

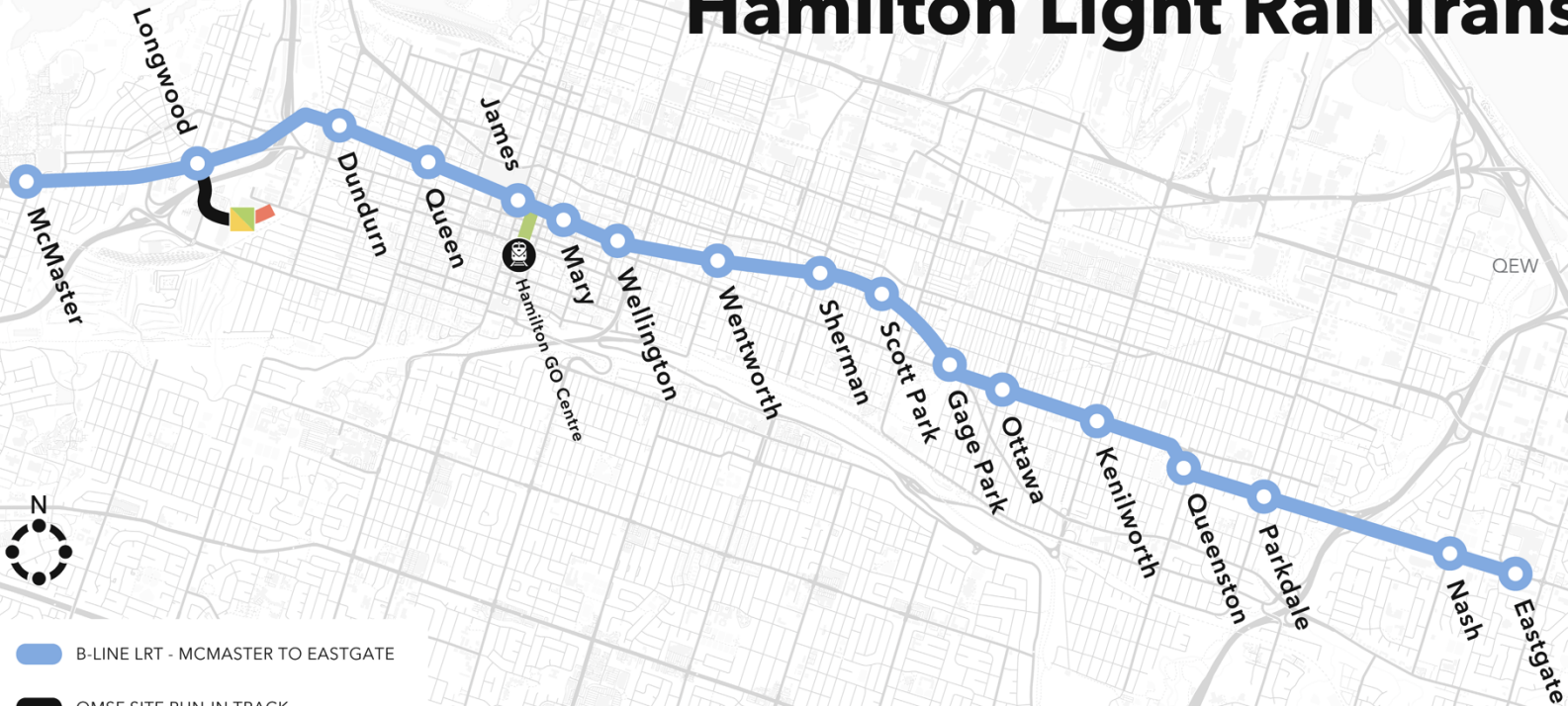
HAMILTON LIGHT RAIL TRANSIT






**PROJECT UPDATE
GENERAL ISSUES COMMITTEE**

December 4, 2019



Hamilton Light Rail Transit



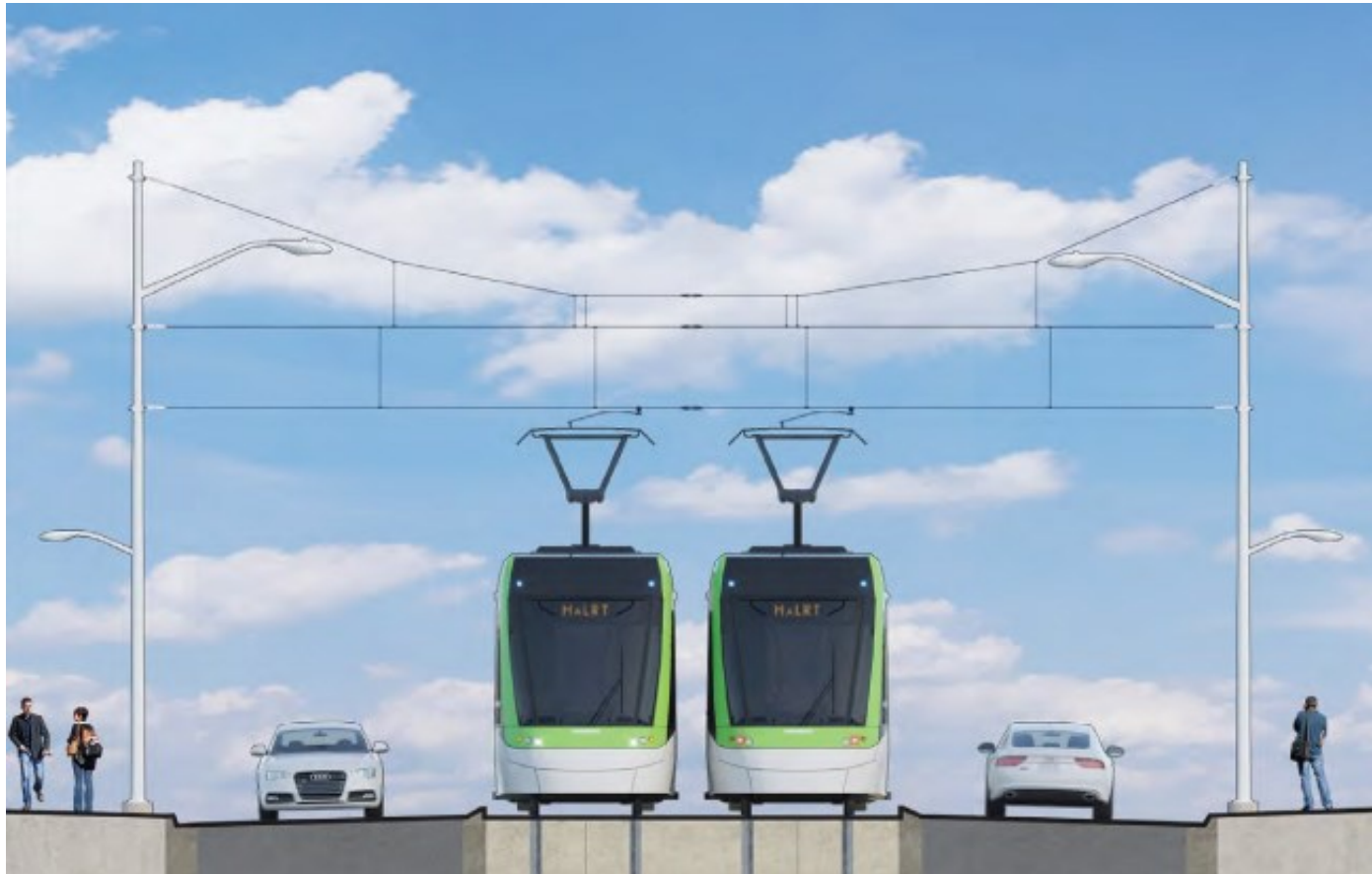
-  B-LINE LRT - MCMASTER TO EASTGATE
-  OMSF SITE RUN-IN TRACK
-  FRID STREET EXTENSION
-  PEDESTRIAN CONNECTION
-  OPERATIONS, MAINTENANCE & STORAGE FACILITY (OMSF)



General Arrangement



General Arrangement



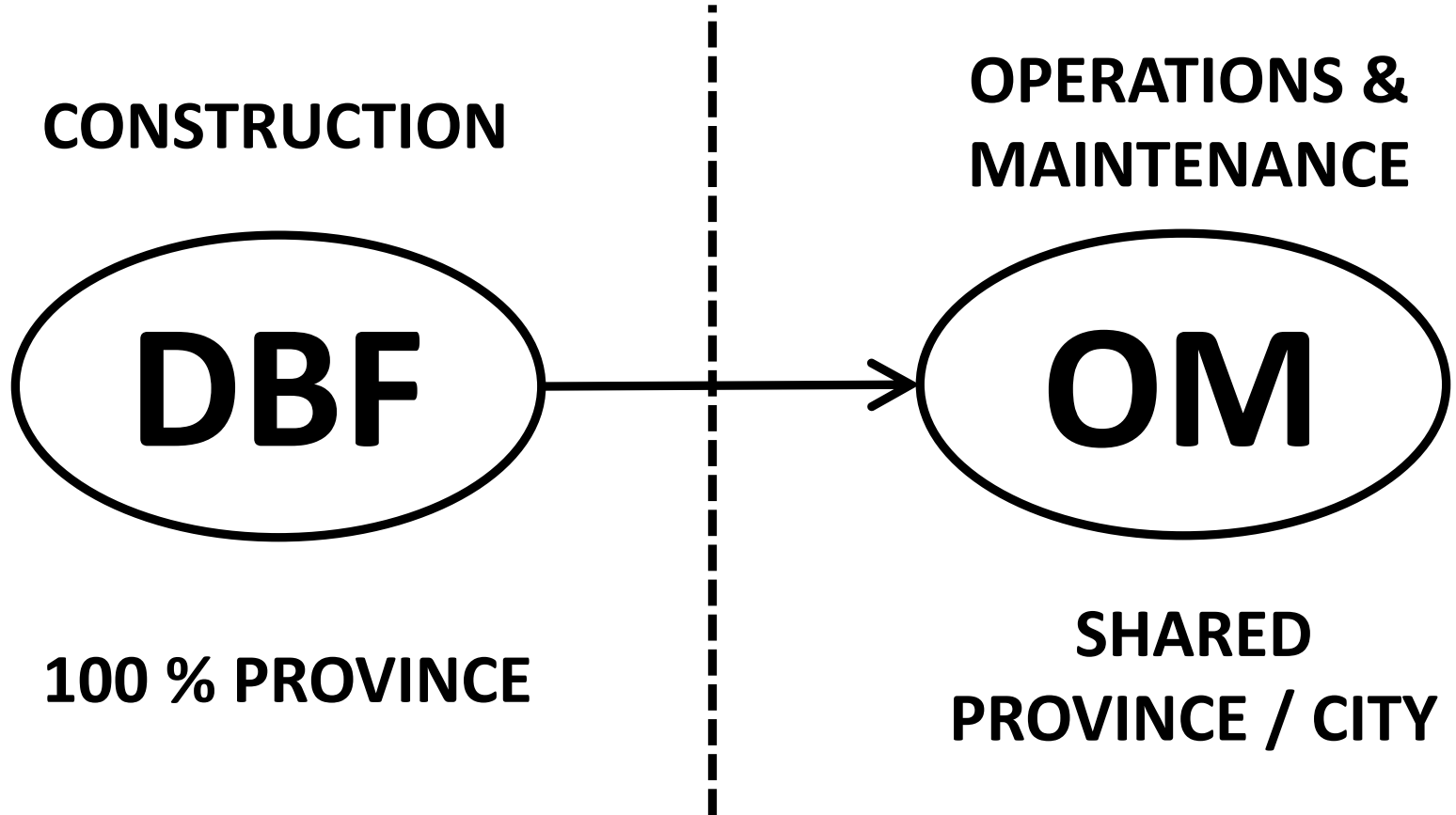
General Arrangement



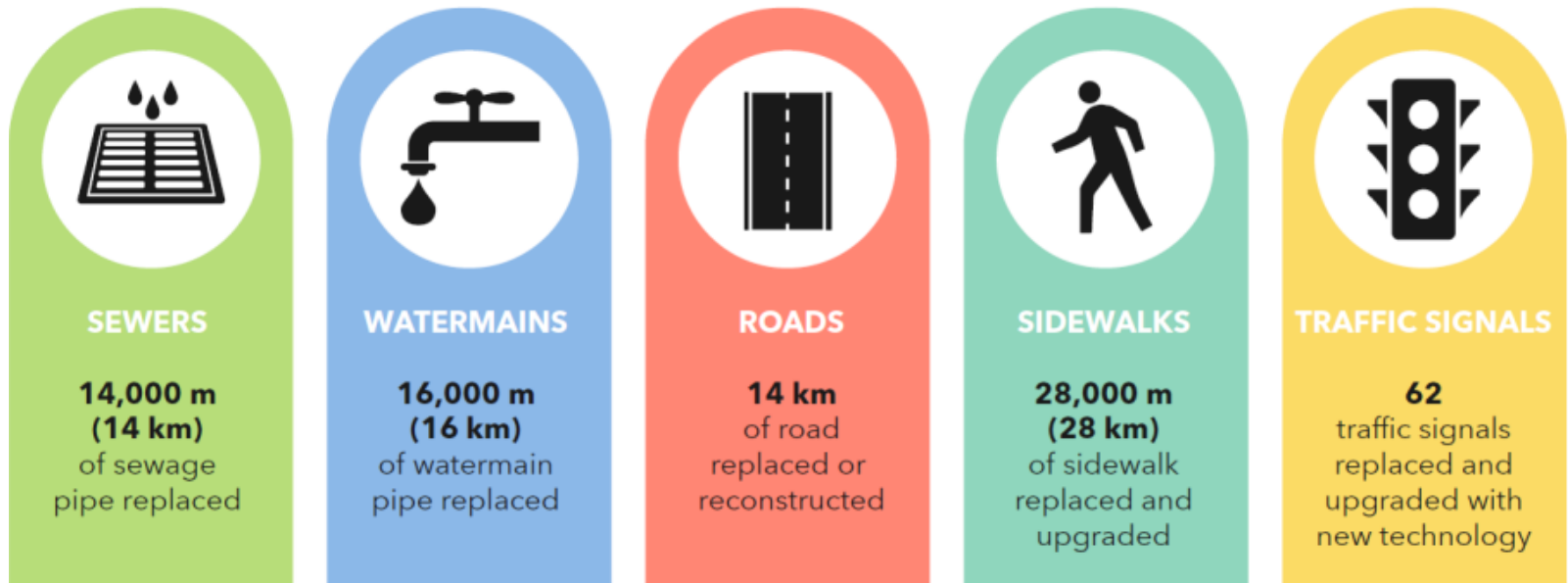
General Arrangement



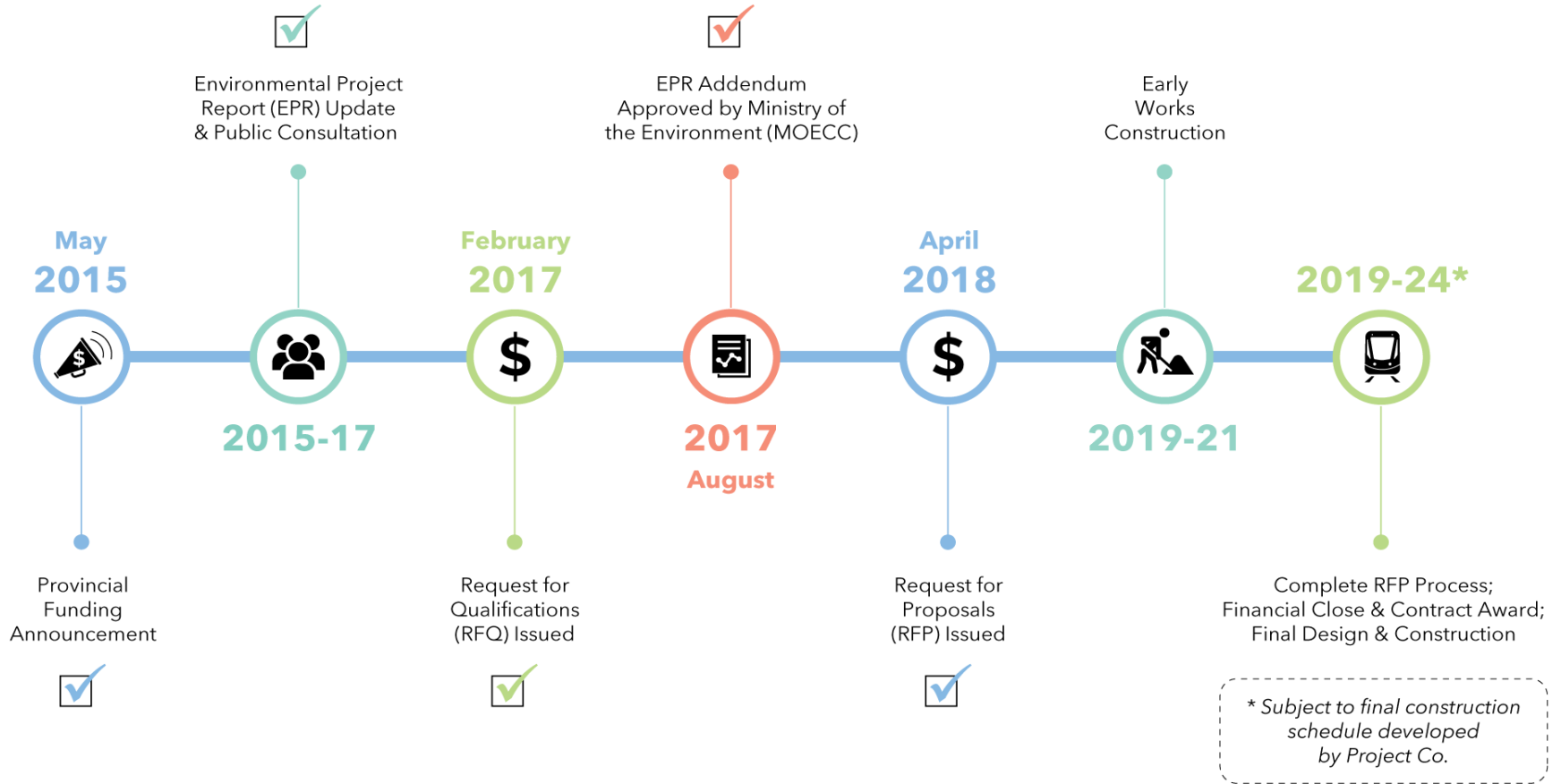
Project Delivery



Infrastructure Investment



Project Timeline



Project Spending

As of September 30, 2019

- \$162 Million spent
- \$22 Million committed
- \$184 Million total
- \$80 Million on property
- Compliance with MTO Capital Cost Eligibility Criteria.

Property Acquisition

Overall

- 90 full purchases
- 300 + partial purchases

To Date

- 60 full purchases complete
- Partial purchases starting
- Expropriations to follow

Demolition & Tenant Support

- 15 residential properties to date
- 55 residential units
- 40 occupied / 15 unoccupied
- 66 people requiring support
- 43 people accommodated to date
- Demolitions will start in the New Year.

Community Engagement



Community Engagement



Early Works Projects

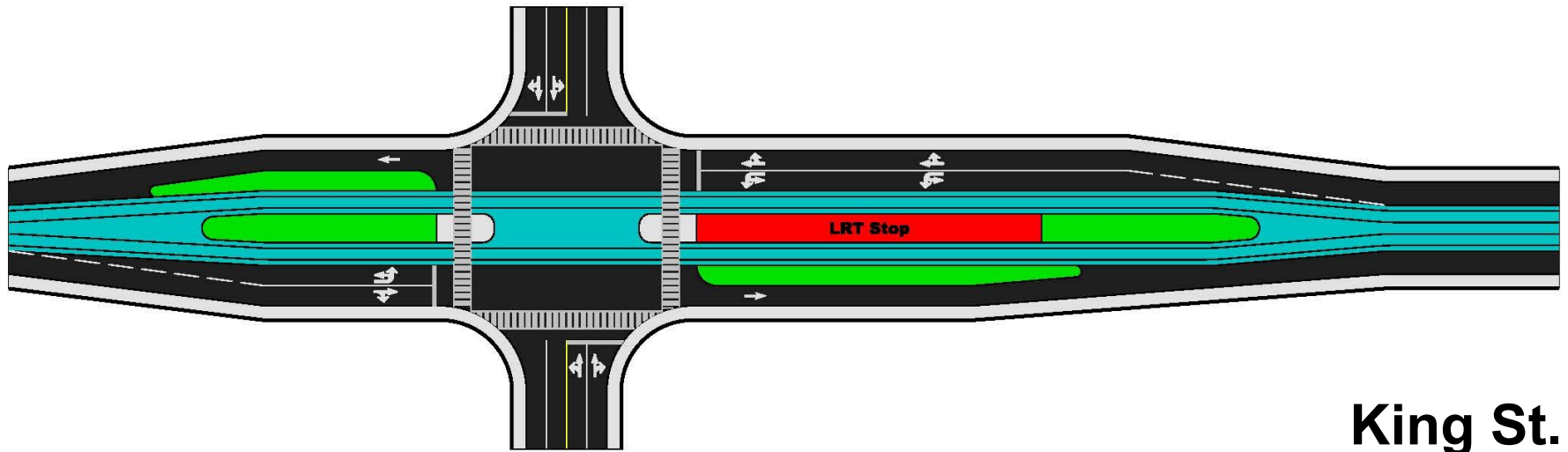
- Main St. E., Delana Ave. to Rosewood Rd.
 - Watermain and sewer relocation.
- Sherman Ave., King St. to South Limit.
 - Watermain relocation
- Wentworth St., King St. to Wilson St.
 - Watermain relocation
- York Blvd., Dundurn St. to Hess St.
 - Bike lane and intersection improvements

Design Evolution

User Hierarchy

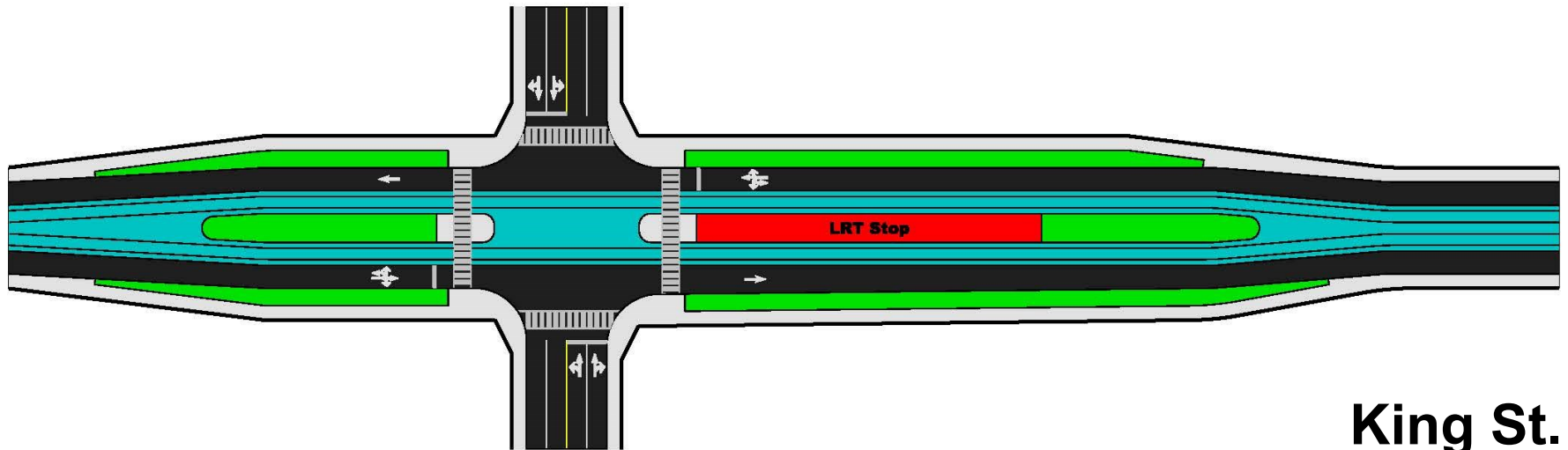
1. Pedestrians
2. Transit Vehicles (LRT & Buses)
3. Local access, business delivery
4. Through traffic, cars & trucks

Design Evolution



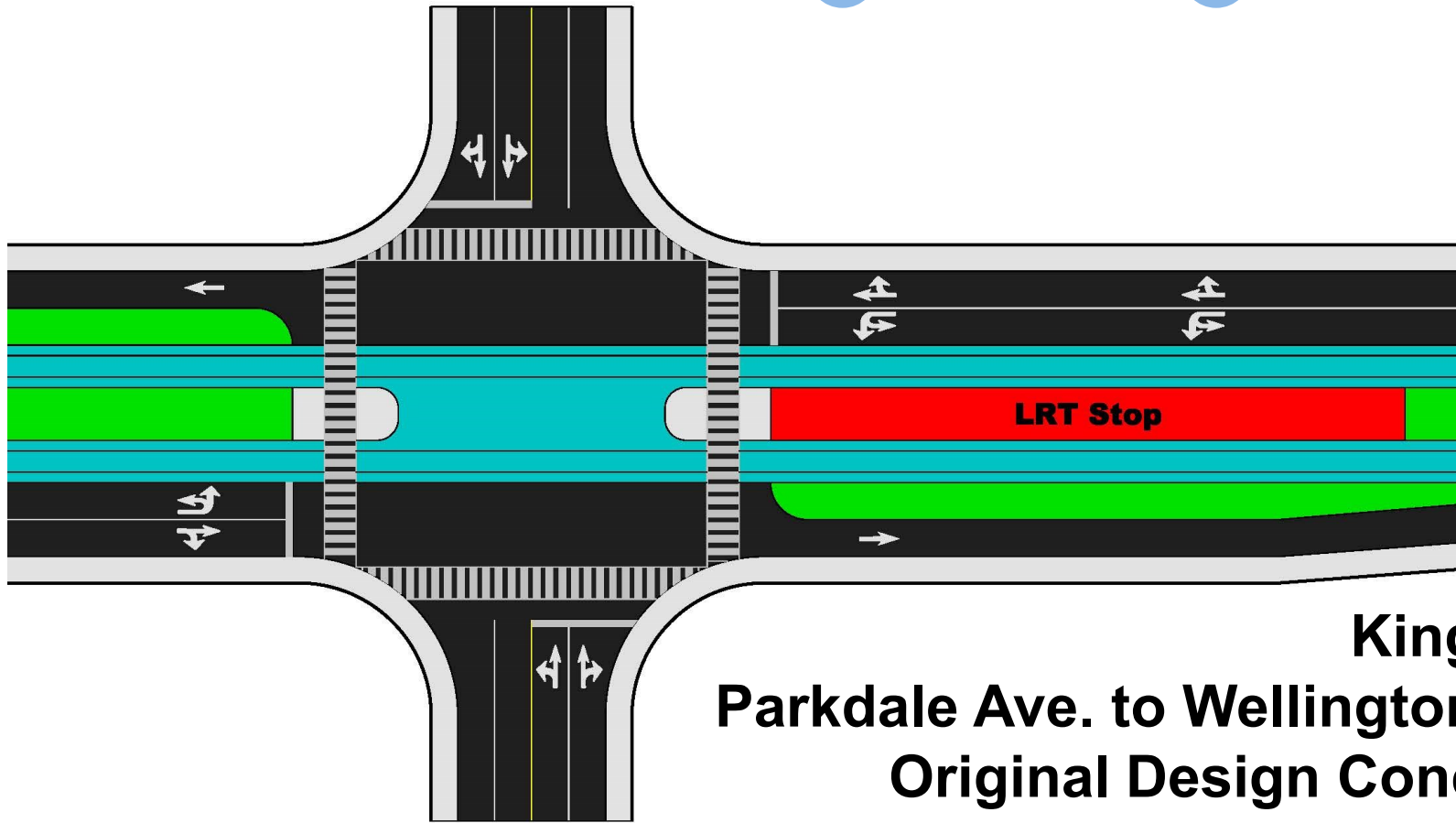
**King St.
Parkdale Ave. to Wellington St.
Original Design Concept
Left Turn Lanes Provided**

Design Evolution



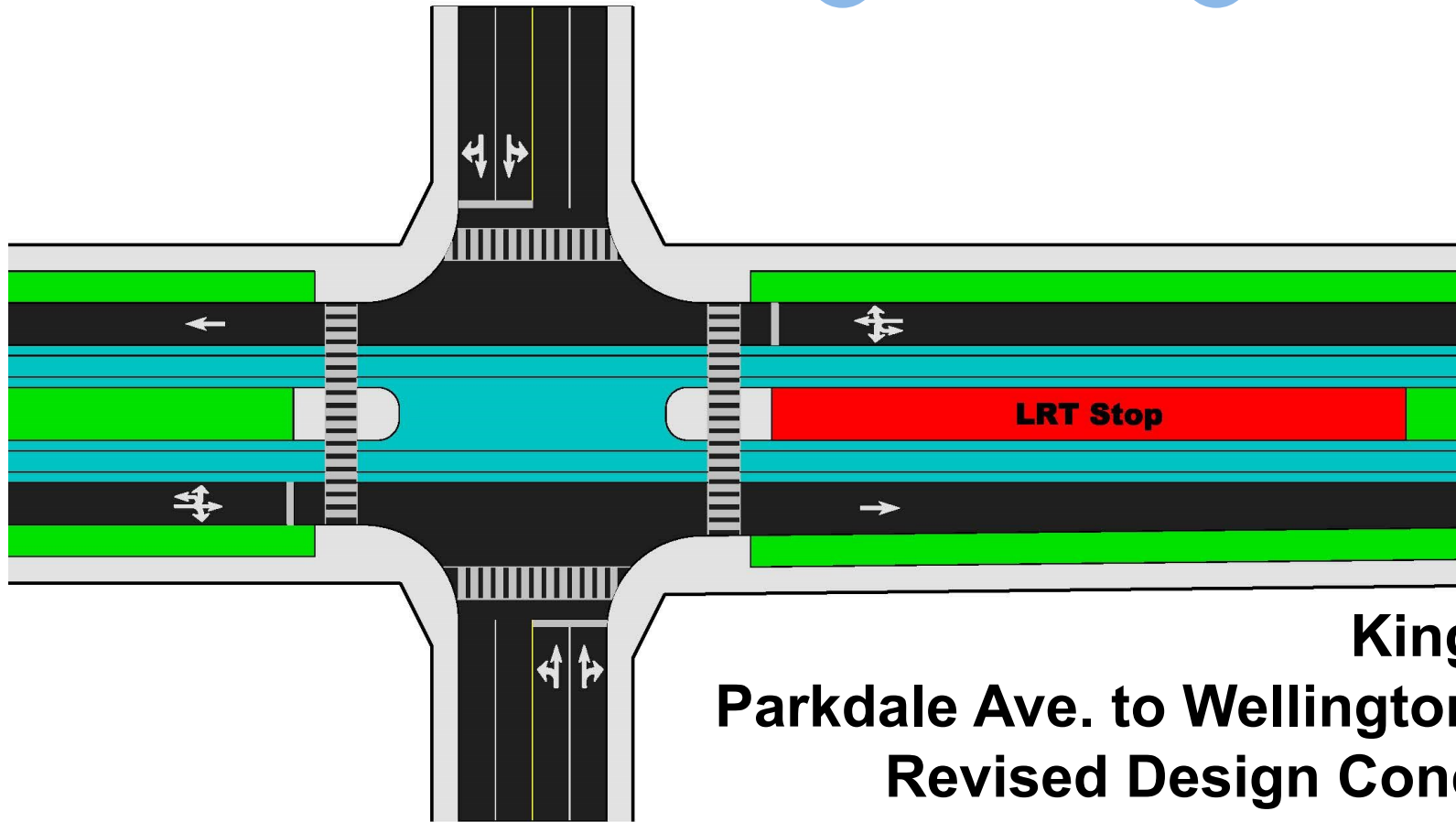
**King St.
Parkdale Ave. to Wellington St.
Revised Design Concept
No Left Turn Lanes**

Design Evolution



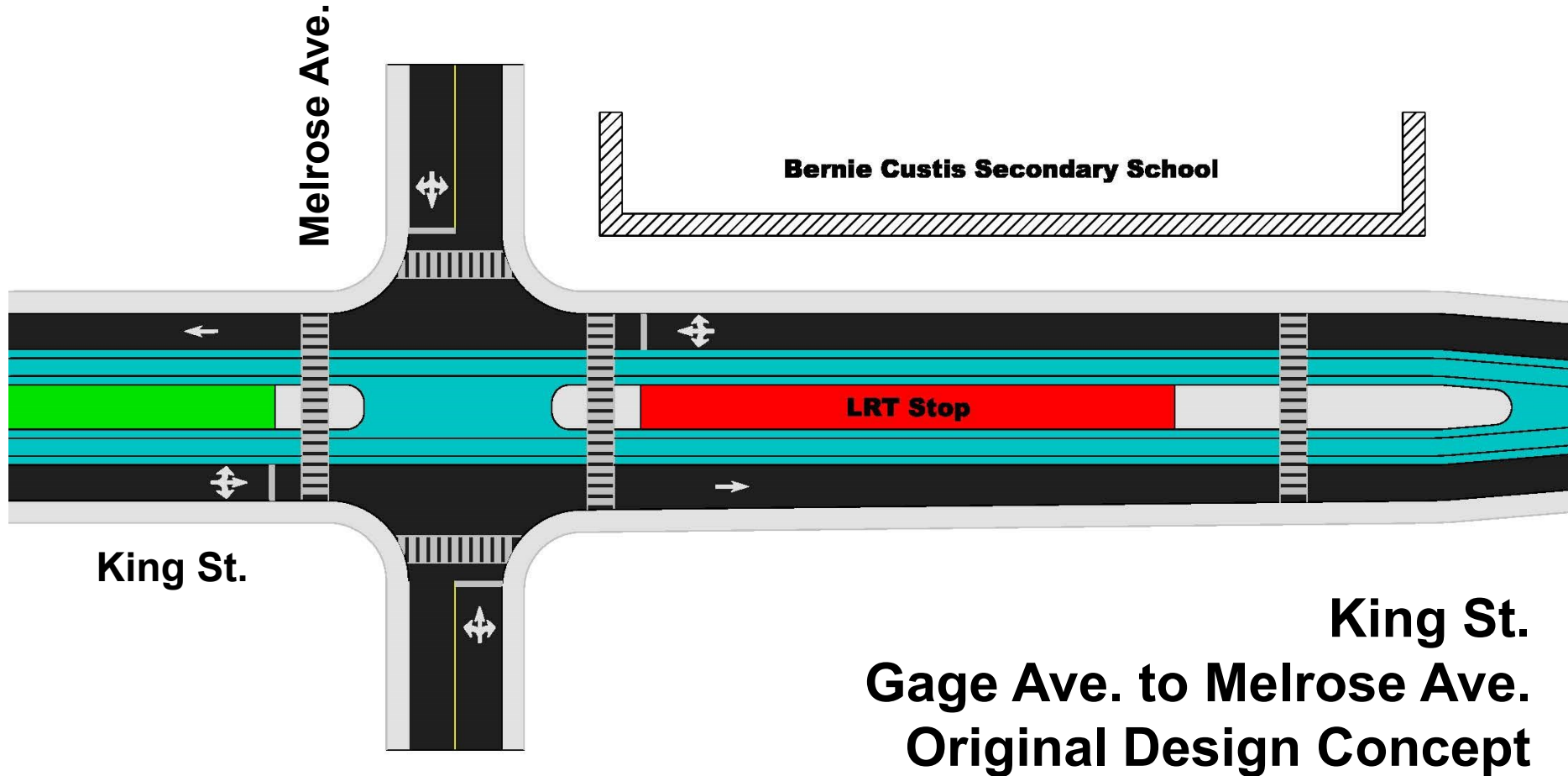
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Parkdale Ave. to Wellington St.
Original Design Concept
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Design Evolution

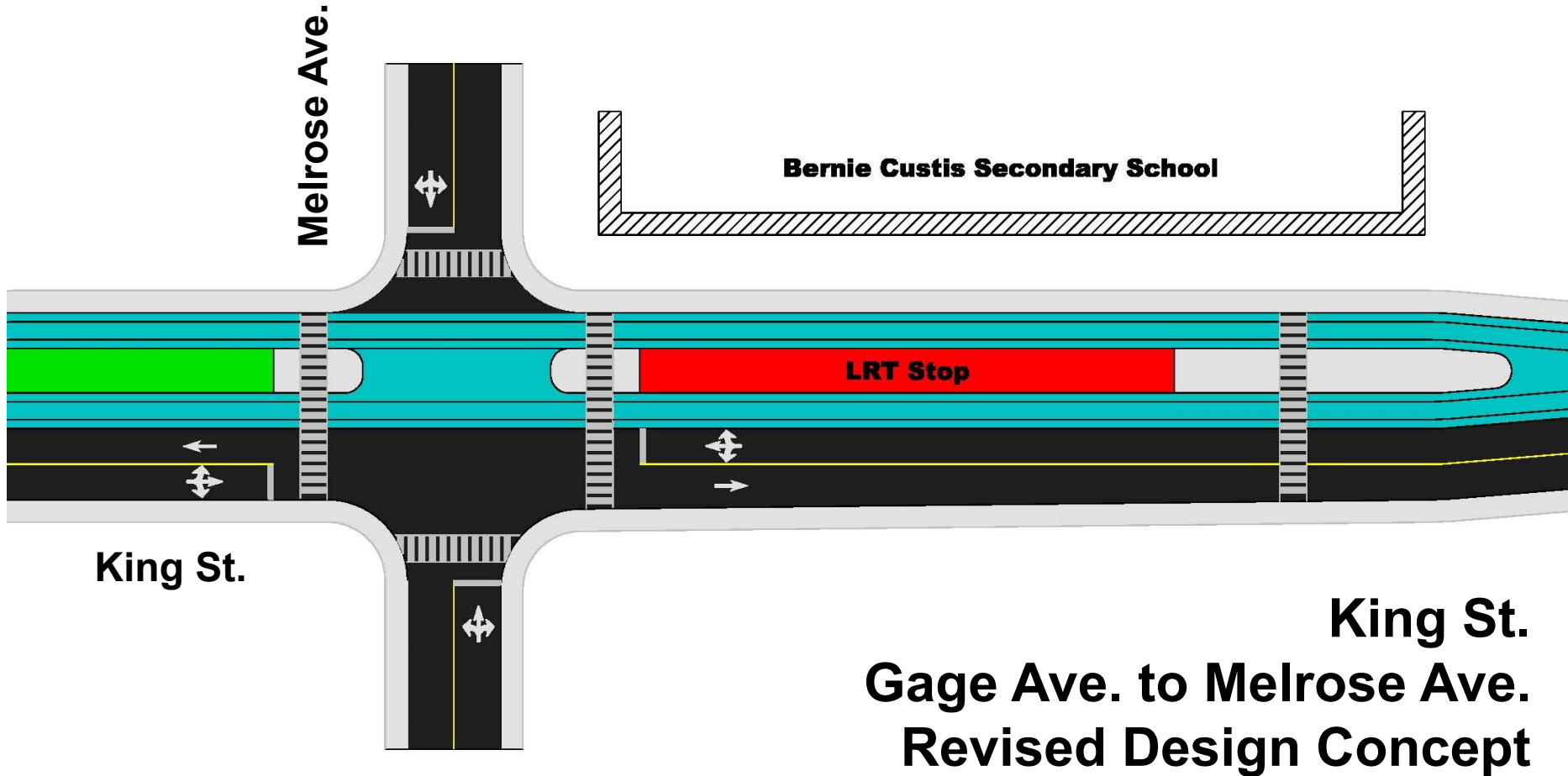


**King St.
Parkdale Ave. to Wellington St.
Revised Design Concept
No Left Turn Lanes**

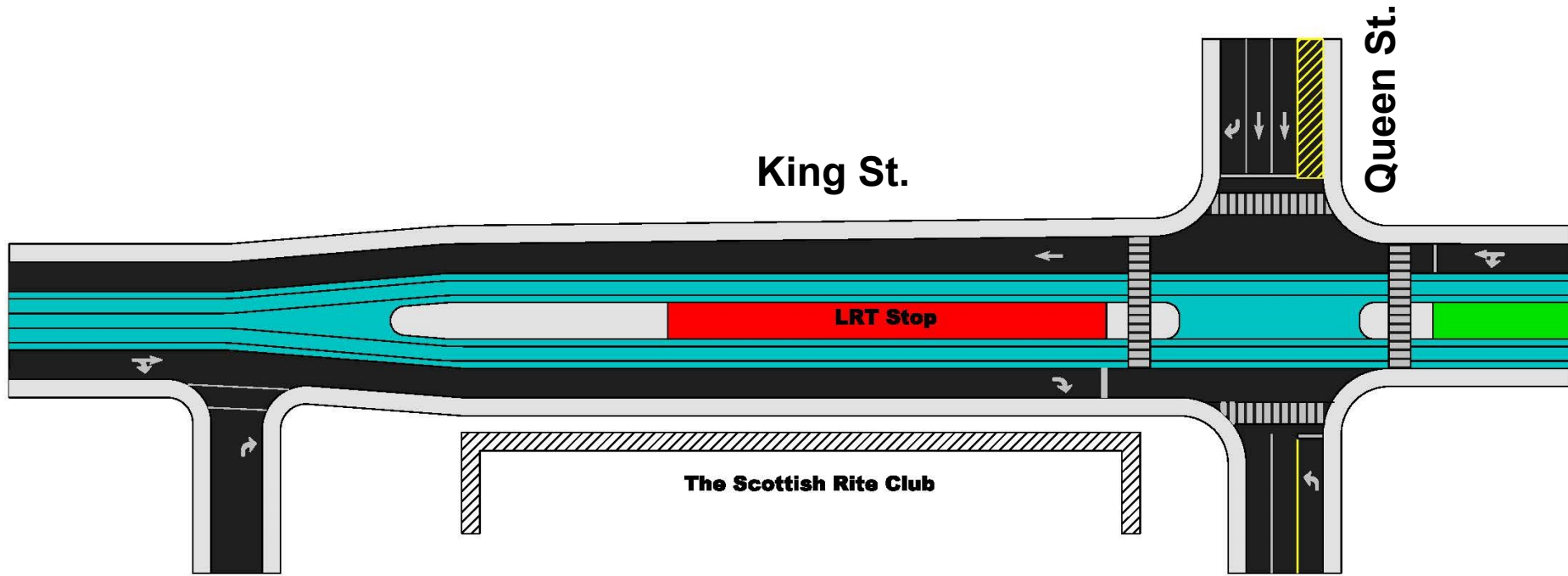
Design Evolution



Design Evolution

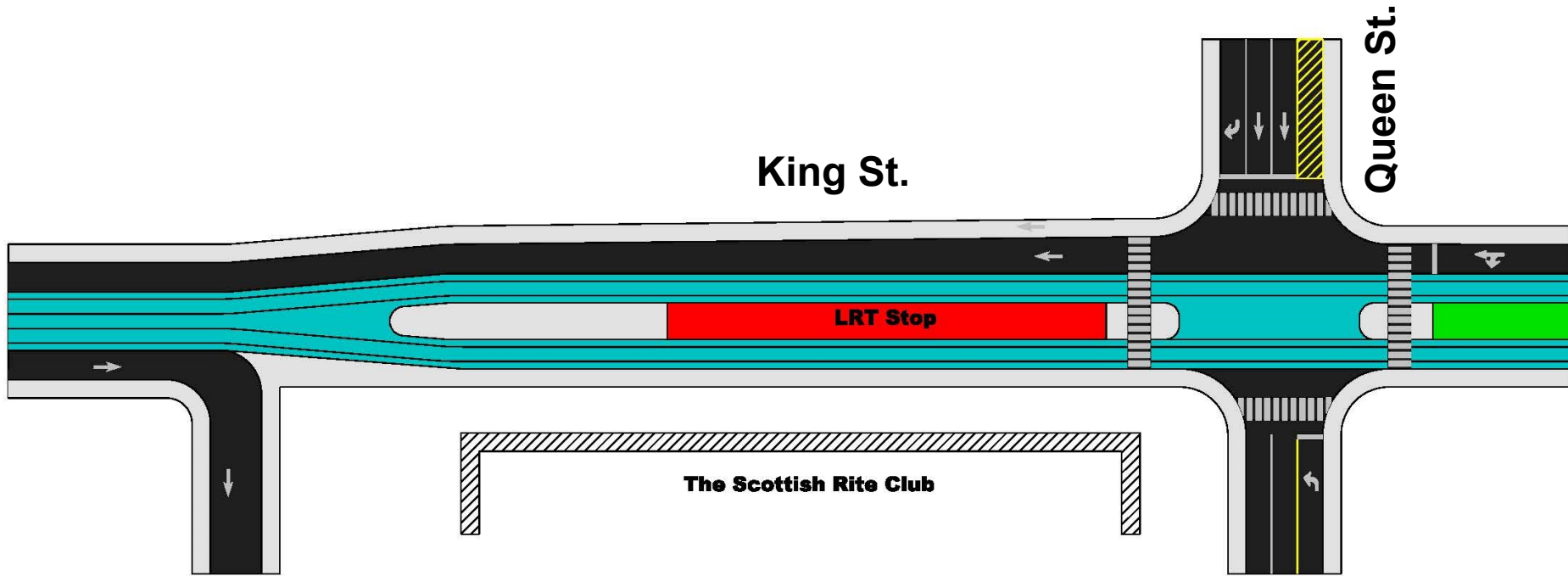


Design Evolution



**King St.
Queen St. to Ray St.
Original Design Concept**

Design Evolution



**King St.
Queen St. to Ray St.
Revised Design Concept**

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 and tenant support.
- Undertake “Early Works” projects.
- Refine Capital and O&M cost estimates.
- Negotiate agreements; Master and O&M

Other Metrolinx Initiatives

Regional Rail (GO Train Service)

- Additional peak hours trips added in 2019,
- 8 morning trips and 8 afternoon trips,
- Trips split between West Harbour and Hamilton GO
- Plans for two-way, all-day service continuing.

Confederation Station

- Currently open for GO Bus passengers,
- Original plans scaled back, market-driven approach,
- Rail service to begin in 2022/2023.

Other Metrolinx Initiatives

Frequent Rapid Transit Network (FRTN)

- 8 FRTN lines identified in 2041 RTP for Hamilton,
- All 5 BLAST lines identified,
- B-Line currently in development,
- A-Line identified as a priority,
- ICIP funding requested for A-Line priority measures,
 - Queue-jump lanes,
 - Transit signal priority,
 - Stop enhancements.



Questions?