

Calgary

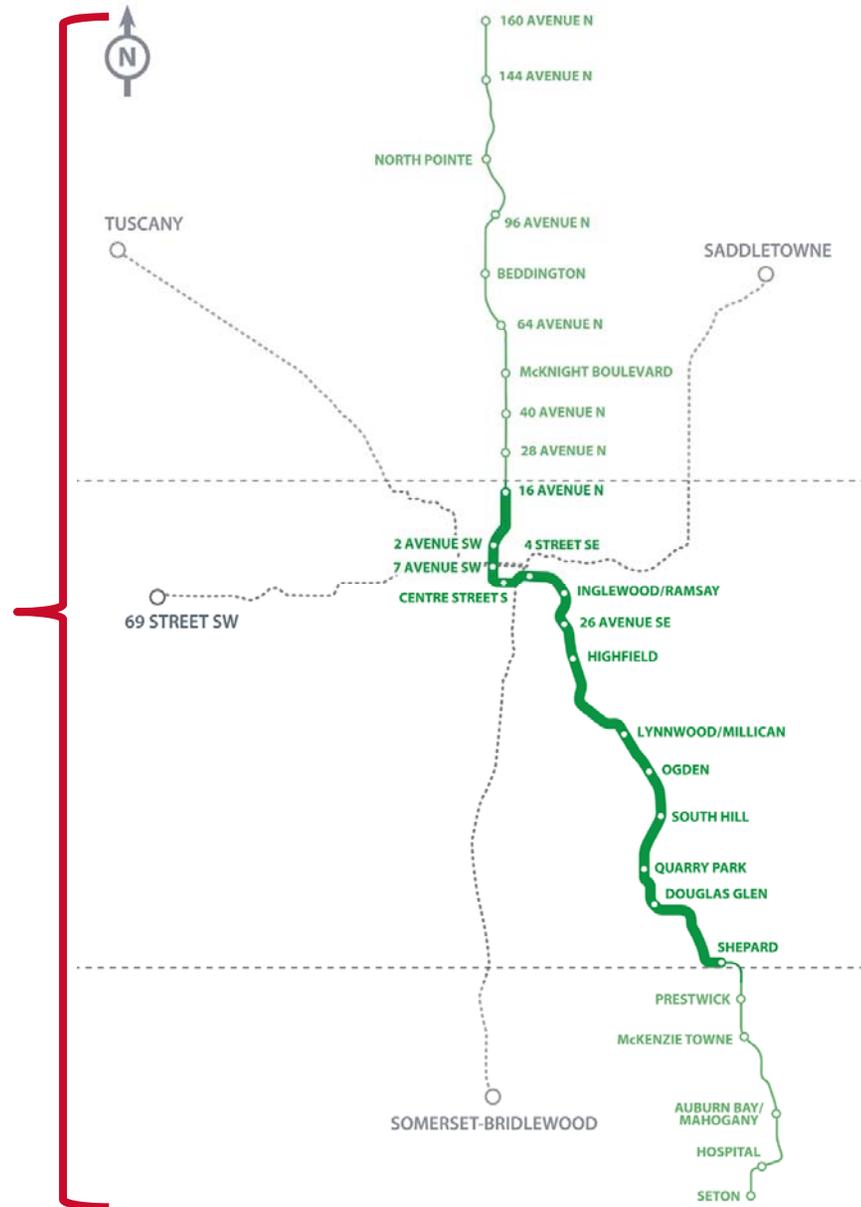


Green Line LRT Council Presentation November 27, 2017



Green Line Program

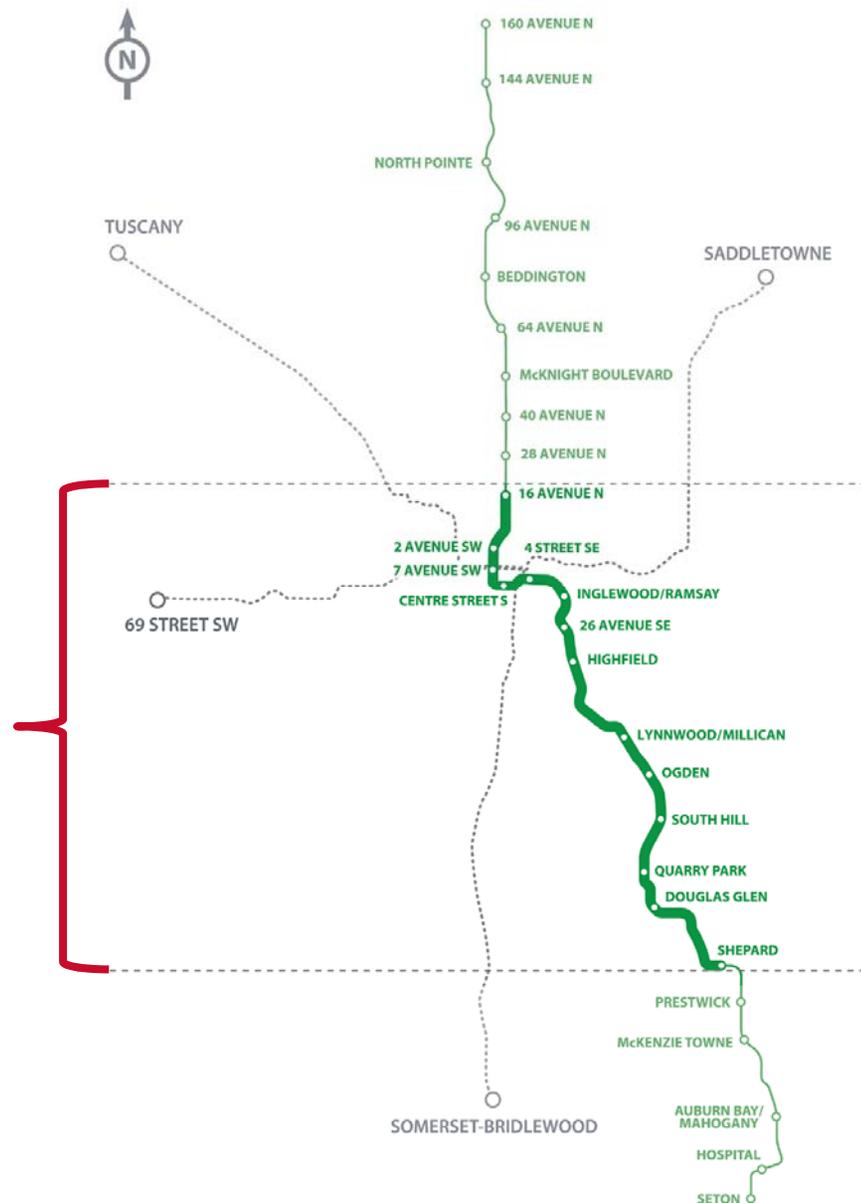
- 46km in length
- 160 Ave (north) to Seton (south)
- Connects with existing LRT network at 7th Ave
- Transit Orientated Development & City Shaping are key components of the Green Line Vision





Green Line Project

- \$4.65 billion capital commitments for initial stage will fund:
 - 20km Track & 14 Stations
 - Approx. 70 LRV's
 - Maintenance Facility
 - 8 Bridges
 - 4km tunnel under the Bow river & through downtown
- Operating & Financing costs are not included





Approved Funding



\$1.53 B Announced

Terms to be defined

\$111 M Enabling Works

Public Transit Infrastructure Fund (PTIF) Phase 1

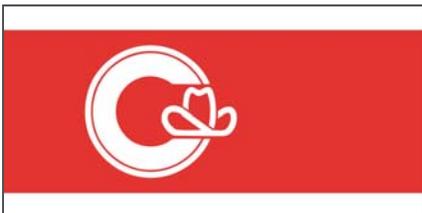


\$1.53 B Announced

\$195M/yr starting in 2019 (for 8 years)

\$147.9 M Enabling Works

(Green Trip & PTIF matching)



\$1.56 B Announced

\$52M/yr starting in 2015 (for 30 years)



May 15, 2017 Council Managing the Operating Impact

Two Operating Budget Impacts	
Starting 2018	\$56M / yr debt service
Starting 2026	\$40M / yr net operating costs (2016 dollars, uninflated)
Recommended Financing Costs Funding	
Starting 2018	\$23.7M - 2017 Tax Room (for debt service) - \$32.3 debt service still unfunded + \$40 operating
Additional Funding Options	
Starting 2018	\$24M - 2018 Base Budget (for debt service) - \$8.3 debt service still unfunded + \$40 operating
Starting 2019	\$32.3M - 2019 Base Budget (for debt service) - All debt service funded + \$40 operating unfunded
Starting 2019 through 2028	\$32.3M (debt service) + Dedicated 0.3% annual Tax builds to \$40M (for operating)
Starting 2026	\$40M - 2.5% base budget (for operating)



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Managing the Operating Impact

	Initial Scenario – 2017 May 15 Council Meeting	Current Scenario – Provincial Funding Over 8 Years (July 24, 2017)
Total Financing Cost (Interest)	\$1.54B	\$0.63B
Incremental Funding for Financing Cost	\$56M/year	\$25M/year
2017 Tax Room	\$23.7M	\$23.7M
Balance Required	\$32.3M	\$1.3M



Schedule

- Alberta Provincial & Federal Government bi-lateral agreement by March 2018
- Contracting Strategy to Council - Q1 2018
- RFQ – Q4 2018
- RFP – Q1 2019
- Financial Close 2020
- Construction Start 2020
- Opening Day 2026





Green Line Team Structure

Program - Supporting the Vision

- Future stages planning and design
- Finance & Environmental
- TOD and city shaping
- Government relations
- Currently 5 staff will increase to Approx. 20 staff

Project – Stage 1 LRT Delivery

- Specifications being completed
- Over 100 Properties being Acquired
- Procurement selection
- Managing enabling works construction projects
- Currently 18 staff will increase to Approx. 60 staff

Internal Support

- Support from over a dozen internal business units

External Consultants

- Technical/Design – Hatch
- Legal – Blakes
- Financial – KPMG
- Currently Approx. 150 full time consultants

Please note: Team structure is from present day to construction start (2020) and will change depending on procurement model



Next Steps

- Council approval of recommended financing costs
- Continue to build the Team to effectively deliver the project
- Finalize funding agreements with Federal and Provincial Governments
- Recommend contracting strategy to Council
- Continue property acquisition for Stage 1
- Continue with enabling works projects