

RE. EX15.1



EGLINTON EAST - PRIORITY BUS LANES

Barbara Gray, General Manager, Transportation Services, City of Toronto

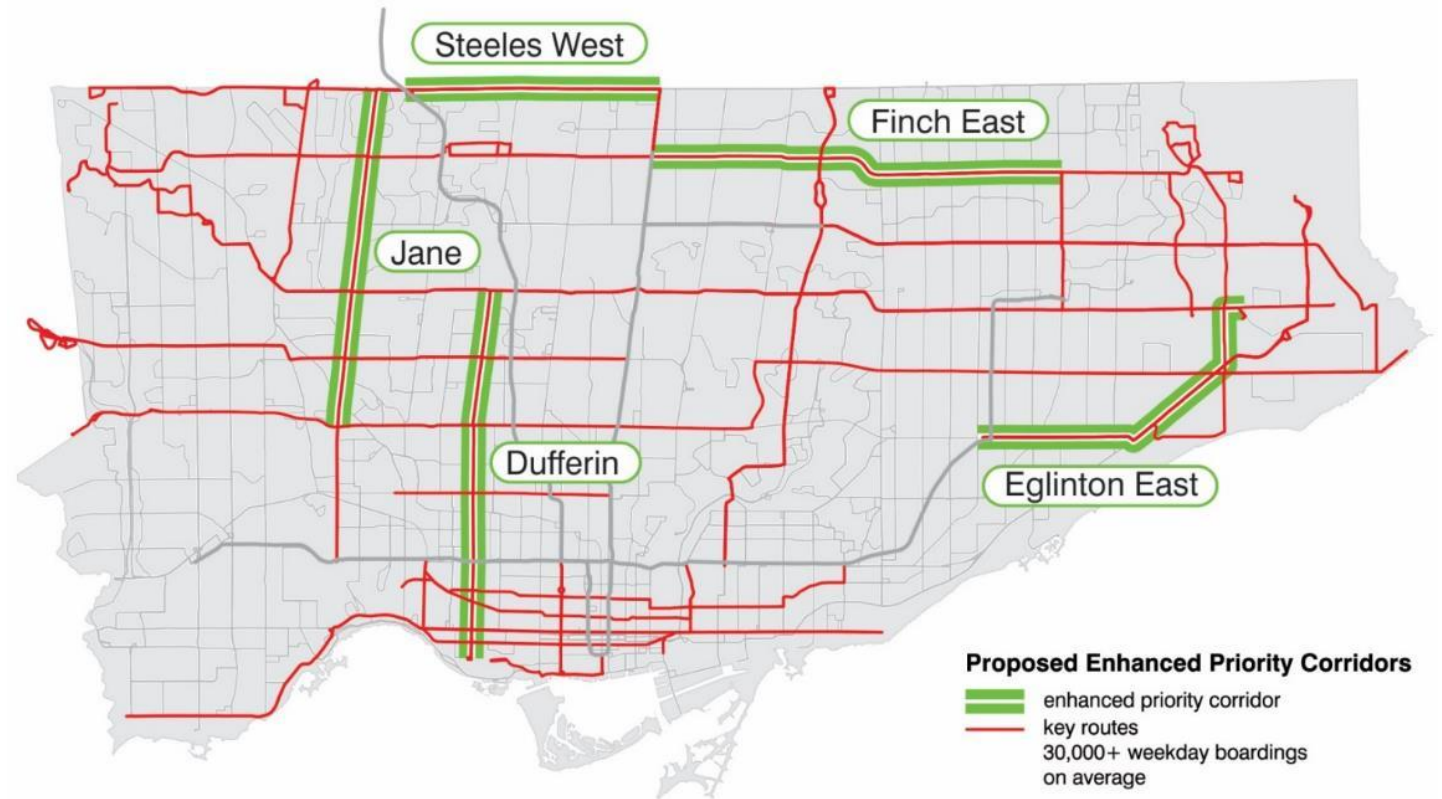
Executive Committee

Date: July 21, 2020

PRESENTATION OVERVIEW

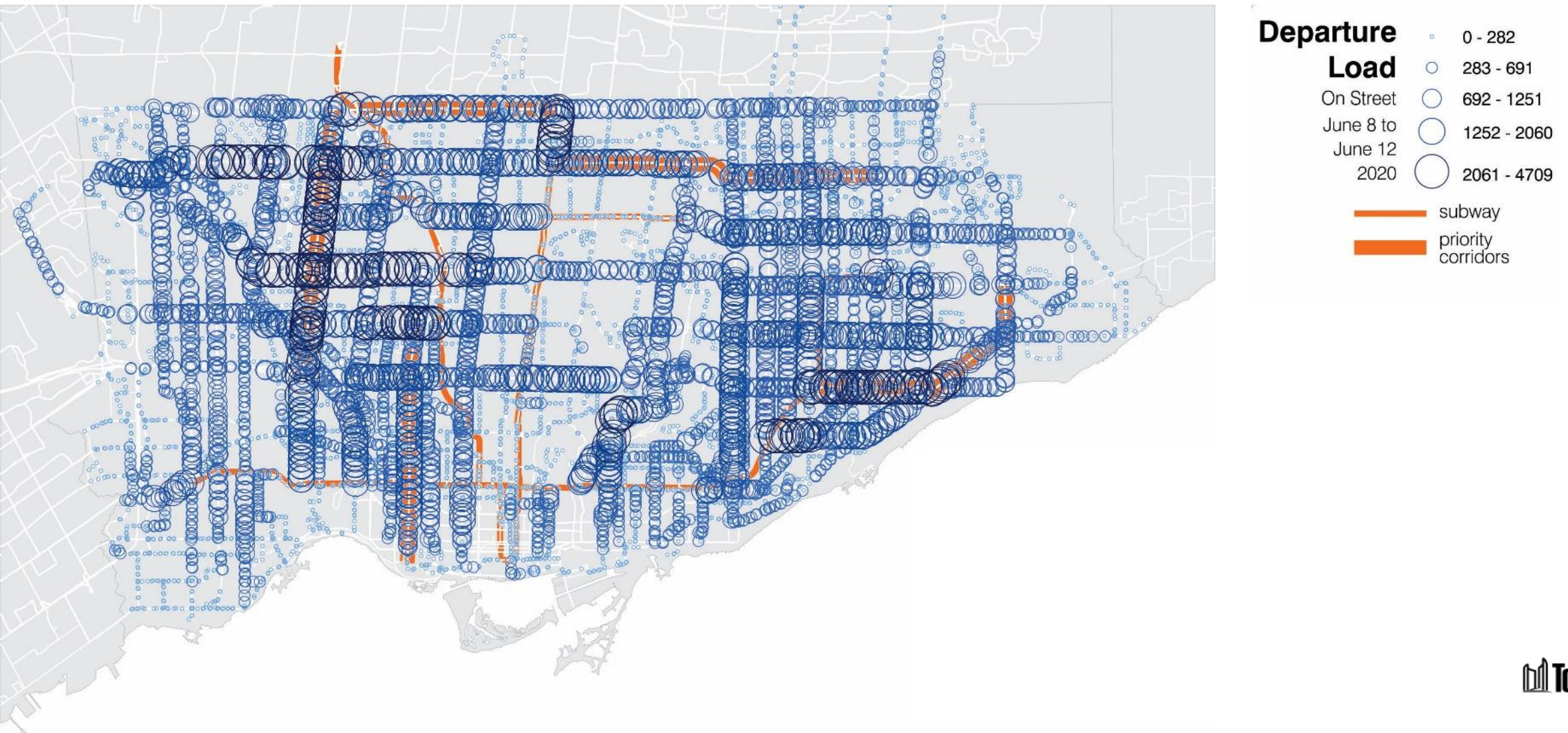
1. TTC 5-Year Service Plan & 10-Year Outlook
2. Eglinton East Corridor
3. Monitoring
4. Consultation
5. Jane Street
6. Next Steps

TTC 5-Year Service Plan & 10-Year Outlook



*Lawrence East was added by the TTC Board as an additional corridor for consideration

During COVID-19 TTC remains vital



Priority Bus Lane Objective and Target Outcomes

OBJECTIVE

Move large volumes of customers **safely, reliably, & swiftly** across Toronto



**Tactical Transit
Improvements**



**Increased
Access**



**Real
Improvements
for Existing
Customers**



**Advance
Equity
Initiatives**



**Improve
Transit
Speed**



**Advance
Approved
Strategic
Documents
and Action
Plans**

Prioritization Criteria

Existing
Transit
Operations

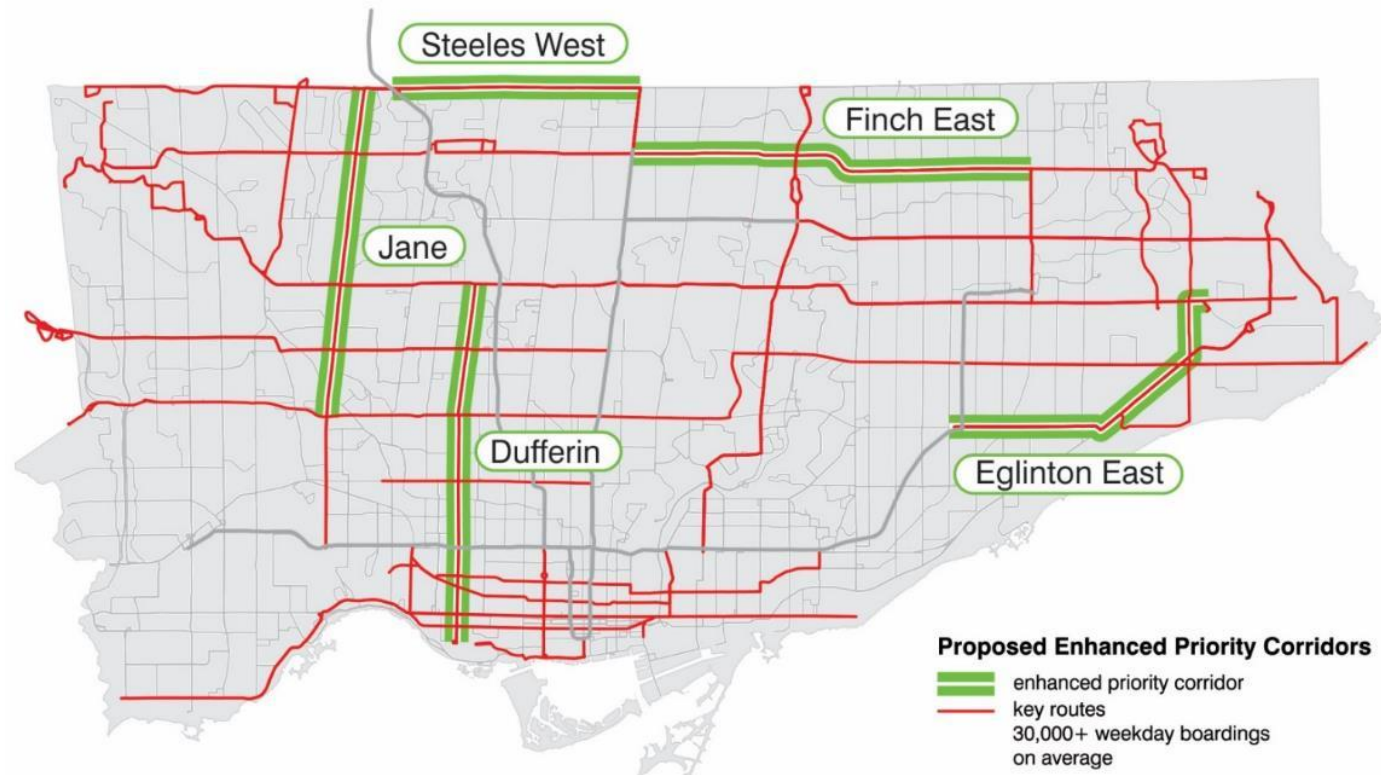
Ease of
Implementation

Existing
Traffic
Conditions

Safety

Equity

Transit Benefits
and Road Network
Impacts of Bus
Lane





Evaluation results

Priority	Corridor	Accelerated Implementation
A	Eglinton East	2020
B	Jane Street	2021
C	Dufferin Street, Finch East, Steeles West, Lawrence East	2022 and beyond (Surface Transit Network Implementation Study)

Benefits of Eglinton East Priority Bus Lanes

COVID-19 Related Benefits:
Public Health
Economic Recovery

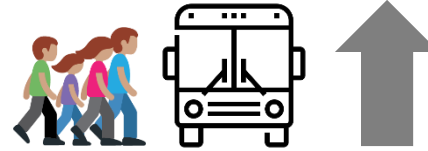
	Tactical Transit Improvements	Convert HOV and GPL with red paint, signage
	Increased Access	Faster travel times allow longer distance travel
	Real Improvements for Existing Customers	Improved reliability and speed for 56,000 customers
	Advance Equity Initiatives	Advances: Poverty Reduction Strategy Serves 7 of 8 NIA's
	Improve Transit Speed	Average travel time savings of 2-5 minutes per trip
	Advance Approved Strategic Documents and Action Plans	Advances: Transform TO, Resilience Strategy, Corporate Strategic Plan, TTC Corporate Plan

Preliminary Analysis – Eglinton East By the Numbers



7 of 8

Neighbourhood Improvement Areas in Scarborough directly benefit



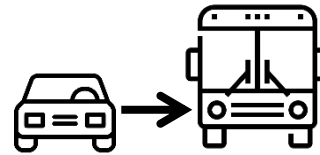
5%

increase in corridor transit ridership



2-5 minutes

reduction in average bus travel time



8%

mode shift from auto to transit



4,000

vehicles per day reduction along Eglinton/Kingston



75 seconds



cumulative delay to vehicles (max) – AM Peak



2,800

vehicles per day reduction along Morningside



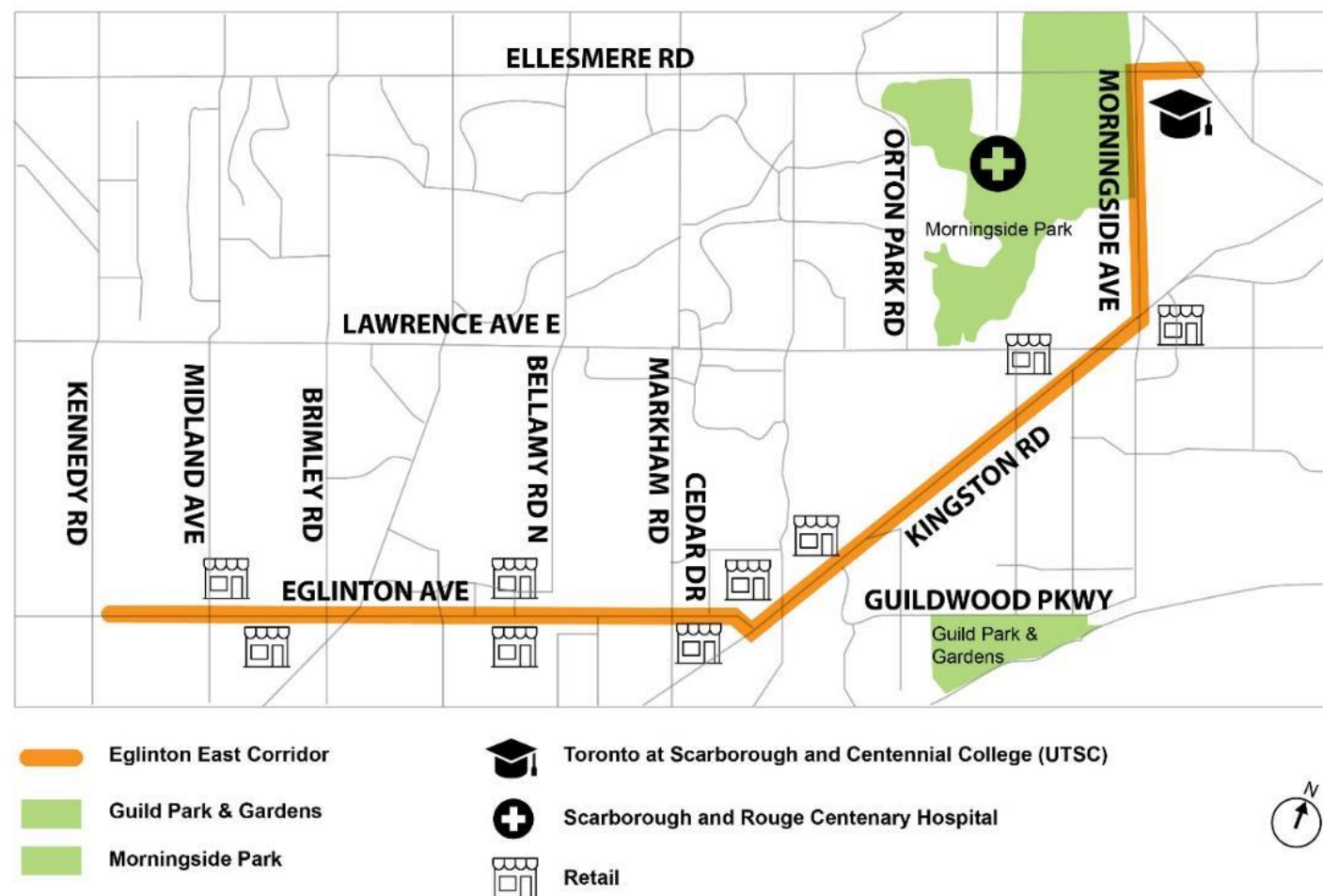
81 seconds



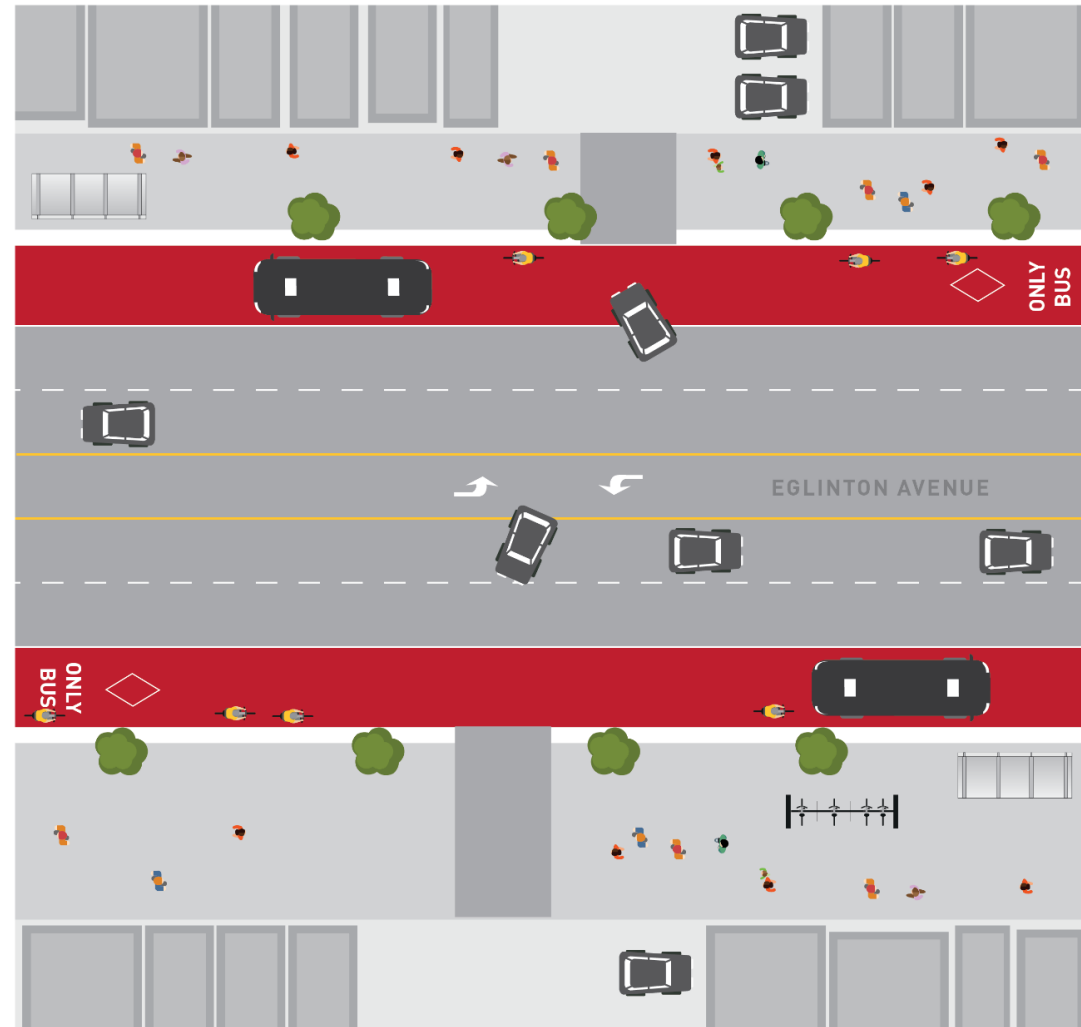
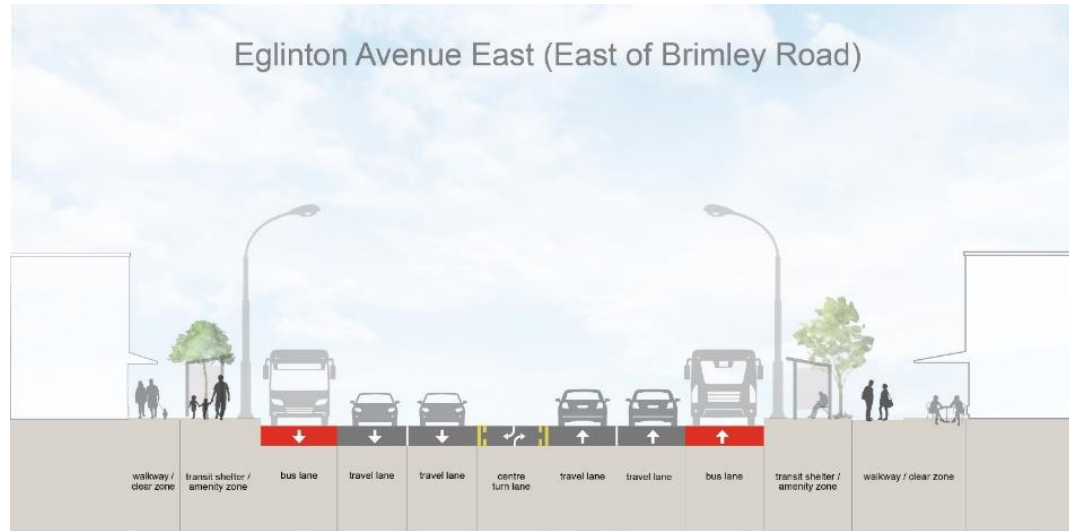
cumulative delay to vehicles (max) – PM Peak

Eglinton East – Concept Design

- Convert HOV and curb lanes to priority bus lanes; cyclists allowed
- Signs, colored surface treatment, pavement markings
- Consolidate stops: fewer stops, faster and more reliable service
- Modify traffic signal timing
- Marketing and branding
- Future public realm improvements



Eglinton East – Concept Design



Bus Lane examples across the GTA



**Highway 7 & Town Centre Blvd
(York Region)**



**Hurontario St & Rathburn Rd
(Mississauga)**



**City View Dr and Mavis Rd
(Mississauga)**

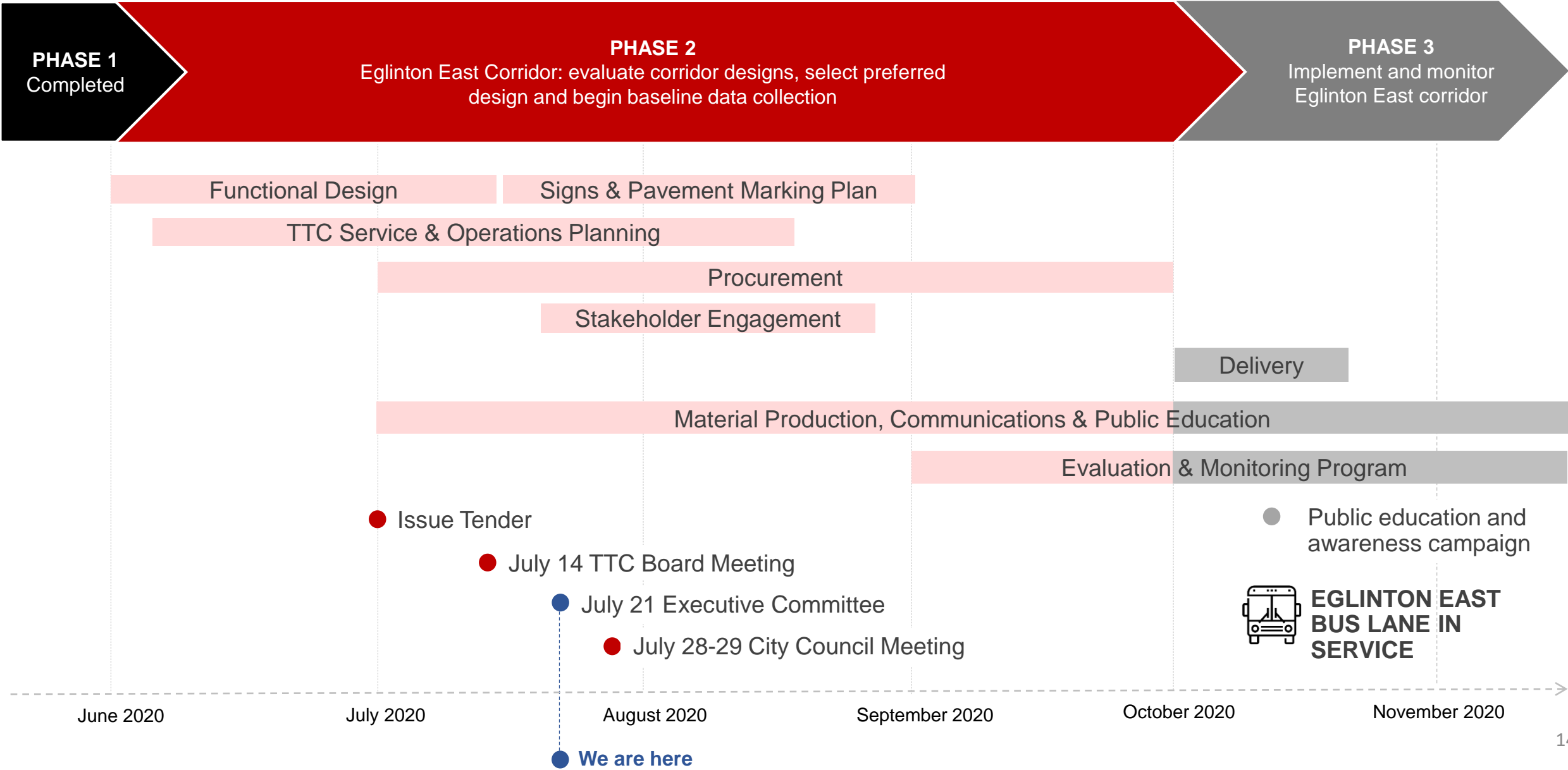
Data Collection and Monitoring

- Transit Travel Time
- Wait Time Reliability
- Wait Time Variability
- Observed Busiest Hour Demand
- Observed Ridership
- Capacity Delivered
- Motor Vehicle Travel Times
- Motor Vehicle, Pedestrian and Cyclist Volumes
- Total Person Throughput
- Bus Lane Compliance



Eglinton East Accelerated Implementation Plan

* Due to the accelerated timeline of the Eglinton East corridor, public realm improvements will not be made until after implementation



Jane Street

Phase 1

Develop goals and prioritization plan for top five corridors (complete)

Phase 2

Evaluate corridor designs, select preferred design, consult the public and begin assembling baseline data

Phase 3

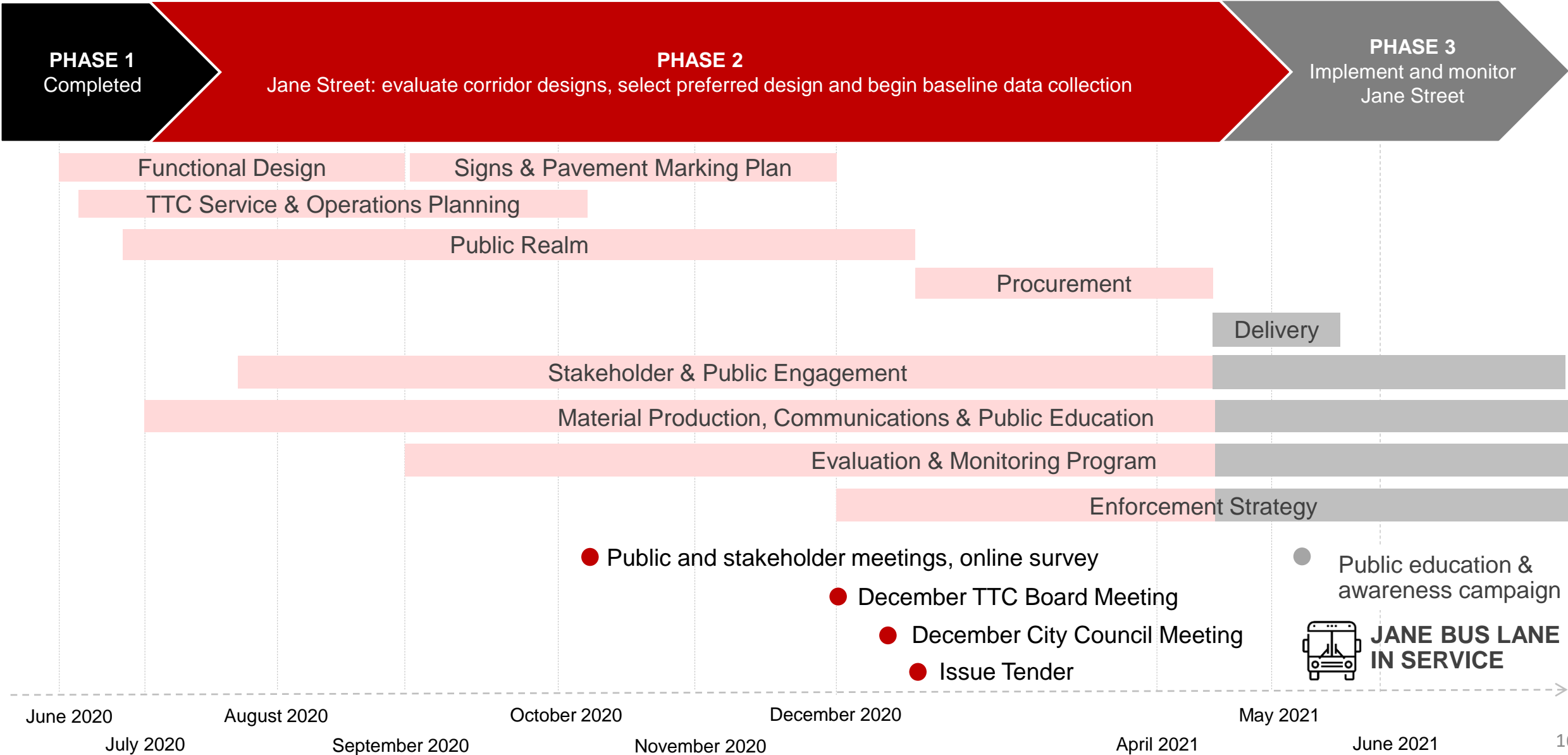
Implement and Monitor

Target Implementation

Spring 2021



Jane Street Project Schedule



Consultation

- Consultation was conducted during TTC's 5-Year Service Plan, this included public and stakeholder consultation on exploring a bus lane on Eglinton East. The consultation included:



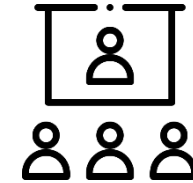
3,000+

respondents to three
online public surveys



60+

representatives of
stakeholder groups and
advocates participated at
stakeholder meetings



3,000+

members of the public
engaged at seven public
open houses

Next Steps

Late Summer

- Consultation on the service concept will be conducted in August 2020 as part of the TTC's Annual Service Plan process.
- Notice of the project will be distributed to the residents and businesses in the area in August 2020

Fall

- Review and consolidate plans by the City and TTC to identify new opportunities for transit priority corridors
- Report on the Surface Transit Network Implementation Study (STNIS) to Council on a timeline for the remaining three corridors and Lawrence East
- Customer and Stakeholder consultation activities for Jane Street

December

- Report back to the Board and City Council with a recommended design and detailed implementation plan for Jane Street

THANK YOU