

North St Albert Trail Design

February 10, 2020

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Presentation Outline

1. Project Background
2. Conceptual Design
3. Past Council Motions
4. Recommendations
5. Next Steps
6. Questions / Discussion

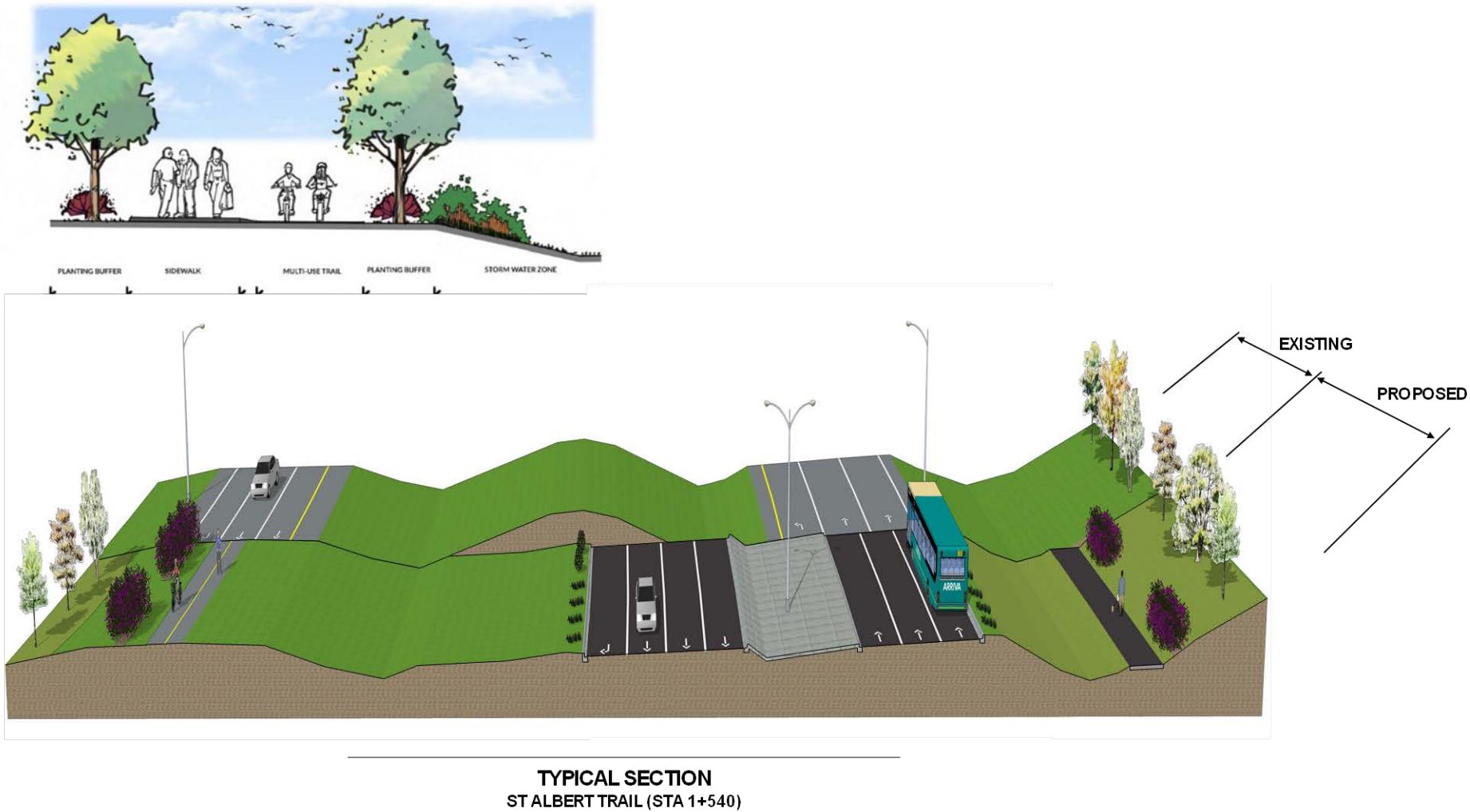


North SAT Project Background

- North St Albert Trail: #2 Improvement Priority within the Network Review (2018)
 - Borrowing Bylaw approved
 - Work to be completed in 3 Phases
 - Phase 1: N of Boudreau to N of Coal Mine
- Deliver on:
 - Additional north and southbound lanes
 - Sidewalk / Trails
 - Intersection improvements
- Phase 1 construction
 - Anticipated to begin in 2020 and finish 2021



North SAT Concept



North SAT Concept- Short-Term

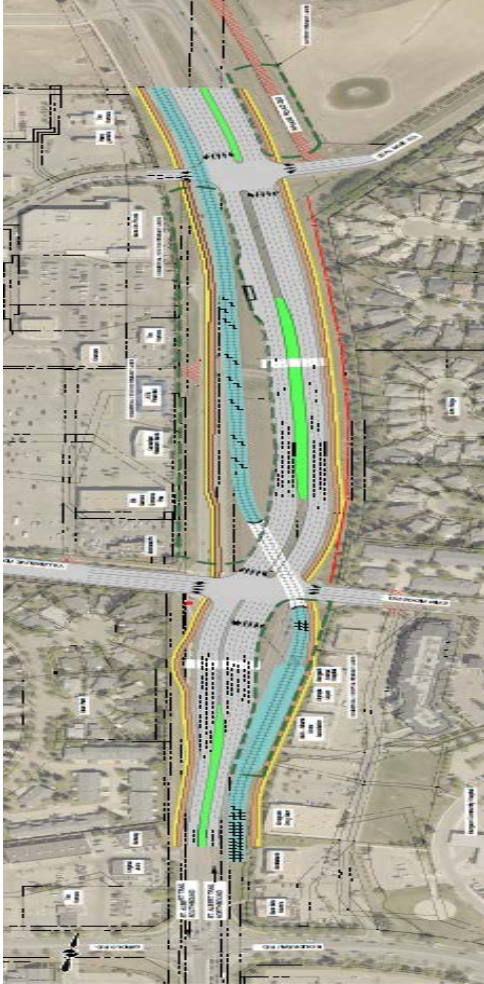


North St Albert Tr Concept – Long-Term

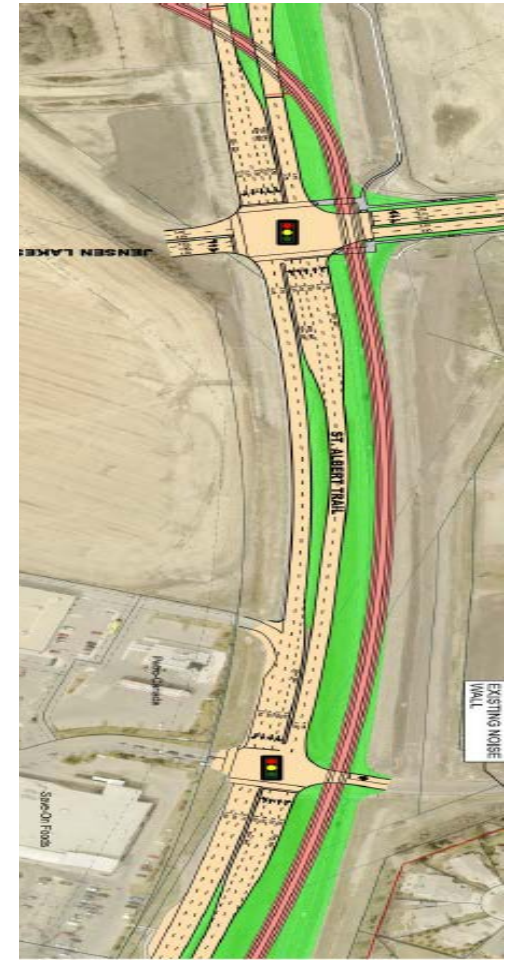


North SAT Concept Design

2019 Proposed LRT Alignment



2014 Proposed LRT Alignment



North SAT Concept Design – West LRT

Benefits of Shifting the LRT Alignment to the West

Maintains 3 vehicle travel lanes versus reducing to 2 travel lanes n + s bound with LRT accommodation

Maintains opportunity of an LRT station on either the east or west sides of St Albert Trail

Opportunity of redevelopment of the high potential area in vicinity to the TOD on the west side of St Albert Trail

Relocates LRT from directly adjacent to residential (Erin Ridge)

Creates opportunity for urban design and public spaces with future west side development

Least impact to Erin Ridge and Coal Mine Road intersections

Improved storm water management on the east side of St Albert Trail

Opportunity to utilize the existing southbound lane structures for shared path infrastructure.

Opportunity of future consideration of a non-grade LRT crossing (LRT underpass)

Past Council Motions

- Dec. 1, 2014 (C554-2014)

That the LRT corridor following St. Albert Trail, identified as the preferred option in the "St. Albert LRT Planning Study Phase 1 - Corridor Selection Report" provided as Attachment1 to the December 1,2014 Agenda Report entitled "LRT Functional Study Update- Phase1 - Corridor Selection Report", be approved.

- Nov. 2, 2015 (C536-2015)

1. That the LRT alignment within the approved corridor, (St. Albert Trail), identified as the preferred option in the "St. Albert LRT Planning Study Phase 2 - Alignment Selection Report", provided as Attachment 1 to the November 2, 2015 Agenda Report entitled "LRT Functional Alignment - Final Recommendations", be approved.

2. That this report be referred to the Capital Region Board for integration with the Capital Region Growth Plan Update.

Recommendation

A) The Committee Recommend to Council:

Rescind Council Motion C536-2015

1. That the LRT alignment within the approved corridor, (St. Albert Trail), identified as the preferred option in the "St. Albert LRT Planning Study Phase 2 - Alignment Selection Report", provided as Attachment 1 to the November 2, 2015 Agenda Report entitled "LRT Functional Alignment - Final Recommendations", be approved.
2. That this report be referred to the Capital Region Board for integration with the Capital Region Growth Plan Update.

B) That the Committee direct:

That the CAO create a directive to incorporate and utilize the St Albert Trail corridor as the approved LRT corridor and incorporate past, or updated, LRT and Roadway studies to protect, accommodate and deliver on LRT planning and integration within the transportation network.

Next Steps

- Finalize Phase 1 Detailed Design
- Tender and award Phase 1 Construction
- Phase 1 Construction
 - 2020 and 2021
- RFP for Phase 2 & 3 Engineering: 2020
- Phase 2 construction: 2022
- Phase 3 construction: 2023 / 2024

Questions

