



UNION STATION ENHANCEMENT

TORONTO, ON



QUICK FACTS

- + Design-Bid-Build
- + Bus and Train Station
- + Smith + Andersen
Mechanical and Electrical





METROLINX GO TRANSIT UNION STATION ENHANCEMENT PROJECT

ABOUT THIS PROJECT

- + Union Station Enhancement Project (USEP) involves the enhancement and expansion of Union Station to accommodate more frequent (and higher speed) train service, increased passenger demand levels, and the electrification of the Metrolinx rail network through the Greater Toronto and Hamilton Area.
- + USEP includes two Design-Bid-Build (DBB) and two Design-Build-Finance (DBF) contracts, with the potential for additional DBB contracts should scheduling and phrasing require it. Smith + Andersen is part of the design team on each DBB contract and the technical advisor on the DBF projects.
- + Part of the main DBB work includes the upgrade of existing low-voltage systems within the train shed (such as public address, CCTV, and PINS digital signage), as well as adding Wi-Fi and infrastructure for a future distributed antenna system (which boosts cellular signal quality).
- + Includes the completion of previously procured platform lighting, the installation of feature lighting within the atrium glass box, new platform lighting beneath the atrium glass box and near vertical access elements, and lighting control upgrades.
- + Employs a custom low-voltage wireway “spine” to consolidate new devices above platforms, including speakers, microphones, cameras, digital signage, wireless access points, media converters, power supplies, lighting, and static signage.

LOCATION
Toronto, ON

**SMITH + ANDERSEN
SERVICES PROVIDED**
Mechanical, Electrical

BUDGET
Confidential

COMPLETION YEAR
2024

HOT BUTTONS

DESIGN-BID-BUILD

TRANSPORTATION

MECHANICAL DESIGN

ELECTRICAL DESIGN

EXPANSION

EQUIPMENT UPGRADE

DBF

GOVERNMENT

