

Green Line Board Report Q1 2022

RECOMMENDATION(S):

That the Executive Committee:

1. Receive this report for the corporate record; and
2. Direct that the Closed Meeting presentation and discussion remain confidential pursuant to Sections 21 (Disclosure harmful to intergovernmental relations), 23 (Local public body confidences), 24 (Advice from officials), 25 (Disclosure harmful to economic and other interests of a public body), and 27 (Privileged information) of the *Freedom of Information and Protection of Privacy Act*, to be reviewed by 2034 January 25.

HIGHLIGHTS

- This quarterly report provides an update by the Green Line Board as required by the Green Line Board Bylaw 21M2020.
- What does this mean to Calgarians? Quarterly reports from the Green Line Board (the “Board”) to Executive Committee of Council keep Calgarians informed on the progress and governance of the Green Line LRT project. In addition, the Board publishes monthly reports which are provided to members of Council and the public.
- Why does this matter? This demonstrates that the largest publicly funded project in Calgary’s history is being well managed, which contributes to confidence in the Board’s ability to deliver the Green Line project goals and objectives.
- Significant achievements were made in 2021 to move Green Line forward and that progress will continue in 2022.
- The Request for Qualification (RFQ) are anticipated to go to market in Q1 2022 and the Request for Proposals (RFP) in Fall 2022.
- The procurement process for the Light Rail Vehicles (LRVs) has concluded and the Supply Agreement has been awarded to Construcciones y Auxiliar de Ferrocarriles (CAF).
- Station integration is proceeding for the Beltline and downtown stations. Opportunities have been identified and include options for integration of station entrances within existing or future developments, as well as opportunities for future integration with adjacent developments.
- Strategic Alignment to Council’s Citizen Priorities: A city that moves

DISCUSSION

2021 Accomplishments

Significant progress was made by the Board and Green Line team in 2021 to advance the Green Line project. Some of these achievements are listed below and enable the planned work in 2022.

- Concluded the provincial review
- Announced the redefined procurement strategy and construction phasing
- Conducted three rounds of market sounding to generate interest in the Green Line project and incorporate market feedback into the structure of the procurement process.

Green Line Board Report Q1 2022

- Received endorsement from Council's Green Line Committee on Segment 2 Functional Plan
- Welcomed Prime Minister Trudeau to affirm ongoing federal commitment for the project
- Closed the RFP and announced PCL as the Construction Manager for Beltline Downtown Utility Relocation Project
- Completed LRV procurement and awarded the contract for the new low-floor LRV fleet to CAF

Procurement Process and Schedule

The Board has approved the Phase 1 Design Build Finance (DBF) procurement schedule and the Green Line team is moving forward with procurement. The procurement process and schedule is being informed by feedback from the market.

The Board will undertake a formal review of the Phase 1 DBF at key project gates, including before the RFQ is released and before the RFP is released, to consider the health of the Project and ensure costs and risks are being appropriately managed.

Light Rail Vehicle (LRV Procurement)

The competitive procurement process for the LRVs concluded and the contract was awarded to Construcciones y Auxiliar de Ferrocarriles (CAF) in 2021. The contract includes 28 modern low floor LRVs that will improve accessibility, reduce station footprint, and enhance safety for pedestrians and vehicles. In addition to the LRVs, CAF will be supplying special tools and test equipment for operations and maintenance of the vehicles.

The short-term focus is to progress design on the LRVs to reduce vehicle related risks to the DBF procurement. This will ensure the LRVs and Infrastructure are integrated into an accessible, reliable, and safe system.

Station Integration

The four underground station locations in the Beltline and downtown are located at 4 Street SE, Centre Street S, 7 Avenue SW and 2 Avenue SW (Eau Claire). Discussions with property owners on base case plans for station integration are ongoing with alternate plans being considered by the project team.

Financial Update

\$88,062,505 was spent in 2021 with an overall spend of \$706,132,132 as of December 31, 2021. The current budget is under pressure due to changes in escalation and schedule updates. Options are under review to mitigate these pressures. Overall spend is anticipated to substantially increase in 2022 as work proceeds with the Beltline Downtown Utility Relocation Project and land acquisitions.

Additional information is provided in Attachment 1 (Green Line Board Q4 2021 Progress Report).

Green Line Board Report Q1 2022

STAKEHOLDER ENGAGEMENT AND COMMUNICATION (EXTERNAL)

- Public Engagement was undertaken
- Public Communication or Engagement was not required
- Public/Stakeholders were informed
- Stakeholder dialogue/relations were undertaken

During development of the Phase 1 procurement process and schedule, potential bidders have been engaged through market soundings to ensure an attractive procurement can be implemented.

Discussions with property owners are ongoing to investigate station integration.

IMPLICATIONS

Social

The Green Line will extend Calgary's public transit network, providing increased access for all Calgarians. The Green Line will help connect Calgarians from across the city to employment hubs and destinations.

Environmental

Green Line will reduce emissions to mitigate climate change and provide cleaner air. Stage 1 is anticipated to save up to 30,000 tons of Greenhouse Gas emissions a year in support of municipal, provincial, and federal environmental goals.

Economic

The Green Line project is expected to create almost 20,000 jobs throughout construction.

Service and Financial Implications

No anticipated financial impact

There are no anticipated financial impacts to current budgets as a result of this report.

RISK

All mega projects have risks. To assist in managing and mitigating potential risks, a detailed risk register and risk management strategies are regularly reviewed and updated by the Green Line team.

Competitive pressure in the marketplace in Canada may create limited capacity and interest in the Phase 1 procurement. Market soundings have been undertaken to mitigate this risk.

Current economic and real estate market pressures are influencing negotiations for station integration. Discussions with property owners and investigation of alternate plans are ongoing to address this risk.

Vacancies exist within the leadership team. The Chief Operating Officer is being onboarded with recruitment currently underway to fill the other leadership positions.

**Green Line Report to
Executive Committee
2022 January 25**

**ISC: UNRESTRICTED
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Page 4 of 4**

Green Line Board Report Q1 2022

ATTACHMENT

1. Green Line Board Q4 2021 Progress Report

Department Circulation

General Manager/Director	Department	Approve/Consult/Inform
Don Fairbairn	Chair, Green Line Board	Approve
Darshpreet Bhatti	Green Line, CEO	Approve