



## City of Hamilton

# LIGHT RAIL TRANSIT SUB-COMMITTEE REVISED

**Meeting #:** 23-003  
**Date:** July 26, 2023  
**Time:** 10:00 a.m.  
**Location:** Council Chambers  
Hamilton City Hall  
71 Main Street West

Carrie McIntosh, Legislative Coordinator (905) 546-2424 ext. 2729

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	<b>Pages</b>
<b>1. CEREMONIAL ACTIVITIES</b>	
<b>2. APPROVAL OF AGENDA</b>	
(Added Items, if applicable, will be noted with *)	
<b>3. DECLARATIONS OF INTEREST</b>	
<b>4. APPROVAL OF MINUTES OF PREVIOUS MEETING</b>	
4.1 June 2, 2023	3
<b>5. COMMUNICATIONS</b>	
*5.1 Correspondence from Ian Borsuk, Environment Hamilton, respecting Item 8.1 Light Rail Transit Operations Models (PED23166) (City Wide)	12
Recommendation: Be received and referred to consideration of Item 8.1	
<b>6. DELEGATION REQUESTS</b>	
*6.1 Brian Connolly, ATU Canada, respecting Keep Transit Public and Perils of Using Public-Private-Partnerships (P3) / Alternative Finance Procurement (AFP) to Design, Build, Finance, Operate and Maintain Public Transit (for today's meeting)	13
*6.2 Anthony Marco, Hamilton & District Labour Council, respecting the Procurement and Tendering Processes with Regard to Operation and Maintenance of Hamilton's LRT (for today's meeting)	15

*6.3	Eric Tuck, ATU Local 107, respecting ATU Historical Contractual Rights and Major Stakeholder (for today's meeting)	17
*6.4	Violetta Nikolskaya, YWCA Hamilton, respecting Gendered Issues Impacting Transit (for today's meeting)	19
*6.5	Koubra Hagggar, Hamilton Centre for Civic Inclusion, respecting Keeping the LRT Public (for today's meeting)	21
*6.6	Lyndon George, HARRC, respecting LRT Transit Models (for today's meeting)	23

**7. DELEGATIONS**

**8. STAFF PRESENTATIONS**

8.1	Light Rail Transit Operations Models (PED23166) (City Wide)	25
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**9. CONSENT ITEMS**

**10. PUBLIC HEARINGS**

**11. DISCUSSION ITEMS**

**12. MOTIONS**

**13. NOTICES OF MOTION**

**14. GENERAL INFORMATION / OTHER BUSINESS**

**15. PRIVATE AND CONFIDENTIAL**

**16. ADJOURNMENT**

4.1



**LIGHT RAIL TRANSIT SUB-COMMITTEE  
MINUTES 23-002**

10:00 a.m.  
Friday, June 2, 2023  
Council Chambers  
Hamilton City Hall  
71 Main Street West

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**Present:** Mayor A. Horwath, Councillors M. Wilson (Chair), N. Nann (Vice-Chair) C. Cassar, J.P. Danko, M. Francis, T. Hwang and C. Kroetsch

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**THE FOLLOWING ITEMS WERE REFERRED TO GENERAL ISSUES COMMITTEE FOR CONSIDERATION:**

**1. Hamilton Light Rail Transit (LRT) Governance Frameworks and Design Update (PED23139) (City Wide) (Item 8.1)**

**(Danko/Nann)**

That Report PED21139, respecting Hamilton Light Rail Transit (LRT) Governance Frameworks and Design Update, be received.

**Result: Motion CARRIED by a vote of 7 to 0, as follows:**

Yes - Mayor Andrea Horwath  
Yes - Ward 1 Councillor Maureen Wilson  
Yes - Ward 2 Councillor Cameron Kroetsch  
Yes - Ward 3 Councillor Nrinder Nann  
Yes - Ward 4 Councillor Tammy Hwang  
Not Present - Ward 5 Councillor Matt Francis  
Yes - Ward 8 Councillor John Paul Danko  
Yes - Ward 12 Councillor Craig Cassar

**2. Hamilton Light Rail Transit (LRT) Agreements Update (PED23150) (City Wide) (Item 9.1)**

**(Nann/Horwath)**

That Report PED23150, respecting Hamilton Light Rail Transit (LRT) Agreements Update, be received.

**Result: Motion CARRIED by a vote of 7 to 0, as follows:**

Yes - Mayor Andrea Horwath  
 Yes - Ward 1 Councillor Maureen Wilson  
 Yes - Ward 2 Councillor Cameron Kroetsch  
 Yes - Ward 3 Councillor Nrinder Nann  
 Yes - Ward 4 Councillor Tammy Hwang  
 Not Present - Ward 5 Councillor Matt Francis  
 Yes - Ward 8 Councillor John Paul Danko  
 Yes - Ward 12 Councillor Craig Cassar

**FOR INFORMATION:**

**(a) APPROVAL OF AGENDA (Item 2)**

The Committee Clerk advised of the following changes to the agenda.

**6. DELEGATION REQUESTS**

- 6.1 Emily Power respecting Justice for Tenants Displaced by Metrolinx Building Demolitions and the Need for Affordable Housing (for today's meeting)
- 6.2 Sara Mayo respecting Keeping LRT on track to bring benefits to low income residents: 'Pro-Poor Growth' framework and indicators (for today's meeting)

**7. DELEGATIONS**

- 7.1 Mohammed Alshalalfeh and Karl Andrus, Hamilton Community Benefits Network (HCBN), respecting HCBN's Community Engagement Findings on Resident Aspirations and Wants for Community Benefits Related to the Project – Moved to Presentations - Item 8.2
- 7.2 Sam Nabi, Hamilton Community Benefits Network respecting Recommendations for the Preservation and Creation of Affordable Housing in Hamilton's B-Line LRT Corridor - Moved to Presentations - Item 8.3

**CHANGE TO THE ORDER OF ITEMS:**

8. PRESENTATIONS

8.4 Update from Metrolinx

This agenda item is to be moved up on the agenda to be considered following Item 4.1 Approval of the Minutes of the Previous meeting.

**(Hwang/Nann)**

That the agenda for the June 2, 2023 Light Rail Transit Sub-Committee meeting be approved, as amended.

**Result: Motion CARRIED by a vote of 7 to 0, as follows:**

Not Present - Mayor Andrea Horwath  
 Yes - Ward 1 Councillor Maureen Wilson  
 Yes - Ward 2 Councillor Cameron Kroetsch  
 Yes - Ward 3 Councillor Nringer Nann  
 Yes - Ward 4 Councillor Tammy Hwang  
 Yes - Ward 5 Councillor Matt Francis  
 Yes - Ward 8 Councillor John Paul Danko  
 Yes - Ward 12 Councillor Craig Cassar

**(b) DECLARATIONS OF INTEREST (Item 3)**

Councillor M. Wilson declared non-disqualifying interest to Item 8.2, respecting Mohammed Alshalafeh and Karl Andrus, Hamilton Community Benefits Network (HCBN), respecting HCBN's Community Engagement Findings on Resident Aspirations and Wants for Community Benefits Related to the Project, and Item 8.3 respecting Sam Nabi, Hamilton Community Benefits Network respecting Recommendations for the Preservation and Creation of Affordable Housing in Hamilton's B-Line LRT Corridor, as her husband is the President and CEO of the Hamilton Community Foundation (HCF) and HCF is a contributing funder to the charity which is the Hamilton Community Benefits Network.

**(c) APPROVAL OF MINUTES OF PREVIOUS MEETING (Item 4)**

**(i) March 31, 2023 (Item 4.1)**

**(Cassar/Danko)**

That the Minutes of the March 31, 2023 meeting of the Light Rail Transit Sub-Committee be approved, as presented.

**Result: Motion CARRIED by a vote of 7 to 0, as follows:**

Not Present - Mayor Andrea Horwath  
 Yes - Ward 1 Councillor Maureen Wilson  
 Yes - Ward 2 Councillor Cameron Kroetsch  
 Yes - Ward 3 Councillor Nrinder Nann  
 Yes - Ward 4 Councillor Tammy Hwang  
 Yes - Ward 5 Councillor Matt Francis  
 Yes - Ward 8 Councillor John Paul Danko  
 Yes - Ward 12 Councillor Craig Cassar

**(d) DELEGATION REQUESTS (Item 6)**

**(Cassar/Danko)**

That the following Delegation Requests, be approved for today's meeting:

- (i) Emily Power respecting Justice for Tenants Displaced by Metrolinx Building Demolitions and the Need for Affordable Housing (Item 6.1)
- (ii) Sara Mayo, Social Planning and Research Council of Hamilton respecting LRT Benefits to Low Income Residents (Item 6.2)

**Result: Motion CARRIED by a vote of 7 to 0, as follows:**

Yes - Mayor Andrea Horwath  
 Yes - Ward 1 Councillor Maureen Wilson  
 Yes - Ward 2 Councillor Cameron Kroetsch  
 Yes - Ward 3 Councillor Nrinder Nann  
 Yes - Ward 4 Councillor Tammy Hwang  
 Not Present - Ward 5 Councillor Matt Francis  
 Yes - Ward 8 Councillor John Paul Danko  
 Yes - Ward 12 Councillor Craig Cassar

**(e) DELEGATIONS (Item 7)**

The following delegations addressed the Committee:

- (i) Emily Power respecting Justice for Tenants Displaced by Metrolinx Building Demolitions and the Need for Affordable Housing (Item 7.1)
- (ii) Sara Mayo, Social Planning and Research Council of Hamilton respecting LRT Benefits to Low Income Residents (Item 7.2)

**(Nann/Hwang)**

That the following Delegations, be received:

- (i) Emily Power respecting Justice for Tenants Displaced by Metrolinx Building Demolitions and the Need for Affordable Housing
- (ii) Sara Mayo, Social Planning and Research Council of Hamilton respecting LRT Benefits to Low Income Residents

**Result: Motion CARRIED by a vote of 7 to 0, as follows:**

Yes - Mayor Andrea Horwath  
 Yes - Ward 1 Councillor Maureen Wilson  
 Yes - Ward 2 Councillor Cameron Kroetsch  
 Yes - Ward 3 Councillor Nrinder Nann  
 Yes - Ward 4 Councillor Tammy Hwang  
 Not Present - Ward 5 Councillor Matt Francis  
 Yes - Ward 8 Councillor John Paul Danko  
 Yes - Ward 12 Councillor Craig Cassar

**(f) PRESENTATIONS (Item 8)**

- (i) **Hamilton Light Rail Transit (LRT) Governance Frameworks and Design Update (PED23139) (City Wide) (Item 8.1)**

Abdul Shaikh, Director of the Hamilton Light Rail Transit addressed the Committee respecting Report PED23139, Hamilton Light Rail Transit (LRT) Governance Frameworks and Design Update, with the aid of a PowerPoint presentation.

**(Hwang/Cassar)**

That the Presentation from Abdul Shaikh, Director of Hamilton Light Rail Transit respecting Hamilton Light Rail Transit (LRT) Governance Frameworks and Design Update, be received.

**Result: Motion CARRIED by a vote of 7 to 0, as follows:**

Yes - Mayor Andrea Horwath  
 Yes - Ward 1 Councillor Maureen Wilson  
 Yes - Ward 2 Councillor Cameron Kroetsch  
 Yes - Ward 3 Councillor Nrinder Nann  
 Yes - Ward 4 Councillor Tammy Hwang  
 Not Present - Ward 5 Councillor Matt Francis  
 Yes - Ward 8 Councillor John Paul Danko  
 Yes - Ward 12 Councillor Craig Cassar

(ii) **Mohammed Alshalalfeh and Karl Andrus, Hamilton Community Benefits Network (HCBN), respecting HCBN's Community Engagement Findings on Resident Aspirations and Wants for Community Benefits Related to the Project (Item 8.2)**

Mohammed Alshalalfeh and Karl Andrus, Hamilton Community Benefits Network (HCBN), addressed the Committee respecting HCBN's Community Engagement Findings on Resident Aspirations and Wants for Community Benefits Related to the Project, with the aid of a PowerPoint presentation.

**(Kroetsch/Cassar)**

That the presentation from Mohammed Alshalalfeh and Karl Andrus, Hamilton Community Benefits Network (HCBN), respecting HCBN's Community Engagement Findings on Resident Aspirations and Wants for Community Benefits Related to the Project, be received.

**Result: Motion CARRIED by a vote of 7 to 0, as follows:**

Yes - Mayor Andrea Horwath  
 Yes - Ward 1 Councillor Maureen Wilson  
 Yes - Ward 2 Councillor Cameron Kroetsch  
 Yes - Ward 3 Councillor Nringer Nann  
 Yes - Ward 4 Councillor Tammy Hwang  
 Not Present - Ward 5 Councillor Matt Francis  
 Yes - Ward 8 Councillor John Paul Danko  
 Yes - Ward 12 Councillor Craig Cassar

(iii) **Sam Nabi, Hamilton Community Benefits Network respecting Recommendations for the Preservation and Creation of Affordable Housing in Hamilton's B-Line LRT Corridor (Item 8.3)**

Sam Nabi, Hamilton Community Benefits Network, addressed the Committee respecting Recommendations for the Preservation and Creation of Affordable Housing in Hamilton's B-Line LRT Corridor, with the aid of a PowerPoint presentation.

**(Nann/Danko)**

That the presentation from Sam Nabi, Hamilton Community Benefits Network, respecting Recommendations for the Preservation and Creation of Affordable Housing in Hamilton's B-Line LRT Corridor, be received.

**Result: Motion CARRIED by a vote of 7 to 0, as follows:**

Yes - Mayor Andrea Horwath  
 Yes - Ward 1 Councillor Maureen Wilson  
 Yes - Ward 2 Councillor Cameron Kroetsch  
 Yes - Ward 3 Councillor Nrinder Nann  
 Yes - Ward 4 Councillor Tammy Hwang  
 Not Present - Ward 5 Councillor Matt Francis  
 Yes - Ward 8 Councillor John Paul Danko  
 Yes - Ward 12 Councillor Craig Cassar

**(iv) Update from Metrolinx (Item 8.4)**

Jason Fellen, Vice President, Hamilton Light Rail Transit and Karla Avis-Birch, Chief Planning Officer, Planning and Development, Metrolinx, addressed the Committee respecting an update from Metrolinx on the Hamilton Light Rail Transit project, with the aid of a PowerPoint presentation.

**(Horwath/Nann)**

That the presentation from Jason Fellen, Vice President Hamilton Light Rail Transit and Karla Avis-Birch, Chief Planning Officer, Planning and Development, Metrolinx respecting an update from Metrolinx on the Hamilton Light Rail Transit project, be received.

**Result: Motion CARRIED by a vote of 7 to 0, as follows:**

Yes - Mayor Andrea Horwath  
 Yes - Ward 1 Councillor Maureen Wilson  
 Yes - Ward 2 Councillor Cameron Kroetsch  
 Yes - Ward 3 Councillor Nrinder Nann  
 Yes - Ward 4 Councillor Tammy Hwang  
 Not Present - Ward 5 Councillor Matt Francis  
 Yes - Ward 8 Councillor John Paul Danko  
 Yes - Ward 12 Councillor Craig Cassar

**(g) MOTIONS (Item 12)**

**(i) (Kroetsch/Nann)**

That City staff be directed to report back to the Light Rail Transit Sub-Committee with respect to how the Metrolinx Community Benefits approach could best reflect and respond to the recommendations made in the presentations by the Hamilton Community Benefits Network at the Light Rail Transit Sub-Committee meeting on June 2, 2023, including the potential to strike a community benefits working group.

**Result: Motion CARRIED by a vote of 7 to 0, as follows:**

Yes - Mayor Andrea Horwath  
 Yes - Ward 1 Councillor Maureen Wilson  
 Yes - Ward 2 Councillor Cameron Kroetsch  
 Yes - Ward 3 Councillor Nrinder Nann  
 Yes - Ward 4 Councillor Tammy Hwang  
 Not Present - Ward 5 Councillor Matt Francis  
 Yes - Ward 8 Councillor John Paul Danko  
 Yes - Ward 12 Councillor Craig Cassar

**(h) GENERAL INFORMATION / OTHER BUSINESS (Item 14)**

**(i) Amendments to the Outstanding Business List (Item 14.1)**

**(Nann/Cassar)**

That the following amendment to the Light Rail Transit Sub-Committee's Outstanding Business List, be approved:

(1) Items Considered Complete and Needing to be Removed (Item 14.1(a)):

(i) Hamilton Light Rail Transit (LRT) Project Update  
 Addressed as Item 8.1 (PED21139) (today's agenda) (Item 14.1(a)(a))  
 Item on OBL: C

**Result: Motion CARRIED by a vote of 7 to 0, as follows:**

Yes - Mayor Andrea Horwath  
 Yes - Ward 1 Councillor Maureen Wilson  
 Yes - Ward 2 Councillor Cameron Kroetsch  
 Yes - Ward 3 Councillor Nrinder Nann  
 Yes - Ward 4 Councillor Tammy Hwang  
 Not Present - Ward 5 Councillor Matt Francis  
 Yes - Ward 8 Councillor John Paul Danko  
 Yes - Ward 12 Councillor Craig Cassar

**(i) ADJOURNMENT (Item 15)**

**(Horwath/Nann)**

That there being no further business, the meeting adjourned at 1:15 p.m.

**Result: Motion CARRIED by a vote of 7 to 0, as follows:**

**Light Rail Transit Sub-Committee  
Minutes 23-002**

**June 2, 2023  
Page 9 of 9**

Yes - Mayor Andrea Horwath  
Yes - Ward 1 Councillor Maureen Wilson  
Yes - Ward 2 Councillor Cameron Kroetsch  
Yes - Ward 3 Councillor Nrinder Nann  
Yes - Ward 4 Councillor Tammy Hwang  
Not Present - Ward 5 Councillor Matt Francis  
Yes - Ward 8 Councillor John Paul Danko  
Yes - Ward 12 Councillor Craig Cassar

Respectfully submitted,

Councillor M. Wilson, Chair,  
Light Rail Transit Sub-Committee

Carrie McIntosh  
Legislative Coordinator  
Office of the City Clerk

For the City of Hamilton Light Rail Transit Sub-committee - meeting on July 26th, 2023  
Input on Item 8.1 “Light Rail Transit Operations Models (PED23166) (City Wide)”

Environment Hamilton has been longtime advocates for the building of higher order public transit in the City of Hamilton to achieve environmental, economic, and social goals that will benefit residents of our city and help achieve a truly sustainable future. As an advocate, I have personally spoken with residents in every corner of this city - in some cases going door to door with other passionate advocates - sharing the vision of the benefits the B-Line LRT can bring to our community. During this time however, it has been quite clear that many in power and who are ultimately responsible for this project to succeed do not have the same vision that excites and generates support amongst all Hamiltonians for this project.

To be clear, this project from a public transit advocate perspective is not ideal. Metrolinx does not have an adequate track record when it comes to projects like this, and unfortunately our provincial government continues to prioritize private profits over the delivery of good public services. Those who remain skeptical of this project have every right to be - residents have been displaced, the project has been debated endlessly by previous Councils, and it was even outright canceled. Looking at how other higher order transit projects have played out elsewhere in Ontario certainly does not reinforce confidence that Metrolinx - an agency that is supposed to be “arms length” from the project yet increasingly has been revealed to be controlled and politicized by the provincial government - has the track record or earned authority to determine what is actually best for local transit services in our cities. While it has long been heralded as a sweetheart deal - it’s quite possible that Metrolinx having such absolute control over this LRT line will be seen as yet another public transit failure in our province in the future.

It was encouraging however when this project was brought back from the dead, that Metrolinx officials clearly articulated to Council that the City of Hamilton would be able to determine who operates and maintains the B-Line LRT. This was fantastic news, we need to ensure that Hamiltonians - through our City Council - have as much oversight and influence on this project as possible. Reading through Item 8.1 on the agenda today, it is incredibly disappointing to read that with regards to maintenance “Metrolinx recommends that these activities should remain with the third party”. This is not what Metrolinx told the City of Hamilton - and in light of recent reports that the provincial government is increasingly asserting control over Metrolinx communications - one has to question if this is a recommendation made out of genuine interest in ensuring that the B-Line LRT is as successful as we need it to be.

I highly encourage you to push for what was originally promised to us - that the City of Hamilton choose who operates and maintains the B-Line LRT - and furthermore to choose the only reasonable option if you have any interest in seeing this project be a success to do so: Our HSR.

- Ian Borsuk, Interim Executive Director  
Environment Hamilton

**From:** [clerk@hamilton.ca](mailto:clerk@hamilton.ca)  
**To:** [McIntosh, Carrie](#); [Salamone, Salvatore](#)  
**Subject:** FW: Webform submission from: Request to Speak to a Committee of Council  
**Date:** Tuesday, July 18, 2023 12:32:20 PM

---

**Magda Green**

*Administrative Assistant II to the City Clerk*

Office of the City Clerk, Corporate Services

**City of Hamilton**

[magda.green@hamilton.ca](mailto:magda.green@hamilton.ca)

City Hall is located on the ancestral territory of the Haudenosaunee Confederacy, the Anishinaabe and many other Indigenous peoples. It is also covered by the Dish with One Spoon Wampum agreement, which asks that all sharing this territory do so respectfully and sustainably in community.

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Submitted on Tue, 07/18/2023 - 12:30

Submitted by: Anonymous

Submitted values are:

## Committee Requested

Committee

LRT Sub-Committee

Will you be delegating in-person or virtually?

In-person

Will you be delegating via a pre-recorded video?

No

## Requestor Information

Requestor Information

Brian Connolly

ATU Canada

[REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]

Reason(s) for delegation request

Discuss Keep Transit Public and the perils of using Public-Private-Partnerships (P3) now known as Alternative Finance Procurement (AFP) to Design, Build, Finance, Operate and Maintain public transit in Hamilton and Ontario.

Will you be requesting funds from the City?

No

Will you be submitting a formal presentation?

No

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Hamilton, ON, L8P 4Y5  
Canada

**From:** [clerk@hamilton.ca](mailto:clerk@hamilton.ca)  
**To:** [McIntosh, Carrie](#); [Salamone, Salvatore](#)  
**Subject:** FW: Webform submission from: Request to Speak to a Committee of Council  
**Date:** Tuesday, July 18, 2023 1:49:21 PM

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**Magda Green**

*Administrative Assistant II to the City Clerk*  
Office of the City Clerk, Corporate Services  
**City of Hamilton**  
[magda.green@hamilton.ca](mailto:magda.green@hamilton.ca)

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Submitted on Tue, 07/18/2023 - 13:48

Submitted by: Anonymous

Submitted values are:

**Committee Requested**

Committee  
LRT Sub-Committee

Will you be delegating in-person or virtually?  
In-person

Will you be delegating via a pre-recorded video?  
No

**Requestor Information**

Requestor Information

Anthony Marco

Hamilton & District Labour Council

[REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]

Preferred Pronoun

he/him

Reason(s) for delegation request

To comment about the procurement and tendering processes with regards to operation and maintenance of Hamilton's LRT.

Will you be requesting funds from the City?

No

Will you be submitting a formal presentation?

No

The sender designated this message as non-commercial mandatory content with the following note:

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Hamilton, ON, L8P 4Y5  
Canada

**From:** [clerk@hamilton.ca](mailto:clerk@hamilton.ca)  
**To:** [McIntosh, Carrie](#); [Salamone, Salvatore](#)  
**Subject:** FW: Webform submission from: Request to Speak to a Committee of Council  
**Date:** Thursday, July 20, 2023 7:05:01 PM

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**Magda Green**

*Administrative Assistant II to the City Clerk*  
Office of the City Clerk, Corporate Services  
**City of Hamilton**  
[magda.green@hamilton.ca](mailto:magda.green@hamilton.ca)

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Submitted on Thu, 07/20/2023 - 15:04

Submitted by: Anonymous

Submitted values are:

## Committee Requested

Committee  
LRT Sub Committee July 26th

Will you be delegating in-person or virtually?  
In-person

Will you be delegating via a pre-recorded video?  
No

## Requestor Information

Requestor Information

Eric Tuck

Atu Local 107



[President@atu107.com](mailto:President@atu107.com)

+1 9059024107

Preferred Pronoun

he/him

Reason(s) for delegation request

LRT Sub Committee- Atu Historical Contractual Rights and Major Stakeholder.

Will you be requesting funds from the City?

No

Will you be submitting a formal presentation?

No

The sender designated this message as non-commercial mandatory content with the following note:

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71 Main Street West  
Hamilton, ON, L8P 4Y5  
Canada

**From:** [clerk@hamilton.ca](mailto:clerk@hamilton.ca)  
**To:** [McIntosh, Carrie](#); [Salamone, Salvatore](#)  
**Subject:** FW: Webform submission from: Request to Speak to a Committee of Council  
**Date:** Monday, July 24, 2023 8:20:52 AM

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**Magda Green**

*Administrative Assistant II to the City Clerk*  
Office of the City Clerk, Corporate Services  
**City of Hamilton**  
[magda.green@hamilton.ca](mailto:magda.green@hamilton.ca)

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**To:** [clerk@hamilton.ca](mailto:clerk@hamilton.ca)  
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Submitted on Sun, 07/23/2023 - 11:29

Submitted by: Anonymous

Submitted values are:

**Committee Requested**

Committee  
Light Rail Transit Subcommittee

Will you be delegating in-person or virtually?  
In-person

Will you be delegating via a pre-recorded video?  
No

**Requestor Information**

Requestor Information

Violetta Nikolskaya

YWCA Hamilton

75 MacNab Street South

Hamilton, Ontario. L8P3C1

[vnikolskaya@ywcahamilton.org](mailto:vnikolskaya@ywcahamilton.org)

9055229922

Preferred Pronoun

she/her

Reason(s) for delegation request

Discuss gendered issues impacting transit

Will you be requesting funds from the City?

No

Will you be submitting a formal presentation?

No

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Canada

**From:** [clerk@hamilton.ca](mailto:clerk@hamilton.ca)  
**To:** [McIntosh, Carrie](#); [Salamone, Salvatore](#)  
**Subject:** FW: Webform submission from: Request to Speak to a Committee of Council  
**Date:** Monday, July 24, 2023 2:44:38 PM

---

**Magda Green**

*Administrative Assistant II to the City Clerk*

Office of the City Clerk, Corporate Services

**City of Hamilton**

[magda.green@hamilton.ca](mailto:magda.green@hamilton.ca)

City Hall is located on the ancestral territory of the Haudenosaunee Confederacy, the Anishinaabe and many other Indigenous peoples. It is also covered by the Dish with One Spoon Wampum agreement, which asks that all sharing this territory do so respectfully and sustainably in community.

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**Sent:** July 24, 2023 2:40 PM  
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Submitted on Mon, 07/24/2023 - 14:39

Submitted by: Anonymous

Submitted values are:

## Committee Requested

Committee

Light Rail Transit Sub-committee

Will you be delegating in-person or virtually?

Virtually

Will you be delegating via a pre-recorded video?

No

## Requestor Information

Requestor Information

Koubra Haggar

Hamilton Centre for Civic Inclusion

423 King St E

Hamilton , ON. L8L6A3

[khaggar@hcci.ca](mailto:khaggar@hcci.ca)



Preferred Pronoun

she/her

Reason(s) for delegation request

Keeping the LRT public. RE: point 8.1 on the agenda.

Will you be requesting funds from the City?

No

Will you be submitting a formal presentation?

No

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**To:** [McIntosh, Carrie](#); [Salamone, Salvatore](#)  
**Subject:** FW: Webform submission from: Request to Speak to a Committee of Council  
**Date:** Tuesday, July 25, 2023 11:19:06 AM

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**Magda Green**

*Administrative Assistant II to the City Clerk*

Office of the City Clerk, Corporate Services

**City of Hamilton**

[magda.green@hamilton.ca](mailto:magda.green@hamilton.ca)

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Submitted by: Anonymous

Submitted values are:

## Committee Requested

Committee

Light rail transit sub committee

Will you be delegating in-person or virtually?

Virtually

Will you be delegating via a pre-recorded video?

No

## Requestor Information

Requestor Information

Lyndon George

HARRC

1 James St. North, McMaster Continuing Education, HARRC office, Room 106

Hamilton, Ontario. L8R 2K3

[REDACTED]

[REDACTED]

Preferred Pronoun

he/him

Reason(s) for delegation request

LRT transit models

Will you be requesting funds from the City?

No

Will you be submitting a formal presentation?

No

The sender designated this message as non-commercial mandatory content with the following note:

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# INFORMATION REPORT

<b>TO:</b>	Chair and Members Light Rail Transit Sub-Committee
<b>COMMITTEE DATE:</b>	July 26, 2023
<b>SUBJECT/REPORT NO:</b>	Light Rail Transit Operations Models (PED23166) (City Wide)
<b>WARD(S) AFFECTED:</b>	City Wide
<b>PREPARED BY:</b>	Abdul Shaikh (905) 546-2424 Ext. 6559 Farhad Shahla (905) 546-24224 Ext. 5360
<b>SUBMITTED BY:</b>	Abdul Shaikh Director, Hamilton LRT Project Office Planning and Economic Development Department
<b>SIGNATURE:</b>	

## COUNCIL DIRECTION

Not Applicable.

## INFORMATION

On September 15, 2021, City Council ratified a Memorandum of Understanding with Metrolinx and the Ministry of Transportation to move forward with the 14-kilometre Hamilton Light Rail Transit (LRT) Project. The Memorandum of Understanding notes that the City will be responsible to pay operations and maintenance costs, save and except lifecycle maintenance costs. Metrolinx has indicated they are open to input from the City regarding the roles it would like to play in the operations of the LRT; however, the final decision rests with Metrolinx. The Memorandum of Understanding notes that the City would be responsible for operations and non-lifecycle maintenance costs, whether or not the City is the operator. Lifecycle maintenance activities contribute to extending the lifecycle of the asset through structural refurbishment, or end-of-life replacement. Non-lifecycle maintenance activities enable the asset to deliver the intended level of service but do not significantly contribute to extending the lifecycle of the asset.

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**SUBJECT: Light Rail Transit Operations Models (City Wide) (PED23166) (City Wide) - Page 2 of 10**

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The purpose of this Information Report is to provide Council with an overview of potential LRT operating models, and to outline the next steps and analysis that staff intends to take prior to bringing forward a recommended operating model to Council in Q4 2023. This report includes high-level background on the activities required for the operations and maintenance of a light rail transit system, identifying various operations models that exist for the Hamilton LRT Project, and how these models will be assessed to recommend the preferred operations model.

### 1) Roles and Responsibilities

The Memorandum of Understanding sets out the details in how the parties will interface and their respective roles and responsibilities with respect to the LRT Project. The table below outlines the key roles and responsibilities as set out in the Memorandum of Understanding.

Table 1: Roles and Responsibilities

<b>Roles</b>	<b>Responsibilities</b>
Owner	<ul style="list-style-type: none"> <li>Metrolinx is the owner of the light rail transit assets and infrastructure</li> </ul>
Project Delivery	<ul style="list-style-type: none"> <li>Metrolinx has contractual responsibility for design, planning, construction, maintenance, and operations, as well as for the acquisition of property required for the Project, and community/stakeholder engagement</li> </ul>
Costs	<ul style="list-style-type: none"> <li>Metrolinx is responsible for all capital costs, including land acquisition costs associated with the Project</li> <li>Metrolinx is responsible for lifecycle maintenance costs</li> <li>The City is responsible for operating and non-lifecycle maintenance costs</li> </ul>
Revenues	<ul style="list-style-type: none"> <li>The City will be entitled to all fare box and a portion of certain non-fare box revenues, such as revenues from advertisements.</li> </ul>
Operations and Maintenance	<ul style="list-style-type: none"> <li>The Memorandum of Understanding does not set out which party will operate the light rail transit line (City or a third party through Metrolinx)</li> </ul>

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**SUBJECT: Light Rail Transit Operations Models (City Wide) (PED23166) (City Wide) - Page 3 of 10**

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## **2) Operations and Maintenance**

Section 4.1 of the Memorandum of Understanding states that one of the City's obligations is "to pay Operations and Maintenance Costs, save and except lifecycle [maintenance] costs, whether or not the City or HSR is the operator."

Metrolinx has indicated they are open to input from the City regarding the roles it would like to play in the operations of the LRT line; however, the final decision will rest with Metrolinx.

With regards to maintenance activities, Metrolinx recommends that these activities should remain with the third party ProjectCo (i.e., the entity responsible for designing and constructing the LRT project and the LRT vehicles) to ensure overall project efficiencies and accountabilities. It is worth noting that for other LRT projects in Ontario, maintenance activities are performed, with minor exceptions, by the same entity responsible for designing and construction of the project and the LRT vehicles.

### ***Operational Activities***

The City will fund the operations of the LRT system. City staff is working with Metrolinx to develop the list of these operational activities and has grouped like activities into three bundles. These bundles are created in a way to assess the advantages, disadvantages and/or implications to the City of taking on any of the bundle activities. Below are the details of operational activities grouped into three bundles:

#### **Bundle 1: Light Rail Transit B Line Operations**

Activities include, but are not limited to, the following:

- Light Rail Transit Operations Control Centre (24/7/365);
- manage on-time service performance and disruptions, service in the event of an emergency, and implementing service recovery post emergency, including coordination with City traffic and transit;
- unplanned event management, including coordination with power utilities, HSR, Traffic, etc.;
- emergency event oversight;
- scheduling and planning of LRT service, including planned event management;
- establishing, monitoring and reporting operational performance (on time performance, root cause analysis of service faults, etc);
- safety and security of the LRT line, including guideway and corresponding infrastructure. i.e., traction powered substations, overhead catenary systems, platform stops;
- power control authority for traction power with local hydro provider;

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**SUBJECT: Light Rail Transit Operations Models (City Wide) (PED23166) (City Wide) - Page 4 of 10**

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- training to third parties who access right of way (emergency services, utility companies, etc); and,
- associated employee management activities for groups listed above, including staffing and forecasting, recruitment, training/testing, scheduling, performance management.

**Bundle 2: Light Rail Transit Vehicle Operations**

Activities include, but are not limited to, the following:

- driver staffing and forecasting, recruitment, training/testing, scheduling, performance management;
- drivers to perform safe operation of vehicle and adhere to schedules; and,
- drivers to adhere to safety-sensitive protocols, specifically during service disruptions and emergencies.

**Bundle 3: Passenger Interface Provider**

Activities include, but are not limited to, the following:

- overall customer experience: call centre management, public inquiries, issues management, public affairs and media relations;
- communications, including meeting AODA standards for service disruptions;
- safety and security of employees and passengers on board the light rail vehicles and at stops, including vandalism, loitering, threat response, medical emergency response;
- fare collection and enforcement, fraud investigation and fare evasion ticketing; and,
- passenger communication during emergencies.

Typical industry practice includes combining Bundle 2 (Light Rail Transit Vehicle Operations) within Bundle 1 (Light Rail Transit B Line Operations). Staff has “deconstructed” these two bundles in order to allow the City to consider if it wants to provide either, neither or both of Bundles 1 and 2.

In addition to the above three bundles, operational activities of this project will also include the facility operations for the Operations, Maintenance and Storage Facility. The Operations, Maintenance and Storage Facility stores the LRT vehicles and provides support for daily cleaning, inspections, scheduled maintenance/repair and heavy maintenance and overhaul. In general, facility operations consist of activities requiring unique skill sets and experience and are typically integrated with vehicle maintenance activities. Metrolinx therefore recommends that performing activities within facility operations be the responsibility of the same third party that is tasked with vehicle maintenance.

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**SUBJECT: Light Rail Transit Operations Models (City Wide) (PED23166) (City Wide) - Page 5 of 10**

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It is also important to note that there are common responsibilities by the parties undertaking the operational functions within and across the bundles. Examples include, but are not limited to:

- design, development, implementation, and monitoring of standard operating procedures to ensure safe, effective and efficient operations, which will be interconnected with those of other parties for service continuity;
- planned and unplanned event management;
- collaboration between various parties (Metrolinx, third party, City, HSR) as the activities of an individual party will impact all other parties, including defined responsibilities, safety, and service quality; and,
- maintenance activities and operational activities are intertwined and must be carefully coordinated between the parties.

In addition, HSR will be responsible for providing assistance in emergency situations including backup services known as “bus bridging.” HSR buses will “bridge” service gaps caused by a light rail transit outage (either planned or unplanned) until service is able to resume.

***Maintenance Activities***

There are a range of maintenance activities for the LRT system, typically including lifecycle and non-lifecycle maintenance activities. Non-lifecycle maintenance activities are defined as those which enable the asset to deliver the intended level of service but do not significantly contribute to extending the lifecycle of the asset. Lifecycle maintenance activities involve renewal activities, which contribute to extending the lifecycle of the asset through structural refurbishment or end-of-life replacement. According to the Memorandum of Understanding, the City is responsible for the costs of non-lifecycle maintenance, whereas Metrolinx is responsible for the costs of lifecycle maintenance. The following shows the details of maintenance activities both for non-lifecycle and lifecycle.

**Custodial:** Custodial maintenance is a non-lifecycle cost which will be funded by the City and involves keeping LRT line infrastructure in a clean and orderly manner. Some examples are seasonal maintenance (including planning and conducting landscaping and snow removal, regular cleaning of LRT line infrastructure, supply and replacement of consumables, and waste and debris removal).

**Preventative:** Preventative maintenance is a non-lifecycle maintenance activity which will be funded by the City and involves any action which is performed at scheduled intervals in accordance with the maintenance plan, or as otherwise required to maintain the infrastructure at a constant level of performance to meet specified requirements. Some examples are the detection and correction of deviations from normal operation before an LRT Line component failure occurs,

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**SUBJECT: Light Rail Transit Operations Models (City Wide) (PED23166) (City Wide) - Page 6 of 10**

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periodic inspections, testing and condition monitoring, critical item replacement, lubrication, adjustment, cleaning and calibration.

**Corrective:** Corrective maintenance is a non-lifecycle maintenance activity which will be funded by the City and involves repair and minor replacement of LRT vehicle and/or system infrastructure components to ensure they are meeting the intended level of service requirements. Some examples are investigation, localization, isolation of faults and troubleshooting, disassembly, reassembly, repair or replacement of the affected part(s), retesting of the repaired component, correcting defects and deficiencies, and replacement of the defective component or whole assets.

**Renewal of Assets:** Renewal of Assets maintenance (i.e. asset refurbishment and end-of-life replacement of LRT infrastructure etc.) is a lifecycle maintenance activity which will be funded by Metrolinx and involves activities which contribute to extending the lifecycle of the asset through structural refurbishment, or end-of-life replacement. Some examples are the replacement of LR vehicles, LRT line assets (signals etc.), IT assets, and facility furniture.

Metrolinx has recommended that the four maintenance activities listed above be performed by the third party (i.e. the entity responsible for designing and constructing the LRT project and the LRT vehicles) that is responsible for LRT project construction and LRT vehicle delivery, in order to ensure consistency in the level of service delivery, minimize multiple interactions amongst parties, enhance communication experience amongst asset owners and the maintenance party, and ensure a streamlined path for investigating maintenance-related incidents. This is typically the same for other LRT projects in Ontario, in which maintenance activities are performed, with minor exceptions, by a third party.

### **3) Light Rail Transit Operations Models**

Based on reviews of other LRT systems in Ontario, there are several models for how the operational activities described above can be performed. City staff have set out four broad models below, although it is important to note that there are variations within and between these models. City staff will continue to work with Metrolinx to examine these models with respect to their applicability, and pros and cons, for the Hamilton LRT Project, in order to inform a future recommendation on a preferred model for the City. It should be noted, the selection of the preferred operations model will be subject to performance standards set by Metrolinx. As Metrolinx remains the owner of the LRT assets and infrastructure, they will retain final approval over the selection of the preferred operations model.

**Model 1 – Third Party Performs all Operational Activities:** Under this model, a third party performs all three bundle functions (Bundle 1: Light Rail Transit B Line Operations, Bundle 2: Light Rail Transit Vehicle Operations and Bundle 3:

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**SUBJECT: Light Rail Transit Operations Models (City Wide) (PED23166) (City Wide) - Page 7 of 10**

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Passenger Interface Provider). Staff is not aware of any use of this model for systems in Ontario.

**Model 2 – City Performs Passenger Interface Provider Activities:** Under this model, the City would be directly responsible for all activities under Bundle 3 that are related to passenger interface activities. The rest of the operational responsibilities would remain with a third party. The public interface functions could be integrated with existing HSR customer service functions to create a single point of contact with the public. This model is in use in the Region of Waterloo’s LRT system and will also be used for the Hazel McCallion Line in Peel Region.

**Model 3 – City Performs Light Rail Transit Vehicles Operations and Passenger Interface Provider Activities:** Under this model, the City would perform Bundle 2 and Bundle 3. The rest of the operational responsibilities would remain with a third party. For Light Rail Transit Vehicle Operations (Bundle 2) to be successfully implemented, it would require strong coordination between the City and the third party responsible for Light Rail Transit B Line Operations (Bundle 1). Staff is not aware of any use of this model for LRT systems in Ontario; however, it is similar to an operating arrangement GO Transit has with a third party operator, whereby the third party provides staff and operates GO under a contract with Metrolinx.

**Model 4 - City performs all aspects of Operational Activities:** Under this model, the City would perform all activities described in the three function bundles. This is the approach planned for operations of the Eglinton Crosstown and Finch West lines, whereby the TTC will perform all of the operating functions and endeavour to provide a seamless passenger experience. This model is similar to Ottawa’s Confederation line, which is being operated by the City of Ottawa’s OC Transpo. As noted earlier, Facility Operations would not be accounted for in this operational model assessment.

It should be noted that whatever the preferred model, Metrolinx will remain responsible for managing the contract for operations of the LRT project, which will add an additional interface to Hamilton’s LRT line. This is consistent with the Metrolinx examples above.

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**SUBJECT: Light Rail Transit Operations Models (City Wide) (PED23166) (City Wide) - Page 8 of 10**

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The table below provides a summary of the four models.

Table 2: Light Rail Transit Operations Models

Operational Activities	Operational Model 1		Operational Model 2		Operational Model 3		Operational Model 4	
	City	third party						
Bundle 1: LRT B Line Operations		x		x		x	x	
Bundle 2: LRT Vehicle Operations		x		x	x		x	
Bundle 3: Passenger Interface Provider		x	x		x		x	

#### 4) Assessment Criteria

Staff will continue to assess the above models in order to make a recommendation for a preferred model for the City. To undertake this work, the following assessment criteria are being considered:

- i. **Customer experience:** to assess a seamless experience between all modes of transit, ease of information, and continuity, the following questions will be used:
  - Is the model likely to contribute to a seamless customer service experience between bus service and the LRT service?
  - Is the model providing benefits to schedule and service integration requirements of the project?
  - Does the model give the City the desired profile with transit customers?
  - Does this model provide appropriate opportunities for the City to consider socio-economic circumstances when dealing with transit customers? and
  - Does the model allow for the integration/coordination of some customer facing roles to enhance efficiency? (e.g. security also performs fare enforcement and passenger relations)
  
- ii. **Interface(s) between parties:** to assess the interface(s) between Metrolinx, the City and various third parties and to determine the associated complexities with shared activities. Typically, fewer interfaces and less complex interfaces would be preferred. The following questions will be used:
  - In the model, how many interfaces exist between the City and other parties?

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**SUBJECT: Light Rail Transit Operations Models (City Wide) (PED23166) (City Wide) - Page 9 of 10**

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- In the model, how complex are the interfaces between the City and other parties? and
  - How easy or difficult will it be to create agreements that clarify interface roles and responsibilities and provide adequate incentive for other parties to act responsibly?
- iii. **Risks and liability:** to assess the types of risks and liabilities that exist for each model, their likelihood of occurrence, and the consequences associated with each risk. The following questions will be used:
- What risks to the City does the model create?
  - What are the likelihood and consequence of each risk? and
  - How can the potential risks be mitigated?
- iv. **Cost to the City:** to assess the relative cost impact of each model to determine if this creates an additional funding liability for the City. At this stage, it is likely that this will be a “high-level” qualitative assessment of the relative costs associated with each model. The following questions will be used:
- Is the model likely to result in higher or lower costs to the City for operations and non-lifecycle maintenance? and
  - Is the model likely to result in higher or lower costs to the City associated with bringing in new functions, setting up the staffing units and appropriate skills and expertise?

Staff has developed a working group involving various service areas that would have interest in the operations and maintenance phase of the Hamilton LRT Project. This working group will continue to assess the operational models through the assessment criteria. The following areas are represented in the working group:

- HSR Operations
- Transportation
- Transportation Planning and Parking
- Corporate Security
- Transit Customer Service
- Communications
- Strategic Advisor
- Labour Relations
- Risk Management
- Finance
- LRT Project Office
- Strategic Advisor (Murray Advisory Services)

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**SUBJECT: Light Rail Transit Operations Models (City Wide) (PED23166) (City Wide) - Page 10 of 10**

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In addition, staff from other similar projects are being consulted, such as Region of Waterloo's LRT system and the Hazel McCallion Line in Peel Region (Model 2), and the Eglinton Crosstown and Finch West lines (Model 4).

**5) Additional Information**

On December 18, 2017 the General Issues Committee approved a motion which directed the City to affirm that Metrolinx continue with a "Design - Build - Finance - Operate - Maintain" procurement process, meaning that the ProjectCo ultimately selected to design and build the LRT system would also be responsible for operating and maintaining the LRT system. The December 18, 2017 motion also directed the City to ensure that the contract with Metrolinx and/or ProjectCo included several employment/labour relations conditions for ProjectCo when employing individuals for operating and maintaining the LRT system. It is important to note that the December 18, 2017 motion is not binding on the current LRT Project as the December 18, 2017 motion was contemplated and subsequently passed in relation to the original iteration of the LRT Project, governed by the 2016 Memorandum of Agreement. The 2021 Memorandum of Understanding explicitly states that it supersedes the 2016 Memorandum of Agreement, and the 2021 Memorandum of Understanding now introduces the potential for the City to be the LRT operator.

**6) Next Steps**

Staff intend to bring forward an initial high-level assessment of the operating models to the LRT Sub-Committee meeting on September 25, 2023, and the staff recommendation on the preferred model to the subcommittee meeting on November 29, 2023. Upon receiving Council direction on the preferred model, staff will communicate the preferred model to Metrolinx. As mentioned, Metrolinx remains the owner of the project and owns all LRT assets and infrastructure. The ultimate decision of selecting the operations model for the Hamilton LRT Project will remain with Metrolinx. Once the preferred operations model is selected, Metrolinx and the City will need to work together to develop the requirements for procurement and execute the agreements for the operations and maintenance period, in accordance with the principles established under the Memorandum of Understanding.

**APPENDICES AND SCHEDULES ATTACHED**

Not Applicable.



Hamilton

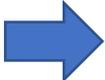
# Hamilton Light Rail Transit Project

## Operational Models

LRT Sub-Committee

July 26, 2023

# Roles and Responsibilities

Roles	Responsibilities
<b>Owner</b>	<ul style="list-style-type: none"> <li>Metrolinx is the owner of the LRT assets and infrastructure</li> </ul>
<b>Project Delivery</b>	<ul style="list-style-type: none"> <li>Metrolinx has contractual responsibility for design, planning, construction, maintenance, and operations, as well as for the acquisition of property, and community/stakeholder engagement.</li> </ul>
<b>Costs</b>	<ul style="list-style-type: none"> <li>Metrolinx is responsible for all capital costs, including land acquisition costs associated with the Project</li> <li>Metrolinx is responsible for lifecycle maintenance costs</li> <li>The City is responsible for operating and non-lifecycle maintenance costs</li> </ul>
<b>Revenues</b>	<ul style="list-style-type: none"> <li>The City will be entitled to all fare box and certain non-fare box revenues</li> </ul>
 <b>Operations and Maintenance</b>	<ul style="list-style-type: none"> <li>The Memorandum of Understanding does not set out which party will operate the LRT line (City or a third party through Metrolinx)</li> </ul>

# Roles and Responsibilities

- MOU defines the funding responsibilities between the City and Metrolinx (regardless of who the operator is).
- MOU does not set out which party will operate the LRT (the City or a third party through Metrolinx).
- As Metrolinx remains the owner of the LRT assets and infrastructure, they will retain final approval over the selection of the operations model.
- LRT operations will be subject to performance standards set by Metrolinx.
- MOU acknowledges the importance of achieving a seamless customer experience between LRT and HSR services.

# Decision-Making Timeline

**Stage 1:** Present operational models, and present assessment criteria on how staff will assess models

July 26, 2023 LRT Sub-Committee

**Stage 2:** Present preliminary analysis of operational models

September 25, 2023 LRT Sub-Committee

**Stage 3:** Present final analysis as well as recommended operational model

November 29, 2023 LRT Sub-Committee



We are here

# Elements of LRT Operations and Maintenance

The successful operation of an LRT line is comprised of activities related to asset management, facility operation, vehicle maintenance and operational service delivery.



Performed by Third Party or by the City	Performed by Third Party
<p><b>Operational Activities:</b>                      LRT B Line Operations                      LRT Vehicle Operations                      Passenger Interface Provider</p>	<p><b>Maintenance Activities:</b>                      Custodial                      Preventative                      Corrective                      Life Cycle</p>
	<p><b>Facility Operations:</b>                      Metrolinx will bundle facility operations with maintenance activities</p>

# Operational Activities

# Operational Activities

The term “LRT Operations” encompasses an extensive list of functions. For clarity, we have separated like activities into *bundles*.

**Bundle 1 – LRT B Line Operations**

**Bundle 2 – LRT Vehicle Operations\***

**Bundle 3 – Passenger Interface Provider**

\*Note: Typical industry practice bundles together Bundle 2 (LRT Vehicle Operations) into Bundle 1. Staff has separated out these bundles so the City can consider if it wants to provide either/neither or both Bundles 1 & 2.

# Bundle 1 (LRT B Line Operations)

## Responsibilities include (not an exhaustive list):

- LRT Operations Control Centre (24/7/365)
- Manage on time service performance and disruptions
- Unplanned and emergency event management
- Scheduling and planning of service
- Establishing, monitoring and reporting operational performance
- Safety and security of the LRT line
- Power control authority for traction power with local hydro provider
- Training to third parties who access right of way (e.g. emergency services)



# Bundle 2 (LRT Vehicle Operations)

Responsibilities include (not an exhaustive list):

- Driving LRT vehicles
- Safe operation of vehicles
- Adhering to schedules
- LRT driver staff management activities (e.g. staffing and forecasting, recruitment, training/testing, scheduling, performance management)



# Bundle 3 (Passenger Interface Provider)

## Responsibilities include (not an exhaustive list):

- Overall customer experience (e.g. call centre management, inquiries, issues management)
- Communications, social media and other channels
- Safety and security of employees and passengers
- Fare collection and/or enforcement, fraud investigation and ticketing
- Emergency event coordination



# Operations: Other Activities

## Common Activities

- There are common responsibilities and activities which are performed by all parties, regardless of who performs the function (e.g. implementation of Standard Operating Procedures).

## Event Management

- All parties play a role in planned and unplanned event management (e.g. emergency events, planned decommissioning of a portion of the LRT for maintenance activities, etc.).

## Bus Bridging

- The City is responsible for providing backup service, known as “bus bridging” to bridge any service gaps caused by an LRT outage (planned or unplanned).

# Maintenance and Facility Operations

# Maintenance and Facility Operations

## Non-Lifecycle Maintenance (funded by City):

- Custodial, Preventative and Corrective activities which enable the asset to deliver the intended level of service but do not significantly contribute to extending the lifecycle of the asset.

## Lifecycle Maintenance Activities (funded by Metrolinx):

- Renewal Maintenance activities which contribute to extending the life-cycle of the asset through structural refurbishment or end of life replacement

## Facility Operations (funded by City):

- Property management activities of the Operations, Maintenance and Storage Facility (OMSF)

**Maintenance and facility operations activities are highly integrated and will be performed by a third party, through Metrolinx Administration and Procurement.**

# Operational Models

# Operational Models

There are four general operational models:

1. Third party performs all operational activities.
2. City performs Passenger Interface Provider activities.
3. City performs Passenger Interface Provider activities and LRT Vehicle Operations activities.
4. City performs all aspects of Operational Activities (excluding Facility Operations).

Operational Activities	Operational Model 1		Operational Model 2		Operational Model 3		Operational Model 4	
	Third party Performs all Operational Activities		City performs Passenger Interface Provider Activities.		City performs Passenger Interface Activities and LRT Vehicle Operations		City performs all aspects of Operational Activities except for Facility Operations	
	City	Third Party	City	Third Party	City	Third Party	City	Third Party
Bundle 1: LRT B Line Operations		X		X		X	X	
Bundle 2 : LRT Vehicle Operations		X		X	X		X	
Bundle 3: Passenger Interface Provider		X	X		X		X	

**Examples:**

Model 2: Region of Waterloo Line, Hazel McCallion Line in Peel Region

Model 4: Eglinton Crosstown and Finch West Lines in Toronto and Confederation Line in Ottawa

# Operational Models: Assessment Criteria

1. **Customer experience:** to assess a seamless experience between all modes of transit, ease of information, and continuity:
  - Is the model likely to contribute to a seamless customer service experience between bus service and the LRT service?
  - Is the model providing benefits to schedule and service integration requirements?
  - Does the model give the City the desired profile with transit customers?
  - Does the model provide appropriate opportunities for the City to consider socio-economic circumstances when dealing with transit customers?
  - Does the model allow for the integration/coordination of some customer facing roles to enhance efficiency (e.g. security also performs fare enforcement and passenger relations)?

# Operational Models: Assessment Criteria

2. **Interface(s) between parties:** to assess the interface(s) between Metrolinx, the City and various third parties and to determine the associated complexities with shared activities (typically, fewer interfaces and less complex interfaces would be preferred):
- How many interfaces exist between the City and other parties?
  - How complex are the interfaces between the City and other parties?
  - How easy or difficult will it be to create agreements that clarify interface roles and responsibilities, and provide adequate incentive for other parties to act responsibly?

# Operational Models: Assessment Criteria

3. **Risks and liability:** to assess the types of risks and liabilities that exist for each model, their likelihood of occurrence, and the consequences associated with each risk:
  - What risks to the City does the model create?
  - What are the likelihood and consequences of each risk?
  - How can the potential risks be mitigated?

# Operational Models: Assessment Criteria

4. **Cost to the City:** to assess the relative cost impact of each model to determine if this creates an additional funding liability for the City (note: at this stage, it is likely that this will be a “high-level” qualitative assessment of the relative costs associated with each model):
- Is the model likely to result in higher or lower costs to the City for operations and non-lifecycle maintenance?
  - Is the model likely to result in higher or lower costs to the City associated with bringing in new functions, setting up the staffing units and appropriate skills and expertise?

# Decision-Making Timeline

**Stage 1:** Present operational models, and present assessment criteria on how staff will assess models

July 26, 2023 LRT Sub-Committee

**Stage 2:** Present preliminary analysis of operational models

September 25, 2023 LRT Sub-Committee

**Stage 3:** Present final analysis as well as recommended operational model

November 29, 2023 LRT Sub-Committee



We are here



Hamilton

**QUESTIONS?**