

Green Line Board

June 2024 Public Progress Report

JUNE HIGHLIGHTS

Development Phase Agreement

Extensive due diligence has been completed in the evaluation of all options with respect to risk allocation, price, and project schedule. As per the Green Line Board Bylaw (21M2020), the Green Line Board has put forward recommendations to Council to advance Phase 1 of the Green Line LRT on July 30, 2024.

Note: Details on the decision that Council makes at the July 30, 2024 meeting will be presented at the August 1 Green Line Board meeting to supplement this June look-back report.

Beltline Downtown Utility Relocation Project

All deep utility construction and final road remediation are now complete and operational in Beltline east. In Beltline west, ENMAX continues to work to complete the installation and energization of the transmission project. Work continued downtown with work completed in advance of Stampede. CDHI is planning to start new work along 5 and 6 Avenues S.W. on September 6, with the intention of completing all scope in 2024.

78 Avenue Project

Construction started on the Ogden Pedestrian Tunnel structure with preparation of the subgrade, construction of the base slab, and pouring of the walls. Work continued on widening of 78 Avenue S.E. and improvements to the sidewalks will continue through early September. Construction continued on the reconstruction of Ogden Dale Road north to the roundabout at 78 Avenue S.E.

Demolitions

Demolition of Harvard Manor (603 11 Avenue S.E.), Tony's Auto (611 11 Avenue S.E.) and the Grandell Building (619 11 Avenue S.E.) located in Beltline East adjacent to the proposed 4 Street Station were completed in June.













The Request for Proposal (RFP) for Downtown properties has closed and the bids are under evaluation.

Light Rail Vehicles (LRV)

Construcciones y Auxiliar de Ferrocarriles (CAF) achieved the completion of the Inspection and Testing Procedure Review on June 10, 2024, which marks another key Milestone in the delivery of the LRVs.

Green Line and CAF commenced the Conformance Test Procedures, and the Manuals review in May 2024 to ensure that these documents are ready for the testing and fabrication phase and to ensure a smooth acceptance of the LRVs. Conformance testing will commence in September 2024.

PROJECT STATUS DASHBOARD

Functional Area	June Status	May Status	Comments
Health & Safety			<ul style="list-style-type: none"> Six (6) incidents were reported for the month of June 2024 – one (1) lost time, three (3) property damage, and two (2) near misses. Lost time incident resulted in an injury to a worker. OSHA visited the site and a safety stand down was held. Incident investigation is ongoing and lessons learned will be shared with the broader team. 10 site safety inspections were conducted by the Green Line team in June and 18 non-conformances were issued and addressed.
Public Affairs			<ul style="list-style-type: none"> New Green Line website launched. Connected with 206 businesses, residents, and key stakeholders in June.
Schedule			<ul style="list-style-type: none"> Work on key program activities is progressing.
Cost			<ul style="list-style-type: none"> The status remains red due to higher than anticipated estimates from some subcontractors. Extensive due diligence has been completed in the evaluation of all options with respect to risk allocations, price, and project schedule.
Environmental			<ul style="list-style-type: none"> No environmental incidents occurred in June.
Quality			<ul style="list-style-type: none"> Five non-conformances were reported for the 78 Avenue Project; all have been reviewed by the technical team. Three non-conformances are closed, and two are pending test results or final review.
*Definitions of the dashboard statuses can be found online in the Monthly board report and financial summary legend .			

HEALTH & SAFETY

Six (6) incidents were reported for the month of June 2024 – one (1) lost time, three (3) property damage, and two (2) near misses:

- Lost time incident:** The lost time incident involved an injury to a worker's foot when a piece of a broken pipe was projected towards the worker and struck them above the steel toe boot. The worker was provided immediate medical attention. Work on the site was immediately halted and emergency response protocols initiated. OHS was contacted, and the contractor initiated an investigation.
- Near misses:** A vehicle belonging to a member of the public struck construction fencing in Beltline East with no injuries. The driver did not remain on scene, and a police report was filed. Traffic control

measures were adequate but additional preventive measures were implemented and included installation of jersey barriers to replace portion of the site fencing. The second near miss involved a skidsteer operator backing too close to a tandem truck in Beltline East. Preventive measures include reminding equipment operators to comply with the safety policies.

- **Property damage incidents:** included a City vehicle making a contact with a bollard in a parking garage, a ground rod installation caused damage to some telecommunications infrastructure, and a window of a zoom boom was broken when it swung open and contacted temporary traffic signage.

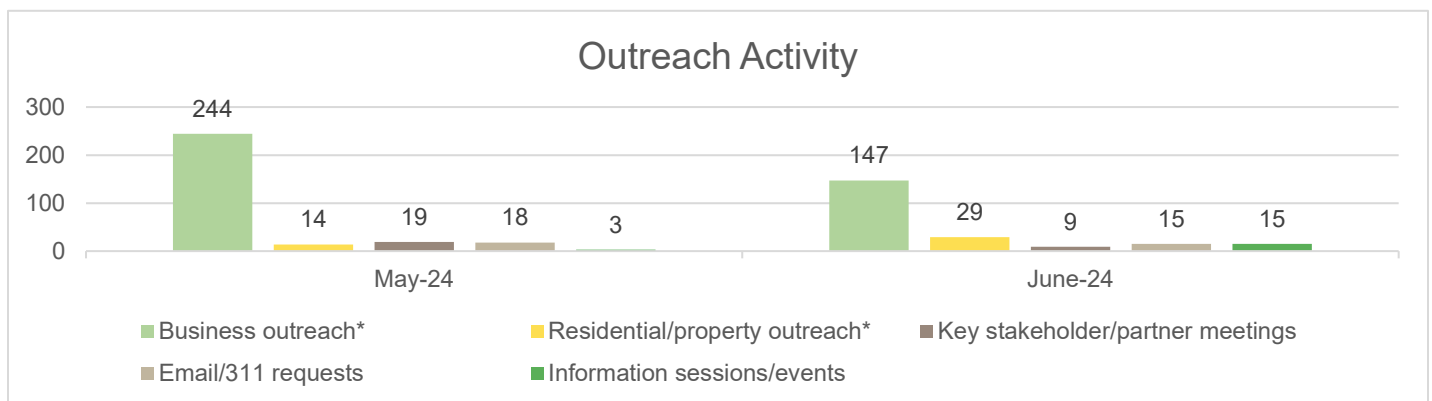
In compliance with established protocols, safety stand downs were held, root cause analyses were completed, preventive actions implemented, and lessons learned were communicated.

COMMUNITY AND PUBLIC RELATIONS

In June, Green Line participated in more than 15 events that included pop-up engagements at retail and park locations along the alignment and participation in larger community events including Lilac Fest, the Calgary Stampede Community Round-Up and Neighbour Day, allowing us to connect with thousands of Calgarians. Questions continue to be centered around tunneling methods, station orientation, LRV specifications, and project costs and timelines.

In the Beltline, ongoing ENMAX work led to reduced business access for several restaurants/retailers. Green Line responded by creating custom signage and identifying key promotional opportunities that tied in with public events. In the Downtown, Green Line identified opportunities for CDHI's work in the 5 Avenue corridor to accommodate several large events at venues that required extra attention.

The team received 15 email and 311 requests, a summary of the business and community outreach for June 2024 is summarized below.



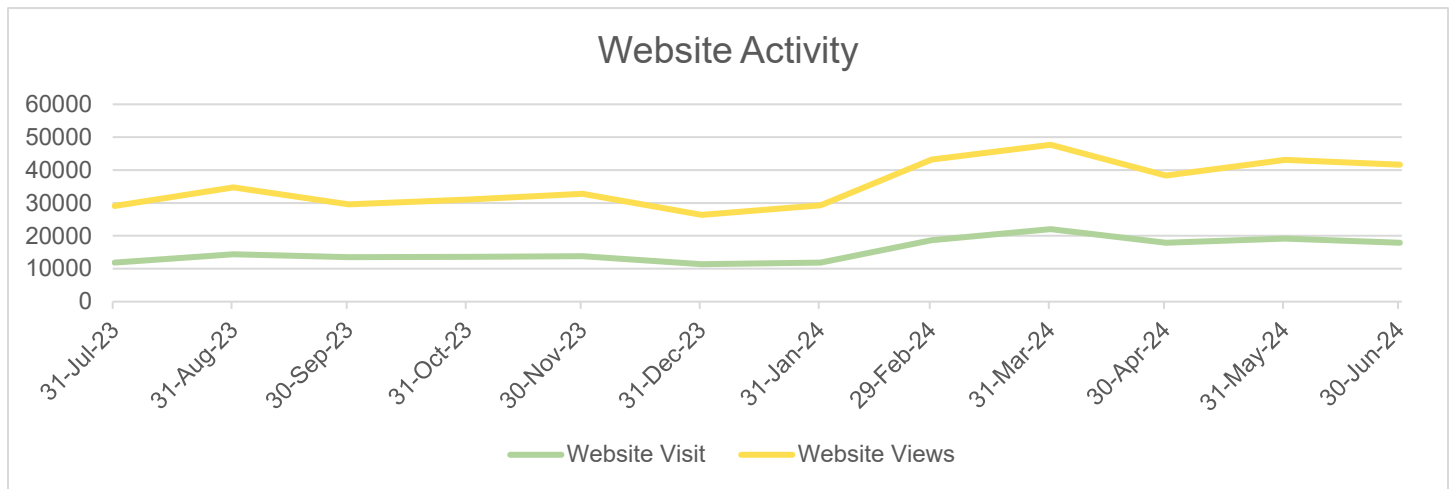
* Outreach includes calls, meetings, and on-site visits.

The Public Affairs team launched the new Green Line website on June 6, 2024. Highlights of the new website include:

- 30% design renderings of every station
- Updated interactive map that shows construction impacts
- Information on tunneling methods and a new graphic explaining tunnel boring

- Navigation menu that is intuitive and can expand to add more content and information as required
- Information and photos on completed and current construction projects
- 360-degree virtual tour of the LRV mock-up
- Search bar that makes it easy to find information
- Mobile-friendly design makes it easy to view on a phone

Previously, the Green Line Map always appeared in the top 3 most visited pages. The new map is hosted through ARCGIS, which does not support Adobe Analytics, so therefore will not show up in analytics reports going forward.



FINANCIAL SUMMARY

Green Line continues to monitor the financial position of the program, below is the financial summary as of June 30, 2024.

Category ^[1]	Committed Cost	Cost to Date	Cost Year to Date
Owner's Cost	103,730,417	103,730,417	7,305,142
Design & Engineering	556,629,670	539,760,524	138,322,071
Construction, Land & Other Assets	829,619,433	608,629,251	54,523,278
Bus Rapid Transit	50,000,000	7,357,303	781,768
Grand Total	1,539,979,521	1,259,177,495	200,932,259

To[1] Details on specific inclusions can be found online in the [Monthly board report and financial summary legend](#).