



MAPLE RIDGE

British Columbia

## Modernizing Transportation in the Heart of the Lower Mainland

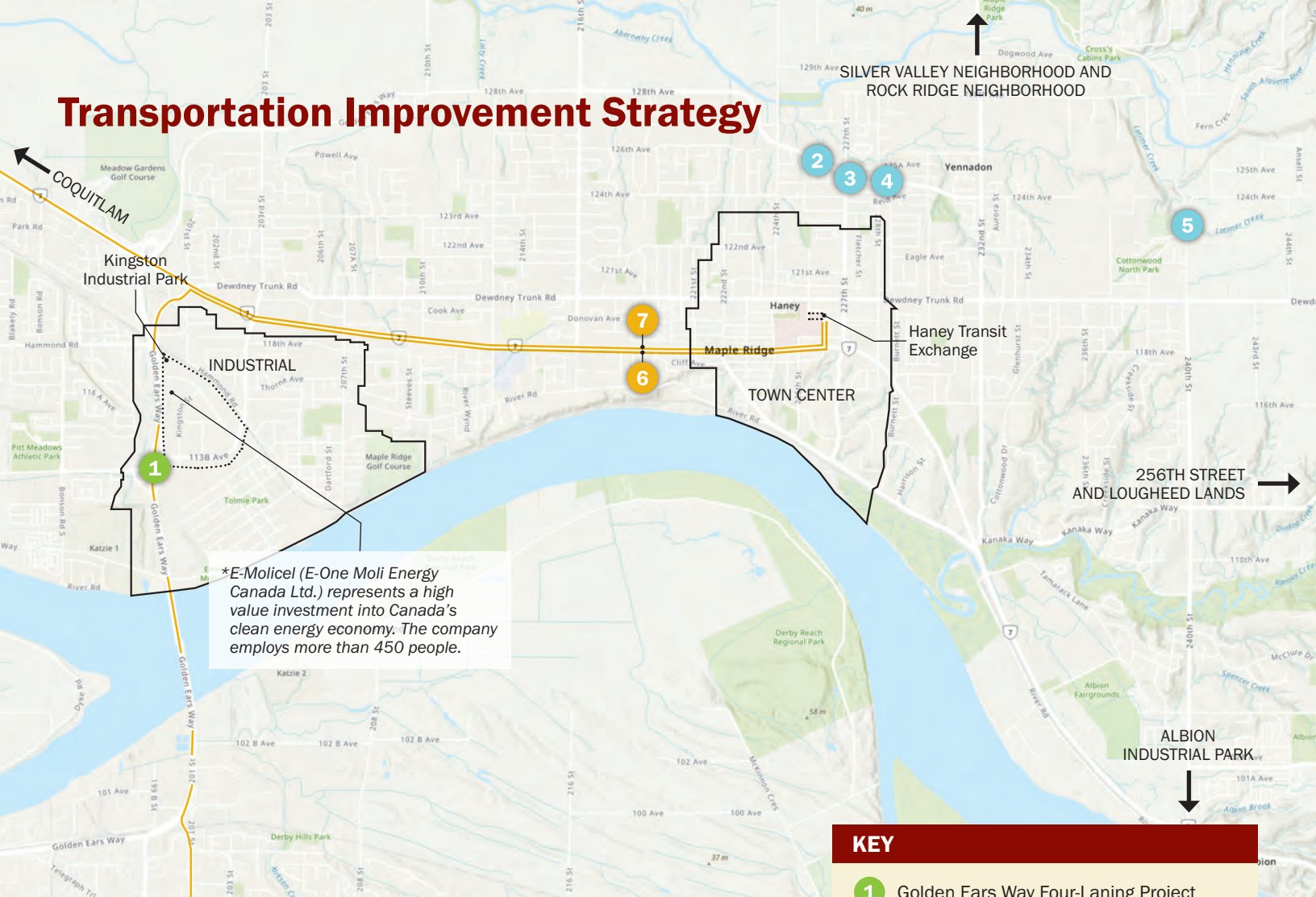
The City of Maple Ridge is strategically positioned at the 'heart' of the Lower Mainland region, with the fast-growing communities of the Fraser Valley to the east and key trade hubs in Metro Vancouver to the west. With access to Highway 1, Highway 7 and Highway 17 – a direct connection to Delta Port (Roberts Bank) to the South – Maple Ridge is becoming a destination for manufacturing and technology companies, and an attractive option for families seeking an affordable lifestyle close to nature.

With a rapidly growing population, Maple Ridge has a plan for transportation improvements that will reduce congestion, lower GHG emissions, increase resilience, support economic growth, and improve quality of life for residents. Thanks to an initial \$16.5 million investment by the Government of BC, the City is proceeding with the first phase of improvements – widening a portion of Abernethy Way, a key east-west connection for residents that will relieve pressure on the busy Lougheed Highway (Hwy 7) during construction of BRTs within the community and expand this key arterial road.

**The City of Maple Ridge needs the Government of Canada to join the Province as a partner to invest in the future of this thriving community. The City's transportation plan includes a series of smart, sustainable projects to keep people and goods moving within Maple Ridge and throughout the Lower Mainland region.**



# Transportation Improvement Strategy



\*E-Molice (E-One Moli Energy Canada Ltd.) represents a high value investment into Canada's clean energy economy. The company employs more than 450 people.

## KEY

- 1 Golden Ears Way Four-Laning Project
- 2 Abernethy Way Widening (224th to 230th)
- 3 Abernethy Way Extension (232nd to 240th)
- 4 Abernethy Way Extension (240th to 256th)
- 5 240th Street Bridge Connection
- 6 Langley - Haney Place BRT (TransLink)
- 7 Coquitlam - Haney Place BRT (TransLink)

The projects that make up Maple Ridge's **Transportation Improvement Strategy** will contribute to the region's GHG emission reduction targets and make it easier for residents and businesses to move around.

These projects are also critical to enabling the introduction of **Bus Rapid Transit (BRT)** lines proposed by TransLink in its new 10-year transportation plan *Access for Everyone*. BRT is an exciting new opportunity to deliver low-cost rapid transit by running buses on a dedicated right-of-way, similar to light rail, connecting residents to city centres and other rapid transit infrastructure throughout the Metro Vancouver region. The City of Maple Ridge wants to be among the first municipalities within the region to introduce new BRT lines, which will connect the city centre to regional commuter rail service in Coquitlam and Langley City.

In order for BRT to be successful, **the surrounding road network must be updated with "pre-BRT" investments** to handle an increased volume of traffic that will be displaced during construction from the BRT route and to provide an alternate trucking traffic route. Maple Ridge's Transportation Improvement Strategy addresses this need, while at the same time improving access to growing residential neighbourhoods and the city's industrial and employment centres.

**Population:** 90,900 (2021 census)  
Maple Ridge is growing at more than twice the rate of Canada's overall population growth from the last census.

**Top employers:** E-One Moli Energy Canada Ltd, Pitt Meadows Plumbing, Fraser Health Authority, City of Maple Ridge.

**Key industries:** Manufacturing and advanced manufacturing, Clean Tech, ICT, Value Added Agriculture, Transportation and Logistics, Trades.



### Bus Rapid Transit (BRT) in Maple Ridge

As part of TransLink’s new ten-year plan *Access for Everyone*, the City of Maple Ridge will see two new BRT lines. The **Langley – Haney Place BRT** will connect the city centre of Langley and the city centre of Maple Ridge with a fully traffic-separated BRT line featuring dedicated bus lanes and transit signal priority across the 200 St - Golden Ears - Lougheed Highway corridor.

The **Lougheed Hwy BRT** will replace the existing R3 RapidBus connecting the city centre of Coquitlam and the city centre of Maple Ridge into a fully traffic-separated BRT line with dedicated bus lanes and transit signal priority across the length of the Lougheed corridor.



### Maple Ridge Transportation Improvement Strategy

To ensure the success of BRT service in Maple Ridge, the surrounding road network must be updated with **“pre-BRT” investments** to handle an increased volume of traffic that will be displaced during construction of the BRT route. Maple Ridge’s Transportation Improvement Strategy includes the following projects aimed at avoiding congestion and improving access to key economic and housing lands.



### Lougheed Hwy 2 BRT Lines

#### Lougheed Transit Corridor Area Plan (LTCAP) for the Lougheed BRT Line

Given the pending LTCAP and BRT projects, it is important to study the Lougheed Corridor to determine the needs of the future road network. This includes access management, corridor management, intersection configuration requirements, and multi-modal needs.

**Study value:** \$200,000

**Timing:** 2023

#### Town Centre Road Network Plan (for the Langley BRT Line)

The introduction of BRT and the revitalization of the Haney Place Mall site will transform the downtown core. This study will review the current multi-modal network in Maple Ridge’s downtown and establish future transportation requirements.

**Study value:** \$200,000

**Timing:** 2023





### Abernethy Way Corridor Expansion

Abernethy Way is a major transportation and economic link to the City’s primary industrial lands at 256 Street as well as a direct route to Golden Ears Park, the most attended provincial park in British Columbia with over 600,000 visitors per year. The City’s Transportation Improvement Strategy identifies this corridor, and especially the construction of the four-laning of Abernethy Way between 224 Street and 230 Street, as a pressing need for both local and inter-municipal traffic as well as providing secondary access to the rapidly developing growth area of Silver Valley that will ultimately house 11,000 residents.

#### Phase 1: Abernethy Way Widening (224 Street to 230 Street)

This will complete the four-laning of Abernethy Way from 224 Street to 230 Street. Design will be complete in the spring of 2023 with construction expected to commence in the fall of 2023. Once complete, Abernethy Way will be constructed to the ultimate configuration of 4 lanes between 210 Street and 232 Street.

**Total project cost:** \$15 million

**Timing:** 2023 - 2025

#### Phase 2: Abernethy Way Extension (232 Street to 240 Street)

This project will include road subgrade for 4 lanes, asphalt for 2 lanes (interim condition), a multi-use path, sidewalk, drainage, and street lighting. The extension will support the continued growth of the Albion community, and industrial growth up 256 Street, while providing an alternative east-west connection to help alleviate congestion on Lougheed Highway and Dewdney Trunk Road.

**Total project cost:** \$38.5 million

**Timing:** 2023-2027

#### Phase 3: Abernethy Way Extension (240 Street to 256 Street)

This extension of Abernethy includes a two-lane cross section with sidewalk and multi-use path. It will further support growth of the 256 Street Industrial Lands and provide active transportation between 240 Street and 256 Street North of Kanaka Creek.

**Total project cost:** \$60 million

**Timing:** 2023-2027

#### 240 Street Bridge North of 124 Avenue

This project includes a new Alouette River crossing at the 240 Street alignment and supporting road improvements south to the proposed Abernethy Way extension. The City has completed a feasibility review of constructing a bridge at this location. The new bridge will provide alternative disaster emergency access into the Silver Valley and Rock Ridge neighbourhoods, and direct access to Golden Ears Provincial Park.

**Total project cost:** \$60 million

**Timing:** 2023-2026



#### Golden Ears Way Four-Laning Project

This corridor is a critical transportation link enabling the movement of goods and people in and out of the northeast area of the region. Congestion on Golden Ears Bridge and Golden Ears Way is increasing as our population continues to grow, with a major bottleneck north of Lougheed Hwy where Golden Ears Way reduces from four lanes to two lanes.

**Total project cost:** \$15 million

**Timing:** TBD

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