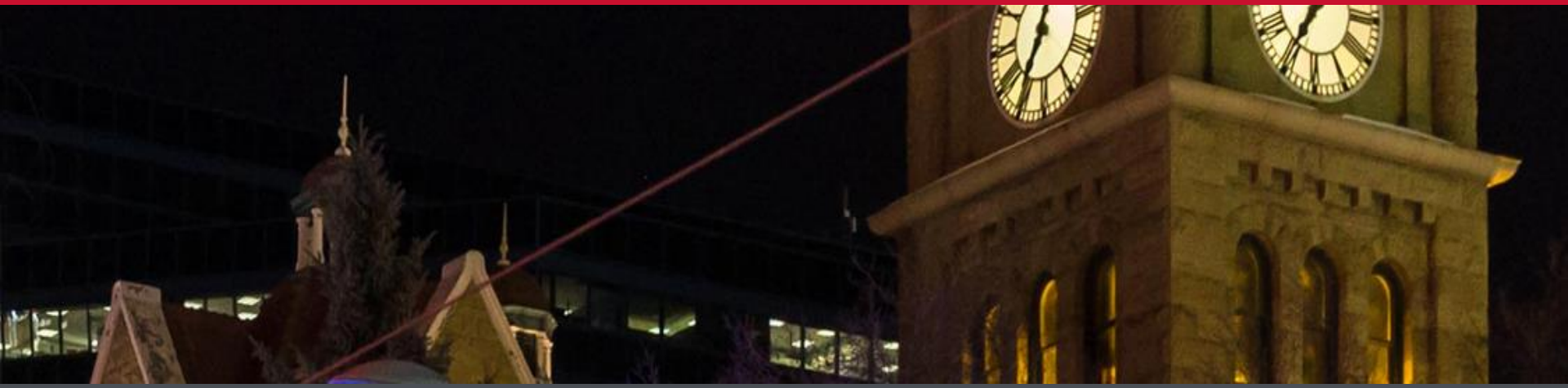
Green Line Update
TT2018-1335
December 6, 2018

Michael Thompson, General Manager, Transportation



Leadership team

Vision

A transit service that improves mobility in existing communities in north and southeast Calgary connecting people and places, and enhancing the quality of life in the city.

Long-term need

NORTH

JOBS

Today
38,000

Opening Day
54,000

Opening Day + 20 years
93,000

POPULATION

Today
171,000

Opening Day
195,000

Opening Day + 20 years
254,000

SOUTH

JOBS

Today
111,000

Opening Day
129,000

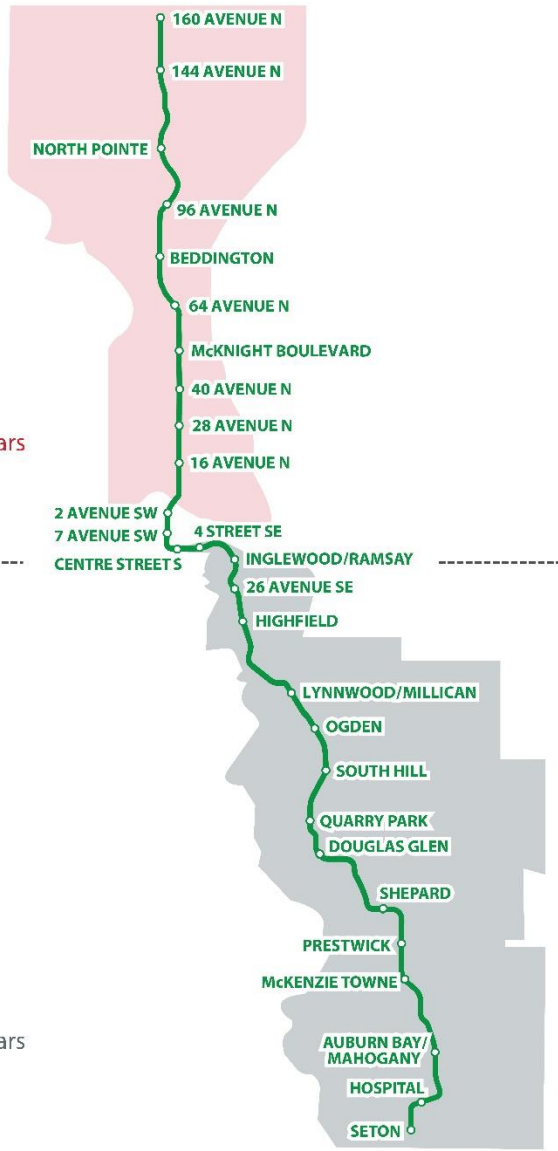
Opening Day + 20 years
170,000

POPULATION

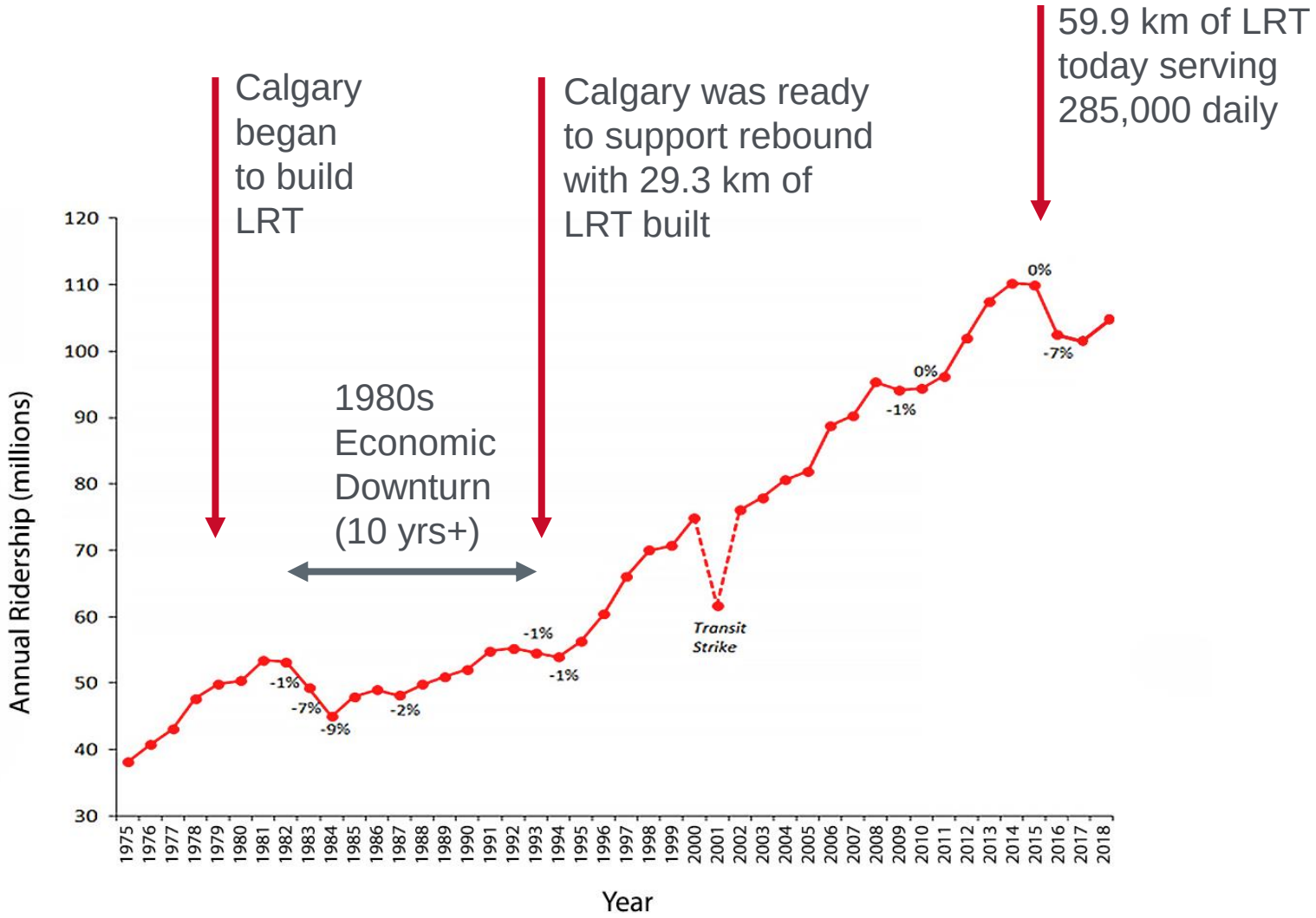
Today
134,000

Opening Day
200,000

Opening Day + 20 years
242,000



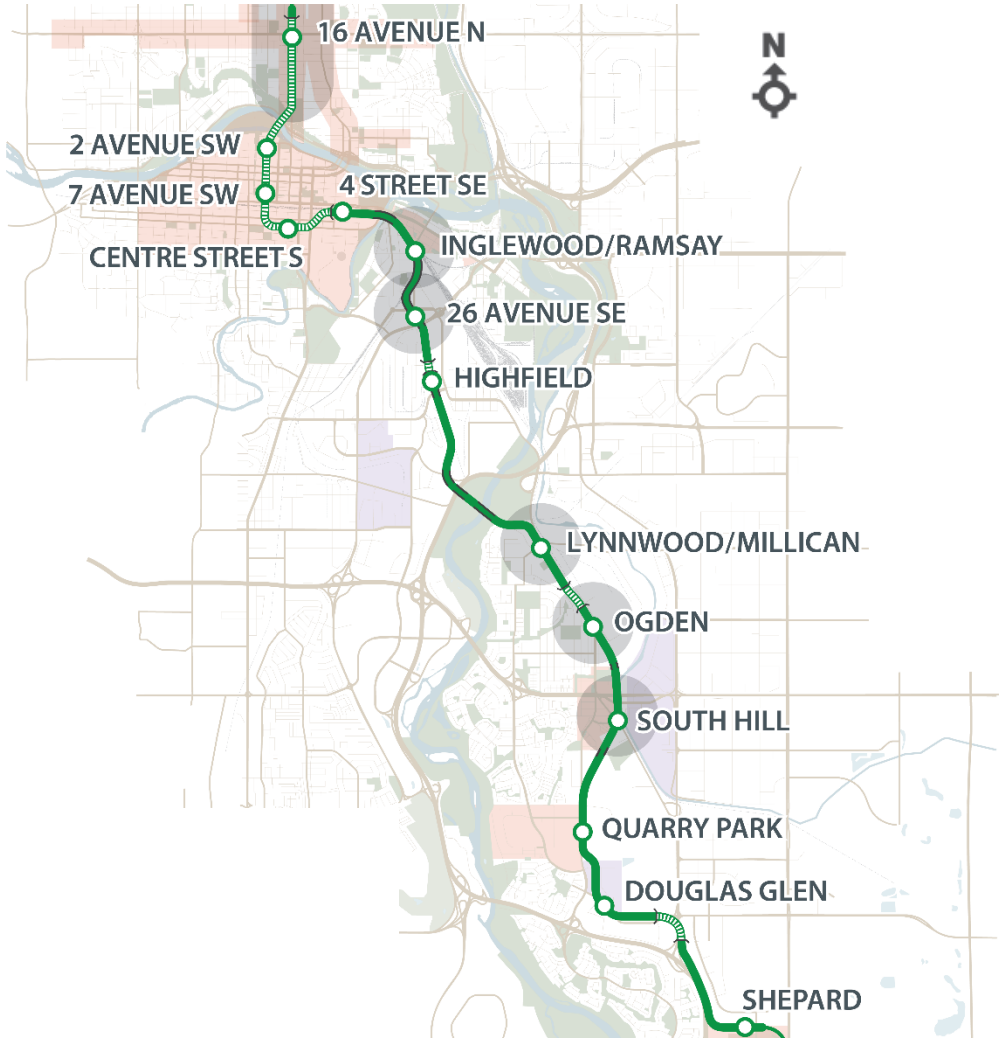
Why build Green Line today?



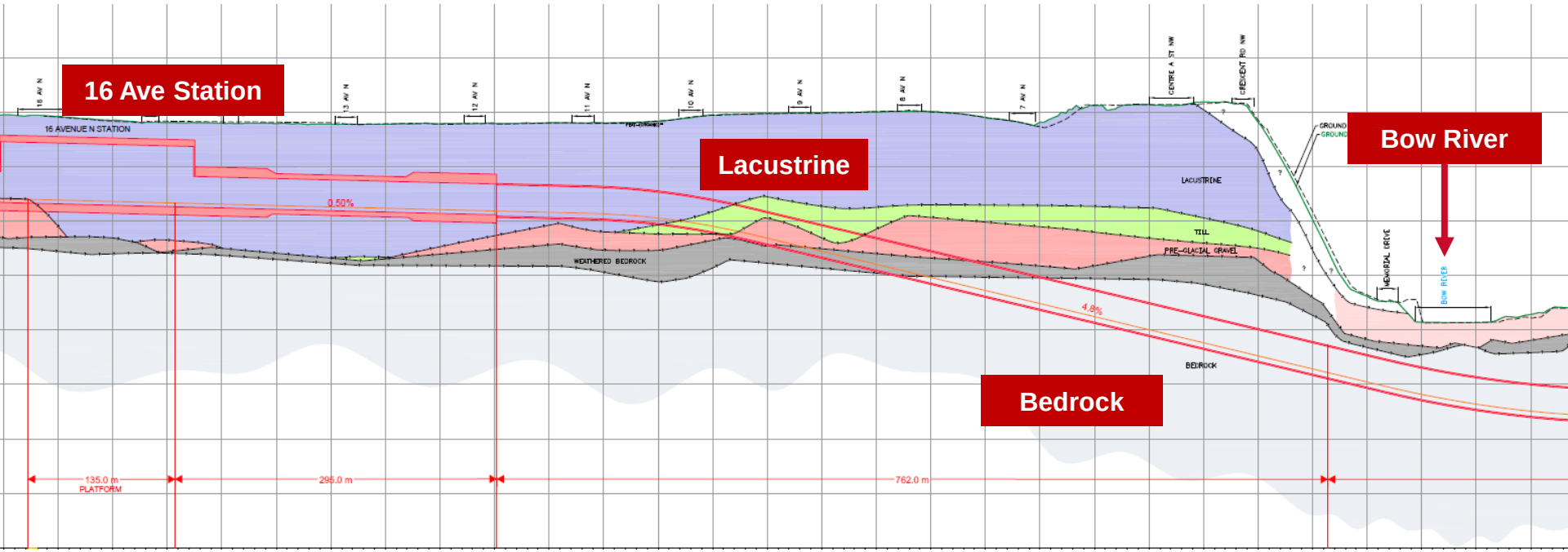
Green Line LRT Stage 1

Stage 1: 16 Avenue N (Crescent Heights) to 126 Avenue S.E. (Shepard)

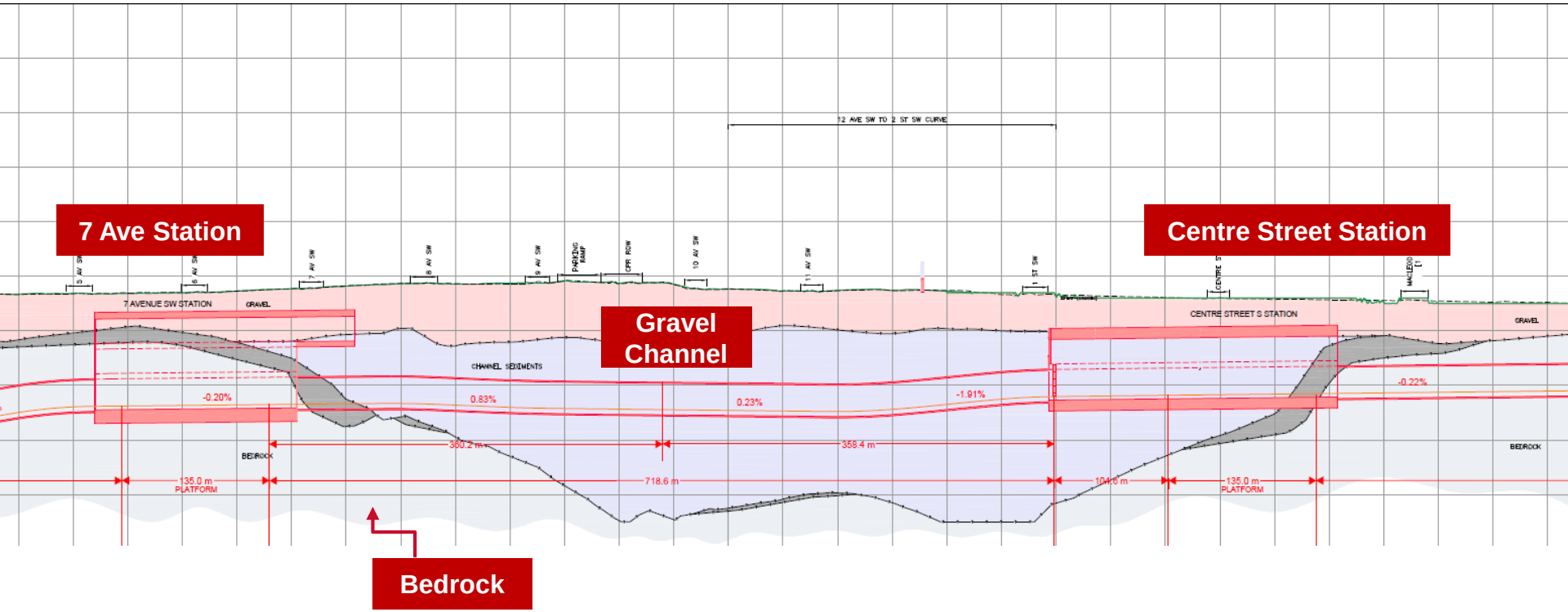
- Connects to Centre City and to Crosstown BRTs
- MSF at Shepard
- Ensures future expandability
- **60,000 to 65,000** daily transit trips
- Connects existing **60+** Community Services
- Connects **2300+** existing affordable housing units
- Linking to **191,000+** jobs
- **30,000** tonnes GHG reduction
- Adds **4** TOD areas (6 Stations)
- **20 km** ready for construction



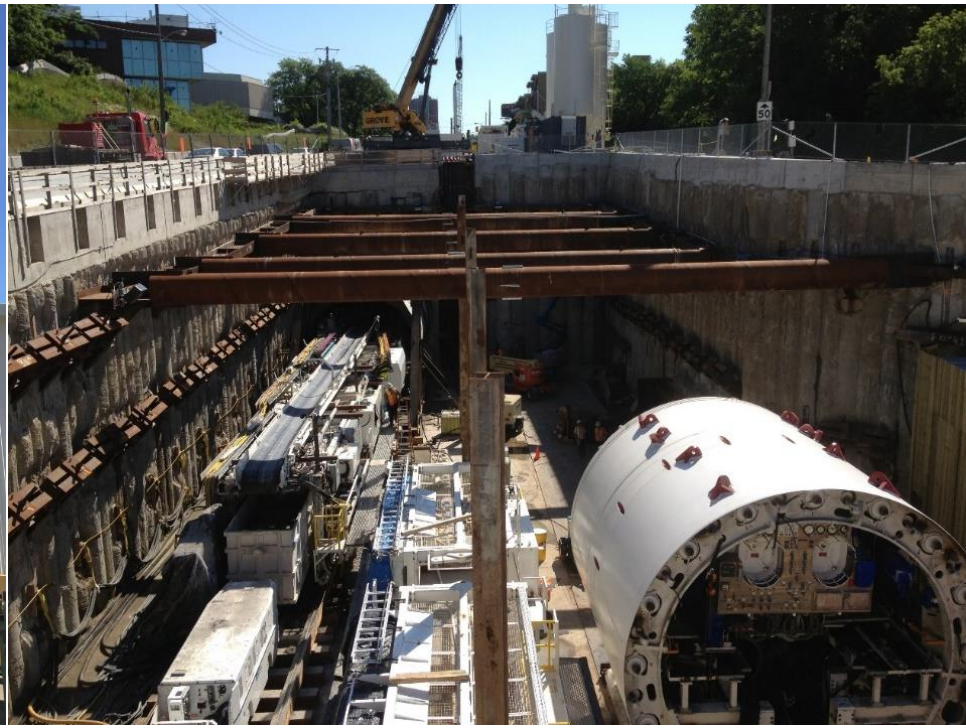
Soil conditions under the hill/river



Soil conditions through downtown Calgary



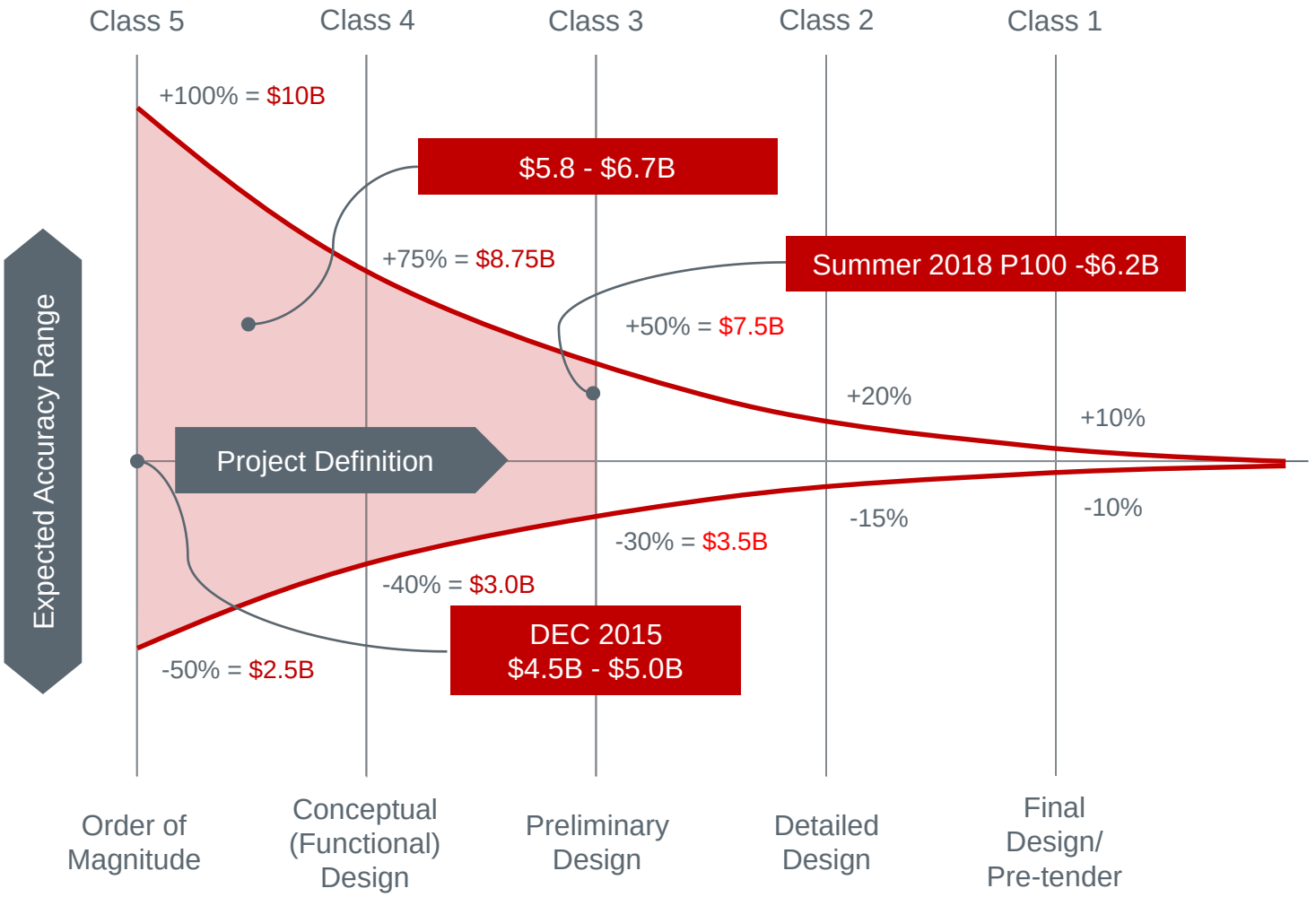
Single-bore or twin-bore



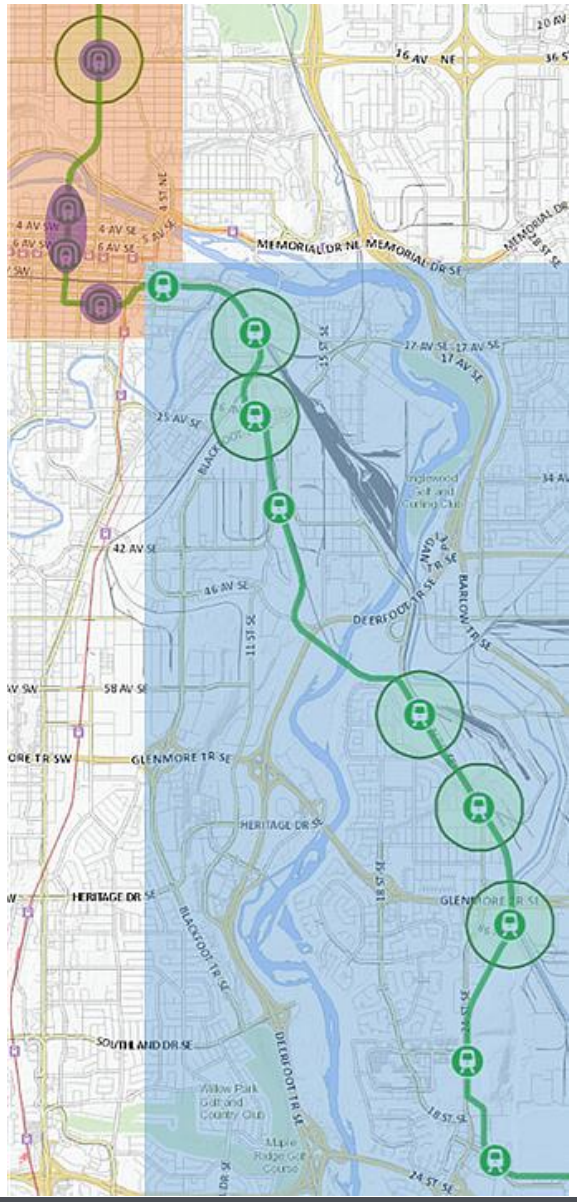
Station construction

Station construction

Today – project cost estimate range



Procurement strategy

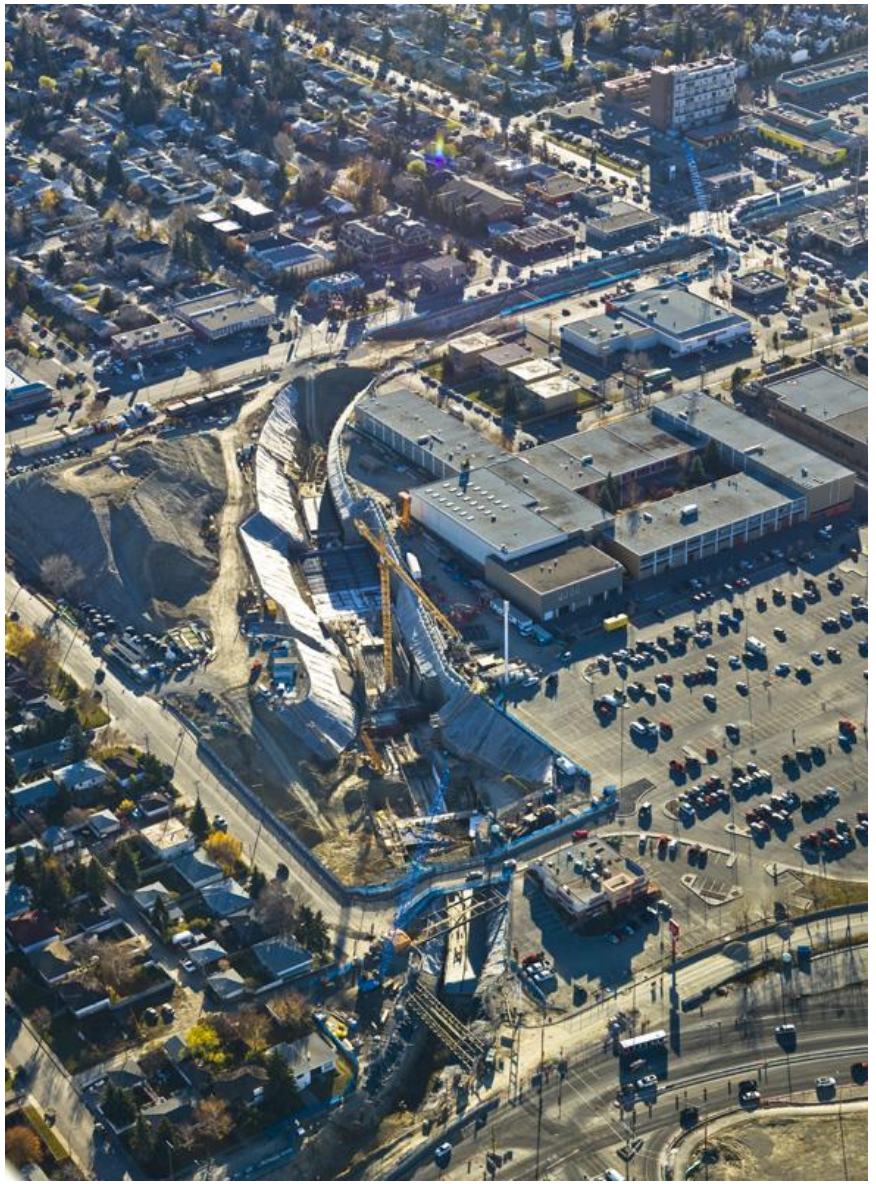


Team readiness

- Leadership
- Experience with technical risks
- Internal processes limiting agility

Project risk recaps

- Downtown Geology
- Downtown Station Construction
- Team readiness



Project timeline

Project benefits

- Opening Day in 2026
- 60,000 to 65,000 daily transit trips
- 12,000 direct construction jobs and over 8,000 supporting jobs
- 30,000 tonnes GHG reduction
- Adds 4 TOD areas
- Connects 2300+ existing affordable housing units
- Connects existing 60+ Community Services

Vision

A transit service that improves mobility in existing communities in north and southeast Calgary connecting people and places, and enhancing the quality of life in the city.

Questions?