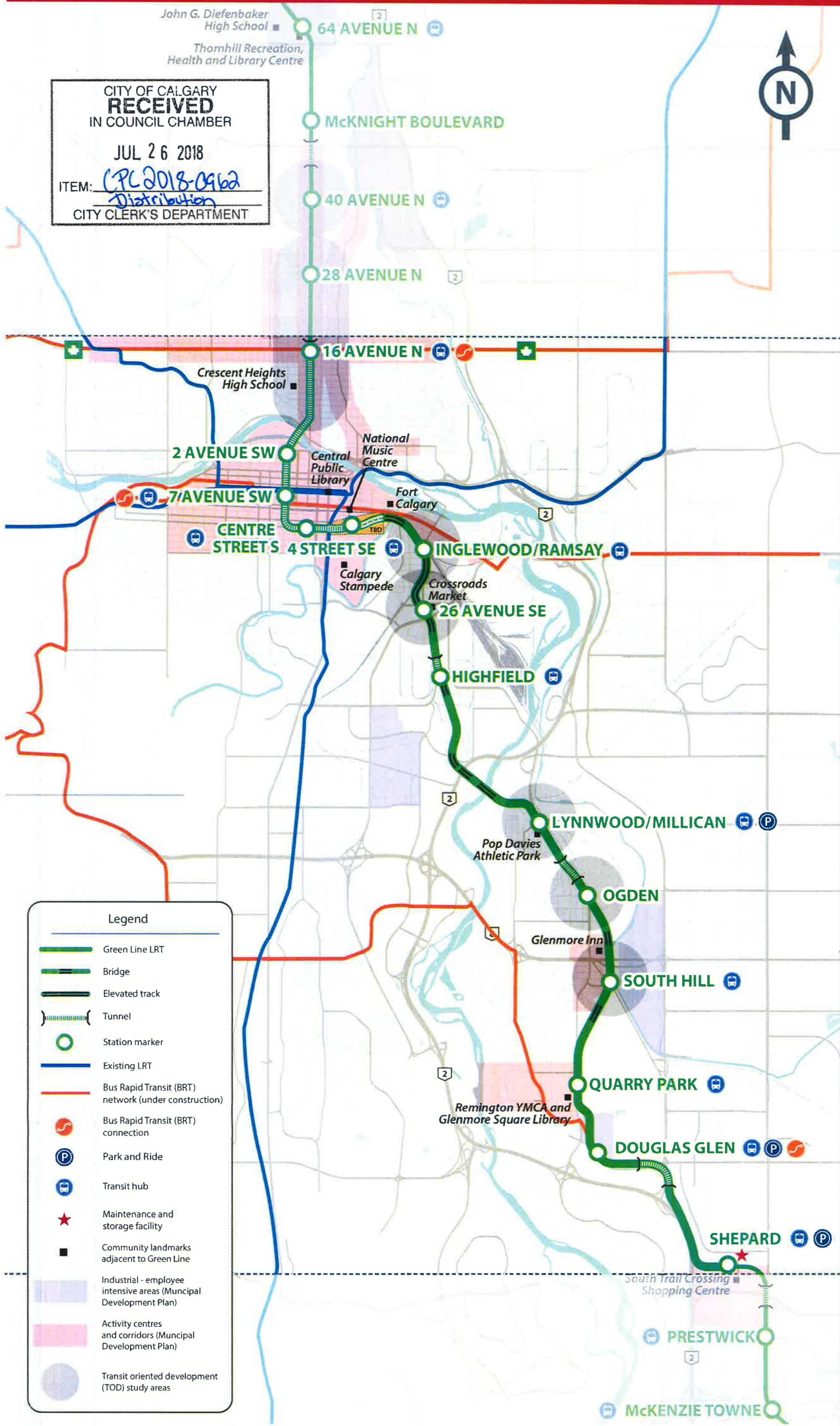


Stage 1 - Opening Day | 16 Avenue N (Crescent Heights) to 126 Avenue SE (Shepard)

CITY OF CALGARY
RECEIVED
IN COUNCIL CHAMBER

JUL 26 2018
ITEM: CPC2018-0962
Distribution
CITY CLERK'S DEPARTMENT



Transit
customer
benefits



Ridership
60,000
-65,000
LRT passengers



Ride time
34 min
(16 Avenue N - Shepard)



Frequency
Every 10 mins
15 hours a day
7 days a week



Reliability
20 km
of dedicated
LRT track

CPC2018-0962

Transit connections

LRT stations providing links to destinations across Calgary:

- 11** Transit hubs
Connecting many bus routes with frequent service
- 4** Bus rapid transit (BRT) connections
Fast, reliable, limited stop services with dedicated lanes
- 8** Primary transit connections
Service every 10 minutes, 15 hours daily, 7 days a week
- 4** Regional connections
Transit routes between Calgary and surrounding communities

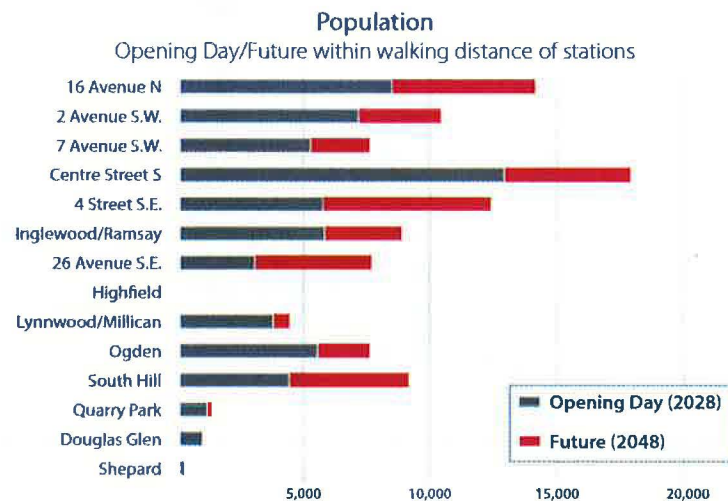
Quick facts

- 20** Km of LRT track
- 14** Stations
- 8** Bridges
- 1** Km of elevated track
- 3** Park and Ride facilities with approximately 1,900 stalls
- 3** Tunnels
- 4** Km Centre City tunnel
- 70** Low floor vehicles
- 1** Maintenance and storage facility
- \$4.65B** Capital construction cost

Planning for the future



Transit-Oriented Development (TOD)



Potential for future development



6
Transit Oriented Development (TOD) stations

- 16 Avenue N
- Inglewood/Ramsay
- 26 Avenue S.E.
- Lynnwood/Millican
- Ogden
- South Hill

Want to know more?

Go to our project website for more details on the project and upcoming events:
www.calgary.ca/greenline

Follow the Green Line story on Twitter and Instagram:
@yyctransport #GreenLineYYC
GreenLineYYC

Calgary



Green Line Stage 1 - Opening Day

16 Avenue N (Crescent Heights) to 126 Avenue SE (Shepard)



Benefits to Calgarians



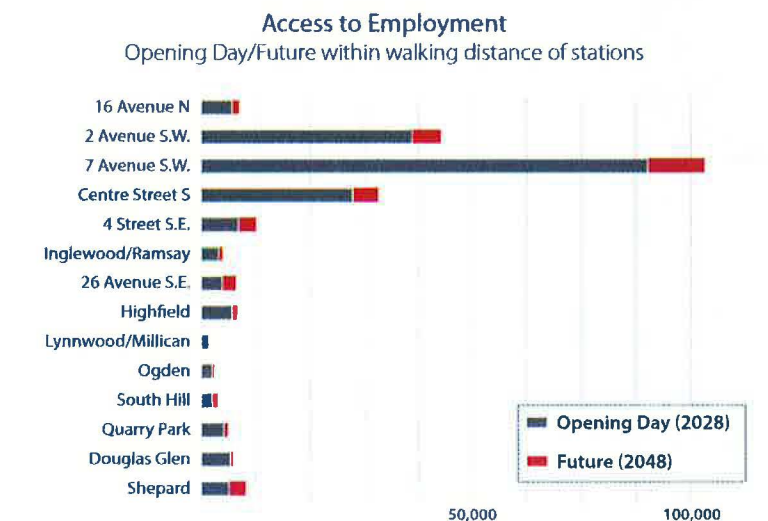
Social

- 60** Community services nearby (existing)
- 2,300** Affordable housing units nearby (existing)
- 7,000** Low income population served (existing)



Economic

- 2,000 per year** Job creation as a result of constructing Stage 1
- \$1.92B** Property value uplift (2046)
- 191,700** Opening day jobs (2028)
- 225,500** Future jobs (2048)



Environmental

6,000 cars generate 30,000 tonnes of CO² each year.



With a wind powered Green Line,



we could reduce carbon-emissions by 30,000 tonnes each year

May 2017

Green Line is working toward an accelerated Development Liaison (DL) application process for Stage 1 of the Green Line. Corporate Planning Applications Group (CPAG), Calgary Planning Commission (CPC), and The Urban Design Review Panel (UDRP) are being asked to review the latest design drawings from Green Line to provide comments and recommendations by November 1, 2018. The Green Line team has advanced the drawings for Stage 1 to a 30% design level to demonstrate that the project is feasible and constructible within the approved budget parameters.

The City is looking at Public-Private Partnership models for the construction of the Green Line which would allow the successful team (referred to as Project Co.) chosen through the Request for Qualifications (RFQ) and Request for Proposal (RFP) process to finish the Green Line engineering design drawings in a way that may offer innovative or cost saving measures to the project. The successful project team will be required to meet performance criteria in the Technical Performance Requirements (TPR) with design guidance from the Green Line Urban Integration (GLUI) Document and the Station Parti without having to strictly adhere to the reference concept drawings.

By working with CPAG, UDRP and CPC on the DL applications Green Line is working to minimize the risk to the successful team which saves time and money for the City. The comments and recommendations provided by the internal teams will be reviewed by the Green Line and translated into TPR as needed.

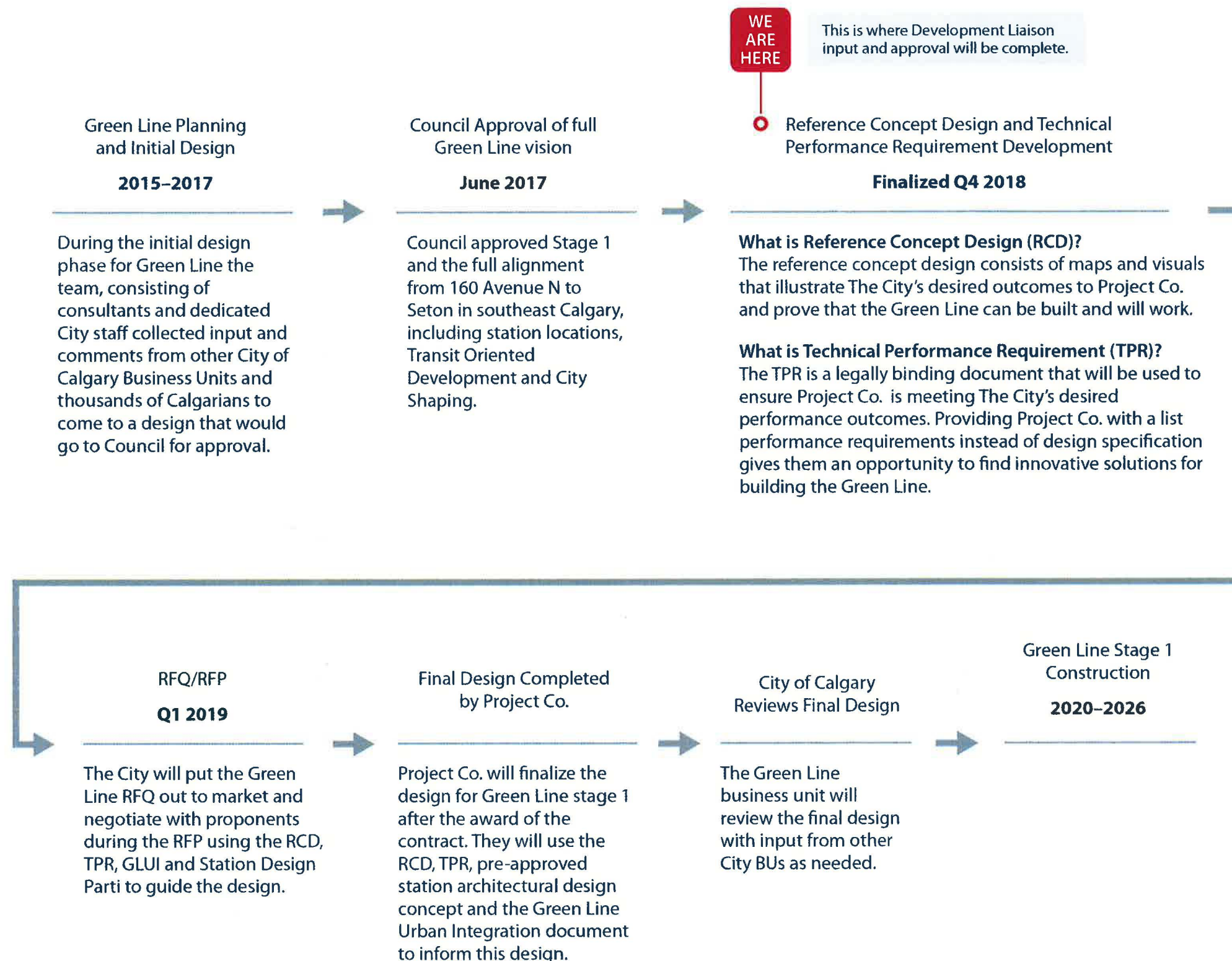
Key Terms:

GLUI: Green Line Urban Integration Document – A document containing photographic representation of the design styles for street furniture and public facing urban elements of the Green Line.

RCD: Reference Concept Design – The drawing set that is used to visually capture the design of the Green Line and to demonstrate feasibility. It is not part of a legally binding contract and it does not have to be strictly adhered to during the design or construction process. This drawing set will include typical engineering and architectural drawings completed to a 30% design level with some items developed to a higher level of detail than others.

Station Parti: Is the basis of the preliminary design philosophy behind the architectural design of the stations. The Green Line Parti is based on three key images: a puff of steam from the historical steam engine, light and shadow patterns from a Chinook and a 1974 art piece called "Running Fence" by Christo and Jeanne-Claude. For more information check out: <https://www.youtube.com/watch?v=0rzlP6Hsn8Q>

Project Co: The private sector team that has been successfully chosen to lead the design and construction of the Green Line.



**INFORMATION PREPARED BY
THE CITY OF CALGARY ON OR
BEFORE JUNE 29TH, 2018**

Station	Typology	Platform	Plaza	Bus Loop	Bus Stop	Bike Storage	Drop Off / Pick Up	Parking	Ancillary (Driver's WC)	TPSS	Ventilation
16 Ave N	Underground	Central Platform	3 head house + plaza	no	yes	yes	no	no	Yes, underground	not within the station area	yes
2 Ave SW	Underground	Central Platform	2 head house	no	yes	no	no	no	Yes, underground	not within the station area	yes
7 Ave SW	Underground	Central Platform	3 head house + plaza	no	yes	no	no	no	Yes, underground	not within the station area	yes
Centre ST S	Underground	Central Platform	2 head house	no	yes	no	no	no	Yes, underground	not within the station area	yes
4 St SE	At grade	Side Platform	Plaza connecting underpass to station	no	no	yes	no	no	no	yes	no
Inglewood / Ramsay	Elevated	Side Platform	Plaza, upgrade the underpass	no	yes	yes	yes	yes, small/ 10	yes within the station	yes	no
26 Ave SE	Elevated	Side Platform	yes	no	yes	yes	no	no	yes within the station	yes	no
Highfield	At grade	Central Platform	no	yes	no	no	yes	no	no	yes	no
Lynnwood / Millican	At grade	Side Platform	Yes	yes	yes	yes	yes	yes, large	yes	yes	no
Ogden	At grade	Side Platform	yes	no	yes	yes	no	no	no	no	no
South Hill	At grade	Side Platform	yes, linear plaza	yes	no	yes	yes	no	yes	yes	no
Quarry Park	At grade	Side Platform	no	no	yes	no	no	yes, mid size	no	no	no
Douglas Glen	At grade	Side Platform	yes	yes	no	yes	yes	yes, large	yes	yes	no
Shepard	At grade	Side Platform	yes, small	yes	no	yes	yes	no	yes	Maintenance	no