Procurement Phase

• Request for Proposal (RFP) was issued on April 13, 2018 to three shortlisted bid teams:
  
  • CityLine Transit Group
  • Ei8ht Transit
  • Mobilinx
Preliminary Design Revisions

• Routing and layout largely unchanged from Environmental Project Report (EPR) Addendum.
• Primarily centre-running from McMaster to Eastgate.
• Corridor is complex and confined.
• Design continues to evolve based on better information.
• Issues and challenges have necessitated design revisions.
Preliminary Design Revisions

Eastgate Square Stop

- Relocated from centre of Queenston Road to north side of Queenston Road.
- Better integration with transit terminal and mall.

Queenston Road – Parkdale Avenue to Strathearne Avenue

- Reduce travel lanes from two per direction to one per direction.
- Minimizes potential neighbourhood traffic impacts.
Preliminary Design Revisions

King Street – The Delta to Gage Avenue

• LRT shifted to north side of road to provide two westbound travel lanes.
• Improves traffic circulation through “The Delta”.
• Improves constructability of grade separation.
• Assists utility relocation.
• Minimizes property impact on south side.
Preliminary Design Revisions
Preliminary Design Revisions
Preliminary Design Revisions
Preliminary Design Revisions
Preliminary Design Revisions

International Village

- Will function as a “shared” street.
- Similar in look and feel to Gore Park.
- Street trees and planter beds will be incorporated.
- Opportunities for shade are being explored.
- King Street will function as a service road.
- Through traffic will be discouraged to improve pedestrian comfort and safety.
Preliminary Design Revisions
Preliminary Design Revisions

King Street – John Street to Bay Street

• LRT shifted to south side of road to provide two westbound travel lanes.
• LRT stop shifted to west side of James Street intersection.
• Improves access to MacNab Street Terminal and parking garages.
• Improves routing/access for Emergency Services.
• Improves circulation for transit and general traffic.
Preliminary Design Revisions

King Street – Strathcona Avenue to Dundurn Street

• LRT shifted to south side of road to provide two westbound travel lanes.
• Minimizes property impacts on the north side.
• Improves operation of Dundurn Street intersection.

Longwood Road Bridge

• Will be constructed with two travel lanes per direction, sidewalks on both sides and a fully protected, bi-directional cycletrack.
Preliminary Design Revisions

Longwood Road Bridge

EXISTING

PROPOSED
Preliminary Design Revisions
Preliminary Design Revisions
Preliminary Design Revisions
Construction Staging/Phasing Constraints

Principles

• Access to homes and businesses must be maintained at all times.
• Construction must be focussed and continuous through an area.
• Road closures are limited to 1 construction season (12 months).
• North/south crossings are critical.
Construction Delay Mitigation & Warranties

• Full inspection rights + standard 2 year warranty.
• Monetary deductions for schedule delays.
• Claim mechanisms for actual/verifiable damages.
• Design-Build-Finance-Operate-Maintain (DBFOM) model creates accountability and incentives to complete the project on time.
• Must commit to a Substantial Completion date.
• Delays results in significant costs.
  • Higher interest rates + penalties.
  • Stand-by costs to operator.
Operations & Maintenance

• Metrolinx is seeking a common approach for all LRT projects (Mississauga, Brampton and Toronto).

• Division of duties is preliminary; subject to negotiations.

• **Metrolinx**
  • Life-cycle capital rehabilitation costs.

• **City of Hamilton**
  • Day-to-day operations and maintenance costs.
  • Set fares and retain all revenues.
Property Acquisition

- Approximately 300 partial property acquisitions.
- Approximately 90 full property purchases.
- “Willing buyer/willing seller” negotiations.
- To date, 22 full properties have been purchased.
- Negotiations active on several other properties.
- Partial acquisitions will start in 2018.
- Where necessary, expropriation may be required.
Community Engagement

Since May 2016 the LRT Team has engaged and consulted with the following:

• 100 + stakeholder and community groups.
• 60 + community events (9,000 + attendees).
• Community Connectors have recently completed their 5th canvass, visiting approximately 1,400 properties along the LRT corridor.
Community Engagement
Community Engagement
Next Steps

- Continue to assist Metrolinx with the procurement process.
  - Respond to Requests for Information (RFI).
  - Participate in proponent meetings.
  - Participate in bid evaluation.
- Continue property acquisition.
- Refine Operations & Maintenance cost estimates.
- Negotiate Operations & Maintenance agreement.
Questions?