

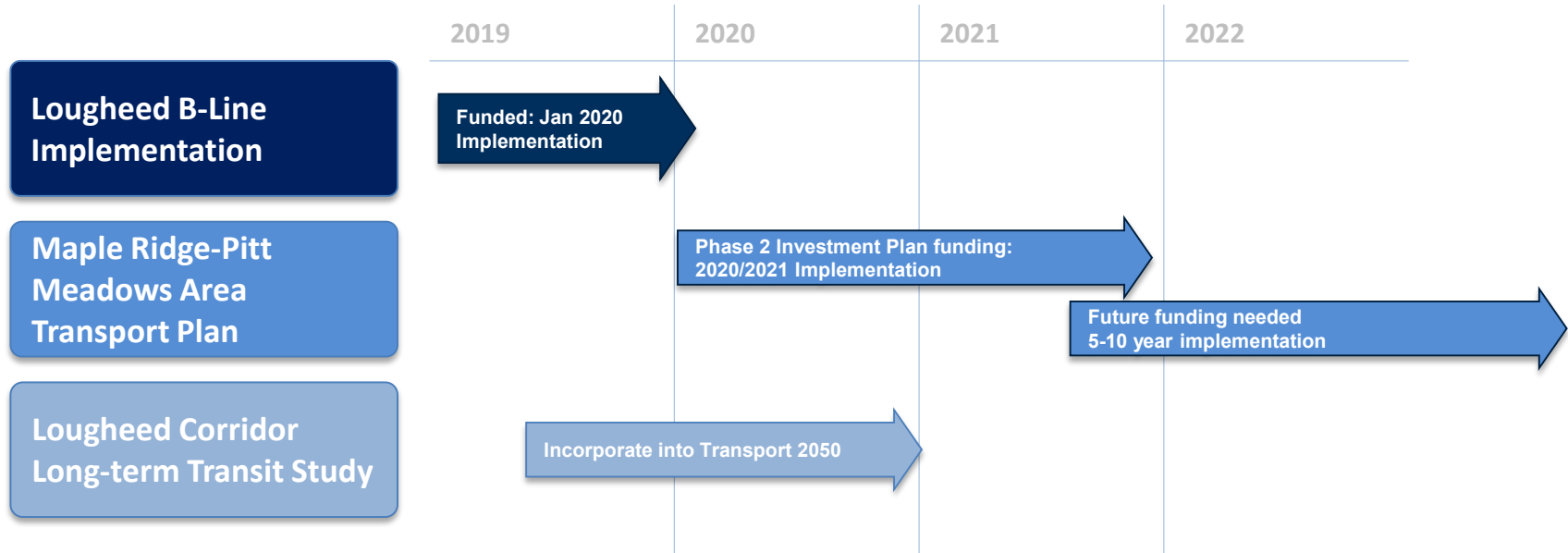
Maple Ridge-Pitt Meadows

Lougheed Hwy B-Line & Area Transport Plan

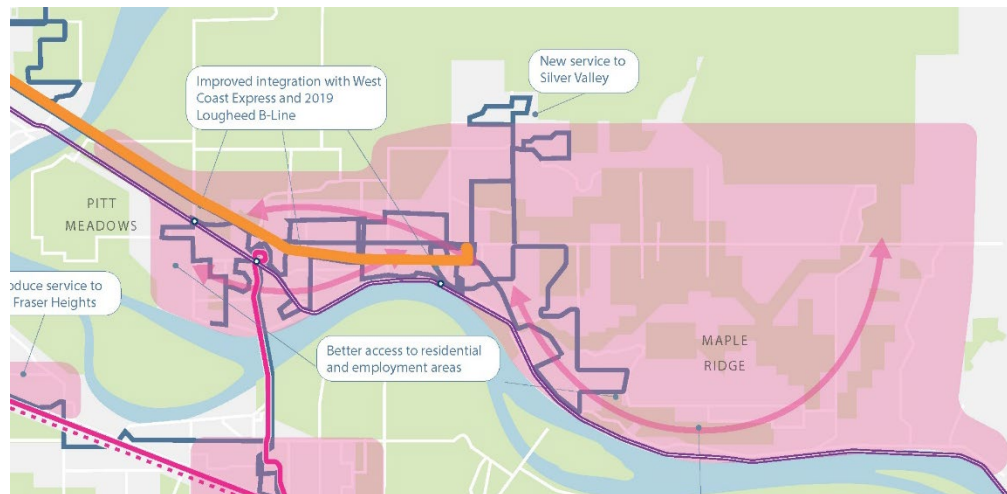
City of Pitt Meadows
July 9, 2019

Purpose of today's presentation

- Update on **Lougheed B-Line** Implementation (Jan 2020)
- Upcoming consultation for **Maple Ridge-Pitt Meadows Area Transport Plan**
- Lougheed Corridor **Long-term Transit Study** (ongoing) and connection to Transport 2050, the Regional Transportation Plan



Mayors' 10-Year Vision – Phase One and Two Improvements



Completed 2017-2018

- **New bus routes:** 733 and 741 to Silver Valley
- **Walking and cycling cost-sharing programs:** River Road and 232 Street Bike Lanes, Fern Crescent Multi Use Path
- **MRN expansion:** 19 lane-km along 132, 210, Dewdney Trunk and 240

2019-2020

- **Lougheed Hwy B-Line:** Improve transit speed and reliability between Haney Place and Coquitlam Central Station
- **Bus service improvements:** Extend hours of service 595 Maple Meadows Station/Langley Centre
- **Improve or expand service area:** Restructure Maple Ridge and Pitt Meadows network based on outcome of Area Transport Plan

Regional Transportation Investments (not shown on map)

- 7% increase in **HandyDART service**
- **\$40M** in new funding for **minor upgrades to the MRN**
- **\$26M** in new funding to **rehabilitate and make seismic retrofits to MRN structures**
- **\$24M** in new funding for **municipal cycling infrastructure**
- **\$59M** in new funding for **TransLink-owned cycling facilities**
- **\$10M** in new funding for **pedestrian infrastructure projects**
- **\$4.7M** to pilot, field test, and **scale new technologies and flexible service concepts** throughout the region



Lougheed Hwy B-Line

- Construction is underway
- B-Line Launches Jan 2020

Lougheed Hwy B-Line part of region-wide rapid bus expansion



Largest expansion to Ridge-Meadows transit since West Coast Express



Frequent all day Service

Never wait more than 10 min in rush hour
Available every day from 5am to midnight



Fast and Reliable

Get to the SkyTrain faster than ever
Up to 19 minutes of travel time savings



Distinct brand and amenities

Buses and stops that stand out

Distinctive Vehicles



- **New Hybrid articulated buses**
- **Distinctive bus branding**
- **Board bus at any door**
- **More comfortable seating**
- **Additional exterior signage**

New Stop Amenities



Real-Time bus display w audio



Standard Features

- **Real-time information**
 - See when next bus will arrive
- **Branded Bus Poles**
- **Enhanced accessibility**
 - Audio on demand real-time next bus info
 - Tactile walking surface indicators at front door



Locally Determined Features

- **New shelters**
- **Street furniture**
 - benches, bike racks, trash cans

Ongoing engagement and consultation with public and stakeholders

- **Consulted with public in early 2018 – very positive response**
 - **Extensive promotion campaign** including online/newspaper ads and **emails to key stakeholders**
 - Attended **6 public events** and received **1,300+ survey responses**
- **Continued meeting with key stakeholders**
 - June 10th Ridge Meadows Chamber of Commerce
 - June 27th Fraser Health (possible improvement to Laity Stop)
- **Construction notification**
 - Notified business adjacent to construction
 - General Construction notification in June 28th edition of Maple Ridge Pitt Meadows News
 - Specific notification to nearby residents to come

Lougheed Highway B-Line launches January 2020

CONSTRUCTION: EARLY JULY TO FALL 2019

Construction work soon underway in preparation for new rapid-bus service for Maple Ridge, Pitt Meadows, Port Coquitlam and Coquitlam

To ensure B-Line buses can deliver fast and reliable service along the Lougheed Highway, TransLink and local governments are making street changes to give buses priority.

Examples of construction include:

- New bus stops and upgrades to existing bus stops, including new shelters, in partnership with municipalities
- Changes to curbs, sidewalks, lighting and medians
- Paving and line painting
- Changes to signage and traffic signals

These changes will reduce delays for all buses that travel along the Lougheed corridor, while having minimal impact on regular traffic.

For more information, please visit www.translink.ca/bline

Future Lougheed B-Line Bus Route

Coquitlam Central Station: changes to bus and parking area

We're making bus-access improvements at Coquitlam Central Station. Parking will remain available while this work is underway.

Thank you for your patience as we bring rapid-bus service to Maple Ridge, Pitt Meadows, Port Coquitlam and Coquitlam.

TRANS LINK

Ad placed in Maple Ridge Pitt Meadows News

Partnership with municipal and provincial gov'ts

- 100% TransLink Funded
- Municipal and provincial collaboration on planning, design and implementation



Ministry of
Transportation
and Infrastructure

Major promotion of B-Line beginning this summer

Summer 2019: Build awareness

Initial public announcement
PNE Event during summer

Jan 2020: Service Launch

Opportunities for media events



Fall 2019: Marketing campaign

General B-Line campaign
Lougheed specific marketing

Jan 2020+: Ridership development campaign

Next Steps

- Construction will continue through December 2019
- Ongoing construction communications at translink.ca/bline
- TransLink will work with municipal staff to identify opportunities for media events closer to launch
- Service launch January 2020



Maple Ridge-Pitt Meadows Area Transport Plan

Identify strategies and actions that will improve:

- Transit service
- Regional cycling connections
- Pedestrian connections to transit
- Goods movement and regional roadways

Process for Developing Strategies

Step 1 Idea Generation: Develop concepts working ideas and concepts

Step 2 Collaborate: Share & refine ideas with internal experts and municipal partners

Step 3 Consultation: Share ideas and consult with municipal councils and public

Step 4 Evaluate: Assessment of options using evaluation framework

Step 5 Review and Revise: Review and adjust based on feedback from staff and Council

Step 6 Endorse: Council *endorses* recommended Actions & Strategies

Phase 2 Public Consultation

A graphic for a public consultation. At the top, the text 'Share your voice. Shape the future.' is in a large, bold, dark blue font. Below this, two columns of text provide details about the consultation. The left column mentions the goal of improving transportation in Maple Ridge and Pitt Meadows and encourages input from all modes of transport. The right column provides the survey link and dates. At the bottom, there is an illustration of a diverse group of people (a man, a woman, a child, and an elderly person) walking on a sidewalk next to a blue and white transit bus. A transit stop sign is also visible. The URL 'translink.ca/mrpm' is in the bottom left, and the 'TRANS LINK' logo is in the bottom right.

Share your voice. Shape the future.

We're working to improve transportation in Maple Ridge and Pitt Meadows, and we want to hear from you. Whether you drive, bike, walk or take transit, you can help shape the future of the new Maple Ridge-Pitt Meadows Area Transport Plan.

Have your say on the potential changes in Maple Ridge Pitt Meadows. Take the survey at translink.ca/mrpm between **April 2 and 18, 2019.**

translink.ca/mrpm

TRANS LINK

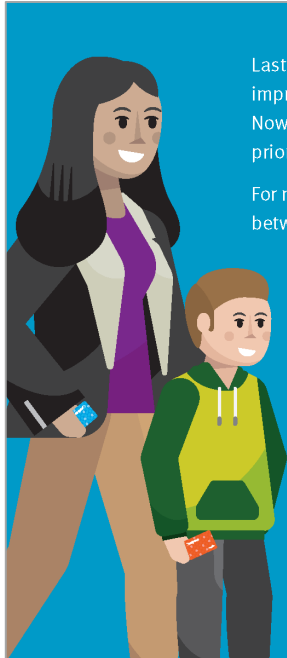
Public Consultation

- From April 2 to April 18
- **931** online surveys completed
- **237** in-person interactions

Outreach

- **3,200** postcards distributed at community locations and transit hubs
- **2,000** postcards distributed to WCE customers
- **4** ads at West Coast Express stations
- **87** bus pole ads at selected stops
- **3** newspaper advertisements
- **2** unique media stories in print and online
- **195** pageviews on the Buzzer blog
- **6,500** unique ATP website views

Phase 2 Public Consultation



Last year, you shared with us what's important and how we can improve the transportation network in your community. Now, we need your feedback on potential changes to address the priorities and opportunities you identified.

For more information, visit translink.ca/mrpm. Take the survey between **April 2 and 18, 2019** or come to an info session near you.

Location	Date	Time
Haney Place Transit Exchange	Friday, April 5	2:30 p.m. – 5:30 p.m.
Pitt Meadows Rec Centre	Saturday, April 6	9:00 a.m. – 12 noon
Glenwood Elementary (hosted by City of Maple Ridge)	Wednesday, April 10	4:00 p.m. – 8:00 p.m.
Pitt Meadows Station (WCE)	Friday, April 12	5:45 a.m. – 8:00 a.m.
Maple Ridge Earth Day	Saturday, April 13	10:00 a.m. – 2:00 p.m.

Community Engagement

- **5 public info sessions** at various community locations and events
- **Info session** at Maple Ridge Secondary
- **Info session** for staff at PoCo Transit Centre
- **2 “Pop-ups”** at transit locations: Haney Bus Exchange and Pitt Meadows WCE Station

Workshops

- **City Council** workshop
- **December Working Group** with staff, MoTI, and Metro
- Met with **Public Advisory Committee**

Public Feedback on Transit Strategies

**Ranked in order of survey results*

Strategy 1 Expand and improve **frequency, span, and days of operation**

Strategy 2 Make routes more **direct and functional**

Strategy 3 Improve **speed and reliability**

Strategy 4 Connect to **regional** destinations

Strategy 5 Improve **access** to the system

Strategy 1

Improve frequency, span, and days of operation

Recommendations

1. Improve frequency
2. Extend span of service
3. Additional days of operation

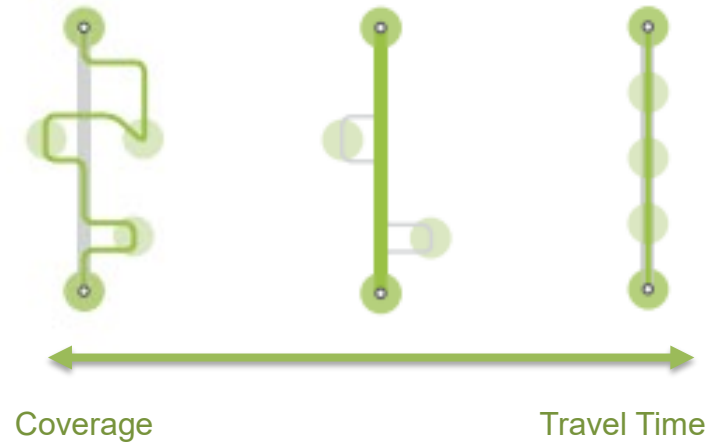
Legend		Current weekday frequency (minutes)		Improves frequency	New coverage areas	Extends hours of operation	Adds weekend service	Improves network directness and travel time
Route	Description of potential changes	Peak	Off-peak					
595	No changes							
701	No changes	15	30					
719	Increase frequency, more direct routing, simplify schedule, new service area	30-60	60	✓	✓	✓	✓	✓
722		30-60	60	✓	✓	✓	✓	✓
733	No changes	30	45					
741		30	45					
743	Introduce Sunday service, increase frequency	30-60	60	✓	✓	✓	✓	
744		30-60	60	✓	✓	✓	✓	
745	Increase frequency in more dense residential areas, more direct routing	30	60	✓		✓		✓
746		30	60	✓	✓	✓		✓
748	Introduce Sunday service	120	120	✓		✓	✓	✓
749	Introduce Sunday service	120	120			✓	✓	
791	No changes	20	30					

Strategy 2

Make routes more direct and functional

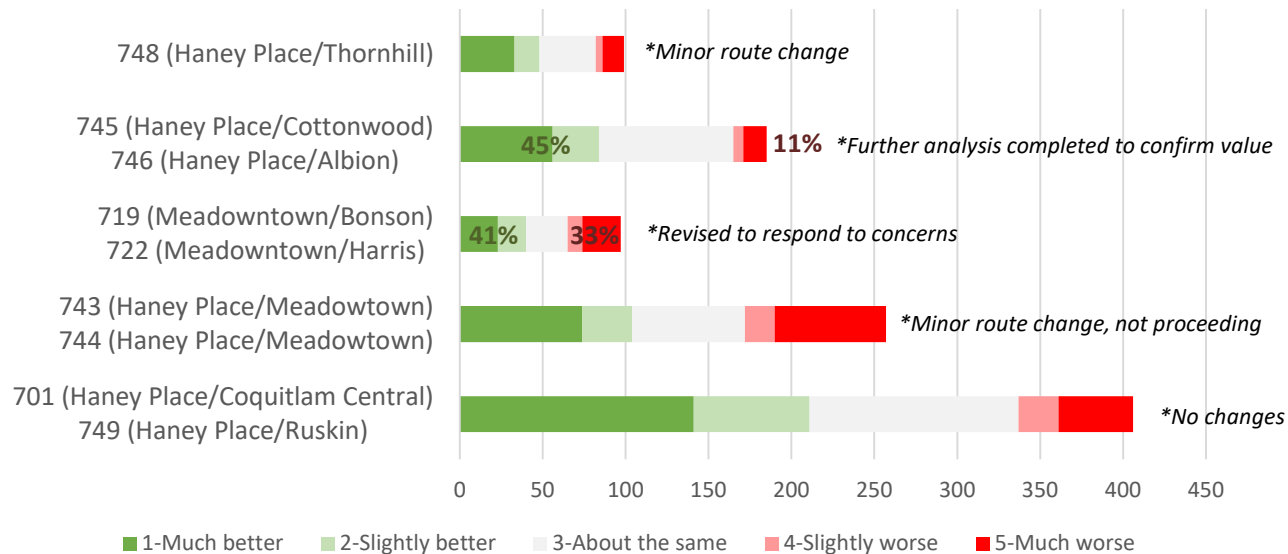
Recommendations

1. Prioritize service to employment areas and dense residential areas
2. Provide faster and more reliable service
3. Explore opportunities to improve bus speed and reliability

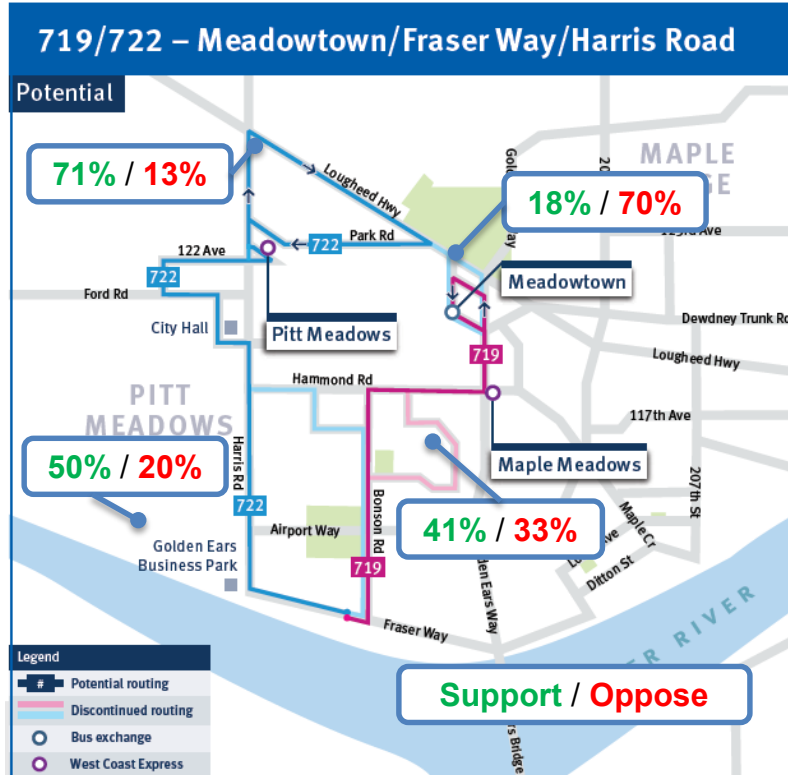


Responding to Public Feedback

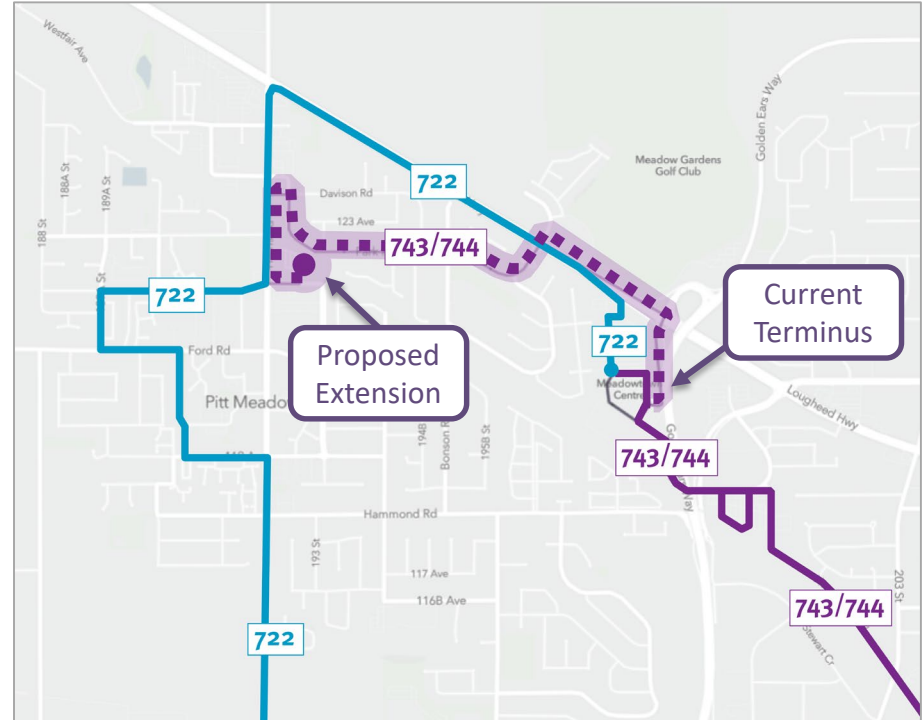
Compared to today, how would these potential changes work for you?



Routes 719 & 722 Potential Route Changes



Revised Recommendation



Strategy 3 Improve Speed and Reliability

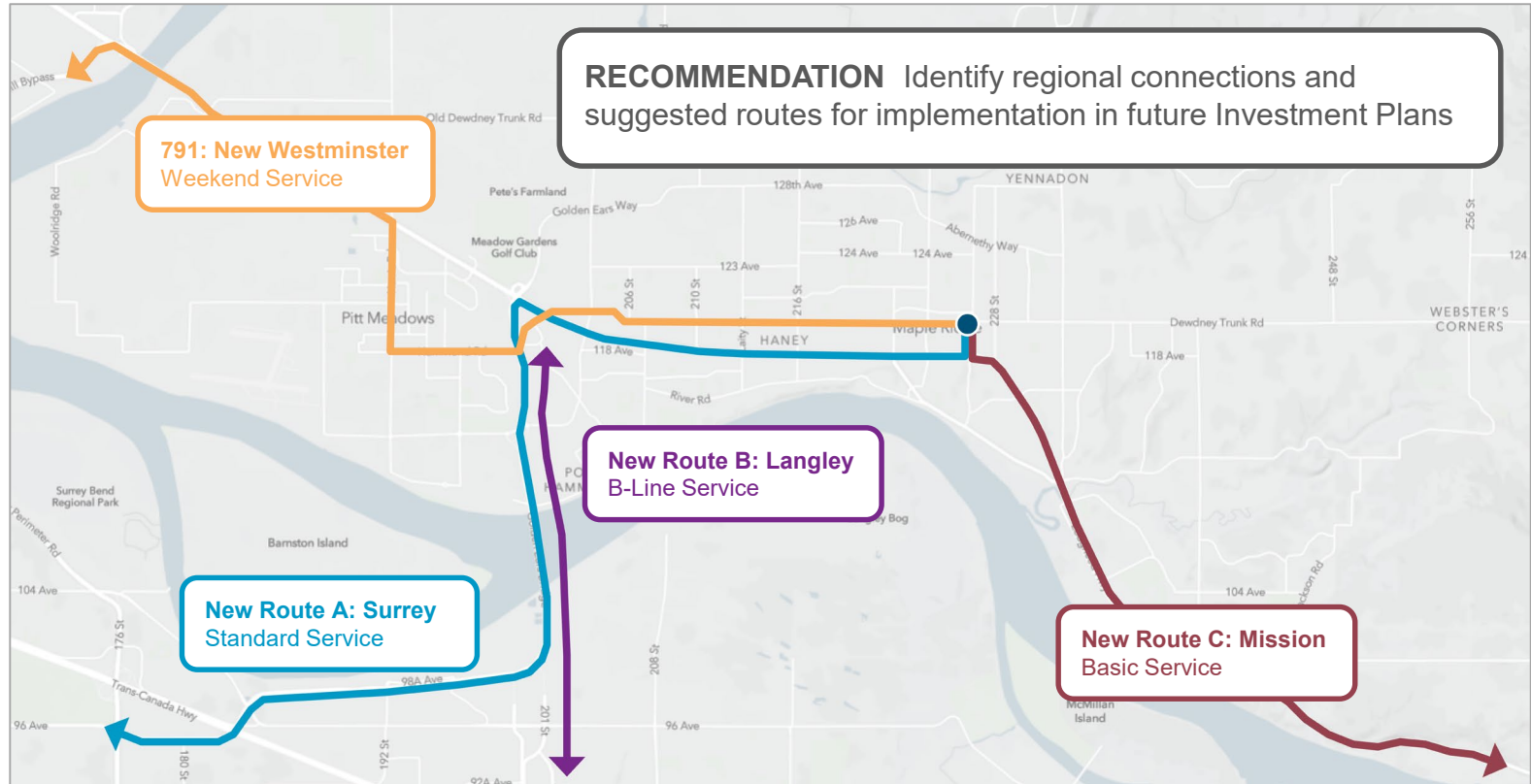
Opportunities

1. **Lougheed corridor**
 - a. B-Line launch – bus priority lanes for 30% of corridor along (*construction starts summer 2019*)
 - b. **Ongoing** bus priority upgrades to increase quality of service, build ridership & protect RoW for potential future higher-capacity transit (BRT, LRT, SkyTrain)
2. Identify other locations within Pitt Meadows and Maple Ridge for **additional** Transit Priority Measures.

Recommendation

1. Work with Pitt Meadows, Maple Ridge, and the province to develop, fund & deliver **expanded bus priority lanes** along the Lougheed corridor.
2. Work with Pitt Meadows & Maple Ridge to develop, fund & deliver **Transit Priority Measures** in priority locations that improve bus speed and reliability. Priority locations include:
 - Lougheed Hwy
 - Harris Road
 - Dewdney Trunk Road

Strategy 4 Regional Connections



Strategy 5 Improve Access to the System

Park and Ride opportunities

RECOMMENDATION Work with municipalities to identify locations for surface park and ride near B-Line

Amenities at stations, stops and exchanges

RECOMMENDATION Work with City to identify high performing stops with below standard amenities

RECOMMENDATION Work with TransLink Facilities to increase amenities at TransLink owned/operated facilities with below standard amenities

New Mobility options, including “On-demand Flexible Service”

RECOMMENDATION Consider On-demand Flexible Service pilot project for acceptability and proof of concept

RECOMMENDATION If higher quality of service is attainable with On-demand Flexible Service, consider replacing very low performing routes

Education and awareness

RECOMMENDATION Explore additional opportunities to use TransLink’s TravelSmart program for education and awareness

Implementing the Plan

Description	Route(s)	Implementation Target	
Add Sunday Service	719/722, 743/744	Near-term	Funded through the Phase 2 Investment Plan
Increase Saturday Frequency	719/722, 743/744, 745/746	Near-term	
Increase Weekday Frequency	719/722, 743/744, 745/746	Near-term	
Extend Span	719/722, 743/744, 745/746, 748, 749	Near-term	
Route Changes	719/722, 745/746, 748	On-going	
Further Increase Weekday Frequency	All routes	Medium-term	Funded through future investment plans
Further Increase Weekend Frequency	All routes	Medium-term	
Add Weekend Service	791	Medium-term/ Future investment Plan	
Potential New Local Routes	Dewdney Trunk, 240 St.	Medium-term/ Future investment Plan	Transport 2050
Potential New Regional Connections	<ul style="list-style-type: none"> • New A - To Surrey • New B - To Langley • New C - To Mission 	Future investment Plan	

NOTE: All immediate service level improvements include additional hours to meet or exceed Transit Service Guidelines (2018)

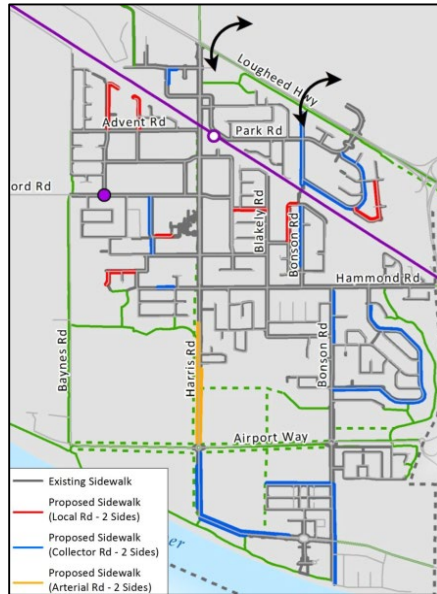


Walking, Cycling, and Roads

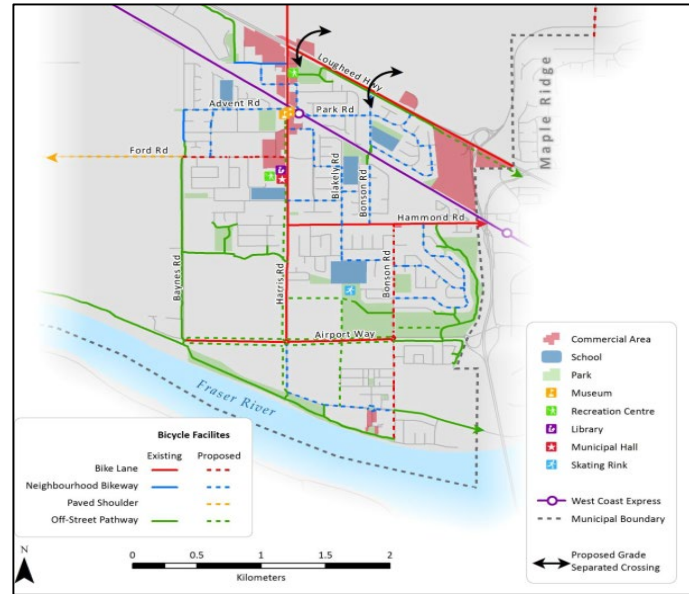
- Supports **your** local Transportation Master Plan
- Includes strategies and actions broadly **supported by the public**
- A focus on **regionally significant** walk, cycling, and roads that may be eligible for TransLink cost-sharing programs

Support your Local Transportation Plans

- The Area Transport Plan aims to support local transportation plans
- Local transportation plan networks are used as core building blocks for regional network



Pitt Meadows TMP: Walking



Pitt Meadows TMP: Cycling

Public Feedback on Walking Strategies

**Ranked in order of survey results*

Strategy 1 Improve **walking** infrastructure to transit

Strategy 2 Support a **safe and accessible** regional pedestrian network

Strategy 3 Improve walking conditions within **urban centres**

Strategy 4 Connect the pedestrian network to **regional gateways**

Strategy 5 Support programs that **encourage** walking

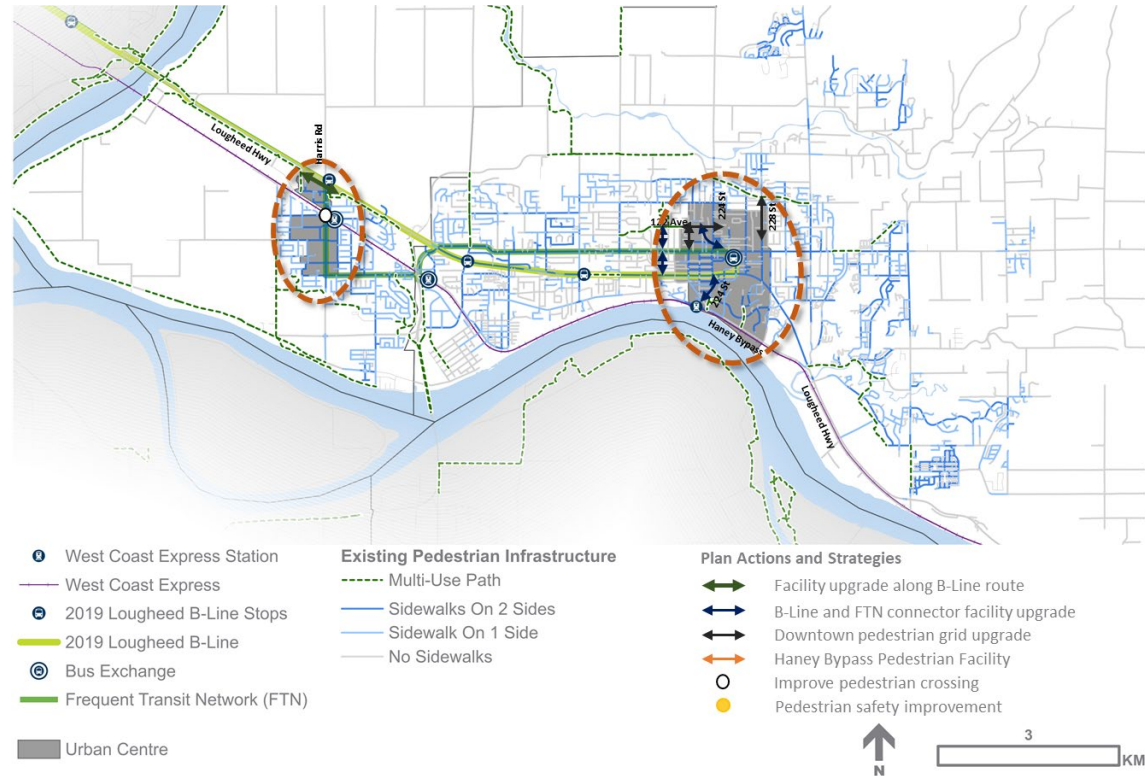
Strategy 1 Improve Walking Infrastructure to Transit



Walking Strategies

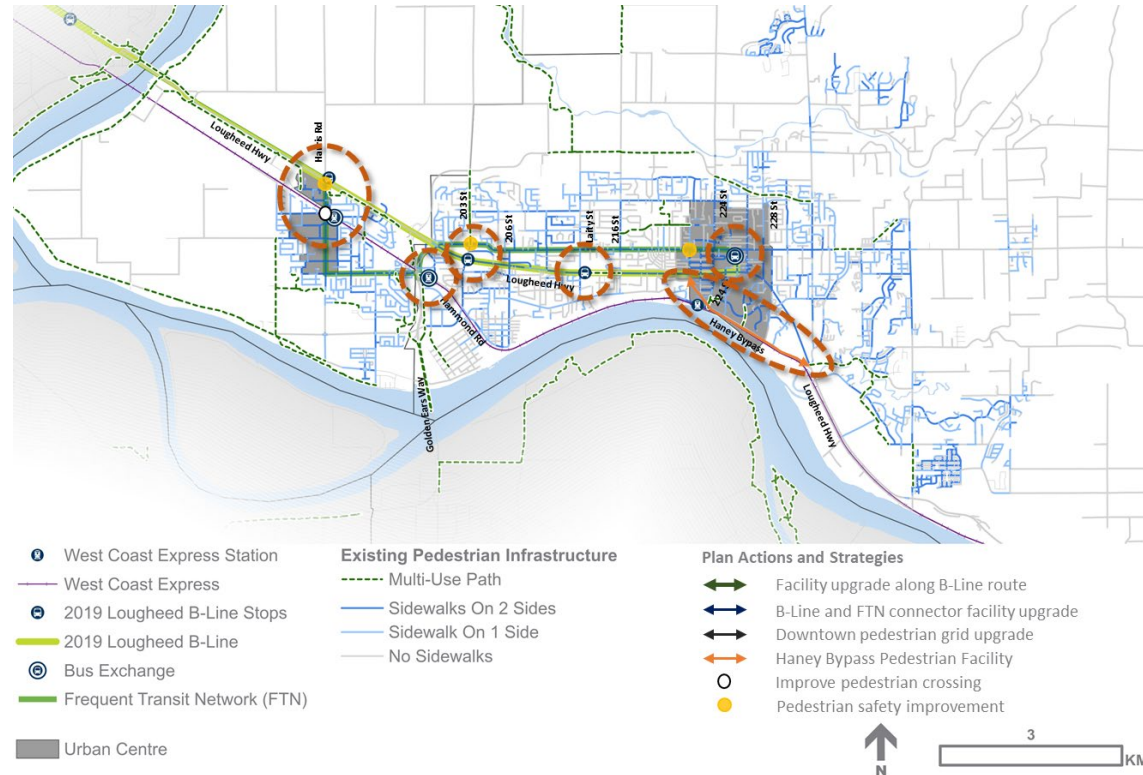
Strategy 1 Improve Walking Infrastructure to Transit

Strategy 2 Improve Walking within Urban Centres



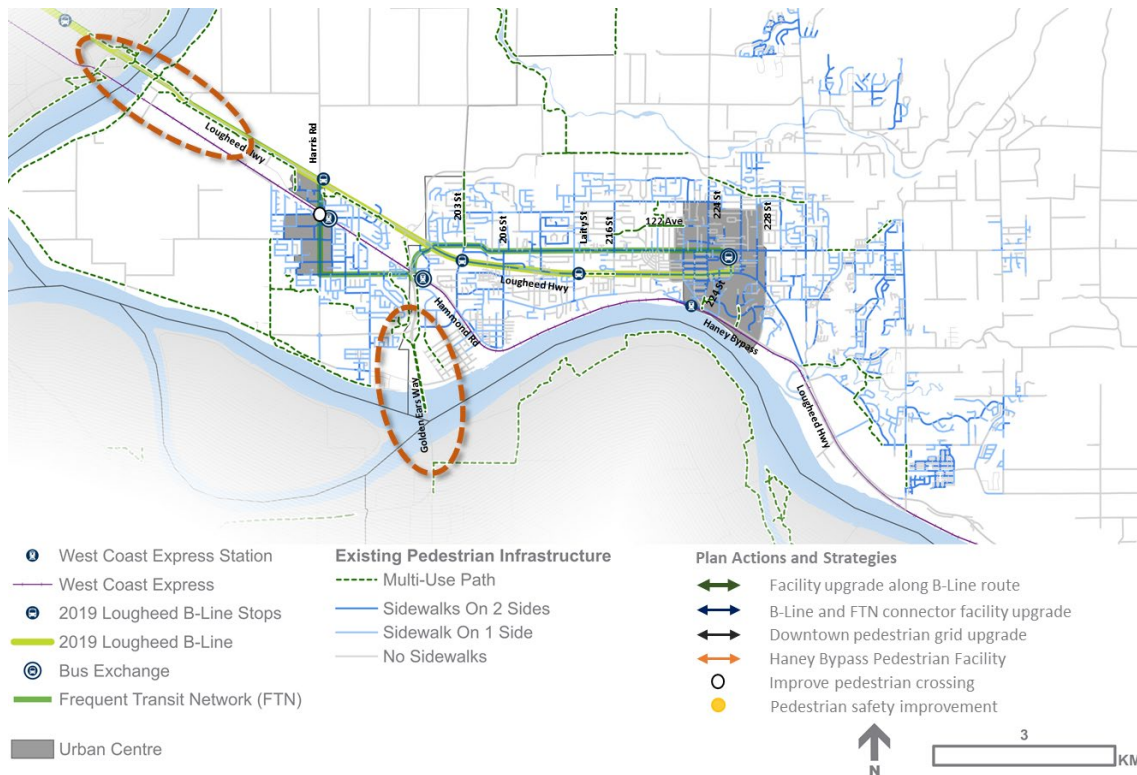
Walking Strategies

- Strategy 1** Improve Walking Infrastructure to Transit
- Strategy 2** Improve Walking within Urban Centres
- Strategy 3** Support a Safe and Accessible Regional Pedestrian Network



Walking Strategies

- Strategy 1** Improve Walking Infrastructure to Transit
- Strategy 2** Improve Walking within Urban Centres
- Strategy 3** Support a Safe and Accessible Regional Pedestrian Network
- Strategy 4** Connect the pedestrian network to regional gateways



Walking Strategies

- Strategy 1** Improve Walking Infrastructure to Transit
- Strategy 2** Improve Walking within Urban Centres
- Strategy 3** Support a Safe and Accessible Regional Pedestrian Network
- Strategy 4** Connect the pedestrian network to regional gateways
- Strategy 5** Support programs that encourage walking



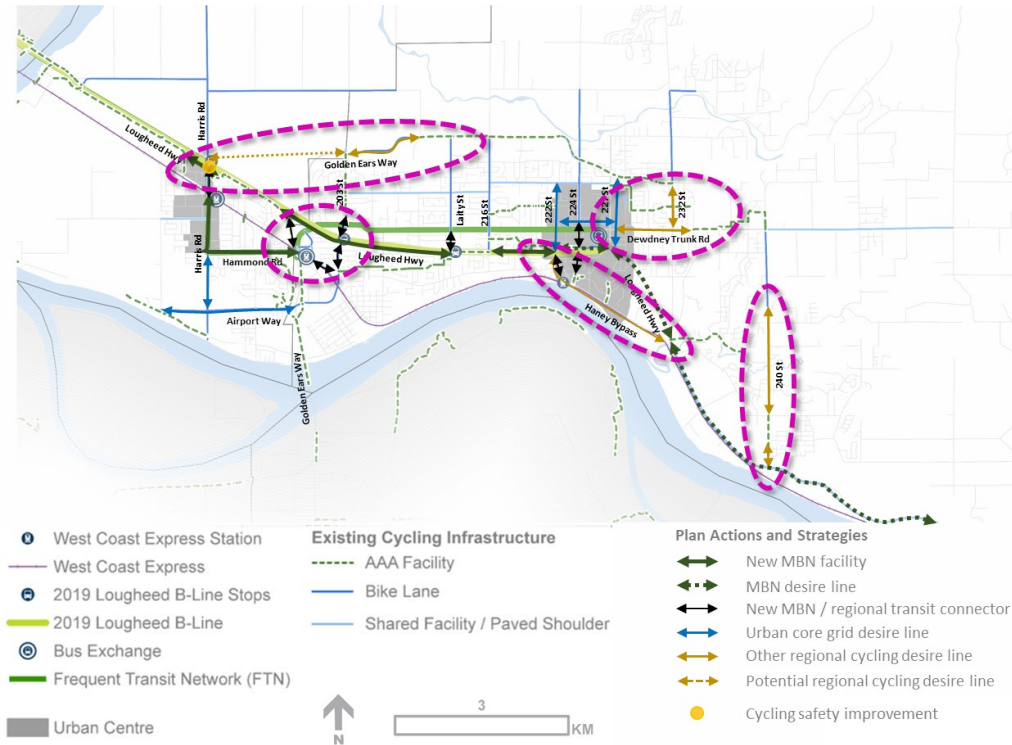
Public Feedback on Cycling Strategies

**Ranked in order of survey results*

- Strategy 1** Connect the **Major Bike Network** spine to urban centres, public transit, major employment areas, and residential neighbourhoods
- Strategy 2** Support a **safe** regional cycling network
- Strategy 3** Complete the **Major Bike Network**
- Strategy 4** Provide **end-of-trip facilities** near transit, within urban centres, and major employment areas
- Strategy 5** Develop a robust **local cycling network**
- Strategy 6** Support **policies and programs** that encourage cycling

Cycling Strategies

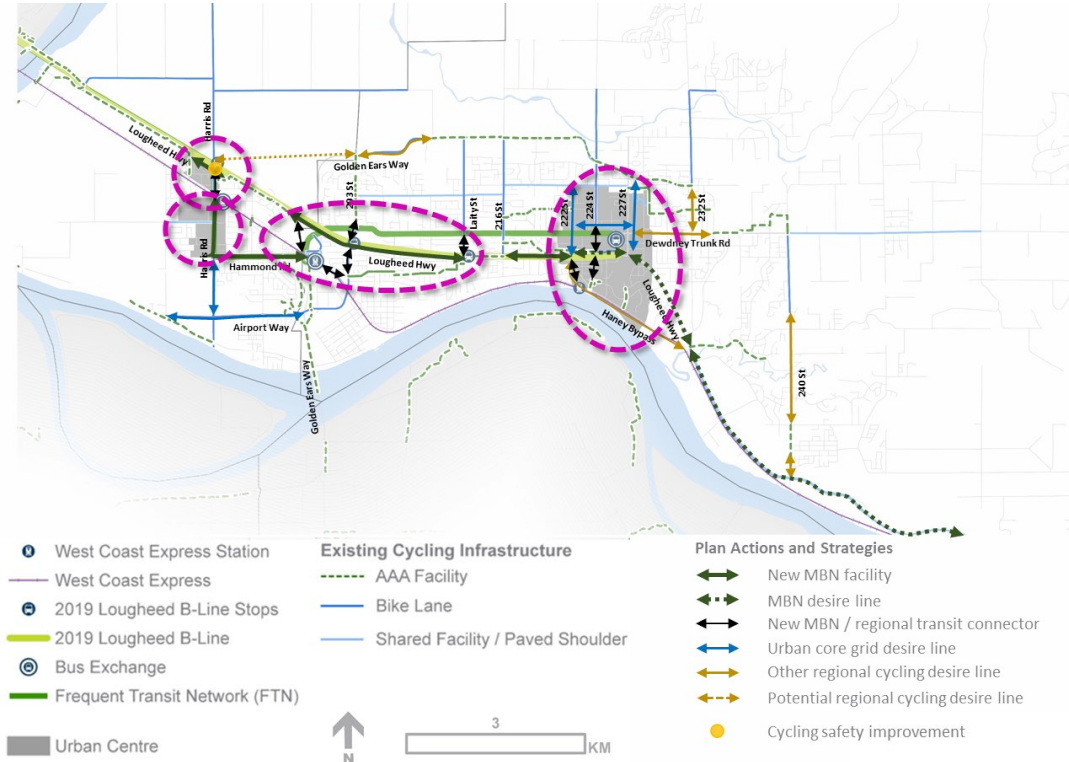
Strategy 1 Connect the Major Bike Network to major employment and residential areas



Cycling Strategies

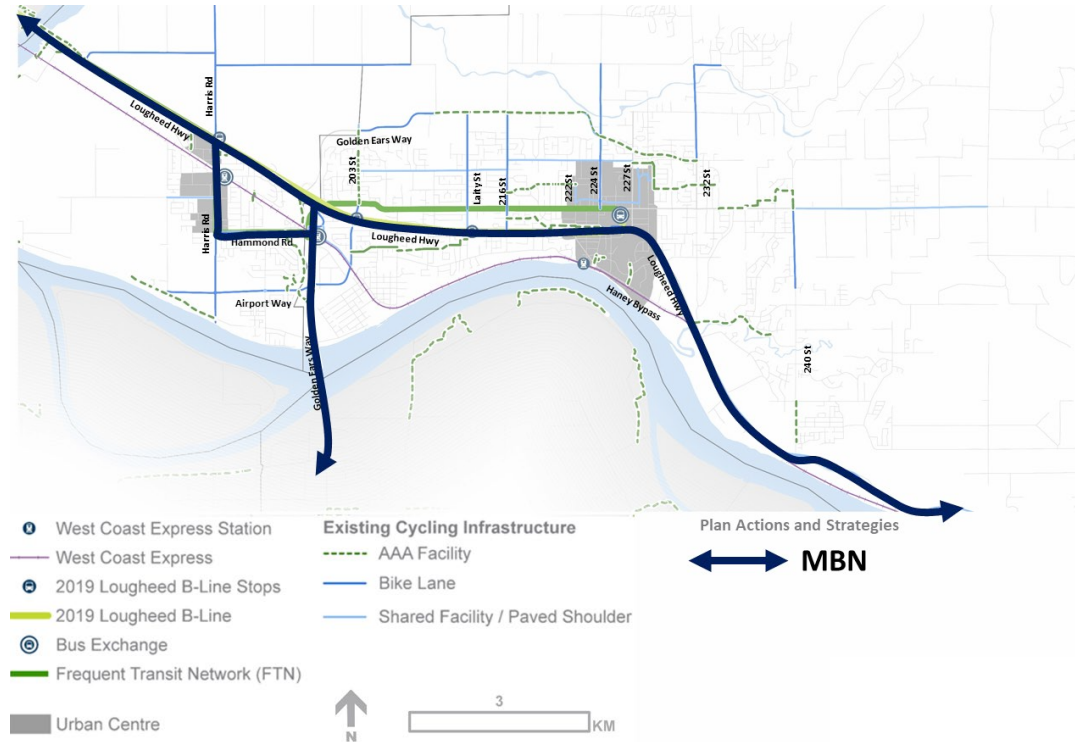
Strategy 1 Connect the Major Bike Network to major employment and residential areas

Strategy 2 Support a safe regional cycling network



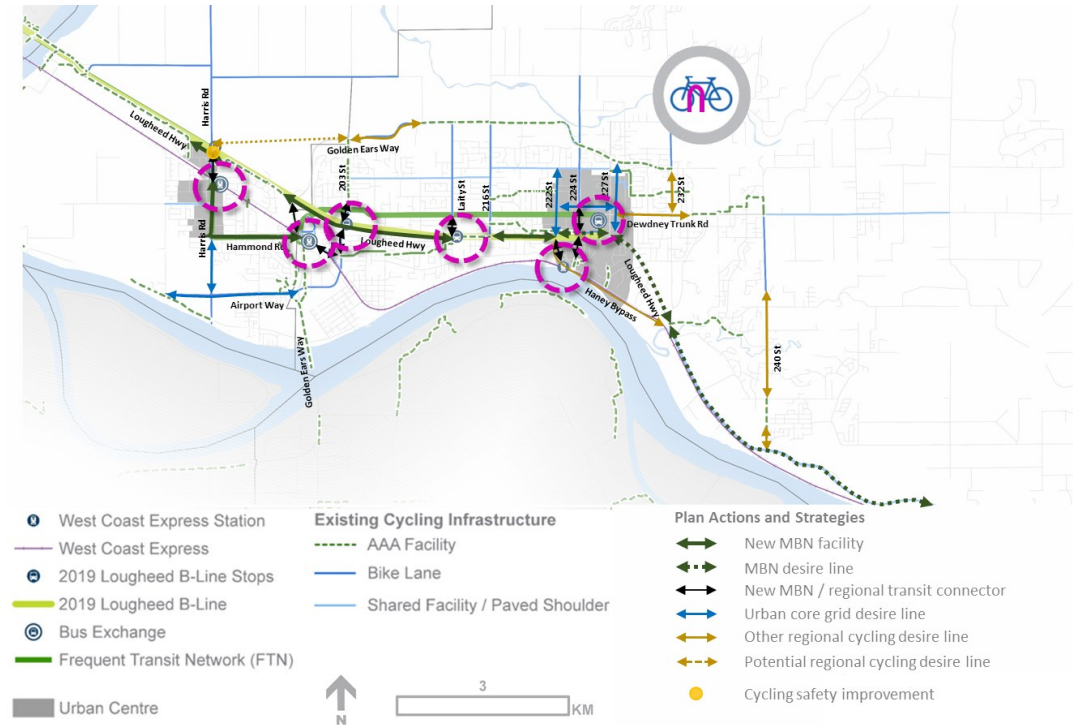
Cycling Strategies

- Strategy 1** Connect the Major Bike Network to major employment and residential areas
- Strategy 2** Support a safe regional cycling network
- Strategy 3** Complete the Major Bike Network



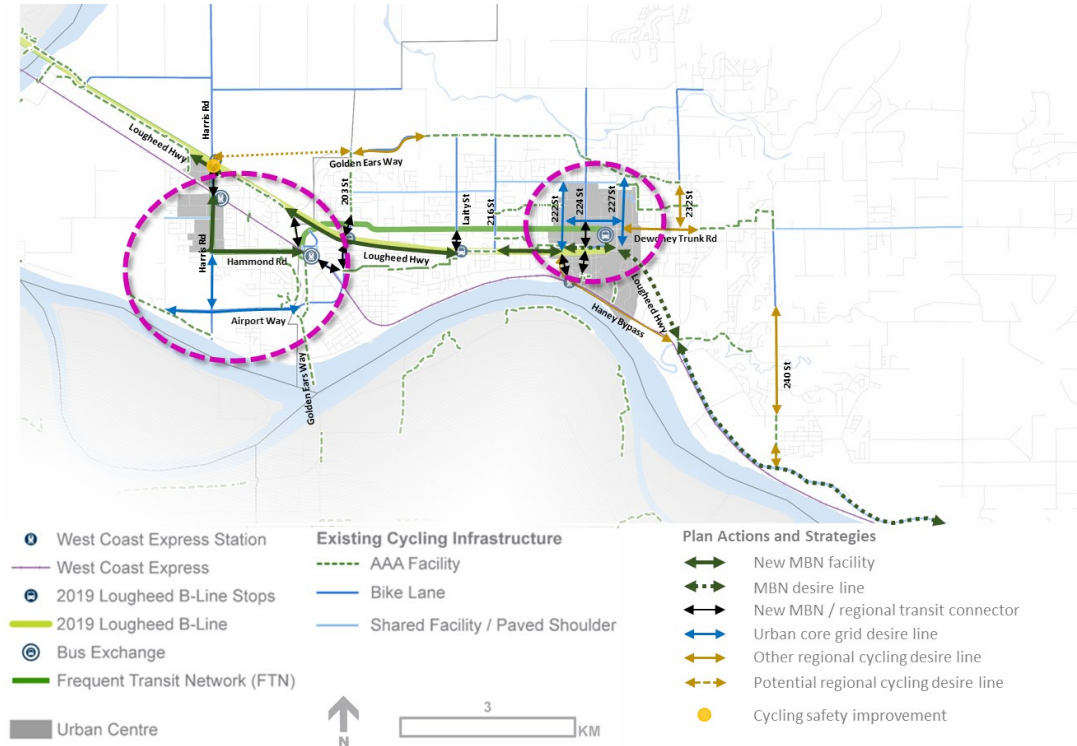
Cycling Strategies

- Strategy 1** Connect the Major Bike Network to major employment and residential areas
- Strategy 2** Support a safe regional cycling network
- Strategy 3** Complete the Major Bike Network
- Strategy 4** Provide end-of-trip facilities near transit, within urban centres and major employment areas



Cycling Strategies

- Strategy 1** Connect the Major Bike Network to major employment and residential areas
- Strategy 2** Support a safe regional cycling network
- Strategy 3** Complete the Major Bike Network
- Strategy 4** Provide end-of-trip facilities near transit, within urban centres and major employment areas
- Strategy 5** Develop a robust local cycling network



Cycling Strategies

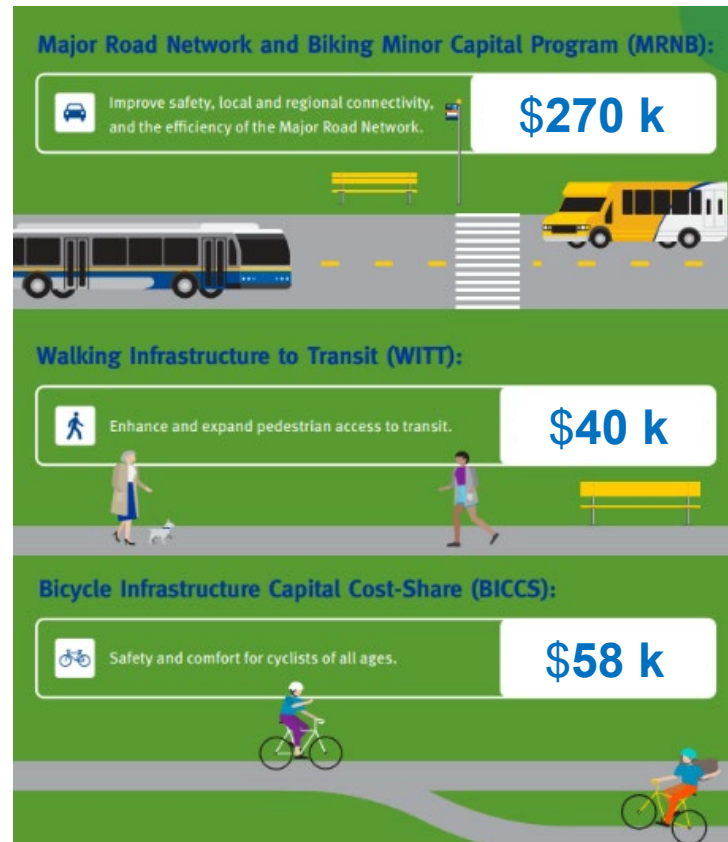
- Strategy 1** Connect the Major Bike Network to major employment and residential areas
- Strategy 2** Support a safe regional cycling network
- Strategy 3** Complete the Major Bike Network
 - Provide end-of-trip facilities near transit, within urban centres and major employment areas
- Strategy 5** Develop a robust local cycling network
- Strategy 6** Support policies and programs that encourage cycling



Implementation

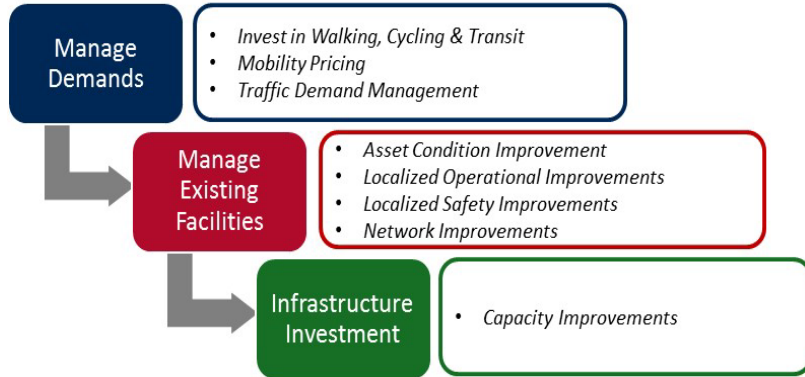
TransLink supports local projects through cost-sharing programs with municipalities

- Major Road Network and Biking (MRNB)
- Walking Infrastructure to Transit (WITT)
- Bicycle Infrastructure Capital Cost-Share (BICCS)
- Bus Speed & Reliability Program (BSR)
- B-Line Upgrade Program (*starting 2020*)

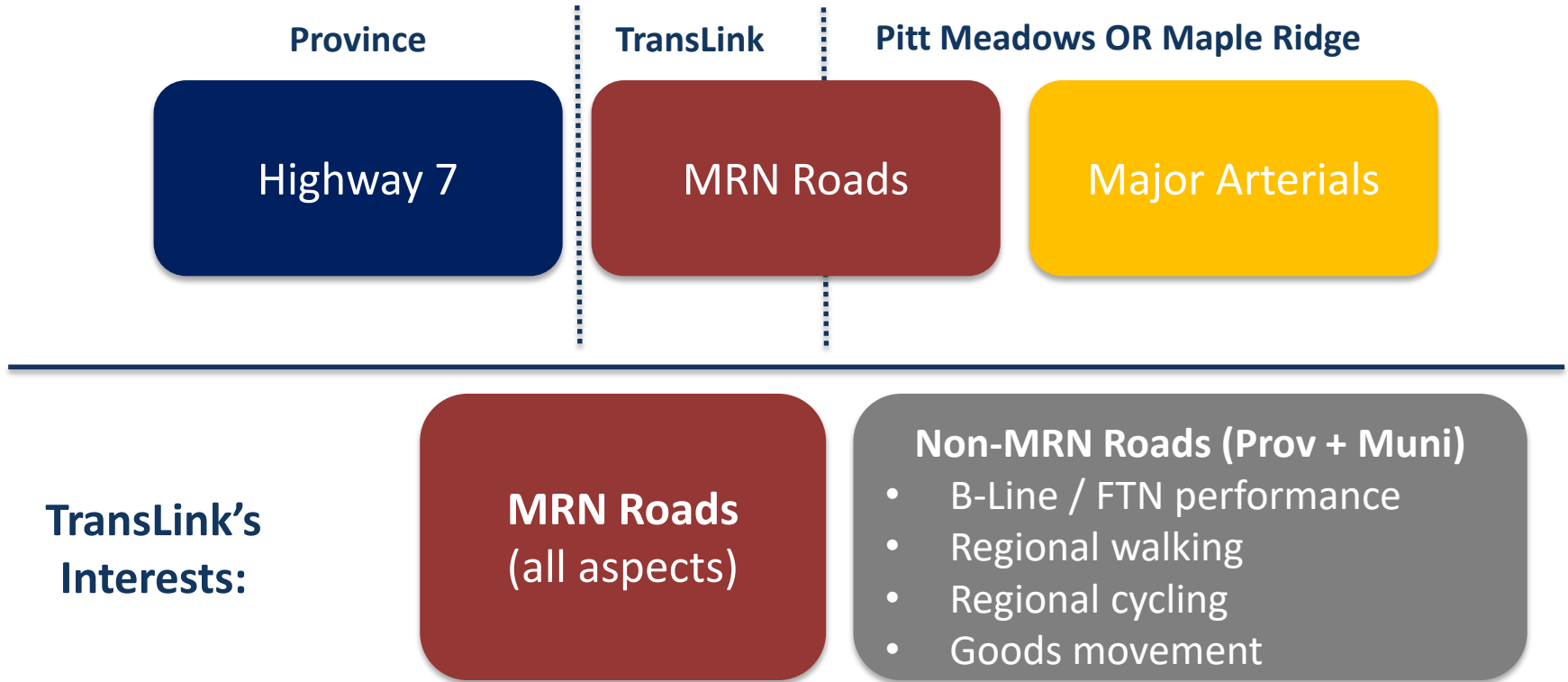


Regional Roads and Goods Movement Strategies

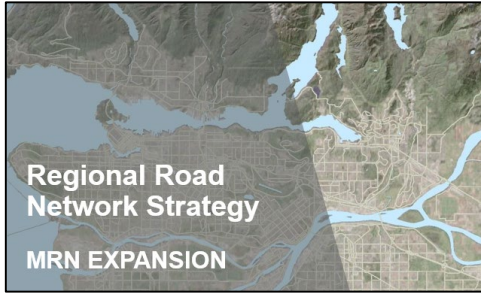
1. Manage Demands
2. Manage Existing Facilities
3. Infrastructure Investment



Regional Road Network Partner Agencies



Major Road Network *RRNS (in progress)*



- TransLink provides funding for the operations, maintenance, and rehab of the MRN
- TransLink shares in the cost for road, bike, and pedestrian improvements on the MRN – including Transit Priority Measures.

MRN Objectives

Screening & Evaluation

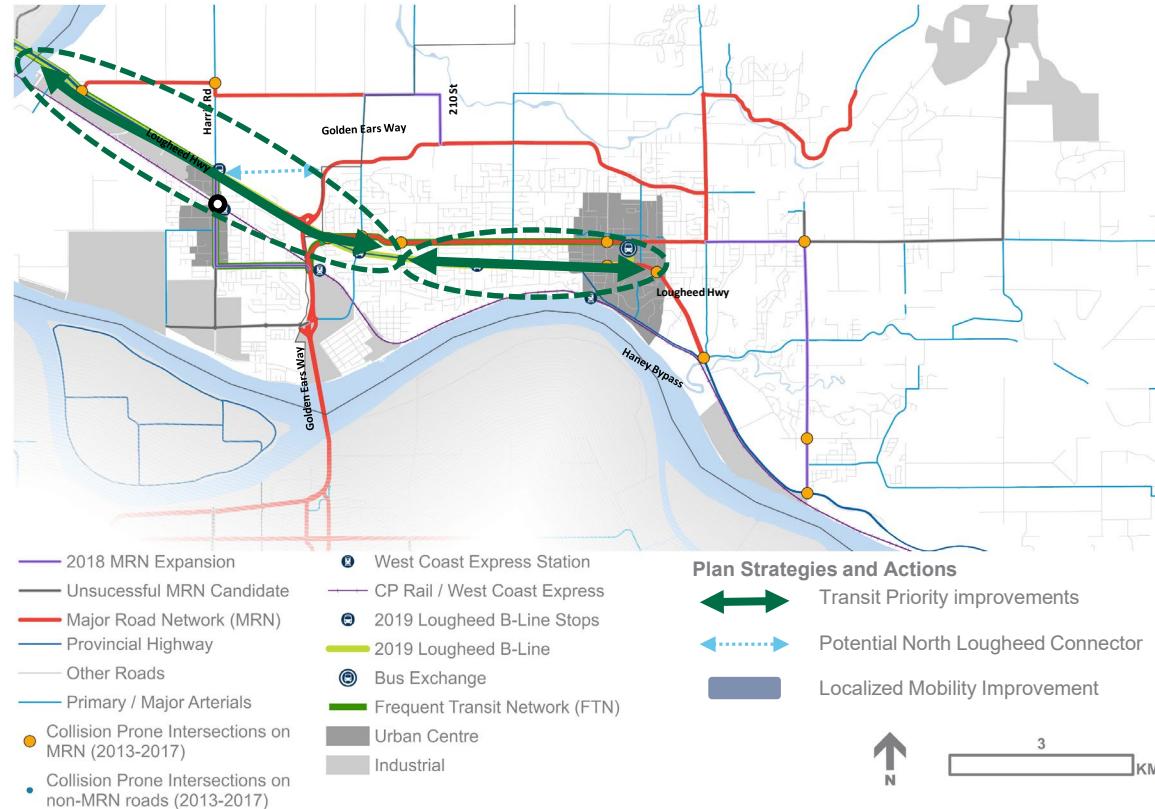
1. Facilitates intra-regional travel of people and transportation of goods.
2. Connects regionally significant destinations.
3. Forms an interconnected and complete network.
4. Moves high volumes of general-purpose vehicles, transit passengers and / or trucks.

Monitoring

5. Maximizes safety of travel
6. Maintains road and bridge structure conditions in a state of good repair to support all modes
7. Minimizes adverse impacts to adjacent neighbourhoods
8. Expands over time to meet the needs of a growing population and economy

Regional Roads and Goods Movement Strategies

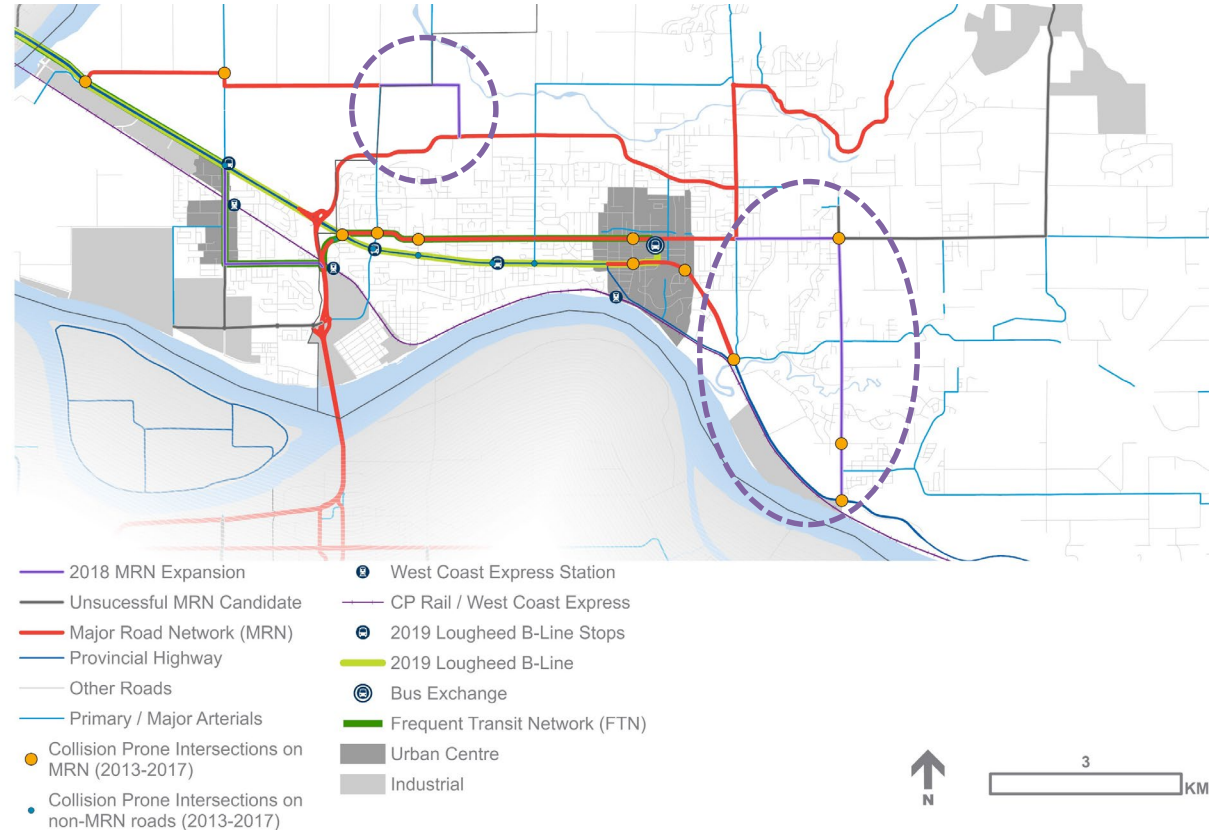
Strategy 1 Manage Demands



Regional Roads and Goods Movement Strategies

Strategy 1 Manage Demands

Strategy 2 Manage Existing Facilities

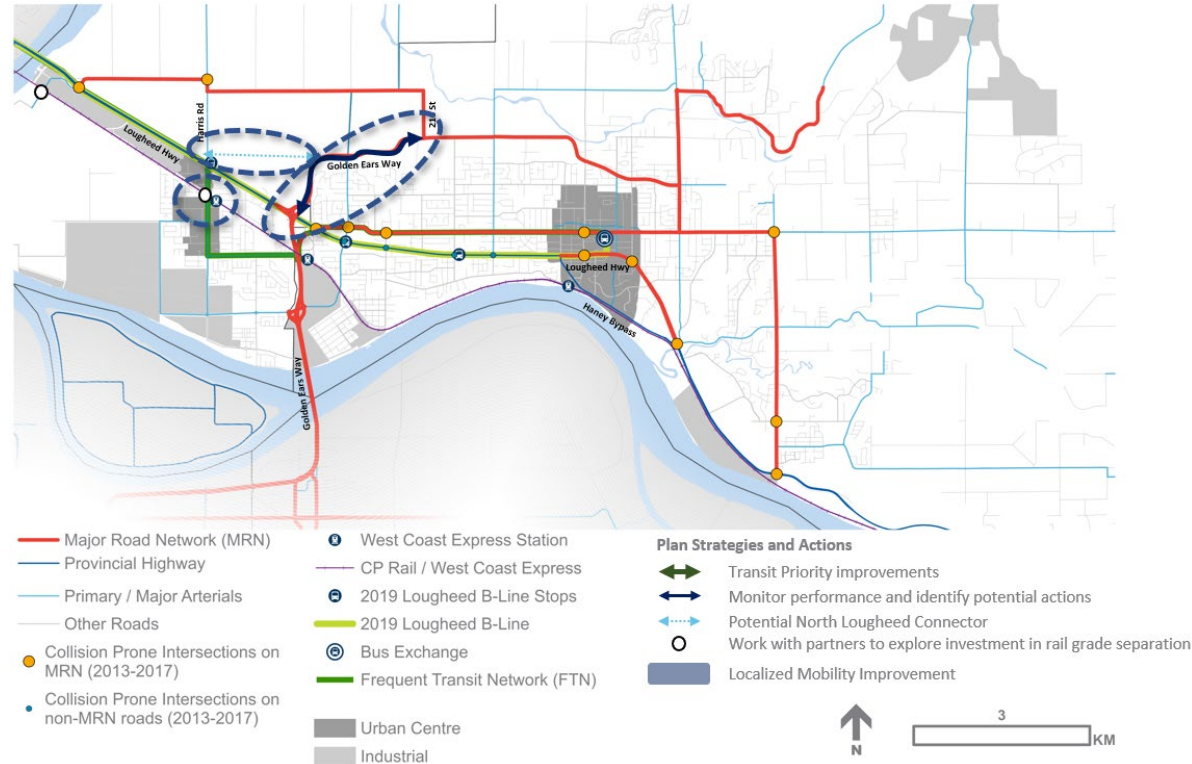


Regional Roads and Goods Movement Strategies

Strategy 1 Manage Demands

Strategy 2 Manage Existing Facilities

Strategy 3 Infrastructure Investment



Long-Term Loughheed Corridor Transit Study



Study evaluating potential for **long-term transit growth** along the Loughheed Highway corridor

Alternatives being evaluated:

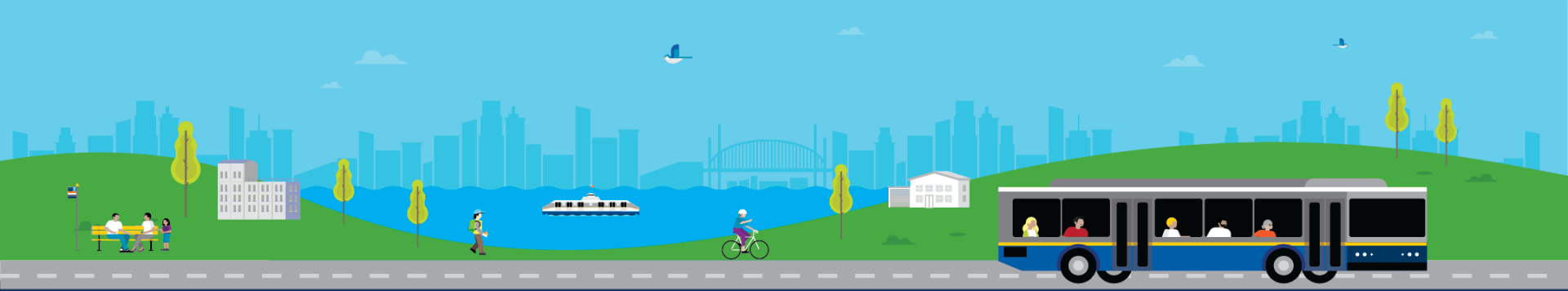
- B-Line
- Light Rail
- Bus Rapid Transit
- SkyTrain

Results will feed into **Transport 2050**

Next Steps

Area Transport Plan

- Revise and Evaluate Strategies and Actions
- Identify Early Actions
- City Council Review Draft report (August/September)



Thank you

City of Pitt Meadows
July 9, 2019

Resource Slides