

Transit Priority Measures Feasibility Study - First Phase

Urban Planning Committee
October 30, 2018

Urban Form and Corporate Strategic Development - CR_5074

Background

Transit Strategy (July, 2017)

- Edmontonians identified reliable and fast as two key attributes that are priorities for the transit system.

Council Motion (July, 2017)

- That Administration provide a first phase of a transit priority measure feasibility study as outlined in principle 3.c. of Attachment 1 of the July 5, 2017, Sustainable Development report CR_4513 by May 2018. This work is to include the infrastructure needs for possible ongoing Bus Rapid Transit and express bus routes for core routes in the Primary Transit Network.

Transit Priority Measures Study

Scope of work:

- Summary of transit priority measures available
- Assessment of candidate locations for transit priority measures
- Prioritization of candidate locations
- Evaluation of potential measures for prioritized locations

Transit Priority Measures Summary

Transit priority measures improve speed and reliability of transit service by giving transit priority over vehicle traffic.

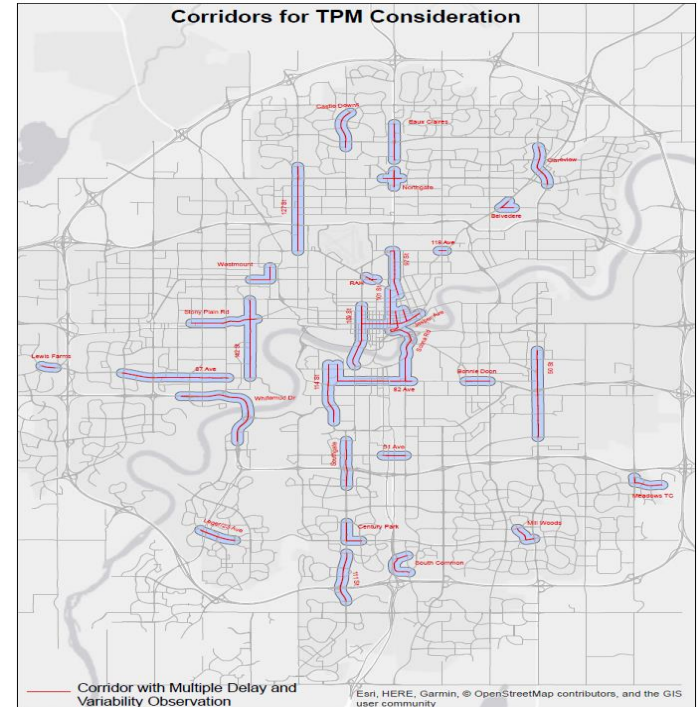
Three types of transit priority measures:

- Regulatory Measures
- Transit Signal Priority
- Physical Measures

Identification of Candidate Locations

Technical analysis to identify locations where low speed and high variability can be expected on the transit network:

- Existing transit operational data
- Draft of Bus Network Redesign
- Future transportation network operations (modelling)



Next Steps

- Prioritize corridors to identify locations for further study.
- Analyze corridors considering local conditions and constraints.
- Develop list of potential transit priority measures for prioritized locations including conceptual analysis and cost estimates.

A blue-tinted photograph of the Edmonton skyline, featuring several high-rise buildings and a dense urban landscape.

Thank you.

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Corridors for TPM Consideration

