Recognition | Description of Known or Potential Cultural Heritage Value or Interest and Heritage Attributes | Photographs/Digital Image |
|---|-------------------------|--|---|--|--|
| CS-002 | Civic/Formal Industrial | 51-63 Parliament Street, 296 Front Street East | <ul style="list-style-type: none">Designated Part IV of the Ontario Heritage Act (By-law 9-78)Heritage Toronto Plaque Location | <p>Toronto Police Services 51 Division (formerly Consumer's Gas Company Water Gas Purification House)- 51-63 Parliament Street, 296 Front Street</p> <p>Design or Physical Value:</p> <ul style="list-style-type: none">Three-storey red brick clad industrial with stone detailing. Gabled clerestory roof. West (Parliament Street) façade with three arched bays and pedimented detail at roofline. South façade with ten arched bays separated by brick pilasters. Paired windows in each bay; upper storey windows have voussoir arched openings, with small round windows above. <p>Historical or Associative Value:</p> <ul style="list-style-type: none">Constructed circa 1899 as a purification house for the Consumers Gas CompanyDesigned by the architectural firm of Bond & Smith, with additions by Frank H. Herbert in 1902 and 1904Renovated into Toronto Police Services 51 Division offices in 2004 <p>Contextual Value:</p> <ul style="list-style-type: none">Prominent location on the northeast corner of the Parliament Street and Front Street East intersectionContributes to the former industrial character of the neighborhood; one of several buildings formerly associated with the Consumers Gas Company <p>Potential to Meet Ontario Regulation 10/06: No</p> <p>Heritage Attributes:</p> <ul style="list-style-type: none">Scale and massing of building, red brick cladding and stone details, paired windows with voussoir arched window openings, arched bays with brick pilasters, pedimented detailing on west façade, clerestory roof |  <p>Photograph taken by AECOM in 2021</p>  <p>Photograph taken by AECOM in 2021</p> |

| Cultural Heritage Report Reference # ⁶ | Type of Property | Location /Address | Heritage Recognition | Description of Known or Potential Cultural Heritage Value or Interest and Heritage Attributes | Photographs/Digital Image |
|---|------------------|-------------------|--|--|--|
| CS-003 | Industrial | 18 Trinity Street | <p>Designated Part IV of the Ontario Heritage Act (By-law 1997-0301)</p> <ul style="list-style-type: none">A portion of the property within the proposed boundary of the Distillery District Heritage Conservation District, under study (OLS-029) | <p>General Distilling Company Building- 18 Trinity Street</p> <p>Design or Physical Value:</p> <ul style="list-style-type: none">Three-storey red brick clad structure, flanked by two-storey wings; exhibits classical brick detailing. Principal faced of the centre block is divided into three bays separated by brick pilasters. Windows have flat-headed openings. Upper portion of façade terminates in a projecting cornice. Side (east and west) walls have extended parapets. East wall extends ten bays along Trinity street, separated by brick pilasters. <p>Historical or Associative Value:</p> <ul style="list-style-type: none">Constructed in 1902 for the General Distilling Company, a subsidiary of Gooderham and Worts which produced industrial alcoholDesigned by architect David Roberts Jr., whose practice designed many buildings for Gooderham and Worts, and the Gooderham familyUsed as a paper recycling plant beginning in the 1940s, currently vacantAssociated with the Distillery District <p>Contextual Value:</p> <ul style="list-style-type: none">Although not part of the National Historic Site, this property has historical associations with the adjacent Gooderham and Worts distillery propertyBuilding at 18 Trinity Street, a portion of this property, is within the proposed boundary of the Distillery District Heritage Conservation District, under study <p>Potential to Meet Ontario Regulation 10/06: Yes (within OLS-029)</p> <p>Heritage Attributes:</p> <ul style="list-style-type: none">Three-storey centre block with two-storey wings, classical detailing, red brick façade, location at the northwest corner of the Mill Street and Trinity Street intersection |  <p>Photograph taken by AECOM in 2021</p> |


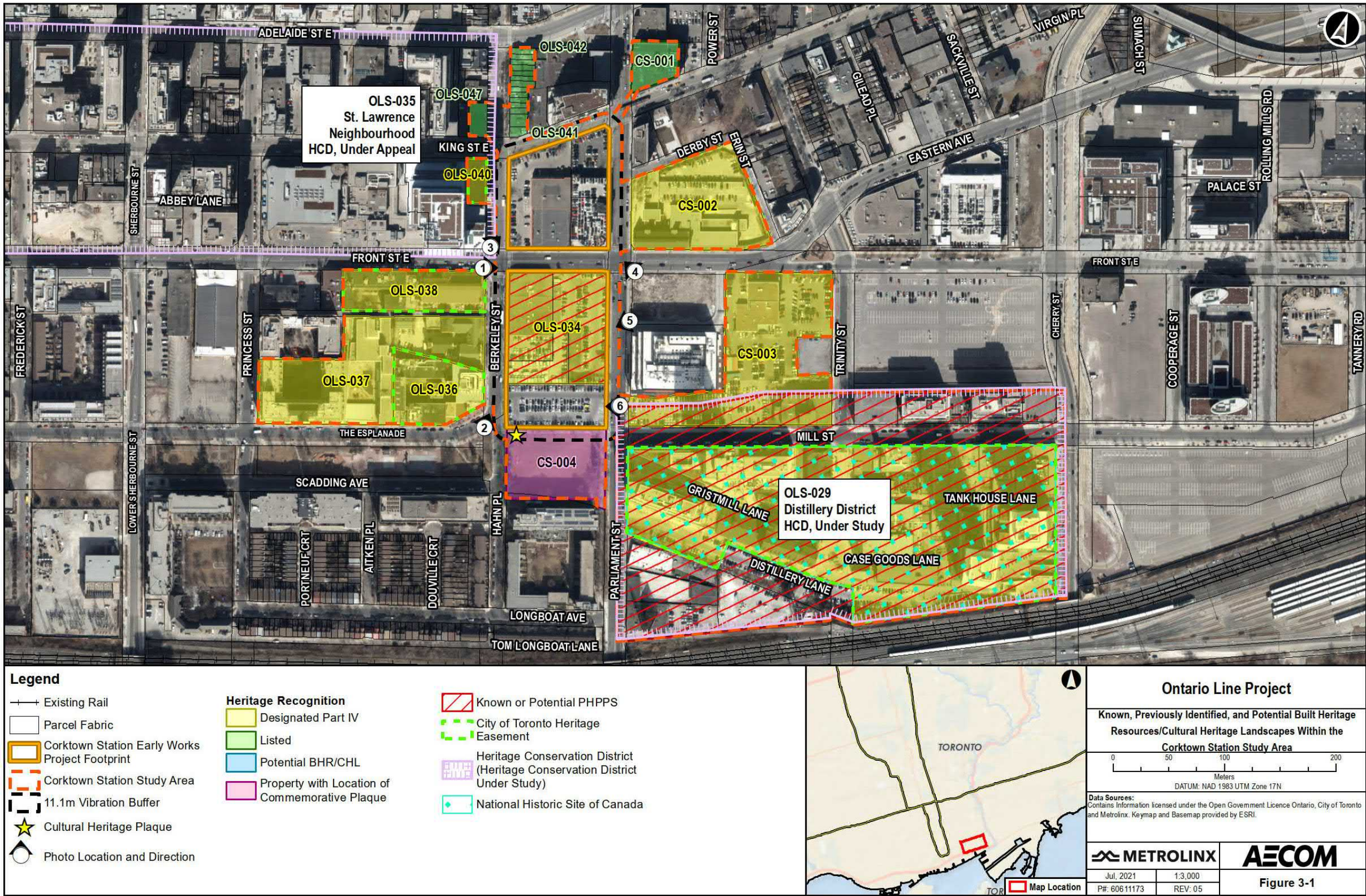
| Cultural Heritage Report Reference # ⁶ | Type of Property | Location /Address | Heritage Recognition | Description of Known or Potential Cultural Heritage Value or Interest and Heritage Attributes | Photographs/Digital Image |
|---|--|------------------------|---|---|---|
| CS-004 | Cultural Heritage Commemorative Plaque | Parliament Square Park | <ul style="list-style-type: none">Ontario Heritage Trust Plaque | <p>Ontario Heritage Trust Plaque- Ontario's First Parliament Buildings 1798</p> <p>Design or Physical Value:</p> <ul style="list-style-type: none">Provincial Heritage Plaque- blue and gold <p>Historical or Associative Value:</p> <ul style="list-style-type: none">Ontario Heritage Trust Plaque marking the location of the first parliament buildings in OntarioPlaque Text reads as follows: ONTARIO FIRST PARLIAMENT BUILDINGS 1798 In 1793 it was decided to move the capital of Upper Canada from Niagara to York (now Toronto). Two single-storey brick parliament buildings were constructed near this site. Opened in June 1798, the buildings were used for court proceedings and religious services in addition to parliamentary sessions. During their occupation of York, April 27 to May 2, 1813, American troops set fire to the parliament buildings. By 1820 they had been repaired and a connecting centre block added. Four years later, fire from an overheated chimney flue reduced them to ruins. The site was abandoned and in 1832 new parliament buildings were completed on Front Street, west of Simcoe Street. <p>Contextual Value:</p> <ul style="list-style-type: none">Context-specific plaque located on the site of Ontario's First Parliament buildings |  <p>Photograph taken by AECOM 2021</p> |

Figure 3-1: Known, Previously Identified, and Potential Built Heritage Resources/Cultural Heritage Landscapes Within the Corktown Station Study Area



4. Summary of Community Engagement

4.1 Ontario Line Environmental Conditions Report and Ontario Line Cultural Heritage Report

Consultation with agencies was undertaken as part of and documented in the Ontario Line Cultural Heritage Report (AECOM, 2020a).

The Ontario Line Draft Environmental Conditions Report and Ontario Line Draft Cultural Heritage Report were made available for public review on the Project website when the Notice Publication of the Draft Environmental Conditions Report was issued on September 17, 2020. The 30-day public review period ended on October 17, 2020. Of the community and agency input/feedback received during the public review period, no comments were applicable to the Corktown Station Study Area. The Ontario Line Final Environmental Conditions Report (AECOM, 2020b) and Ontario Line Cultural Heritage Report (AECOM, 2020a) were posted to the Project website when the Notice of Publication of the Final Environmental Conditions Report was issued on November 30, 2020.

4.2 Ontario Line Corktown Station Early Works Report and Heritage Detailed Design Report

A draft of the Draft Heritage Detailed Design Report was distributed to agencies including the Ministry of Heritage, Sport, Tourism and Culture Industries and the City of Toronto for review on March 10, 2021. Comments received were applied to this Heritage Detailed Design Report.

Metrolinx met with the St. Lawrence Neighbourhood Association in November 2020, and the Gooderham and Worts Neighbourhood Association in March 2021, to present an overview of Ontario Line Project, and included a discussion on the Corktown Station early works. The Gooderham and Worts Neighbourhood Association inquired about the long-term use of the First Parliament Site and whether the City-led First Parliament Plan will be considered. Metrolinx noted that they were working closely with the City on an integrated plan for the short, medium and longer term plans for the site, including a plan for the construction and operation of the Ontario Line in this area. Those plans will build upon the First Parliament Site Master Plan and there will be engagement with communities on how to best celebrate and commemorate the history of the site.

In summer and fall 2020, Metrolinx met with the Ontario Heritage Trust to introduce the Ontario Line Project, discuss potential property impacts to the First Parliament Site and the exciting opportunity that the project presented to complete archeological investigations and

unlock the rich history of the site. The teams agreed to work together to identify conservation and preservation opportunities at the site.

On February 23, 2021, Metrolinx met with the Mississaugas of the Credit First Nation to discuss the Ontario Line and Eglinton Crosstown West Extension projects. During the meeting, there was discussion about the First Parliament site and Metrolinx indicated that there are opportunities to commemorate Indigenous Peoples at this site. Mississaugas of the Credit First Nation also indicated that they are interested in participating in all archaeological fieldwork for the Ontario Line Project. Metrolinx confirmed that the Nation will be invited to all archaeological fieldwork for the Project.

The Ontario Line Draft Corktown Station Early Works Report, including the Draft Heritage Detailed Design Report were made available for public review on the Project website when the Notice of Publication of Draft Ontario Line Draft Corktown Station Early Works Report was issued on May 12, 2021. Comments received during the Ontario Line Draft Corktown Station Early Works Report public review period were incorporated into the Ontario Line Final Corktown Station Early Works Report and Heritage Detailed Design Report, as required.

5. Potential Impacts, Mitigation Measures and Monitoring Activities

In accordance with Sections 8(2)6, 8(2)7 and 8(2)8 of Ontario Regulation 341/20: Ontario Line Project, this Heritage Detailed Design Report describes the potential impacts, mitigation measures, and monitoring activities to verify the effectiveness of mitigation measures associated with the Corktown Station early works. This impact assessment builds upon the methodology established in the Ontario Line Cultural Heritage Report (AECOM, 2020a). Impacts associated with Project operations and construction of components other than Corktown Station early works will be addressed under separate cover (i.e., Environmental Impact Assessment Report and/or other Early Works Reports).

This early works impact assessment and development of mitigation measures and monitoring activities considered the following:

- a) Corktown Station early works components as described in **Section 2.1**;
- b) The Corktown Station Early Works Project Footprint and Corktown Station Study Area as described in **Section 2.2**;
- c) Corktown Station construction activities as described in **Section 2.3**; and,
- d) Local environmental conditions within the Corktown Station Study Area as described in **Section 3**.

The proposed impacts of early works have been evaluated according to the Ministry of Heritage, Sport, Tourism and Culture Industries *Information Bulletin 3: Heritage Impact Assessments for Provincial Heritage Properties*. The Ministry of Heritage, Sport, Tourism and Culture Industries document defines “impact” as a change, either positive or adverse, in an identified cultural heritage resource resulting from a particular activity. The document identifies *direct adverse impacts*, *indirect adverse impacts*, and/or *positive impacts* an activity may have on a heritage resource as defined below.

The purpose of the impact assessment contained in this Heritage Detailed Design Report is to:

- Review the Corktown Station early works components and built heritage resources/cultural heritage landscapes as captured in the preliminary impact assessment of the Ontario Line Cultural Heritage Report (AECOM, 2020a); confirm impacts and mitigation measures, identify any changes, and, where required, refine the range of mitigation options and measures for each property based on the Corktown Station early works. If required, identify any monitoring

recommendations and describe how any conditions attached to Minister's Consent will be met; and,

- Identify potential Corktown Station early works-specific impacts to potential cultural heritage resources/cultural heritage landscapes identified in the field review for this Heritage Detailed Design Report that were not described in the Ontario Line Cultural Heritage Report (AECOM, 2020a) and recommend mitigation measures to avoid or minimize those impacts.

Table 5-1 presents the anticipated impacts from the Corktown Station early works, refined from the range of impacts and mitigation measures that were developed in consultation with the Ministry of Heritage, Sport, Tourism and Culture Industries for the Ontario Line Cultural Heritage Report (AECOM, 2020a) to built heritage resources/cultural heritage landscapes within the Corktown Station Study Area. The table also includes the mitigation measures in order to mitigate and minimize any potential negative impacts to these resources that will result from the Corktown Station early works.

Table 5-1: Potential Impacts, Mitigation Measures and Monitoring Activities for the Corktown Station Early Works

| Ontario Line Cultural Heritage Report Reference # | Location / Address and Property Name | Heritage Recognition | Known or Potential Provincial Heritage Property of Provincial Significance | Type and Description of Potential Impact | Mitigation Measures | Monitoring Activities |
|---|---|---|--|---|---|--|
| OLS-029 | Gooderham & Worts Distillery National Historic Site (and Distillery District Heritage Conservation District, Under Study) | <ul style="list-style-type: none"> Designated Part IV of the Ontario Heritage Act (By-law 154-76- designation for the complex) National Historic Site Heritage Conservation District, Under Study (Heritage Conservation District Study is complete, Plan not available online) Listed on the Canadian Register City of Toronto Heritage Easement Agreements CA397773, CA397771, CA397781, CA397779, CA397777, CA397775, CA397783, AT228498. | Yes | <p>1. No direct adverse impacts from Corktown Station early works (Impact Type 1 – no anticipated impact, from Appendix H: Preliminary Potential Project-Specific Impacts and Proposed Mitigation Measures – Ontario Line South Study Area, in the Ontario Line Cultural Heritage Report (AECOM, 2020a))</p> <p>No direct physical impacts are anticipated. The boundary of the National Historic Site, including the buildings in the northwest corner of the National Historic Site, and the proposed Heritage Conservation District boundary of OLS-029 are adjacent to the Corktown Station Early Works Project Footprint, separated by Parliament Street, and therefore, will not experience direct impacts from early works.</p> | <ul style="list-style-type: none"> No mitigation measures required. Continue to avoid OLS-029, the National Historic Site and Heritage Conservation District, under study. | <ul style="list-style-type: none"> Corktown Station early works will have no direct impacts to built heritage resources and cultural heritage landscapes that require monitoring prior, during or post-construction of early works. |
| OLS-029 | Gooderham & Worts Distillery National Historic Site (and Distillery District Heritage Conservation District, Under Study) | <ul style="list-style-type: none"> Designated Part IV of the Ontario Heritage Act (By-law 154-76- designation for the complex) National Historic Site Heritage Conservation District, Under Study (Heritage Conservation District Study is complete, Plan not available online) Listed on the Canadian Register City of Toronto Heritage Easement Agreements CA397773, CA397771, CA397781, CA397779, CA397777, CA397775, CA397783, AT228498. | Yes | <p>2. No indirect adverse impacts from Corktown Station early works (Impact Type 1 – no anticipated impact, from Appendix H: Preliminary Potential Project-Specific Impacts and Proposed Mitigation Measures – Ontario Line South Study Area, in the Ontario Line Cultural Heritage Report (AECOM, 2020a))</p> <p>No indirect impacts due to vibration are anticipated. Contributing buildings within OLS-029 are approximately 120 metres southeast of the Corktown Station Early Works Project Footprint, beyond the 11.1 metres vibration buffer. In addition, the modern residential buildings adjacent to the Corktown Station Early Works Project Footprint within the National Historic Site are approximately 32 metres beyond the Corktown Station Early Works Project Footprint, beyond the 11.1 metres vibration buffer.</p> | <ul style="list-style-type: none"> No mitigation measures required. Maintain a sufficient buffer distance of at least 11.1 metres between the early works and any buildings within the National Historic Site. | <ul style="list-style-type: none"> Corktown Station early works will have no indirect impacts to built heritage resources and cultural heritage landscapes that require monitoring prior, during or post-construction of early works. |
| OLS-034 | 265 and 271 Front Street East and 25 Berkeley Street | <ul style="list-style-type: none"> Designated Part IV of the Ontario Heritage Act (By-law 091-1997) | Yes | <p>2. Direct adverse impact from Corktown Station early works (Impact Type 2C from Appendix H: Preliminary Potential Project-Specific Impacts and Proposed Mitigation Measures – Ontario Line South Study Area, in the Ontario Line Cultural Heritage Report (AECOM, 2020a) – Removal/Demolition of a building or structure on the property and/or any ground disturbance that has the potential to remove or demolish deeply buried archaeological remains.)</p> <p>The Corktown Station Early Works Project Footprint which includes OLS-034 has been identified as the launch site for the tunnel excavation equipment to complete tunnels and underground station spaces for</p> | <ul style="list-style-type: none"> Mitigation measures documented in Appendix H of the Ontario Line South Study Area, in the Ontario Line Cultural Heritage Report (AECOM, 2020a) have been refined based on the early works impact assessment. The following mitigation measures should be implemented regarding any physical impact to the properties: <ul style="list-style-type: none"> Consult with City of Toronto’s Heritage Planning as planning progresses regarding any physical impact to the properties in order to determine and obtain any approval or permits required. Consult with Ontario Heritage Trust as current owner of part of OLS-034 as part of | <ul style="list-style-type: none"> Corktown Station early works will have no impacts to built heritage resources and cultural heritage landscapes that require monitoring prior, during or post-construction of early works. Refer to Ontario Line Final Corktown Station Early Works Report for further archaeological monitoring recommendations, if required. |

| Ontario Line Cultural Heritage Report Reference # | Location / Address and Property Name | Heritage Recognition | Known or Potential Provincial Heritage Property of Provincial Significance | Type and Description of Potential Impact | Mitigation Measures | Monitoring Activities |
|---|--|---|--|--|--|--|
| | | | | <p>the downtown and Don Yard segments and construction of the Corktown Station. This site will provide essential logistics support required for the Project's tunneling (see Section 1.3.3 for details). To prepare this site, demolition of existing buildings, removal of other structures and asphalt, decommissioning of utilities, and soil removal and/or remediation where required will need to be completed. Site preparation is a part of early works. These activities will enable the completion of the environmental due diligence investigations, including archaeological assessments. Completion of these early works on an expedited basis is essential to allow for the timely delivery of the overall Project.</p> <p>Direct physical impacts anticipated. OLS-034, consists of three properties and is entirely within the Corktown Station Early Works Project Footprint (Figure 2-1). Prior to reaching Impact Type 2C from the range of potential impacts in Appendix H: Ontario Line Cultural Heritage Report (AECOM, 2020a), the mitigation options presented in Appendix H, Impact Type 2A and 2B, were considered and eliminated. Demolition and removal of two buildings on the properties, including their foundations, as well as asphalt and soil removal where required, was determined to be the only option. Therefore, early works will have a direct adverse impact on OLS-034.</p> | <p>the planning process and if required, obtain approval/consent</p> <ul style="list-style-type: none"> Metrolinx was granted Minister of Heritage, Sport, Tourism and Culture Industries' Consent on March 18, 2021, with conditions for the: <ul style="list-style-type: none"> Demolition and removal of the non-heritage buildings located at 265 Front Street East; and, Removal of the heritage attributes (i.e. archaeological excavation of the archaeological site [AjGu-41]) located on 265 Front Street East, 271 Front Street East and 25 Berkeley Street. Metrolinx is committed to fulfilling the conditions outlined in the Minister's Consent, including completion of archaeological requirements. | |
| OLS-035 | St. Lawrence Neighbourhood Heritage Conservation District | <ul style="list-style-type: none"> Designated Part V of the Ontario Heritage Act (by-law 1328-2015) St. Lawrence Neighbourhood Heritage Conservation District, under appeal | No | <p>1. No direct adverse impacts from Corktown Station early works (Impact Type 1 – no anticipated impact, from Appendix H: Preliminary Potential Project-Specific Impacts and Proposed Mitigation Measures – Ontario Line South Study Area, in the Ontario Line Cultural Heritage Report (AECOM, 2020a))</p> <p>No direct physical impacts are anticipated. The boundary of the Heritage Conservation District is adjacent to the Corktown Station Early Works Project Footprint (Figure 2-1), separated by Berkeley Street, and therefore, will not experience direct impacts from early works.</p> | <ul style="list-style-type: none"> No mitigation measures required. Continue to avoid OLS-035, the heritage conservation district. | <ul style="list-style-type: none"> Corktown Station early works will have no direct impacts to contributing properties within the Heritage Conservation District that require monitoring prior, during or post-construction of early works. |
| OLS-035 | St. Lawrence Neighbourhood Heritage Conservation District. | <ul style="list-style-type: none"> Designated Part V of the Ontario Heritage Act (by-law 1328-2015) St. Lawrence Neighbourhood Heritage Conservation District, under appeal | No | <p>2. No indirect adverse impacts from early works (Impact Type 1 – no anticipated impact, from Appendix H: Preliminary Potential Project-Specific Impacts and Proposed Mitigation Measures – Ontario Line South Study Area, in the Ontario Line Cultural Heritage Report (AECOM, 2020a))</p> <p>No indirect impacts due to vibration are anticipated. There are no contributing buildings within the Heritage Conservation District that are located within the 11.1 metres vibration buffer.</p> | <ul style="list-style-type: none"> No mitigation measures required. Maintain a sufficient buffer distance of at least 11.1 metres between the early works and the contributing buildings within the Heritage Conservation District. | <ul style="list-style-type: none"> Corktown Station early works will have no indirect impacts to built heritage resources and cultural heritage landscapes that require monitoring prior, during or post-construction of early works. |

| Ontario Line Cultural Heritage Report Reference # | Location / Address and Property Name | Heritage Recognition | Known or Potential Provincial Heritage Property of Provincial Significance | Type and Description of Potential Impact | Mitigation Measures | Monitoring Activities |
|---|--|--|--|--|--|--|
| OLS-036 | 2 Berkeley Street, and 248, 250, 252, 254, 256, 258, 260, 262, and 264 The Esplanade | <ul style="list-style-type: none"> Designated Part IV of the Ontario Heritage Act (By-law 665-80) City of Toronto Heritage Easement Agreement, CT4950 | No | <p>1. No direct adverse impacts from Corktown Station early works (Impact Type 1 – no anticipated impact, from Appendix H: Preliminary Potential Project-Specific Impacts and Proposed Mitigation Measures – Ontario Line South Study Area, in the Ontario Line Cultural Heritage Report (AECOM, 2020a))</p> <p>No direct physical impacts are anticipated. OLS-036, the property, is separated from the Corktown Station Early Works Project Footprint by Berkeley Street.</p> | <ul style="list-style-type: none"> No mitigation measures required. Continue to avoid OLS-036. | <ul style="list-style-type: none"> Corktown Station early works will have no direct impacts to built heritage resources and cultural heritage landscapes that require monitoring prior, during or post-construction of early works. |
| OLS-036 | 2 Berkeley Street, and 248, 250, 252, 254, 256, 258, 260, 262, and 264 The Esplanade | <ul style="list-style-type: none"> Designated Part IV of the Ontario Heritage Act (By-law 665-80) City of Toronto Heritage Easement Agreement, CT4950 | No | <p>2. No indirect adverse impacts from Corktown Station early works (Impact Type 1 – no anticipated impact, from Appendix H: Preliminary Potential Project-Specific Impacts and Proposed Mitigation Measures – Ontario Line South Study Area, in the Ontario Line Cultural Heritage Report (AECOM, 2020a))</p> <p>No indirect impacts due to vibration are anticipated. The nearest building within OLS-036 is approximately 17.2 metres west of the Corktown Station Early Works Project Footprint, beyond the 11.1 metres vibration buffer.</p> | <ul style="list-style-type: none"> No mitigation measures required. Maintain a sufficient buffer distance of at least 11.1 metres between the early works and the building. | <ul style="list-style-type: none"> Corktown Station early works will have no indirect impacts to built heritage resources and cultural heritage landscapes that require monitoring prior, during or post-construction of early works. |
| OLS-037 | 26 Berkeley Street | <ul style="list-style-type: none"> Designated Part IV of the Ontario Heritage Act (By-law 122-76 and 638-80) | No | <p>1. No direct adverse impacts from Corktown Station early works (Impact Type 1 – no anticipated impact, from Appendix H: Preliminary Potential Project-Specific Impacts and Proposed Mitigation Measures – Ontario Line South Study Area, in the Ontario Line Cultural Heritage Report (AECOM, 2020a))</p> <p>No direct physical impacts are anticipated. OLS-037, the property, is separated from the Corktown Station Early Works Project Footprint by Berkeley Street.</p> | <ul style="list-style-type: none"> No mitigation measures required. Continue to avoid OLS-037. | <ul style="list-style-type: none"> Corktown Station early works will have no direct impacts to built heritage resources and cultural heritage landscapes that require monitoring prior, during or post-construction of early works. |
| OLS-037 | 26 Berkeley Street | <ul style="list-style-type: none"> Designated Part IV of the Ontario Heritage Act (By-law 122-76 and 638-80) | No | <p>2. No indirect adverse impacts from Corktown Station early works (Impact Type 1 – no anticipated impact, from Appendix H: Preliminary Potential Project-Specific Impacts and Proposed Mitigation Measures – Ontario Line South Study Area, in the Ontario Line Cultural Heritage Report (AECOM, 2020a))</p> <p>No indirect impacts due to vibration are anticipated. The building within OLS-037 is approximately 20.1 metres west of the Corktown Station Early Works Project Footprint, beyond the 11.1 metres vibration buffer.</p> | <ul style="list-style-type: none"> No mitigation measures required. Maintain a sufficient buffer distance of at least 11.1 metres between the early works and the building. | <ul style="list-style-type: none"> Corktown Station early works will have no indirect impacts to built heritage resources and cultural heritage landscapes that require monitoring prior, during or post-construction of early works. |
| OLS-038 | 227 Front Street East (formerly 223 and 251 Front St. E.) | <ul style="list-style-type: none"> Designated Part IV of the Ontario Heritage Act (By-law 592-85, 123-76, 639-80) City of Toronto Heritage Easement Agreement CT850259 (February 19, 1987) | No | <p>1. No direct adverse impacts from Corktown Station early works (Impact Type 1 – no anticipated impact, from Appendix H: Preliminary Potential Project-Specific Impacts and Proposed Mitigation Measures – Ontario Line South Study Area, in the Ontario Line Cultural Heritage Report (AECOM, 2020a))</p> <p>No direct physical impacts are anticipated. OLS-038, the property, is separated from the Corktown Station Early Works Project Footprint by Berkeley Street.</p> | <ul style="list-style-type: none"> No mitigation measures required. Continue to avoid OLS-038. | <ul style="list-style-type: none"> Corktown Station early works will have no direct impacts to built heritage resources and cultural heritage landscapes that require monitoring prior, during or post-construction of early works. |

| Ontario Line Cultural Heritage Report Reference # | Location / Address and Property Name | Heritage Recognition | Known or Potential Provincial Heritage Property of Provincial Significance | Type and Description of Potential Impact | Mitigation Measures | Monitoring Activities |
|---|---|--|--|--|--|--|
| OLS-038 | 227 Front Street East (formerly 223 and 251 Front St. E.) | <ul style="list-style-type: none">Designated Part IV of the Ontario Heritage Act (By-law 592-85, 123-76, 639-80)City of Toronto Heritage Easement Agreement CT850259 (February 19, 1987) | No | <p>2. No indirect adverse impacts from Corktown Station early works (Impact Type 1 – no anticipated impact, from Appendix H: Preliminary Potential Project-Specific Impacts and Proposed Mitigation Measures – Ontario Line South Study Area, in the Ontario Line Cultural Heritage Report (AECOM, 2020a))</p> <p>No indirect impacts due to vibration are anticipated. The nearest building within OLS-038 is approximately 24.1 metres west of the Corktown Station Early Works Project Footprint, beyond the 11.1 metres vibration buffer.</p> | No mitigation measures required. Maintain a sufficient buffer distance of at least 11.1 metres between the early works and the building. | <ul style="list-style-type: none">Corktown Station early works will have no indirect impacts to built heritage resources and cultural heritage landscapes that require monitoring prior, during or post-construction of early works. |
| OLS-040 | 54 Berkeley Street, 359, 361 King Street East | <ul style="list-style-type: none">Designated Part IV of the Ontario Heritage Act (By-law 682-84)City of Toronto Heritage Easement Agreement, Reg. CT697089, (December 20, 1984)Designated Part V of the Ontario Heritage Act, St. Lawrence Neighbourhood Heritage Conservation District, under appeal (by-law 1328-2015) | No | <p>1. No direct adverse impacts from Corktown Station early works (Impact Type 1 – no anticipated impact, from Appendix H: Preliminary Potential Project-Specific Impacts and Proposed Mitigation Measures – Ontario Line South Study Area, in the Ontario Line Cultural Heritage Report (AECOM, 2020a))</p> <p>No direct physical impacts are anticipated. OLS-040, the property, is separated from the Corktown Station Early Works Project Footprint by Berkeley Street.</p> | No mitigation measures required. Continue to avoid OLS-040. | <ul style="list-style-type: none">Corktown Station early works will have no direct impacts to built heritage resources and cultural heritage landscapes that require monitoring prior, during or post-construction of early works. |
| OLS-040 | 54 Berkeley Street, 359, 361 King Street East | <ul style="list-style-type: none">Designated Part IV of the Ontario Heritage Act (By-law 682-84)City of Toronto Heritage Easement Agreement, Reg. CT697089, (December 20, 1984)Designated Part V of the Ontario Heritage Act, St. Lawrence Neighbourhood Heritage Conservation District, under appeal (by-law 1328-2015) | No | <p>2. No indirect adverse impacts from Corktown Station early works (Impact Type 1 – no anticipated impact, from Appendix H: Preliminary Potential Project-Specific Impacts and Proposed Mitigation Measures – Ontario Line South Study Area, in the Ontario Line Cultural Heritage Report (AECOM, 2020a))</p> <p>No indirect impacts due to vibration are anticipated. The building within OLS-040 is approximately 23.4 metres west of the Corktown Station Early Works Project Footprint, beyond the 11.1 metres vibration buffer.</p> | No mitigation measures required. Maintain a sufficient buffer distance of at least 11.1 metres between the early works and the building. | <ul style="list-style-type: none">Corktown Station early works will have no indirect impacts to built heritage resources and cultural heritage landscapes that require monitoring prior, during or post-construction of early works. |
| OLS-041 | 302-306 King Street East | <ul style="list-style-type: none">Listed on Municipal Heritage Register (June 20, 1973) | No | <p>1. No direct adverse impacts from Corktown Station early works (Impact Type 1 – no anticipated impact, from Appendix H: Preliminary Potential Project-Specific Impacts and Proposed Mitigation Measures – Ontario Line South Study Area, in the Ontario Line Cultural Heritage Report (AECOM, 2020a))</p> <p>No direct physical impacts are anticipated. OLS-041, the property, is separated from the Corktown Station Early Works Project Footprint by Berkeley Street and King Street East.</p> | No mitigation measures required. Continue to avoid OLS-041. | <ul style="list-style-type: none">Corktown Station early works will have no direct impacts to built heritage resources and cultural heritage landscapes that require monitoring prior, during or post-construction of early works. |

| Ontario Line Cultural Heritage Report Reference # | Location / Address and Property Name | Heritage Recognition | Known or Potential Provincial Heritage Property of Provincial Significance | Type and Description of Potential Impact | Mitigation Measures | Monitoring Activities |
|---|---|---|--|---|--|--|
| OLS-041 | 302-306 King Street East | <ul style="list-style-type: none"> Listed on Municipal Heritage Register (June 20, 1973) | No | <p>2. No indirect adverse impacts from Corktown Station early works (Impact Type 1 – no anticipated impact, from Appendix H: Preliminary Potential Project-Specific Impacts and Proposed Mitigation Measures – Ontario Line South Study Area, in the Ontario Line Cultural Heritage Report (AECOM, 2020a))</p> <p>No indirect impacts due to vibration are anticipated. The buildings within OLS-041 is approximately 16.9 metres north of the Corktown Station Early Works Project Footprint, beyond the 11.1 metres vibration buffer.</p> | No mitigation measures required. Maintain a sufficient buffer distance of at least 11.1 metres between the early works and the building. | <ul style="list-style-type: none"> Corktown Station early works will have no indirect impacts to built heritage resources and cultural heritage landscapes that require monitoring prior, during or post-construction of early works. |
| OLS-042 | 53-79 Berkeley Street, 535 Adelaide Street East | <ul style="list-style-type: none"> Listed on Municipal Heritage Register (June 20, 1973) | No | <p>1. No direct adverse impacts from Corktown Station early works (Impact Type 1 – no anticipated impact, from Appendix H: Preliminary Potential Project-Specific Impacts and Proposed Mitigation Measures – Ontario Line South Study Area, in the Ontario Line Cultural Heritage Report (AECOM, 2020a))</p> <p>No direct physical impacts are anticipated. OLS-042, the property, is separated from the Corktown Station Early Works Project Footprint by King Street East.</p> | No mitigation measures required. Continue to avoid OLS-042. | <ul style="list-style-type: none"> Corktown Station early works will have no direct impacts to built heritage resources and cultural heritage landscapes that require monitoring prior, during or post-construction of early works. |
| OLS-042 | 53-79 Berkeley Street, 535 Adelaide Street East | <ul style="list-style-type: none"> Listed on Municipal Heritage Register (June 20, 1973) | No | <p>2. No indirect adverse impacts from Corktown Station early works (Impact Type 1 – no anticipated impact, from Appendix H: Preliminary Potential Project-Specific Impacts and Proposed Mitigation Measures – Ontario Line South Study Area, in the Ontario Line Cultural Heritage Report (AECOM, 2020a))</p> <p>No indirect impacts due to vibration are anticipated. The building within OLS-042 is approximately 26.5 metres north of the Corktown Station Early Works Project Footprint, beyond the 11.1 metres vibration buffer.</p> | No mitigation measures required. Maintain a sufficient buffer distance of at least 11.1 metres between the early works and the building. | <ul style="list-style-type: none"> Corktown Station early works will have no indirect impacts to built heritage resources and cultural heritage landscapes that require monitoring prior, during or post-construction of early works. |
| OLS-047 | 56 Berkeley Street, 298, 300 King Street East | <ul style="list-style-type: none"> Listed on Municipal Heritage Register (June 20, 1973) Designated Part V of the Ontario Heritage Act, St. Lawrence Neighbourhood Heritage Conservation District, under appeal (by-law 1328-2015) | No | <p>1. No direct adverse impacts from Corktown Station early works (Impact Type 1 – no anticipated impact, from Appendix H: Preliminary Potential Project-Specific Impacts and Proposed Mitigation Measures – Ontario Line South Study Area, in the Ontario Line Cultural Heritage Report (AECOM, 2020a))</p> <p>No direct physical impacts are anticipated. OLS-047, the property, is separated from the Corktown Station Early Works Project Footprint by Berkeley Street.</p> | No mitigation measures required. Continue to avoid OLS-047. | <ul style="list-style-type: none"> Corktown Station early works will have no direct impacts to built heritage resources and cultural heritage landscapes that require monitoring prior, during or post-construction of early works. |
| OLS-047 | 56 Berkeley Street, 298, 300 King Street East | <ul style="list-style-type: none"> Listed on Municipal Heritage Register (June 20, 1973) Designated Part V of the Ontario Heritage Act, St. Lawrence Neighbourhood Heritage Conservation District, under appeal, (by-law 1328-2015) | No | <p>2. No indirect adverse impacts from Corktown Station early works (Impact Type 1 – no anticipated impact, from Appendix H: Preliminary Potential Project-Specific Impacts and Proposed Mitigation Measures – Ontario Line South Study Area, in the Ontario Line Cultural Heritage Report (AECOM, 2020a))</p> <p>No indirect impacts due to vibration are anticipated. The nearest building within OLS-047 is approximately 31.2 metres northwest of the Corktown Station Early Works Project Footprint, beyond the 11.1 metres vibration buffer.</p> | No mitigation measures required. Maintain a sufficient buffer distance of at least 11.1 metres between the early works and the building. | <ul style="list-style-type: none"> Corktown Station early works will have no indirect impacts to built heritage resources and cultural heritage landscapes that require monitoring prior, during or post-construction of early works. |

| Ontario Line Cultural Heritage Report Reference # | Location / Address and Property Name | Heritage Recognition | Known or Potential Provincial Heritage Property of Provincial Significance | Type and Description of Potential Impact | Mitigation Measures | Monitoring Activities |
|---|---|---|--|--|--|--|
| CS-001 | 91-93 Parliament Street, 330-334 King Street East | <ul style="list-style-type: none"> Listed on Municipal Heritage Register (June 25 & 28, 1984) | No | 1. No direct adverse impacts from early works No direct physical impacts are anticipated. CS-001, the property, is separated from the Corktown Station Early Works Project Footprint by King Street East. | No mitigation measures required. Continue to avoid CS-001. | <ul style="list-style-type: none"> Corktown Station early works will have no indirect impacts to built heritage resources and cultural heritage landscapes that require monitoring prior, during or post-construction of early works. |
| CS-001 | 91-93 Parliament Street, 330-334 King Street East | <ul style="list-style-type: none"> Listed on Municipal Heritage Register (June 25 & 28, 1984) | No | 2. No indirect adverse impacts from early works No indirect impacts due to vibration are anticipated. The building at CS-001 is approximately 40.2 metres northeast of the Corktown Station Early Works Project Footprint, beyond the 11.1 metres vibration buffer. | No mitigation measures required. Maintain a sufficient buffer distance of at least 11.1 metres between the early works and the building. | <ul style="list-style-type: none"> Corktown Station early works will have no indirect impacts to built heritage resources and cultural heritage landscapes that require monitoring prior, during or post-construction of early works. |
| CS-002 | 51-63 Parliament Street, 296 Front Street East | <ul style="list-style-type: none"> Designated Part IV of the Ontario Heritage Act (By-law 9-78) | No | 1. No direct adverse impacts from early works No direct physical impacts are anticipated. CS-002, the property, is separated from the Corktown Station Early Works Project Footprint by Parliament Street. | No mitigation measures required. Continue to avoid CS-002. | <ul style="list-style-type: none"> Corktown Station early works will have no indirect impacts to built heritage resources and cultural heritage landscapes that require monitoring prior, during or post-construction of early works. |
| CS-002 | 51-63 Parliament Street, 296 Front Street East | <ul style="list-style-type: none"> Designated Part IV of the Ontario Heritage Act (By-law 9-78) | No | 2. No indirect adverse impacts from early works No indirect impacts due to vibration are anticipated. The building at CS-002 is approximately 26.6 metres east of the Corktown Station Early Works Project Footprint, beyond the 11.1 meters vibration buffer. | No mitigation measures required. Maintain a sufficient buffer distance of at least 11.1 metres between the early works and the building. | <ul style="list-style-type: none"> Corktown Station early works will have no indirect impacts to built heritage resources and cultural heritage landscapes that require monitoring prior, during or post-construction of early works. |
| CS-003 | 18 Trinity Street | <ul style="list-style-type: none"> Designated Part IV of the Ontario Heritage Act (By-law 1997-0301) | Yes (within OLS-029) | 2. No direct adverse impacts from early works No direct physical impacts are anticipated. CS-003, the property, and the proposed Distillery District Heritage Conservation District boundary, is separated from the Corktown Station Early Works Project Footprint by Parliament Street. | No mitigation measures required. Continue to avoid CS-003. | <ul style="list-style-type: none"> Corktown Station early works will have no indirect impacts to built heritage resources and cultural heritage landscapes that require monitoring prior, during or post-construction of early works. |
| CS-003 | 18 Trinity Street | <ul style="list-style-type: none"> Designated Part IV of the Ontario Heritage Act (By-law 1997-0301) | Yes (within OLS-029) | 2. No indirect adverse impacts from early works No indirect impacts due to vibration are anticipated. The building within CS-003 is approximately 159.3 metres east of the Corktown Station Early Works Project Footprint, beyond the 11.1 meters vibration buffer. | No mitigation measures required. Maintain a sufficient buffer distance of at least 11.1 metres between the early works and the building. | <ul style="list-style-type: none"> Corktown Station early works will have no indirect impacts to built heritage resources and cultural heritage landscapes that require monitoring prior, during or post-construction of early works. |
| CS-004 | Parliament Square Park | <ul style="list-style-type: none"> Ontario Heritage Trust Plaque | No | 1. No direct adverse impacts from Corktown Station early works No direct physical impacts are anticipated. This commemorative plaque is located south of Corktown Station Early Works Project Footprint. | No mitigation measures required. Continue to avoid CS-004. | <ul style="list-style-type: none"> Corktown Station early works will have no indirect impacts to built heritage resources and cultural heritage landscapes that require monitoring prior, during or post-construction of early works. |
| CS-004 | Parliament Square Park | <ul style="list-style-type: none"> Ontario Heritage Trust Plaque | No | 2. No indirect adverse impact from Corktown Station early works Impacts due to vibration on CS-004 are not applicable. This resource is a commemorative plaque and does not contain buildings or structures that would be subject to vibration impacts. | No mitigation measures required. | <ul style="list-style-type: none"> Corktown Station early works will have no indirect impacts to built heritage resources and cultural heritage landscapes that require monitoring prior, during or post-construction of early works. |

6. Summary and Conclusions

In summary, a total of 14 built heritage resources/cultural heritage landscapes were located within the Corktown Station Study Area, including 10 that were identified in the Ontario Line Cultural Heritage Report (AECOM, 2020a). Four additional built heritage resources/cultural heritage landscapes were identified during the field survey as adjacent resources to the Corktown Station Early Works Project Footprint in development of this Heritage Detailed Design Report.

Three built heritage resources/cultural heritage landscapes were determined to potentially meet Ontario Regulation 10/06 in the Corktown Station Study Area and are considered potential Provincial Heritage Properties of Provincial Significance: Gooderham & Worts Distillery National Historic Site and the proposed Distillery District Heritage Conservation District boundary (OLS-029) which includes the General Distilling Company Building (CS-003), and the First Parliament Site, a deeply buried archaeological site (OLS-034).

Corktown Station early works are anticipated to directly impact one Provincial Heritage Property of Provincial Significance, OLS-034. OLS-034 is located entirely within the Corktown Station Early Works Project Footprint shown in **Figure 1-1**. All structures currently located on the property will be demolished, including the foundations, as part of Corktown Station early works. Mitigation measures and monitoring activities outlined in **Table 5-1** will be fulfilled by Metrolinx, including any archaeological requirements included as conditions of the Minister's Consent. Further mitigation and monitoring requirements related to archaeological resources are documented in the Ontario Line Final Corktown Station Early Works Report.

If future changes at Corktown Station early works related to scope and/or project footprint result in any impacts to any built heritage resources/cultural heritage landscapes not contained within this Heritage Detailed Design Report, then an amendment and/or further Heritage Detailed Design Report may be required.

7. Permits and Approvals

This section notes that the following permits may be required for the Corktown Station early works construction activities.

Federal

Corktown Station early works will not directly or indirectly impact a National Historic Site or federal heritage building. Therefore, no Parks Canada permits/approvals are required.

Provincial

Corktown Station early works will directly impact a potential Provincial Heritage Property of Provincial Significance located at 265 and 271 Front Street East and 25 Berkeley Street (OLS-034).

As a prescribed public body, Metrolinx has obligations under the Standards and Guidelines for Conservation of Provincial Heritage Properties (prepared under Section 25.2 of the Ontario Heritage Act) to identify, protect, maintain and use provincial heritage properties in a manner that conserves the cultural heritage value or interest of the property. For known or potential Provincial Heritage Properties of Provincial Significance, the Standards and Guidelines require that consent of the Minister of Heritage, Sport, Tourism and Culture Industries be obtained “before removing or demolishing buildings or structures on the property, or before transferring the property from provincial control” (prepared under Section 25.2 of the Ontario Heritage Act).

Metrolinx has sought consent of the Minister of Heritage, Sport, Tourism, and Culture Industries (the Minister) for the First Parliament Site (OLS-034), and consent has been granted by the Minister. Metrolinx is committed to fulfilling all conditions outlined through the Minister’s Consent for the First Parliament Site (OLS-034).

Municipal

Based on the location of the Corktown Station early works components shown in **Figure 1-1**, Corktown Station early works will result in a direct impact to one built heritage resource/cultural heritage landscape – 265 and 271 Front Street East and 25 Berkeley Street (OLS-034), designated under Part IV of the Ontario Heritage Act. Consultation between Metrolinx and the City of Toronto Heritage Planning is ongoing regarding physical impacts to these properties as a result of the Corktown Station early works. Metrolinx will ensure any concerns of the City of Toronto Heritage Planning are resolved prior to demolition.

As a Crown Agency of the Province of Ontario (as a public body prescribed under Ontario Regulation 157/10), Metrolinx is exempt from certain municipal processes and requirements. In these instances, Metrolinx will engage with the municipalities to incorporate municipal requirements as a best practice, where practical, and may obtain associated permits and approvals.

8. References

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[planning.maps.arcgis.com/apps/PanelsLegend/index.html?appid=a90bf1e72b694db5a4892dc6b170688d](http://cot-planning.maps.arcgis.com/apps/PanelsLegend/index.html?appid=a90bf1e72b694db5a4892dc6b170688d).

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Heritage Register Map. City of Toronto. [http://cot-](http://cot-planning.maps.arcgis.com/apps/PanelsLegend/index.html?appid=a90bf1e72b694db5a4892dc6b170688d)

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Appendix A

Key Project Personnel and Qualifications

| Key Personnel Role | Senior Technical Specialist |
|--|---|
| Name: | Adria Grant |
| Years of Experience in the Role: | 20 |
| Education: | 2016 M.A. Applied Archaeology University of Western Ontario 2000 Honours B.A. University of Western Ontario, Anthropology & English |
| Designation(s): | CAHP, APA |
| Summary of Qualifications and Experience: | Adria Grant holds a M.A. in Anthropology and has been active in the field of cultural resource management since 1999. Adria provides senior oversight and technical reviews for the archaeology and heritage components on several Metrolinx projects, including this Cultural Heritage Report, to ensure compliance with Ministry of Heritage, Sport, Tourism and Culture Industries Sample Tables and Language for “Cultural Heritage Report: Existing Conditions and Preliminary Impact Assessment” and Environmental Project Reports (EPR) under Transit Project Assessment Process (TPAP) for Proponents and their Consultants for preparing cultural heritage existing conditions and preliminary impact assessment under TPAP (Ministry of Heritage, Sport, Tourism and Culture Industries 2019), as well as the Memorandum of Understanding between Metrolinx and the Ministry of Heritage, Sport, Tourism and Culture Industries. |

| Key Personnel Role | Cultural Heritage Specialist- Project Lead |
|--|---|
| Name: | Tara Jenkins |
| Years of Experience in the Role: | 08 |
| Education: | 2016 Graduate Professional Certificate in Cultural Heritage Studies (GPCertCHS) – Heritage Planning Option University of Victoria 2011 M.A. McMaster University, Anthropology 2007 Honours B.A. McMaster University, Anthropology 1999 B.A. McMaster University, Anthropology |
| Designation(s): | CAHP |
| Summary of Qualifications and Experience: | Tara Jenkins holds a M.A. in Anthropology and a Graduate Professional Certificate in Cultural Heritage Studies. She has over 20 years of experience working in the field of cultural resource management (CRM) and is a member of the Canadian Association of Heritage Professionals (CAHP). She has gained practical experience as a Cultural Heritage Specialist and has been the acting Project Manager for various projects including Cultural Heritage Evaluation Reports, Heritage Impact Assessments, and Cultural Heritage Resource Assessments. In her role as a Project Manager, Tara provides specialized advice and expertise to clients and stakeholders on heritage |

| Key Personnel Role | Cultural Heritage Specialist- Project Lead |
|---------------------------|--|
| | <p>matters. She is also a voting member on London's Advisory Committee on Heritage. Tara has published articles and chapters in peer-reviewed and other recognized journals and books. She has taught at the university level in lecture and seminar environments and has been a guest speaker for academic conferences. Project work includes the application of legislation, policy framework, and tools such as the Ontario Heritage Act, Provincial Policy Statement, the Ontario Heritage Tool Kit, the Standards and Guidelines for the Conservation of Historic Places in Canada, various Class Environmental Assessment processes and other policies and processes outlined by the Ontario Ministry of Heritage, Sport, Tourism, and Culture Industries.</p> |

| Key Personnel Role: | Junior Cultural Heritage Specialist |
|--|---|
| Name: | Liam Smythe |
| Years of Experience in the Role: | 04 |
| Education: | B. URPI / Ryerson University/ 2014 Certificate in Cultural and Heritage Site Management/Centennial College/2015 |
| Designation(s): | |
| Summary of Qualifications and Experience: | <p>Liam Smythe is a Junior Cultural Heritage Specialist in the Cultural Resource Management Department at AECOM. He completed his Bachelor of Urban and Regional Planning at Ryerson University, and a Postgraduate Certificate in Cultural and Heritage Site Management at Centennial College. Liam has previously worked as a policy and program assistant with the Ministry of Tourism Culture and Sport, assisting in the development and implementation of the Standards and Guidelines for the Conservation of Provincial Heritage Properties. With MTCS he helped develop a compliance survey to assess the level at which ministries and prescribed public bodies were complying with the regulations, as well as updating the heritage bridge list and identifying a series of best practices in heritage conservation at the provincial level. Working with other Ryerson University students, he conducted a comprehensive study of heritage resources in Toronto's Corktown neighbourhood on behalf of the Corktown Business and Residents Association. He has formerly volunteered with Heritage Toronto, and completed a collections management internship with the Ontario Heritage Trust. Liam's responsibilities at AECOM include: Conducting archival and other historic research, field reviews, photography, preparing documents and reports.</p> |