



Hamilton

Hamilton Light Rail Transit Project

Change Tracking Framework

LRT Sub-Committee

June 26, 2025

Agenda

- Background
- Key definitions and Tracking Area
- Indicator Development
- Consultation
- Recommended Indicators
- Reporting structure
- Recommendations
- Next Steps



Background

- Sep 20, 2024 LRT Sub-Committee, [Establishing a Baseline of Measures respecting Getting Hamilton's Light Rail Transit on the Right Track](#)

“that staff be directed to report back to the Light Rail Transit Sub-Committee respecting a Terms of Reference for establishing a baseline of measures that would enable the City to track changes over time with respect to a wide and comprehensive range of metrics including economic, environmental, and social metrics.”

- Nov 15, 2024 LRT Sub-Committee, [Terms of Reference for a Change Tracking Framework for the Hamilton Light Rail Transit \(PED24207\) \(City Wide\)](#)

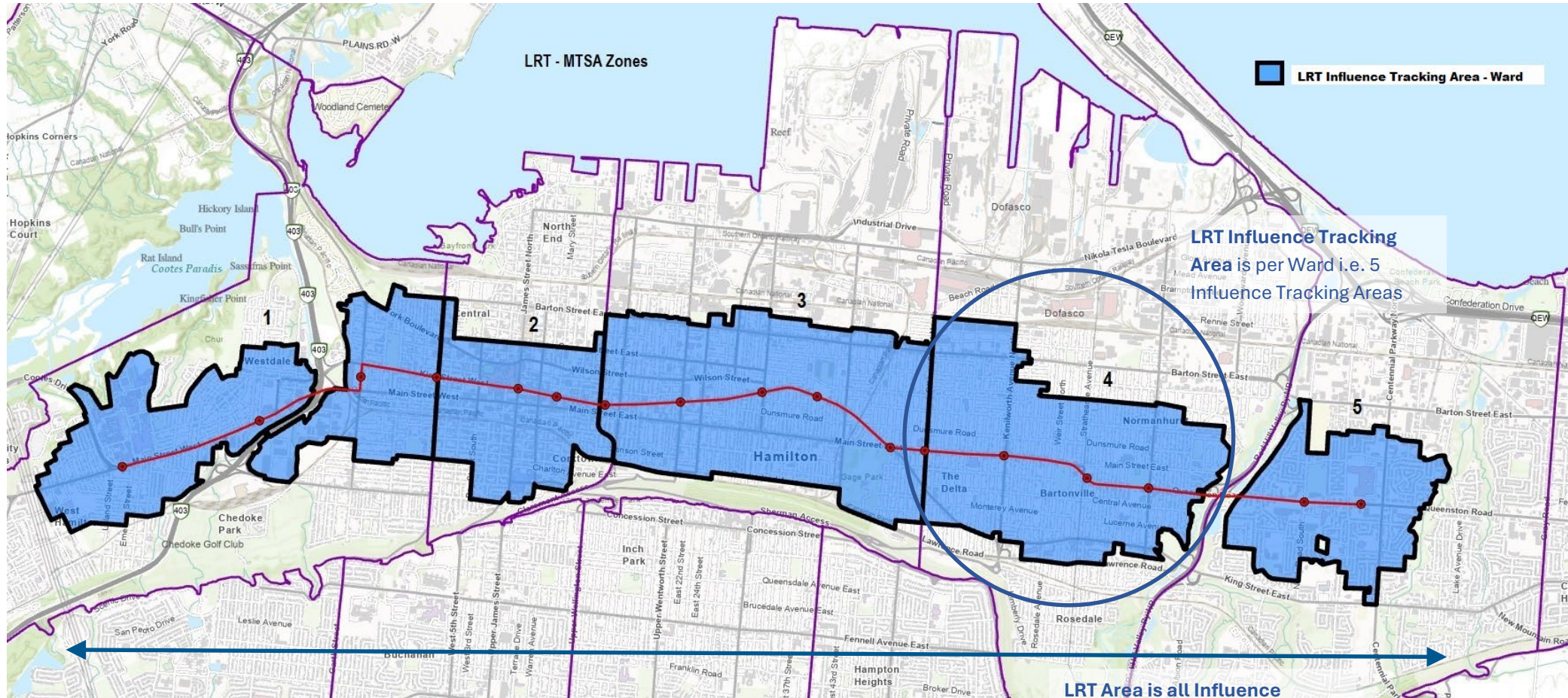
Key Definitions

- **Dimensions:** Dimensions define the state of the Hamilton LRT corridor from the economic, environmental and social aspects. Like any other LRT initiative, the Hamilton LRT is anticipated to bring significant changes to these dimensions.
- **Indicators:** Indicators define and explain dimensional changes in a qualitative or quantitative manner. With the indicators, multi-dimensional changes are reported in a tangible or measurable fashion.
- **Metrics:** Metric is a measuring system to measure changes (or impacts) in a quantitative manner for each indicator, where applicable.
- **Service Area:** Division or Section within the City of Hamilton organizational structure that will be responsible for providing data and interpreting results.

Example

Dimensions	Indicators	Metric Units
SOCIAL	Population	% of the City's residents living in the tracking area
SOCIAL	Demographic Shifts (Youth)	No. or % of youth living in the tracking area
SOCIAL	Demographic Shifts (Seniors)	No. or % of Seniors living in the tracking area
ENVIRONMENTAL	Cycling infrastructure and multi-use paths	Length of cycling infra and multi-use paths (km)
ENVIRONMENTAL	Publicly owned Parklands	Area of public Parklands (hectares or m2)

Tracking Area



Aligned with the subareas identified and proposed by the City's Sustainable Communities from Planning in their Major Transit Station Areas (MTSA) Final Report, August 2023.

LRT Area is all Influence Tracking Areas combined i.e. 1 LRT Area (14km x ~1.6km)

Indicator Development

- **Meaningful** measures of change and are expected to provide **valuable** information on economic, environmental, and social changes
- Associated with **available data and reporting tools** which do not have additional resource or cost implications
- Can be reported for **defined** area of LRT or for Influence Tracking Areas per ward
- Can be reported on a **regular basis**



LRT Steering Committee

Information Systems and Cartographic Planning

Tourism and Events

Commercial Districts and Small Business

Building

Climate Change Initiatives

Facility and Energy Management

LRT Sub-Committee

Healthy and Safe Communities

Corporate Facilities

Strategy Continuous Improvement and Open for Business

Energy Management

Heritage and Urban Design

Transportation Operations

Transportation Planning and Parking

Transit Customer Experience

Accessible Transportation Services

Forestry and Horticulture

Urban Planning

Preliminary Consultation

70+ interviews with internal service areas and external agencies

Metrolinx

Hamilton Police Service

ION - Region of Waterloo

University of Toronto

Hamilton Community Benefits Network

Murray Advisory Services

Community Engagement & Climate Justice Working Group

Consultation

Documents that informed our work:

- Region of Waterloo's Monitoring Change in the CTC, [2022 Report](#)
- Major Transit Station Areas, [Final Report](#) Aug 2023
- Getting Hamilton's LRT on the Right Track, CityLab Hamilton, [Final Report](#) (December 2023)
- Equitable Transit-oriented Development: A New Development, The Hamilton Transit Oriented Affordable Housing Lab ([Final Report](#)) Aug 2024

Preliminary List of Recommended Indicators

- Staff recommend a preliminary list of 38 indicators
- The recommended indicators are meaningful measures expected to provide valuable insights into economic, environmental, and social changes.
- The recommended indicators are associated with data that will be available and reported at no additional cost or resource implications for the defined area of LRT or for the Influence Tracking Areas per ward on a regular basis.

Preliminary List of Recommended Indicators

Economic

- Employment
- Land use mix
- Land use scale
- Active residential with store frontage
- Vacant land
- Grocery stores
- Building construction activity
- Municipal tax levy
- Property assessed value
- Business support
- Grant applications

Environmental

- Cycling infrastructure and multi-use paths (MUPs)
- Publicly owned parklands
- Publicly accessible privately owned greenspaces
- Trees (publicly owned only)
- Trees (canopy area for private and public trees)

Preliminary List of Recommended Indicators

Social

- Population
- Demographic shifts (youth)
- Demographic shifts (seniors)
- Demographic shifts (households with children)
- Transit mode share
- Active transportation
- Share of travel using micromobility
- Access to employment by transit
- Access to populations by transit
- Door to door service for ATS customers
- Outdoor patios (seasonal/temporary)
- Affordability of home ownership
- Affordability of rental accommodation
- Supply of community housing
- Traffic collisions (all types)
- Traffic collisions (pedestrian and cyclist-related collisions)
- Calls for police service (perceptions of safety)
- Crime severity (overall, violent and property-related)

Cultural*

- Public art
- Heritage resources

** Per Cultural Plan 2013, cultural vitality recognized as the fourth pillar of sustainability – equal to economic prosperity, social inclusion and environmental responsibility.*

Other Indicators Considered

Staff investigated several other indicators that can't be recommended for change tracking due to, but limited to:

- not providing meaningful information
- currently not tracked city-wide
- draft policy or new policy which does not have a measurable means of change tracking yet defined
- being more of a design consideration and not a trackable change indicator; and
- applicable to the LRT Operation phase only.

Reporting Structure

- Baseline Report / Q1 2026
 - Establish baseline conditions
 - Investigate and assess how information relating to the Climate Justice Framework (in development) could be accounted for
 - Continue investigation if further indicators could be recommended
- Subsequent Change Tracking Reports
 - Report on changes based on agreed upon frequencies at reasonable intervals, and
 - At key project peak stages or themed indicators, as required.

Recommendations

- a) That the preliminary list of recommended indicators for use in the Change Tracking Framework for the Hamilton Light Rail Transit as shown in Figure 1 in this report and further described in Appendix A **BE APPROVED**.
- b) That staff **BE DIRECTED** to report in Q1 2026 on the Change Tracking Framework including baseline conditions and initial trends where available.

Next Steps

- Staff will advance the development of the Climate Justice Framework and will investigate how the current recommended indicators can be further explored
- LRT Sub-Committee will report in Q1 2026 with values to establish indicator baseline conditions, and report on their changes, where available, compared to the established baselines



Hamilton

QUESTIONS or FEEDBACK