



## Metrolinx Project Summary

Metrolinx, UP Express and Gormley GO Stations, Toronto, Ontario, Canada

September 2014



## Project Summary

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**Metrolinx** is an agency of the Government of Ontario that manages and integrates road and public transport in the Greater Toronto and Hamilton Area. Metrolinx owns and operates the Government of Ontario Transit network (GO Transit) and the Union Pearson Express network (UP Express).

In 2014, Metrolinx commissioned NANOV DISPLAY INC. to provide 115 units of 46" and 55" weatherproof, sunlight-readable, single-sided LCD digital signs for both their UP Express and GO Transit stations throughout the Greater Toronto Area. These digital signs became the first CUL-listed sunlight-readable IP65 exterior transfective monitors in Canada.

The specifications of the public information display signs (PIDS) include but are not limited to:

- Custom-designed single-sided 46" and 55" PIDS that can display real-time transit information under extreme Canadian weather conditions and temperatures from -20°C to 40°C
- IP67 rated aluminum alloy enclosure designed to effectively transfer heat and prevent water entry
- Sunlight-readable screens with HD resolution (1920 x 1080)
- Vandal proof, tamper-proof, 1/4" glass screens with 3M solar heat reduction film coating
- Multiple inputs for HDMI, VGA, DVI-D and remote control.
- Intelligent HVAC system and auto-ambience system



Figure 1: NANOV 46" Outdoor Real-Time Single-Sided Transit Signs featuring ceiling and wall mounts at UP Express Bloor Station in Toronto, Ontario.



Figure 2: NANOV 46" Outdoor Real-Time Single-Sided Transit Signs featuring ceiling and wall mounts at UP Express Bloor Station in Toronto, Ontario.





Figure 3: NANOV 55" Outdoor Real-Time Single-Sided Transit Sign featuring ceiling mounts at GO Transit Gormley Station in Richmond Hill, Ontario.



Figure 4: NANOV 55" Outdoor Real-Time Single-Sided Transit Sign featuring pole mount at GO Transit Gormley Station in Richmond Hill, Ontario.



Figure 5: NANOV 46" Outdoor Real-Time Single-Sided Transit Sign featuring ceiling mount at GO Transit & UP Express Weston Station in Toronto, Ontario.



Figure 6: NANOV 46" Outdoor Real-Time Single-Sided Transit Signs featuring ceiling and wall mounts at GO Transit & UP Express Weston Station in Toronto, Ontario.



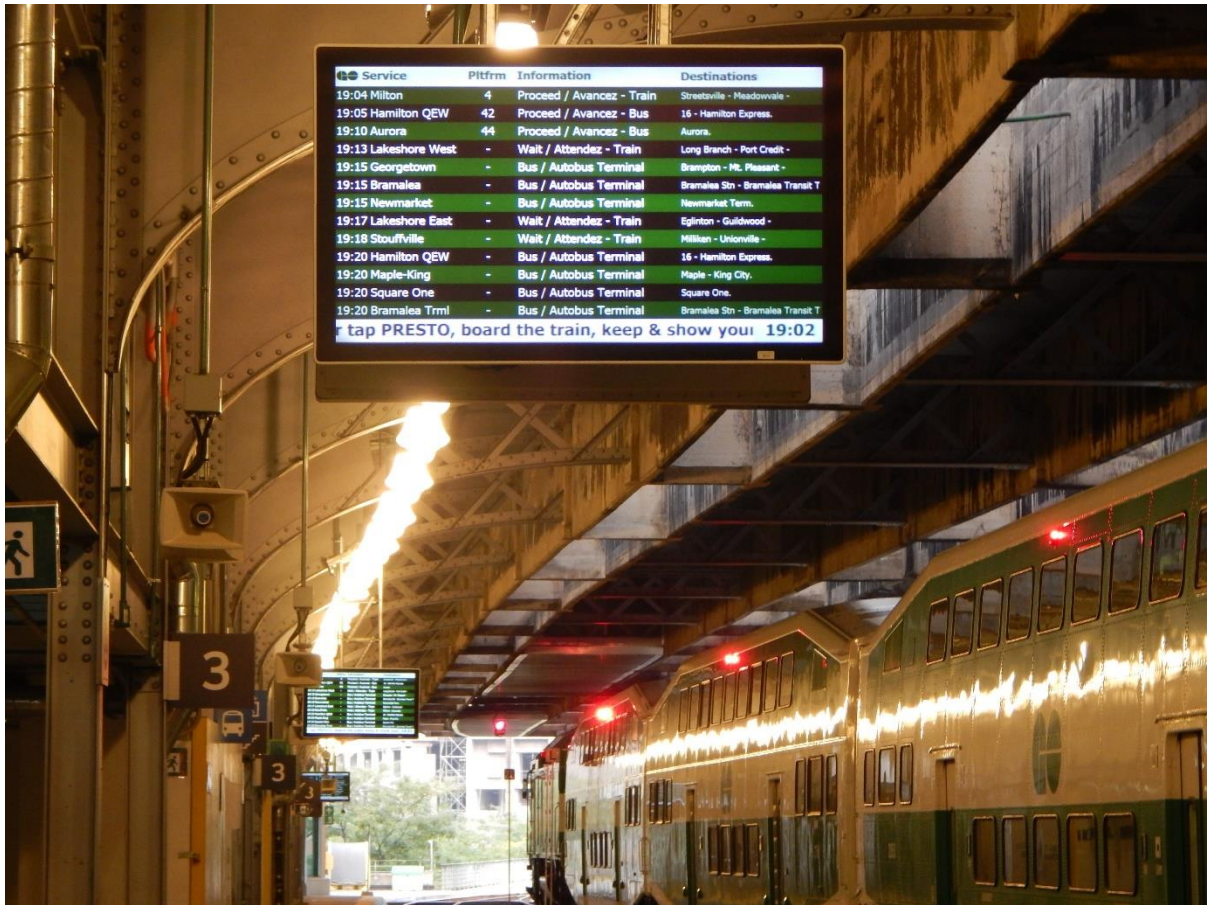


Figure 7: NANOV 55" Outdoor Real-Time Single-Sided Transit Signs featuring ceiling mounts at GO Transit & UP Express Union Station in Toronto, Ontario.