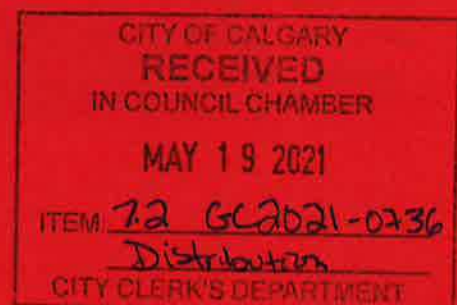


Calgary



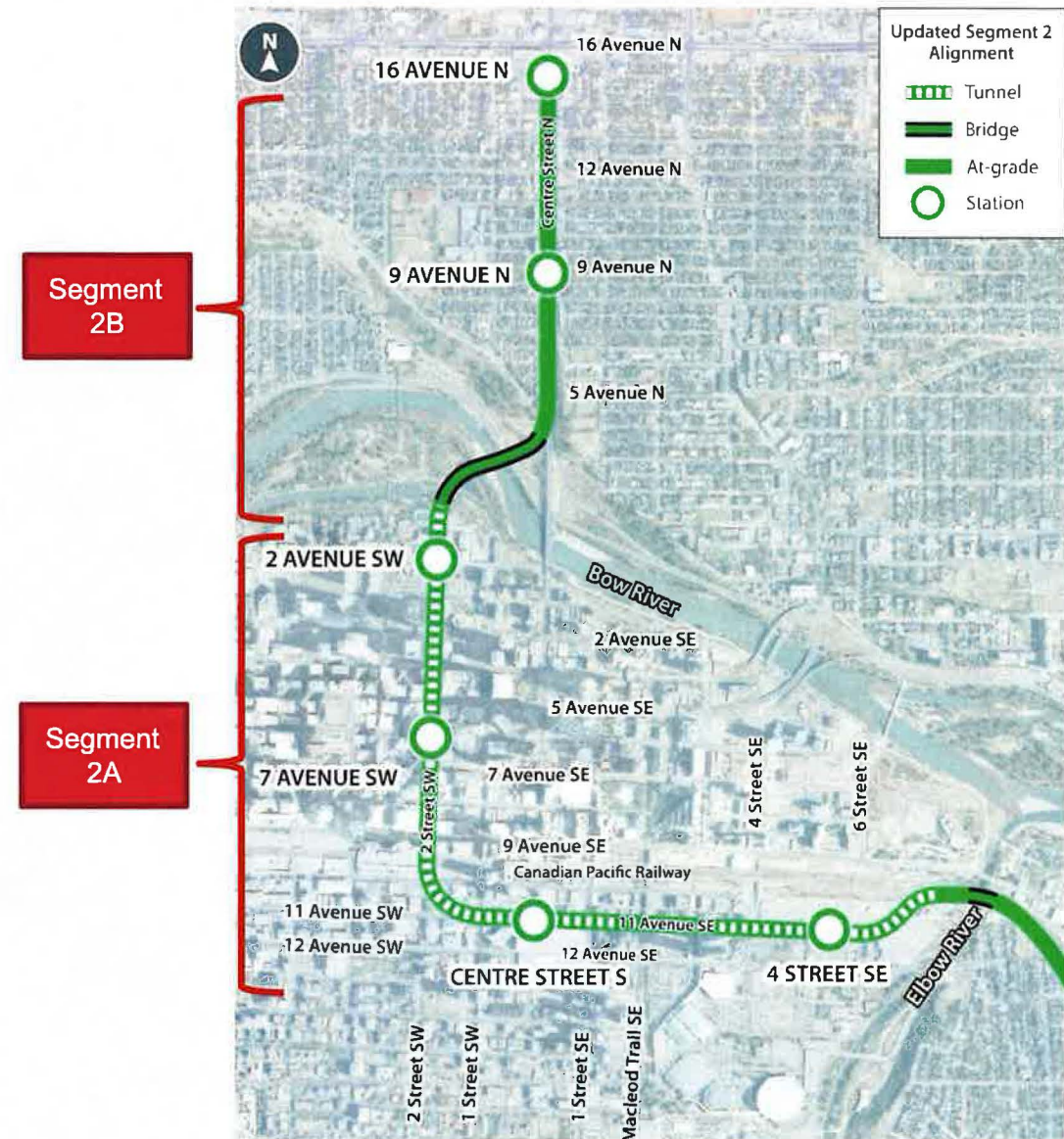
# Green Line Committee – Segment 2 Functional

Presentation to Green Line Committee  
May 19 2021



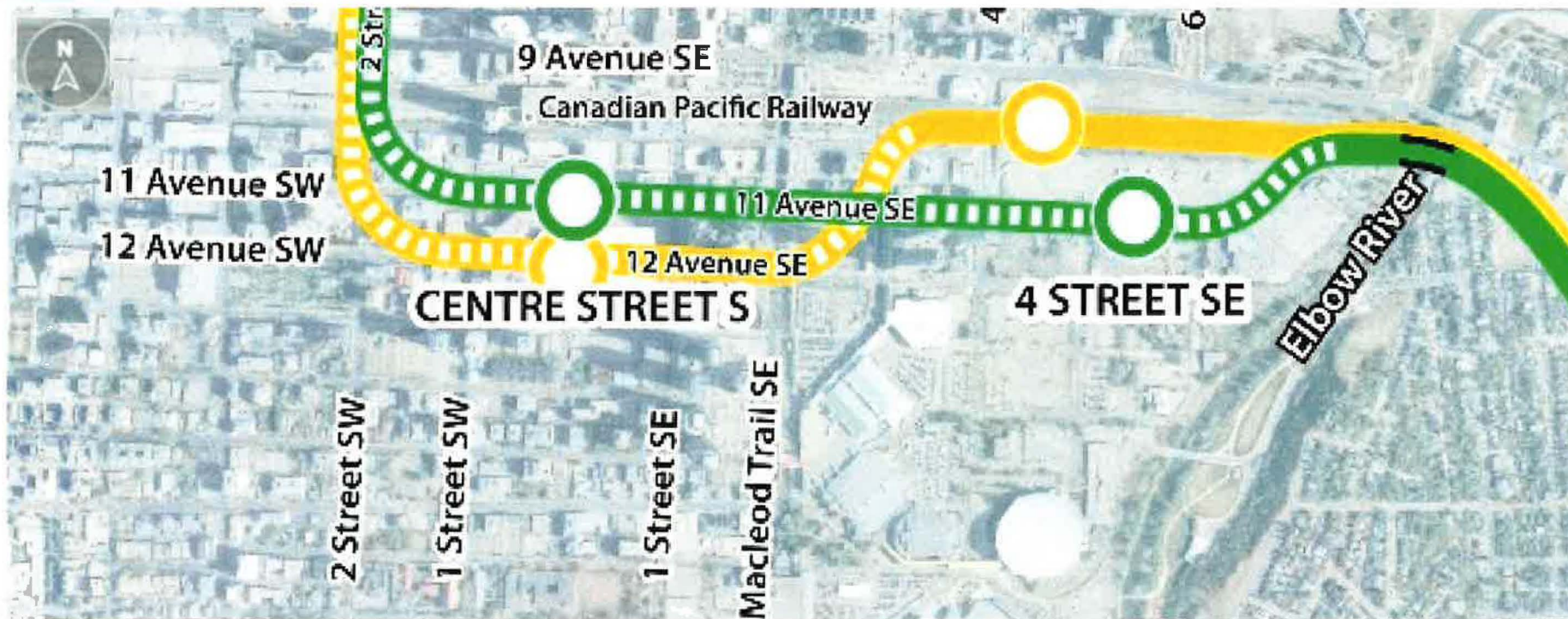


- Report back on the results of functional planning for segment 2
- Report back regarding the risk adjusted cost comparison of the 2017 and 2020 alignments through the Beltline
- Inform of the results of the planning studies and associated stakeholder engagement for segment 2B:
  - Bow River bridge plan
  - Mobility studies plan
  - Access management plan
  - Streetscape plan





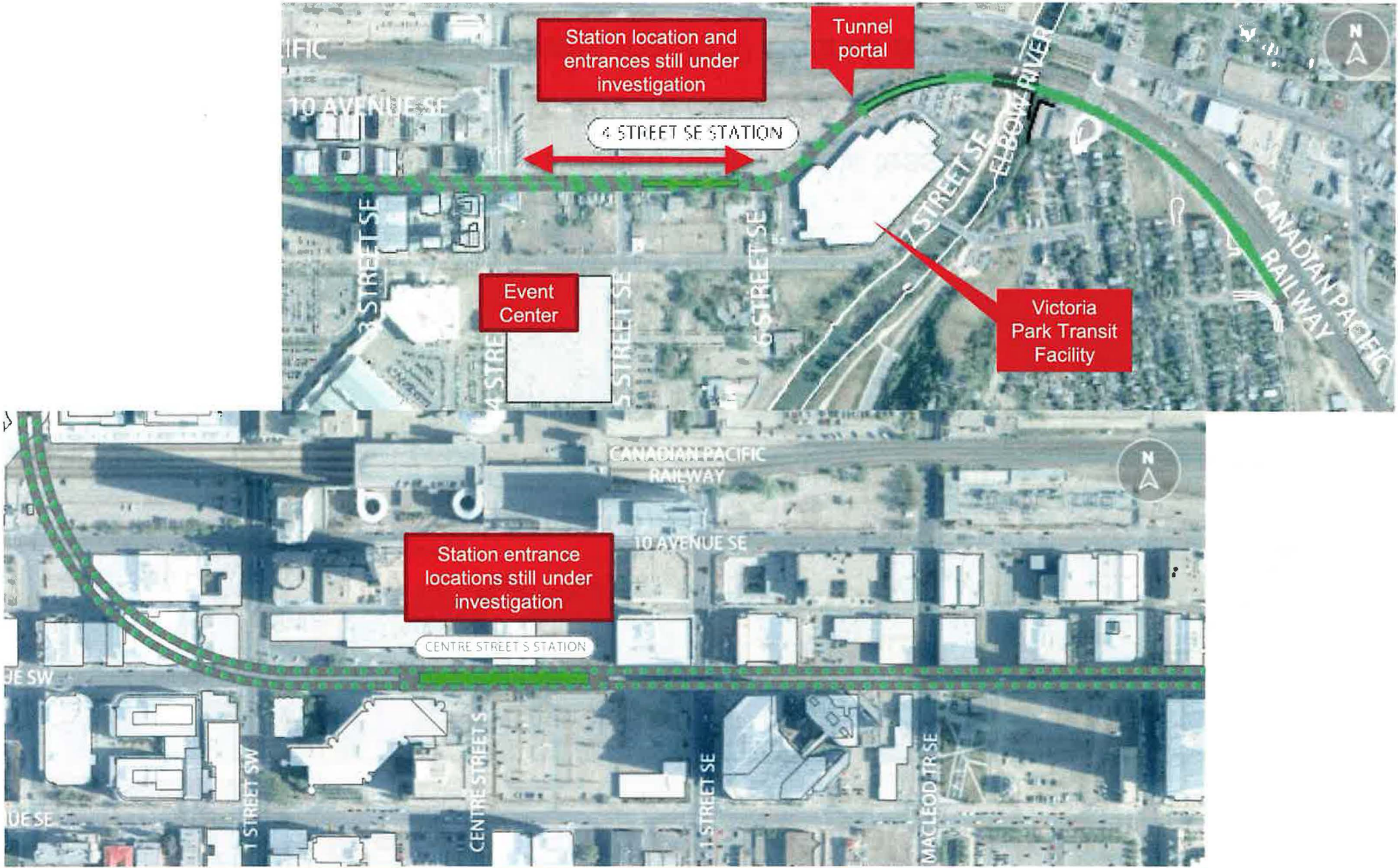
## Risk Adjusted Cost of Beltline Alignments



- Risk-adjusted cost of the 11 Avenue alignment is less than that of the alignment on 10 Avenue S.E. and 12 Avenue S.
- **Recommendation:** Proceed with the 2020 Council approved alignment in the Beltline of 11 Avenue S.



# Beltline Alignment and Stations





# Downtown Alignment and Stations



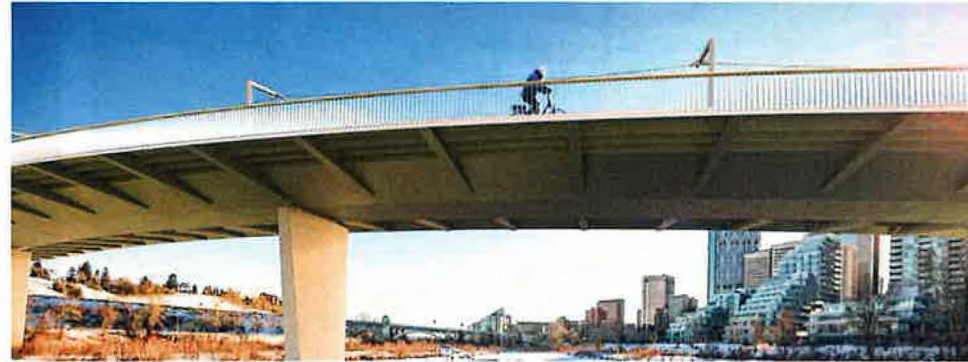


# Bow River Bridge

## General Architectural Form



multi-use pathway &  
LRT (2 paths)



above deck arch  
(tied arch)

below deck arch  
(true arch)





# Centre Street North Alignment & Stations





# Centre Street North Conceptual Streetscape Plan



**Standard Public Realm**  
Walk + Tree & Furniture Zone



**Narrow Public Realm**  
Walk Zone



- Community Traffic Calming Review

**Proposed Solution:** No new traffic calming measures required

**Recommendation:** Review traffic patterns and traffic calming measures once major LRT construction activities are completed

- Business Access

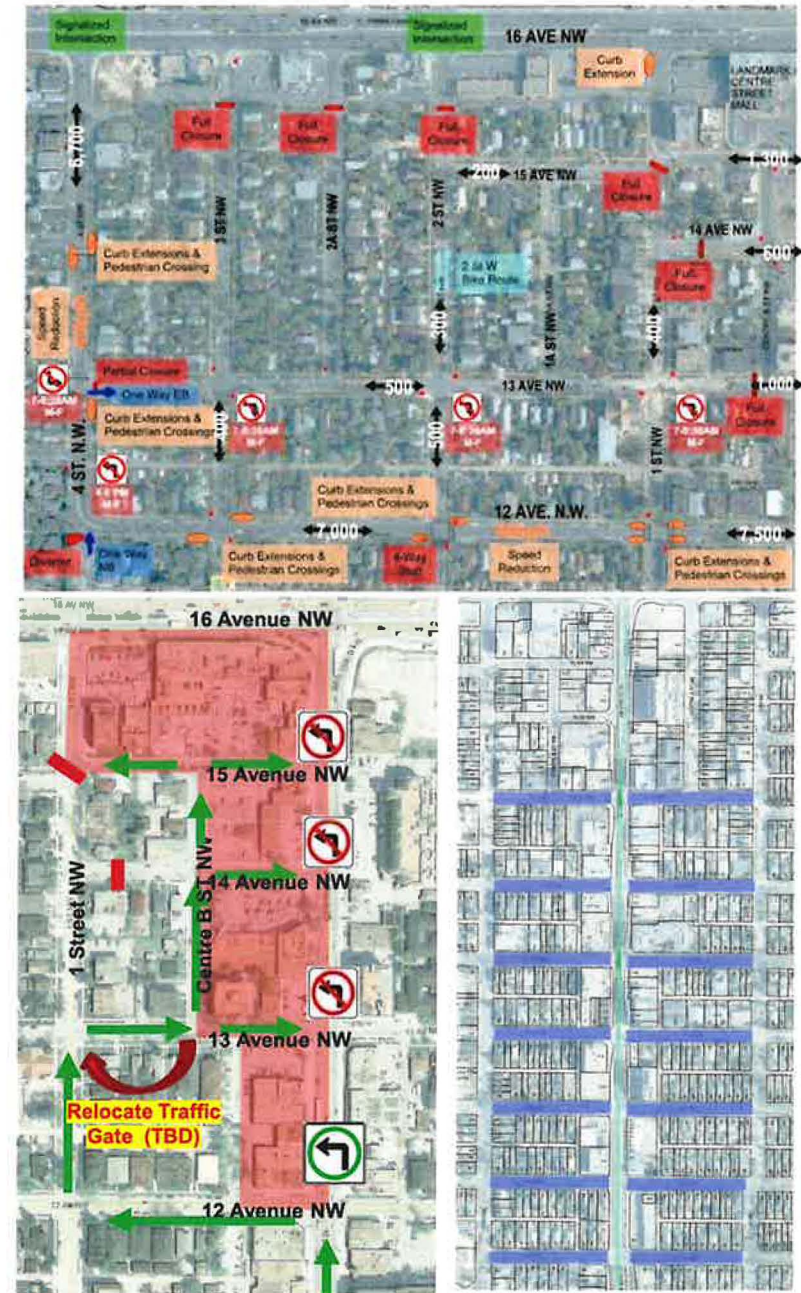
**Proposed Solution:** Relocate traffic gate at 13 Avenue, Improve laneways

**Recommendation:** Engage BIA & Comm. Assoc. to explore alternate access solutions, prioritize laneway improvements

- Customer Parking

**Proposed solution:** Convert residential parking to Interface Parking Zone (residential permit + short term paid parking)

**Recommendation:** Continue engaging BIA and Comm. Assoc. to explore interest & concerns with parking solution





## Who we reached



### AWARE 60,000+

The number of people who were made aware of the project and opportunity to get involved. Tools used to build awareness included: Social media, bold signs and informational displays, mailed postcards/ brochures, and email updates.



### INVOLVED 18,000+

The number of people who actively or passively got involved in some way. This includes people who visited the website, attended an event, subscribed for email updates etc.



### ENGAGED 1,650+

The number of people who provided input online or at an event.



### CONTRIBUTIONS 1,600+

The total number of survey contributions received through all participation opportunities.

## What we heard

### • Mobility Network Concerns

- Identification of daily travel routes for all transportation modes and a desire for future improvements
- Potential changes to the roadway including potential loss of vehicular travel lanes and the affect it would have on other corridors
- Impacts of cut-through traffic on the residential streets and desire for traffic calming
- Desire for more east-west connections for walking and wheeling

### • Streetscape Amenities

- Strong desire for streetscape amenities and improvements that contribute to a more vibrant Centre Street and Crescent Heights community with a prioritization on trees and pedestrian comfort

### • Vision for Bow River Bridge

- Mix of visions shared from distinctive to low-key
- Desire for a multi-modal bridge that incorporates convenient access and viewpoints
- Designed in an environmentally sensitive way





## What are the next steps?

- **Procurement documents**
  - Technical performance requirements
  - Reference concept design
- **Utility relocation program**
  - Planning & detailed design commencing spring 2021
  - Construction scheduled for fall 2021
- **Station integration**
  - Continued planning and design
- **Land acquisition**
  - Commence discussions
- **Streetscape master plan for 2 Street S.W.**
  - Future engagement late 2021
- **Stakeholder engagement**
  - Continued consultation



## Recommendations

We recommend that Green Line Committee receive this report and attachments for the corporate record.





**Thank you**

