

Green Line serves the mobility needs of Calgarians

Green Line improves mobility choices

In its entirety, the Green Line will deliver high-quality transit service to Calgarians in north-central and southeast communities.

Green Line connects people and places

Construction of the Green Line is our next step towards completing Calgary’s transit network, as described in *RouteAhead: A Strategic Plan for Transit in Calgary*.

Green Line enhances quality of life

Along with the new MAX bus rapid transit lines, Calgarians will have fast, frequent and reliable transit service that strategically connects communities, employment hubs, and key destinations across the city.



Evaluating options for a updated Stage 1

The Green Line team undertook a planning process to evaluate and identify an updated Stage 1 alignment that can be built within our budget of \$4.9 billion, minimizes project risks, and helps achieve the project vision.

To do this, the team reviewed the whole Council Approved Stage 1 alignment from 16 Avenue N to Shepard to find cost reductions.

Stage 1 Evaluation

Goal: Review Stage 1 from 16 Avenue N to Shepard focused on reducing risk, controlling cost and improving customer experience while respecting the community the project is moving through.




Options evaluated for Stage 1 include the following in the Centre City:

- Shortening the length of the tunnel
- Reducing the number of underground stations
- Surface running trains on Centre Street N, and along 10, 11 and 12 Avenue S
- Shifting the underground alignment from 2 Street S.W. to 1 Street S.W.
- Elevated track through the Centre City
- Bridge over Bow River
- Value Engineering south of 4 Street S.E.

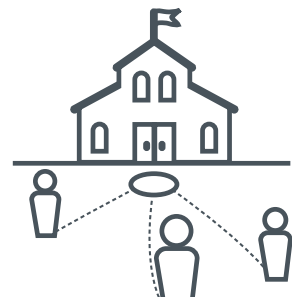
Outside of the Centre City, the complete Stage 1 alignment was evaluated from a value engineering perspective to reduce cost and deliver greater value.




Six evaluation criteria



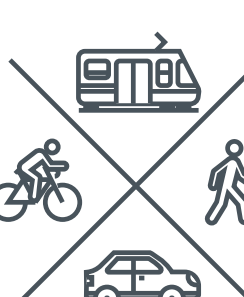
Cost and value




Connecting people to places



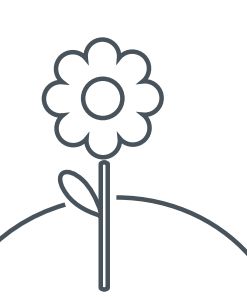
Risk and constructability



Improves mobility



Urban and regional development



Environmental



Updated Stage 1 Option

Updated Stage 1 alignment

This alignment can be constructed within budget, reduces construction risks, and delivers best value to Calgarians while achieving the Green Line Vision.

The updated Stage 1 alignment includes the following changes compared to the 2017 approved alignment:

- North Central BRT with MAX level service upgrades
- Surface-running LRT on Centre Street N
- Bridge over the Bow River
- 2.4 km of tunnel and three underground stations in the Centre City
- Shallower tunnel in Beltline on 11 Avenue S

From Elbow River to Shepard, there are no alignment changes from the 2017 Council approved alignment.

