



LRT Update

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Joint Metrolinx/TTC Board of Directors Meeting
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Eglinton Crosstown LRT

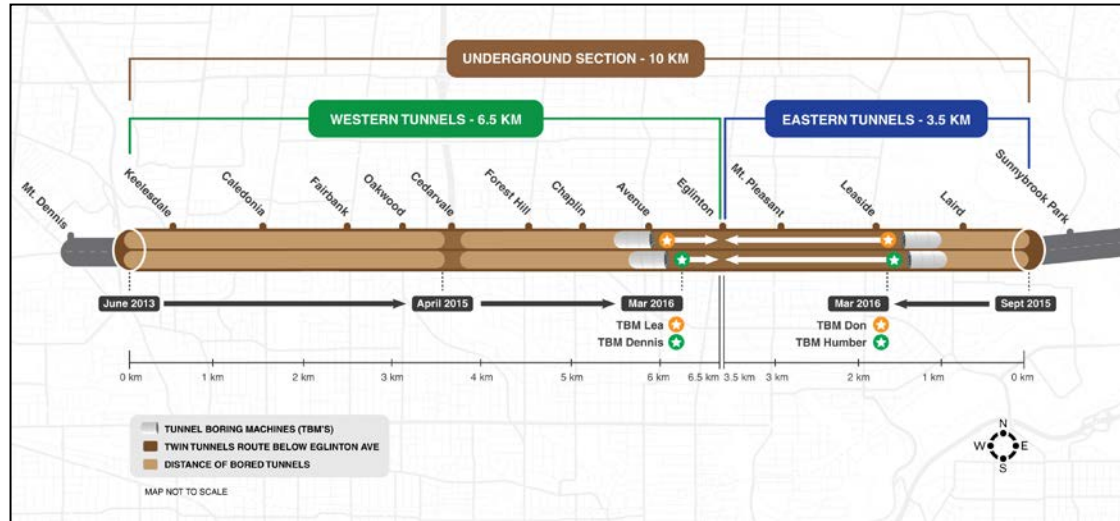
Overview:

- 19 km of light rail transit running along Eglinton Avenue from Mount Dennis Station at Weston Road to Kennedy Stations, including a 10 km underground section between Keele Street and Laird Drive.
- 25 stops and stations.
- Includes a maintenance and storage facility.
- Capital construction budget of \$5.3 billion (2010\$).



Eglinton Crosstown LRT: Tunneling

- Western Tunnels:
 - Total length: 6.5 km.
 - Current location: Between Avenue Road and Yonge Street.
 - Progress: More than 6 km complete. Scheduled completion date is February 2017.
- Eastern Tunnels:
 - Total length: 3.5 km.
 - Current location: Bayview Avenue (Leaside Station)
 - Progress: Approximately 1.5 km complete. Scheduled completion date is February 2018.



Eglinton Crosstown LRT: AFP

Status:

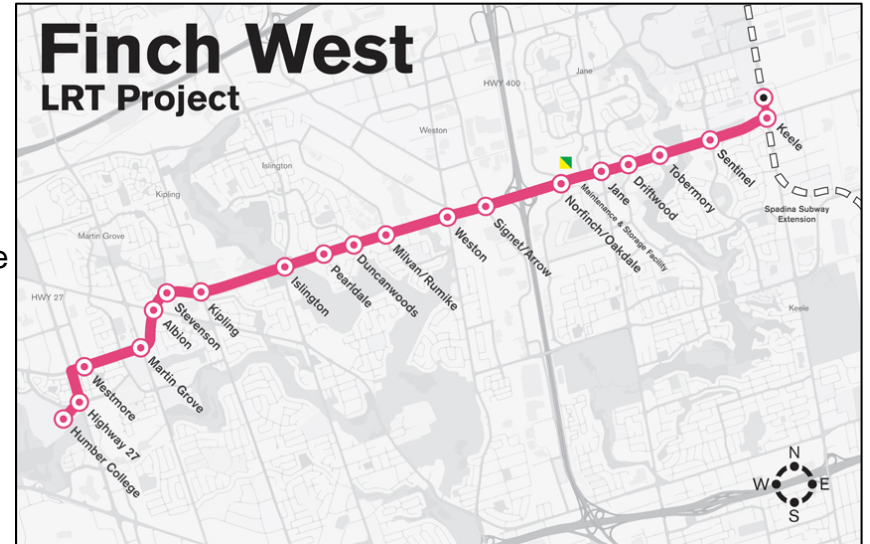
- Crosslinx Transit Solutions (Crosslinx) was awarded the AFP contract to design, build, finance and maintain the Eglinton Crosstown LRT in July 2015.
- Station names for all 25 Crosstown Stations were approved by the Metrolinx Board of Directors in January 2016.
- Metrolinx and Crosslinx are now working together on the final design of the line. On December 23, Crosslinx submitted a 30% alignment design package, as well as the 30% Keele Station design package.
- Ground breaking on March 10, 2016 to start construction of the Keelesdale station. It is the first of Eglinton's 25 stations to begin construction.

Eglinton Crosstown LRT Milestones	Forecasted Date
AFP Package Financial Close	24-Jul-15
First of the 30% Station Design Package submissions	23-Dec-16
Construction Starts	01-Mar-16
Tunnel Section 1 Handover	30-Apr-16
30% At-grade and Stops 30% Design Packages	07-Jun-16
Revenue Service	Sept-21

Finch West LRT

Overview:

- 11 km of light rail transit across the centre of Finch Ave West between the new Finch West Subway Station and Humber College.
- 16 surface stops along Finch Avenue and a below-grade terminus at Humber College and an underground interchange station at the new Finch West Subway Station.
- Includes a maintenance and storage facility (MSF). The Environmental Assessment for the MSF commenced in May 2015 and the Notice to Proceed was received on October 1, 2015.
- Capital construction cost of \$1.0 billion (2010\$)



Finch West LRT

Status:

- The Finch West LRT is being procured as an AFP project in collaboration with Infrastructure Ontario.
- The Request for Qualifications (RFQ) was issued on October 8 and closed on November 4, 2015. After a joint Metrolinx-IO evaluation of the submissions, three consortia were short-listed to bid on the Request for Proposals (RFP) which was released on February 19, 2016.
- Metrolinx is working with the TTC on operational considerations, specifically performance analysis and operating hours.

Finch West LRT Milestones	Forecasted Date
RFQ Proponent Selection	10-Feb-16
Issue RFP	19-Feb-16
RFP Close	13-Oct-16
Financial Close	11-Apr-17
Construction to Begin	Mid-2017
Expected Revenue Service	Dec-21

Operating Agreement

- The Operating Agreement will form the basis for all Metrolinx-owned and TTC-operated LRT lines (like the Eglinton Crosstown and Finch West LRTs).
- The Operating Agreement must align with:
 - The Master Agreement;
 - The Project Agreement; and
 - The Project Work Schedule.
- The Operating Agreement consists of a commercial component and technical annexes.
 - The commercial component is currently in early development.
 - The technical annexes are further advanced.

Operating Agreement: Technical Annexes

- The Operating Agreement is comprised of Technical Annexes, which cover the needs of physically operating the system. Metrolinx and TTC staff will be preparing these documents, with the objective of finalizing draft material by the end of 2016.
- The Technical Annexes include:
 1. Owners Safety Management System
 2. Specific Requirements of the Operator
(i.e. Customer Services, Operating plan, Emergency Procedures, Service Levels, Hand Off, Rules and Regulations, Training etc.)
 3. Key Individuals
(i.e. Key positions critical to the success of the contract that are subject to approval from Metrolinx)
 4. Submittals, Plans & Reviews
(i.e. Plans and procedures to be submitted to Metrolinx for review and approval by the operator, such as crew schedule, train handover schedule, revenue protection plan, etc.)
 5. Quality Management
 6. Operator Mobilization and Service Readiness
 7. Communications and Public Engagement Protocol
 8. Resourcing
(i.e. Staffing plan to perform its services in accordance with the project schedule, including organization charts, staff numbers etc.)
 9. Payments and Performance
 10. Record Provisions
(i.e. Records relating to drawings or submissions, statutory inspections or audits undertaken, the daily operating logs etc. and the storage requirements of these records.)