



AGENDA

GREEN LINE BOARD

July 4, 2024, 9:00 AM

ENGINEERING TRADITIONS COMMITTEE ROOM

Members

Board Member D. Fairbairn, Chair
Board Member I. Bourne, Vice-Chair
Board Member J. Annesley
Board Member L. Beasley
Board Member F. Cummings
Board Member B. Mahajan
Board Member P. McLeod
Board Member M. Nelson
Board Member D. Duckworth

SPECIAL NOTES:

Public are encouraged to follow Green Line Board meetings using the [live stream](#)

1. CALL TO ORDER
2. OPENING REMARKS AND LAND ACKNOWLEDGEMENT
3. CONFIRMATION OF AGENDA
 - 3.1 DECLARATIONS - CONFLICTS OF INTEREST
4. CONFIRMATION OF MINUTES
 - 4.1 Minutes of the Regular Meeting of the Green Line Board, 2024 June 6
5. SAFETY MINUTE
6. CORRESPONDENCE

None
7. CONSENT AGENDA

7.1 DEFERRALS AND PROCEDURAL REQUESTS
None

8. ITEMS FROM GREEN LINE PROGRAM TEAM AND COMMITTEES

8.1 Green Line Board May 2024 Public Progress Report, GLB2024-0818

8.2 COMMITTEE REPORTS

8.2.1 Planning Committee Report (Verbal), GLB2024-0819

8.2.2 Budget and Risk Committee Report (Verbal), GLB2024-0820

8.2.3 Governance and HR Committee Report (Verbal), GLB2024-0821

9. URGENT BUSINESS

10. CONFIDENTIAL ITEMS

10.1 ITEMS FROM GREEN LINE PROGRAM TEAM AND COMMITTEES

10.1.1 Green Line Board May 2024 Confidential Progress Report, GLB2024-0822
Held confidential pursuant to Sections 23 (Local public body confidences), 24 (Advice from officials), and 25 (Disclosure harmful to economic and other interests of a public body) of the *Freedom of Information and Protection of Privacy Act*.

Review by: 2039 July 4

10.1.2 Confidential Development Phase Update, GLB2024-0823
Held confidential pursuant to Sections 23 (Local public body confidences), 24 (Advice from officials), and 25 (Disclosure harmful to economic and other interests of a public body) of the *Freedom of Information and Protection of Privacy Act*.

Review by: 2039 July 4

10.1.3 Committee Reports(Verbal), GLB2024-0824
Held confidential pursuant to Sections 23 (Local public body confidences) and 24 (Advice from officials) of the *Freedom of Information and Protection of Privacy Act*.

Review by: 2039 July 4

10.2 URGENT BUSINESS

11. BRIEFINGS
None

12. ADJOURNMENT



**MINUTES
GREEN LINE BOARD**

**June 6, 2024, 9:00 AM
ENGINEERING TRADITIONS COMMITTEE ROOM**

PRESENT: Board Member D. Fairbairn, Chair
Board Member I. Bourne, Vice-Chair
Board Member J. Annesley
Board Member L. Beasley
Board Member F. Cummings
Board Member B. Mahajan
Board Member P. McLeod
Board Member M. Nelson (Remote Participation)
Board Member D. Duckworth

ALSO PRESENT: City Solicitor and General Counsel J. Floen
Chief Executive Officer D. Bhatti
Legislative Advisor J. Booth
Legislative Advisor B. Dufault

1. CALL TO ORDER

Chair Fairbairn called the meeting to order at 9:01 a.m.

ROLL CALL

Board Member Annesley, Board Member Beasley, Board Member Bourne, Board Member Cummings, Board Member Mahajan, Board Member McLeod, Board Member Nelson, Board Member Duckworth, and Chair Fairbairn

2. OPENING REMARKS AND LAND ACKNOWLEDGEMENT

Chair Fairbairn provided opening remarks and a traditional land acknowledgement.

3. CONFIRMATION OF AGENDA

Moved by Board Member Beasley

That the Agenda for the 2024 June 6 Regular Meeting of the Green Line Board be confirmed.

MOTION CARRIED

3.1 DECLARATIONS - CONFLICTS OF INTEREST

None

4. CONFIRMATION OF MINUTES

4.1 Minutes of the Regular Meeting of the Green Line Board, 2024 April 04

Moved by Board Member Mahajan

That the Minutes of the 2024 April 04 Regular Meeting of the Green Line Board be confirmed.

MOTION CARRIED

5. SAFETY MINUTE

D. Bhatti provided a verbal update and was thanked by the Board.

6. CORRESPONDENCE

None

7. CONSENT AGENDA

7.1 DEFERRALS AND PROCEDURAL REQUESTS

None

8. ITEMS FROM GREEN LINE PROGRAM TEAM AND COMMITTEES

8.1 Green Line Program April 2024 Progress Report, GLB2024-0724

Moved by Board Member McLeod

That with respect to Report GLB2024-0724, the following be adopted:

That the Green Line Board receive Report GLB2024-0724, the Green Line Program April 2024 Progress Report, for the Corporate Record.

MOTION CARRIED

8.2 COMMITTEE REPORTS

8.2.1 Planning Committee Report (Verbal), GLB2024-0725

Board Member Beasley provided a verbal update and was thanked by the Board.

8.2.2 Budget and Risk Committee Report (Verbal), GLB2024-0726

Board Member Bourne provided a verbal update and was thanked by the Board.

8.2.3 Governance and HR Committee Report (Verbal), GLB2024-0727

Board Member Nelson provided a verbal update and was thanked by the Board.

9. URGENT BUSINESS

None

10. CONFIDENTIAL ITEMS

Moved by Board Member Bourne

That pursuant to Sections 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*, the Board now move into Closed Meeting, at 9:36 a.m. in the Engineering Traditions Committee Room, to discuss confidential matters with respect to the following Items:

- 10.1.1 Confidential Administration Discussion (Verbal), GLB2024-0728
- 10.1.2 Confidential Interim Measures Update, GLB2024-0729
- 10.1.3 Confidential Green Line Program April 2024 Progress Report, GLB2024-0730
- 10.1.4 Confidential Scenario Discussion, GLB2024-0731
- 10.1.5 Confidential Green Line Contracting Approval, GLB2024-0732
- 10.1.6 Confidential Development Phase Update (Verbal), GLB2024-0733
- 10.1.7 Committee Reports (Verbal), GLB2024-0734

And further, that the Green Line Board authorize Marianne Smith, Blakes, to attend the Closed Meeting discussions with respect to Items 10.1.2, 10.1.3, 10.1.4, 10.1.5, 10.1.6, and 10.1.7.

MOTION CARRIED

Board Member McLeod declared a conflict of interest and abstained from discussion and voting with respect to Item 10.1.1. Confidential Administration Discussion (Verbal), GLB2024-0728.

Board Member McLeod left the meeting at 9:36 a.m. and returned at 10:27 a.m. following the discussion with respect to Item 10.1.1. Confidential Administration Discussion (Verbal), GLB2024-0728.

The Board reconvened in public meeting at 12:19 p.m. with Chair Fairbairn in the Chair.

ROLL CALL

Board Member Annesley, Board Member Beasley, Board Member Bourne, Board Member Cummings, Board Member McLeod, Board Member Nelson, and Chair Fairbairn

Absent from Roll Call: Board Member Mahajan and Board Member Duckworth

Moved by Board Member Beasley

That the Board rise and report.

MOTION CARRIED

10.1 ITEMS FROM GREEN LINE PROGRAM TEAM AND COMMITTEES

10.1.1 Confidential Administration Discussion (Verbal), GLB2024-0728

Board Member McLeod declared a conflict of interest and abstained from discussion and voting with respect to Confidential Verbal Report GLB2024-0728.

Administration in attendance during the Closed Meeting discussions with respect to Confidential Verbal Report GLB2024-0728:

Clerks: J. Booth, B. Dufault, and A. Lennox. Law: J. Floen. Advice: D. Bhatti.

Moved by Board Member Nelson

That with respect to Confidential Verbal Report GLB2024-0728, the following be adopted:

That the Green Line Board direct that the Closed Meeting discussions be held confidential pursuant to Sections 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*.

MOTION CARRIED

10.1.2 Confidential Interim Measures Update, GLB2024-0729

Administration in attendance during the Closed Meeting discussions with respect to Confidential Report GLB2024-0729:

Clerks: J. Booth, B. Dufault, and A. Lennox. Law: J. Floen, L. Davies, D. Jakal, and D. Ben-Omotehinse. Advice: D. Bhatti, S. Ganji, W. Tynan, G. Neilson, M. Stirling, R. Hussain, L. Adamo, and M. MacDonald.

The following documents were distributed with respect to Confidential Report GLB2024-0729:

- Confidential Presentation;
- Confidential Distribution; and
- Confidential Report.

Moved by Board Member Cummings

That with respect to Confidential Report GLB2024-0729, the following be adopted:

That the Green Line Board:

1. Approve the Closed Recommendations contained in the Confidential Distribution; and
2. Direct that the Closed Recommendations, Confidential Presentation, Confidential Distribution, report, and Closed Meeting

discussions be held confidential pursuant to Sections 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*.

MOTION CARRIED

10.1.3 Confidential Green Line Program April 2024 Progress Report, GLB2024-0730

Administration in attendance during the Closed Meeting discussions with respect to Confidential Report GLB2024-0730:

Clerks: J. Booth, B. Dufault, and A. Lennox. Law: J. Floen, L. Davies, D. Jakal, and D. Ben-Omotehinse. Advice: D. Bhatti, S. Ganji, W. Tynan, G. Neilson, M. Stirling, R. Hussain, L. Adamo, and M. MacDonald.

Moved by Board Member Annesley

That with respect to Confidential Report GLB2024-0730, the following be adopted:

That the Green Line Board:

1. Receive the Closed Meeting Report for the Corporate Record; and
2. Direct that the Closed Meeting Report and discussions be held confidential pursuant to Sections 23 (Local public body confidences), 24 (Advice from officials), and 25 (Disclosure harmful to economic and other interests of a public body) of the *Freedom of Information and Protection of Privacy Act*, to be reviewed by 2039 June 6.

MOTION CARRIED

10.1.4 Confidential Scenario Discussion, GLB2024-0731

Administration in attendance during the Closed Meeting discussions with respect to Confidential Report GLB2024-0731:

Clerks: J. Booth, B. Dufault, and A. Lennox. Law: J. Floen, L. Davies, D. Jakal, and D. Ben-Omotehinse. Advice: D. Bhatti, S. Ganji, W. Tynan, G. Neilson, M. Stirling, R. Hussain, L. Adamo, and M. MacDonald.

A Confidential Presentation was distributed with respect to Confidential Report GLB2024-0731.

Moved by Board Member Beasley

That with respect to Confidential Report GLB2024-0731, the following be adopted:

That the Green Line Board direct that the Confidential Presentation and Closed Meeting discussions be held confidential pursuant to Sections 23 (Local public body confidences), 24 (Advice from officials), and 25 (Disclosure harmful to economic and other interests of a public body) of the *Freedom of Information and Protection of Privacy Act*, to be reviewed by 2039 June 6.

MOTION CARRIED

10.1.5 Confidential Green Line Contracting Approval, GLB2024-0732

Administration in attendance during the Closed Meeting discussions with respect to Confidential Report GLB2024-0732:

Clerks: J. Booth, B. Dufault, and A. Lennox. Law: J. Floen, L. Davies, D. Jakal, and D. Ben-Omotehinse. Advice: D. Bhatti, S. Ganji, W. Tynan, G. Neilson, M. Stirling, R. Hussain, L. Adamo, and M. MacDonald.

A Confidential Presentation was distributed with respect to Confidential Report GLB2024-0732.

Moved by Board Member Bourne

That with respect to Confidential Report GLB2024-0732, the following be adopted:

That the Green Line Board:

1. Approve the Closed Recommendations contained in the Confidential Presentation; and
2. Direct that the Closed Recommendations, Confidential Presentation, and Closed Meeting discussions be held confidential pursuant to Sections 23 (Local public body confidences), 24 (Advice from officials), and 25 (Disclosure harmful to economic and other interests of a public body) of the *Freedom of Information and Protection of Privacy Act*, to be reviewed by 2039 June 6.

MOTION CARRIED

10.1.6 Confidential Development Phase Update (Verbal), GLB2024-0733

Administration in attendance during the Closed Meeting discussions with respect to Confidential Verbal Report GLB2024-0733:

Clerks: J. Booth, B. Dufault, and A. Lennox. Law: J. Floen, L. Davies, D. Jakal, and D. Ben-Omotehinse. Advice: D. Bhatti, S. Ganji, W. Tynan, G. Neilson, M. Stirling, R. Hussain, L. Adamo, and M. MacDonald.

Moved by Board Member McLeod

That with respect to Confidential Verbal Report GLB2024-0733, the following be adopted:

That the Green Line Board direct that the Closed Meeting discussions be held confidential pursuant to Sections 23 (Local public body confidences), 24 (Advice from officials), and 25 (Disclosure harmful to economic and other interests of a public body) of the *Freedom of Information and Protection of Privacy Act*.

MOTION CARRIED

10.1.7 Committee Reports (Verbal), GLB2024-0734

Administration in attendance during the Closed Meeting discussions with respect to Confidential Verbal Report GLB2024-0734:

Clerks: J. Booth, B. Dufault, and A. Lennox. Law: J. Floen, L. Davies, D. Jakal, and D. Ben-Omotehinse. Advice: D. Bhatti, S. Ganji, W. Tynan, G. Neilson, M. Stirling, R. Hussain, L. Adamo, and M. MacDonald.

Moved by Board Member Annesley

That with respect to Confidential Verbal Report GLB2024-0734, the following be adopted:

That the Green Line Board direct that the Closed Meeting discussions be held confidential pursuant to Sections 23 (Local public body confidences) and 24 (Advice from officials) of the *Freedom of Information and Protection of Privacy Act*.

MOTION CARRIED

10.2 URGENT BUSINESS

None

11. BRIEFINGS

None

12. ADJOURNMENT

Moved by Board Member Bourne

That this meeting adjourn at 12:25 p.m.

MOTION CARRIED

The next Regular Meeting of the Green Line Board is scheduled to be held on 2024 July 4 at 9:00 a.m.

CONFIRMED BY THE BOARD ON

CHAIR

CITY CLERK



Green Line Board

May 2024 Public Progress Report

May HIGHLIGHTS

Development Phase Agreement

Options are being evaluated to address the cost pressures that were identified after the 30% design submission milestone in January. This work is being done in advance of the next Development Phase milestone in June 2024 with delivery of the 60% design submission and the Board Decision Gate. The Board anticipates bringing forward recommendations by the end of Q2 2024 for Council decisions.

Beltline Downtown Utility Relocation Project

Utility relocations in Beltline and Downtown continued in May, with multiple third-party utility projects advancing. In the Beltline, transmission line relocation work continued as planned and work started in several areas to remediate roadways. Several areas of work Downtown are expected to wrap up in June. Work is on schedule to wrap up prior to Stampede as planned.

78 Avenue Project

Construction of the secant pile walls and excavation of the existing Canadian Pacific Kansas City Rail (CPKC) embankments were completed in May for both the Ogden pedestrian tunnel and the 78 Avenue grade separation. Piling has started for the 78 Avenue rail bridge.

Demolitions

Demolition of the above-grade portions of all three buildings in the Beltline East was completed in May. Sorting of the debris is largely complete with materials such as metals and concrete being diverted to recyclers to reduce the volume of material sent to landfill.

The Request for Proposal (RFP) for Downtown properties has closed with nine compliant bids received. The RFP is currently being reviewed.

Maintenance and Storage Facility (MSF)

No new work has been initiated at the MSF site since initial clearing and grubbing was completed in April. Grading and site servicing works are expected to start later this year.

Light Rail Vehicles (LRV)

Green Line and Construcciones y Auxiliar de Ferrocarriles (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.

PROJECT STATUS DASHBOARD

Functional Area	May Status	Comments
Health & Safety		<ul style="list-style-type: none"> Seven (7) incidents were reported in the month of May, one (1) property damage incident, three (3) security/theft incidents, and two (2) near misses. In compliance with established protocols, safety stand downs were held, root cause analyses were completed for all incidents, and lessons learned were implemented. 16 site safety inspections were conducted by the Green Line Project Construction Team in May.
Public Affairs		<ul style="list-style-type: none"> Connected with 298 businesses, residents, and key stakeholders in May.
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. While the design is being advanced, all options are being considered as risk allocations, price, and project schedule are being negotiated with contractors. The Board anticipates bringing forward recommendations by the end of Q2 2024 for Council decisions.
Environmental		<ul style="list-style-type: none"> One environmental spill occurred, which was contained and cleaned immediately to avoid any damage to the environment.
Quality		<ul style="list-style-type: none"> Two non-conformances were reported for the 78 Avenue Project, reviewed by the Designer and closed.

*Definitions of the dashboard statuses can be found online in the [Monthly board report and financial summary legend](#).

HEALTH & SAFETY

Seven (7) incidents were reported in the month of May with no injuries:

- Property damage:** a fire occurred at the Ogden Block building owned by the Green Line (City of Calgary). When the fire department arrived, one individual left the building, and one was assessed by EMS and transported to hospital. The fire was extinguished and the investigator on scene said it appeared the fire was not set to cause harm, but to stay warm.
- Near miss:** a contractor was backing onto site from Ogden Road without a spotter or flagger causing a vehicle on the road to swerve around the Contractor vehicle.
- Near miss:** a section of thrust block on the existing feeder_main broke off overnight while the site was unattended.

- **Security/Theft:** Three (3) break-ins occurred at the Grandell property in May. Tools and copper wire were taken in the first incident, and in the following two incidents there were no losses as the property had been cleared of valuables following the first break-in.
- **Environmental:** One environmental incident occurred on the 78 Avenue Project site when approximately 20 litres of hydraulic oil released to the ground from a hydrovac truck. The release was due to a worn hydraulic hose on the hydrovac. The spill was reported, contained using spill kits, and the impacted soils were excavated.

In compliance with established protocols, safety stand downs were held, root cause analyses were completed for all incidents, and lessons learned were implemented.

During the reporting period, sixteen (16) site safety inspections were conducted by the Green Line Program team.

The Green Line safety team hosted a “Safety Cultures – Lessons Learned – Serious Incidents” lunch and learn for staff. Ongoing safety monitoring of the Enabling Works and site Accessibility Inspections for the Business & Community Support Team continued in May.

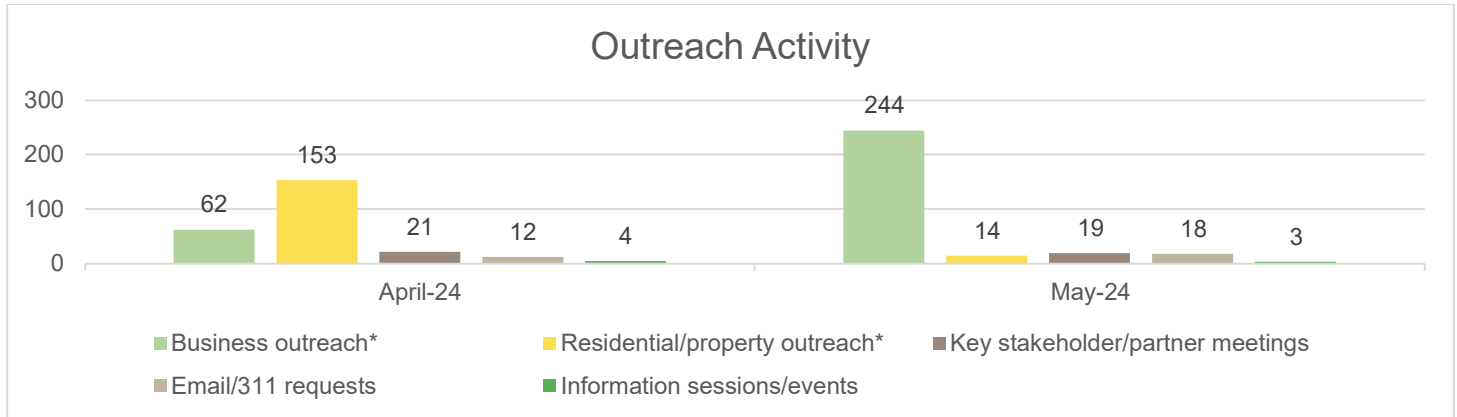
COMMUNITY AND PUBLIC RELATIONS

With Eau Claire Market officially closing at the end of May, Green Line participated in the Eau Claire Market Farewell Festival. In addition to the Eau Claire event, the team participated in eight events in May including the Ogden Plant Exchange "Let It Grow", and the Downtown Associations Bike Safety Blitz event.

Green Line hosted a series of information sessions using the site of the low-floor LRV mock up, including one for post-secondary students, two for Calgary Transit drivers and staff and three for local businesses. The hands-on sessions provided tours with subject matter experts, information booths with staff and attendees left with replica stress trains and paper models. In addition, the local business owner sessions included information on the Business Support Program and specific details on current and upcoming construction.

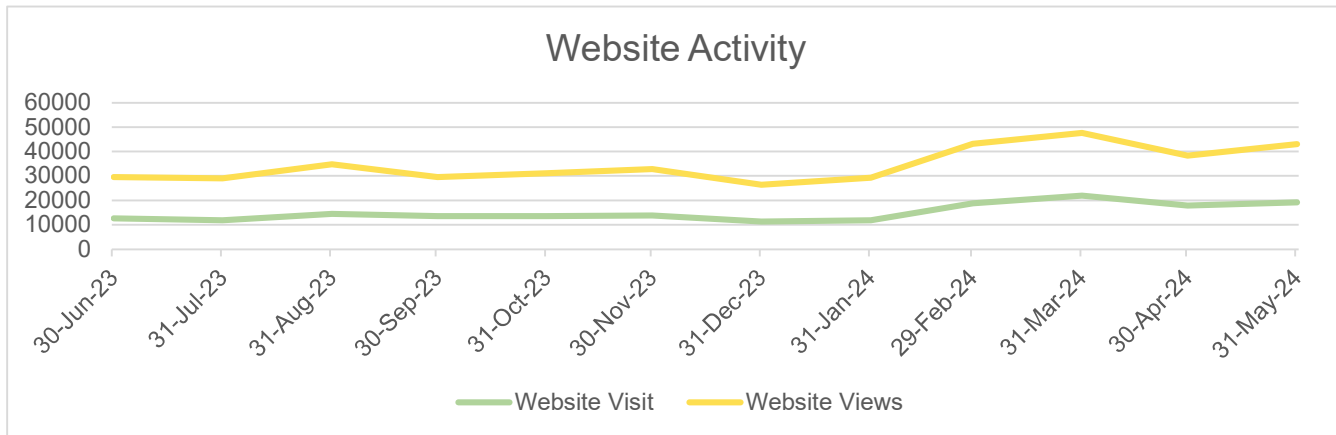
The team received 18 email and 311 requests, with two-thirds expressing construction fatigue focused mostly on 5 and 6 Avenue. Green Line responded to these concerns from the travelling public and those that work in adjacent buildings to the construction and thanked them for their patience, provided insight into what work was being done and why, and the schedule for completion. Others emails and 311 requests were related to property maintenance and alignment questions.

A summary of the business and community outreach for May 2024 is summarized below.



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

The website saw an increase in views on an article shared in April about upcoming demolitions (including Eau Claire) following the Farewell to Eau Claire event. It had 1,051 page views for the month of May (next closest article had 197 page views). In May the website also saw the number of return visitors become greater than first time visitors (59.8% vs. 40.2%). This is a strong indication that the project team's efforts to position the Green Line website as the primary source of information through recent marketing campaigns has been effective.



FINANCIAL SUMMARY

Green Line continues to monitor the financial position of the program, below is the financial summary as of May 31, 2024.

Category ^[1]	Committed Cost	Cost to Date	Cost Year to Date
Owner's Cost	102,513,473	102,513,473	6,088,199
Design & Engineering	526,763,418	519,360,080	117,921,628
Construction, Land & Other Assets	827,632,496	599,120,546	45,314,573
Bus Rapid Transit	50,000,000	7,357,303	781,768
Grand Total	1,506,909,387	1,228,351,403	170,106,167



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