



Green Line Update TT2019-8011 July 29, 2019

Michael Thompson, General Manager, Transportation
Allan Neill, Managing Director, Green Line





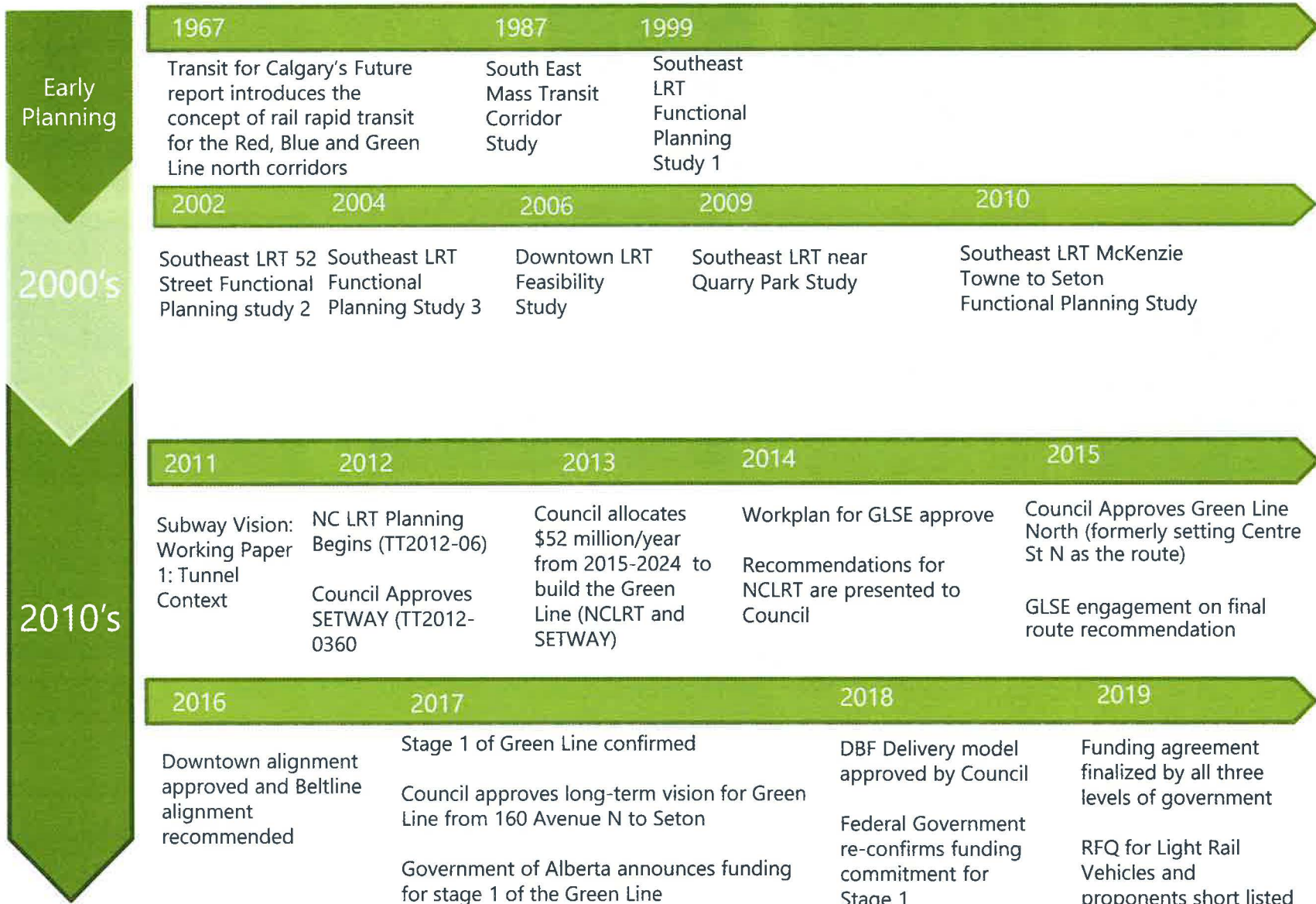
Vision

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.





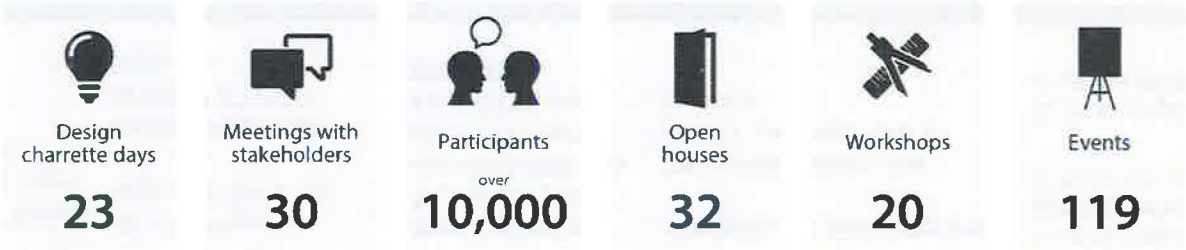
Project History





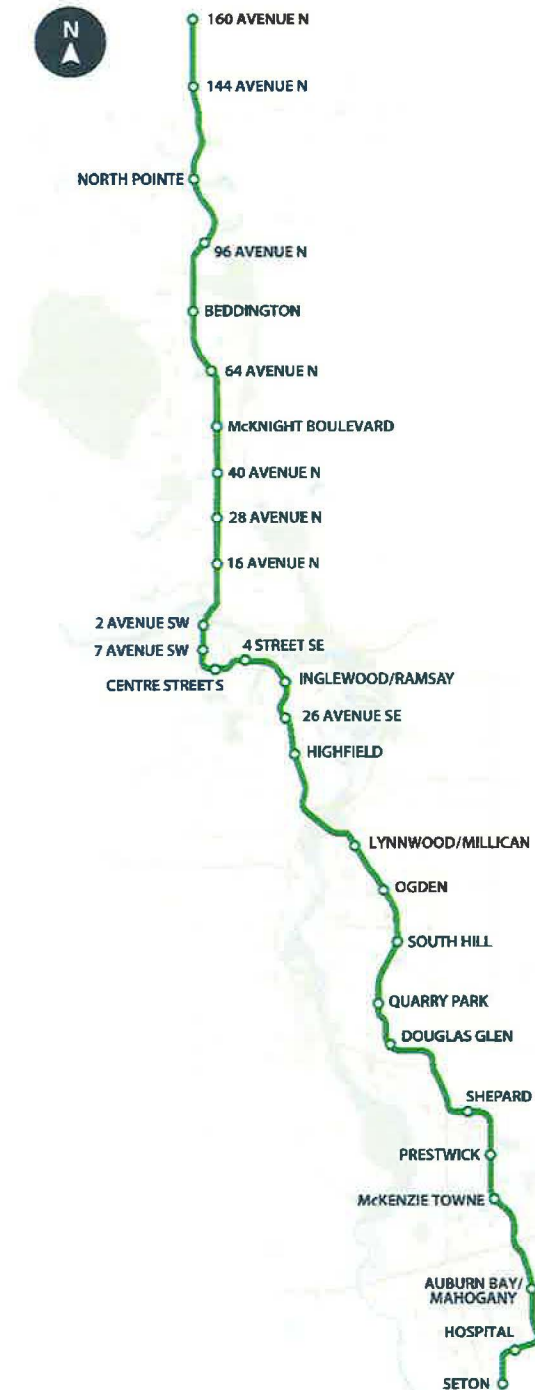
Engagement Process

Working with **Calgarians** to set the long-term vision



Green Line Long Term Vision

- ✓ 46 kilometres of track
- ✓ 27+ communities served
- ✓ 220,000 – 240,000 estimated trips per day
- ✓ 28 stations
- ✓ Future airport connection
- ✓ 9 Transit Oriented Development sites



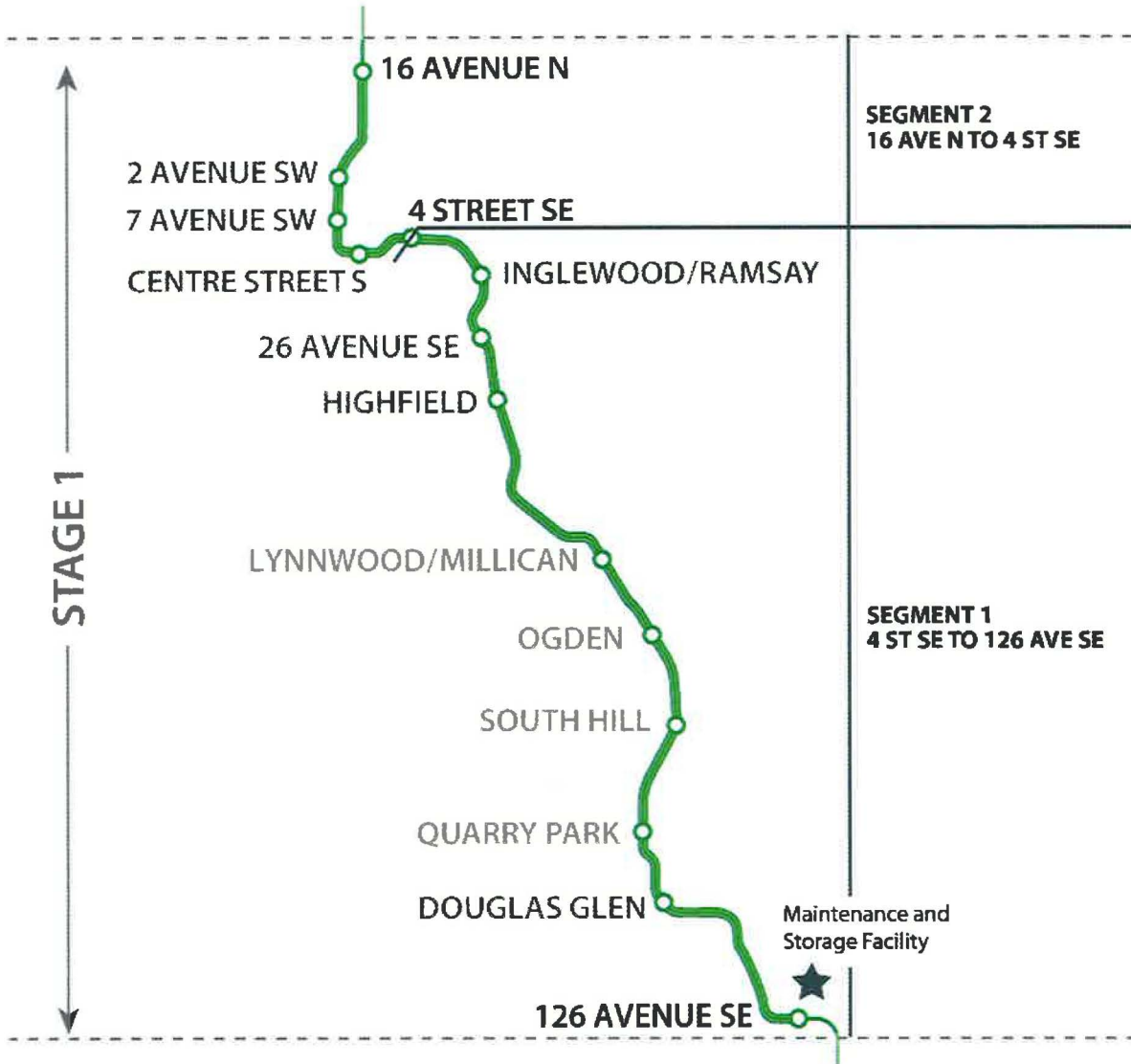
Slide 5

TM30

Can you confirm the ultimate ridership and the years in which that is relevant for
Thompson, Michael, 7/28/2019



Stage 1



Segment 1	Segment 2
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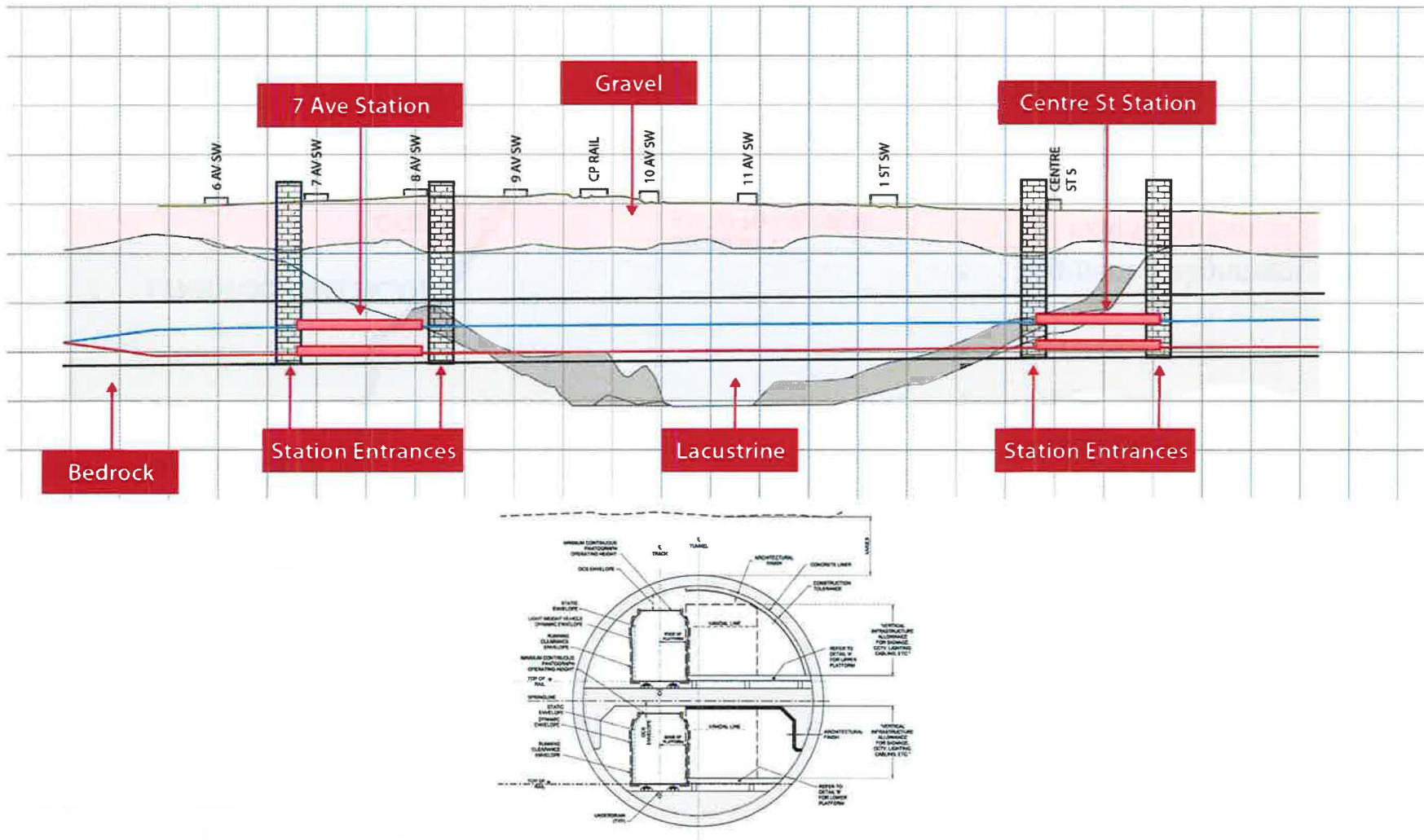
- | | |
|--|--------------|
| ▪ \$2.4B | ▪ \$2.2B |
| ▪ \$150/km | ▪ \$550/km |
| ▪ 16 km | ▪ 4 km |
| ▪ 10 stations | ▪ 4 stations |
| ▪ 1 MSF | |
| ▪ Systems | |
| ▪ Segment 2 alignment review will extend to Ramsay | |

LRV Procurement

- 34 - 44 LRVs

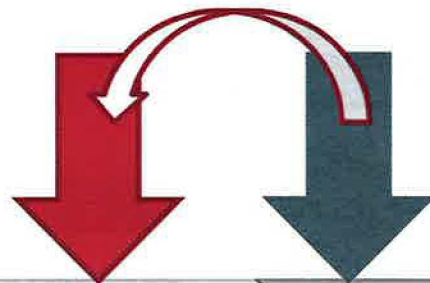
Risks Through Downtown Calgary

Single-bore Soil Conditions





Procurement Risk Tolerance

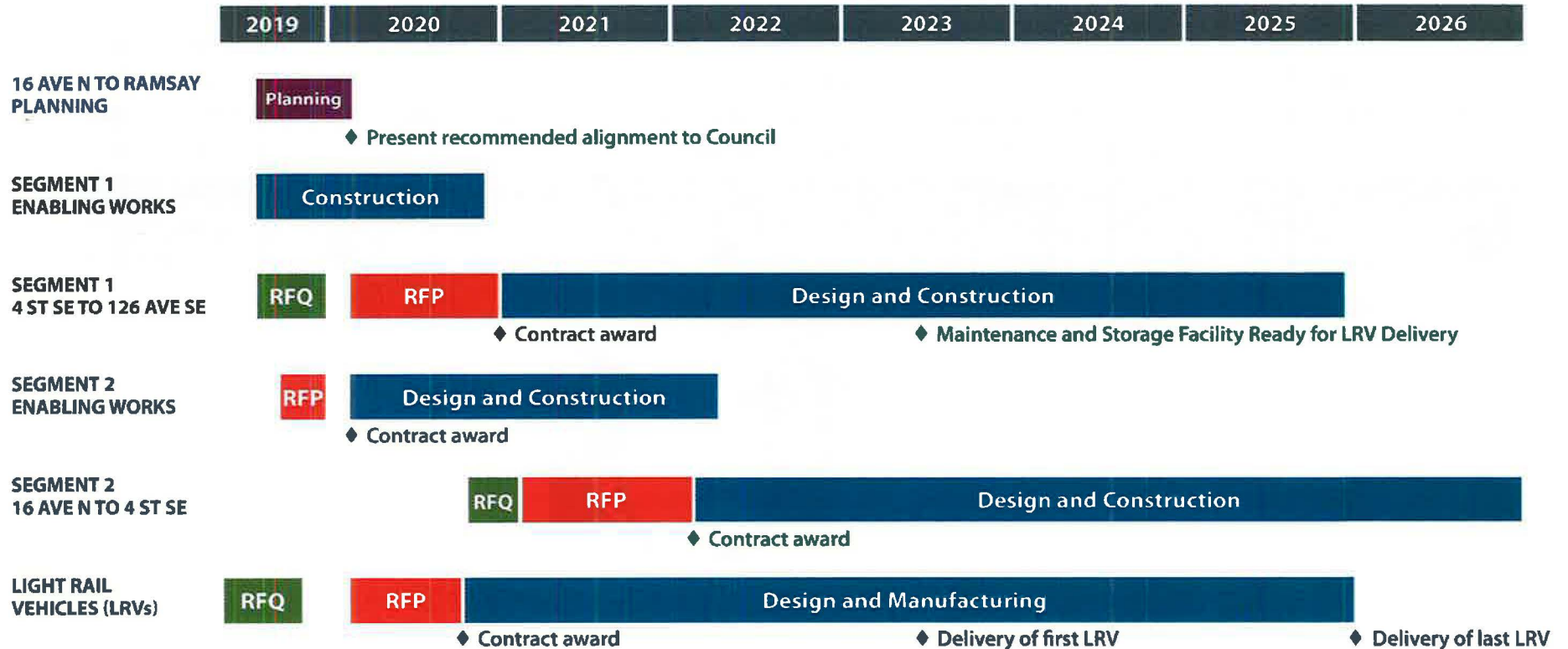


Low			Medium	
Level 1 Averse	Level 2 Minimalist	Level 3 Cautious	Level 4 Open	Level 5 Motivated
The City is not willing to accept risk under any circumstances.	The City is not willing to accept risk in most circumstances.	The City is willing to accept risk in certain circumstances.	The City is willing to accept risks.	The City accepts opportunities that are inherently high risk.

Capitalizing on opportunity to obtain multiple bidders and competitive bids.
While balancing risk transfer to appropriate parties.



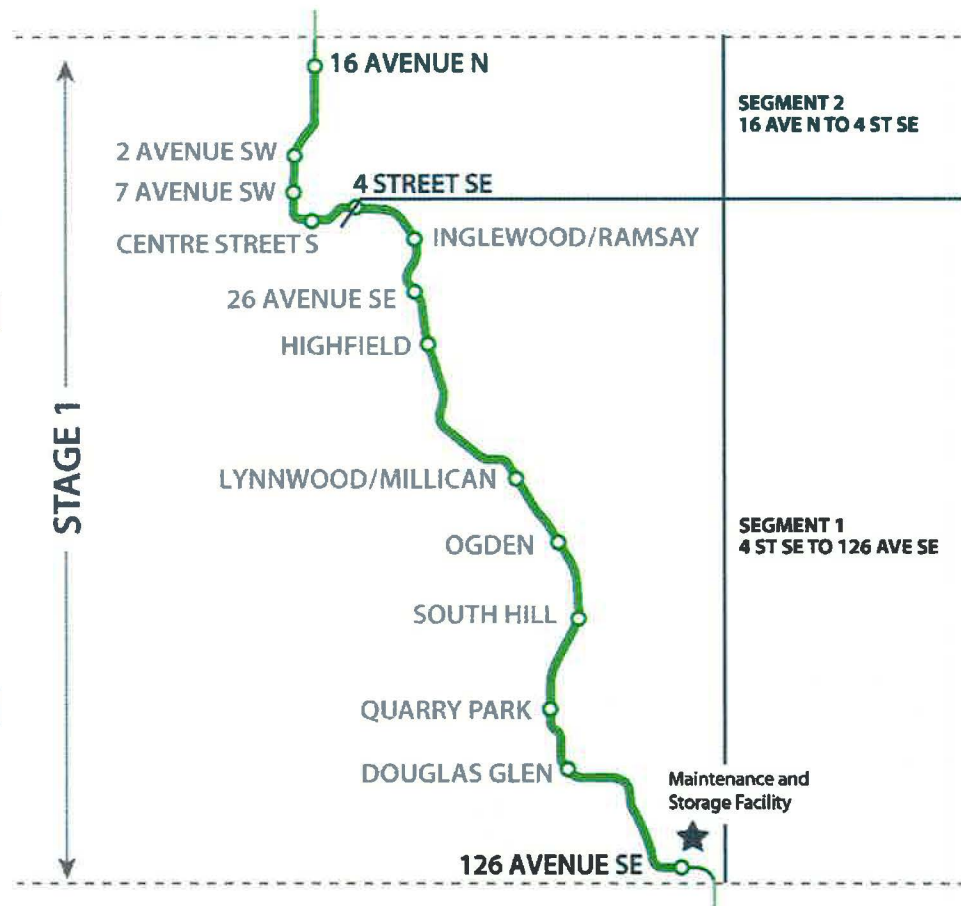
Stage 1 – Delivery Strategy





Strategy Benefits

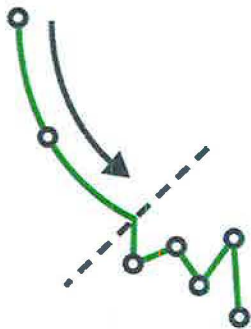
- 80% of Stage 1 is ready now
- Provides a 6 month review period for a discussion with Stakeholders
- Reduces risk of \$50 million annual escalation for Segment 1
- Capitalizes on current market prices
- Begins to create 12,000 direct and 8,000 indirect jobs



Next Steps



Third Party Technical
& Risk Committee



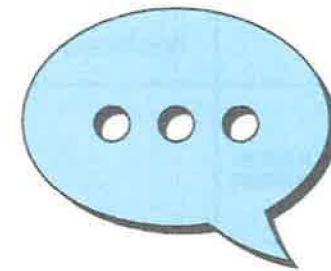
Simplify while
maintaining the vision



Implement Strategy



Urban integration &
design



Talk to Calgarians

Calgary



Thank You.