

City of Mission - April 2025 Fall 2024 ETF Trail Update Survey Report:



Executive Summary

This 3 km section of the Canyon to Coast trail connects the City of Mission to the major trail at Riverside Street at the centre of Matsqui Trail Regional Park. The trail gains the newly built Mission Bridge via the onramp onto wide multi use protected Bike lanes on the bridge. On the north side of the Fraser, work is required to direct riders off the bridge and is likely to be developed in conjunction with the major waterfront development plans. The route currently links under the bridge with a previously planned and likely completed Active Transportation trail along Horne Creek. Creating usable bike routes within the City of Mission will be critical to implementing future Coast to Canyon trail ambitions on the north side of the Fraser River.

Trail Quality Assessment Methodology

- Trail quality is both objective and subjective. Attributes such as trail width and surface type are easily measured, but rider comfort or scenic quality are harder to measure. Primarily the trail was developed to be beside or in view of the Fraser River and allow for a contiguous route from the mouth of the Fraser River to Hope.
- The trail route was developed from a number of sources including; GIS data from the Regional District's 2010 planning projects, Community meetings over 2021, Published Community Cycling Maps, Open Street Map, Google Maps, and the Fall Bike Route Survey (1238 Data Locations and 2000+ Photos captured).
- Trail Quality Classification Methodology

Ideal Trail: scenic, paved, wide, separate from walkers and cars (includes bike lanes separated from road traffic by a barrier)	10	Ideal Road: scenic, well-marked bike lanes, room to bike, minor road	5
Poor Scenic Characteristics	-1	Poor Scenic Characteristics	-1
Gravel	-1	No Bike Lane Lines/markers	-1
Narrow, not enough for two bikes	-1	No Shoulder	-1
Speed limitations, pedestrian area	-1	Major Road/Heavy Traffic	-1



Trail Survey: General Recommendations and Conclusions

- As a general rule place trail signs before intersections or viewable from a far enough distance for a bike rider to see before turning.
- In most cases use of a larger pole mounted 22x34 cm sign with a directional arrow is recommended. Smaller wood post mounted signs 12.7x19.7 cm and signs without directional arrows should only be used for confidence markers where the route is obvious

Summary of Current Trail: City of Mission

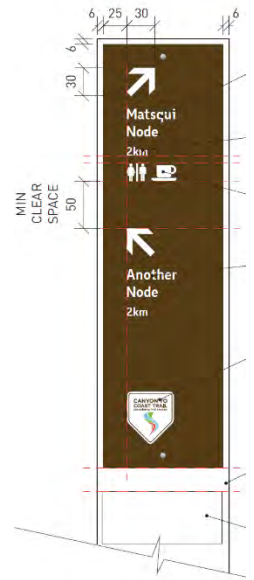
- Section Length **2.8 km** – with 2.3 km of Planned Trail
- 10** Signs Needed Locations: **19 signs** recommended
- 1** Potential Enhancement Projects Identified, **1** Map Sites recommended
- Length of Trail (km) by Class**

TRAIL	km	ROAD	km
Ideal Trail 10	0	Ideal Road 5	0
Class 9	0	Class 4	0
Class 8	1.8	Class 3	0
Class 7	0	Class 2	1.0
Class 6	0	Class 1	0

Map Linked Signage Details

- **Sign Location 1:** A detailed route map sign here would be useful for the connection to Mission.
- **Sign Location 2:** Access onto the Mission bridge is already present on the North side of HWY 11.
- **Sign Location 3:** Map shows the trail on one side of the bridge travelling to Mission but the access the New Mission bridge has cycling options on both sides. It isn't clear if there is a plan to add access to the main Canyon to Coast Trail travelling away from Mission (east).
- **Sign Location 4:** Discussions with the City of Mission, and their future Waterfront development plans, indicated that there was a desire to create a bike off ramp at this location, taking the trail under the bridge . A connection on the other side is not shown but would make single direction travel possible over the bridge.
- **Sign Location 6:** The route connects to a planned trail that may already be built along Horne Creek.
- **Potential Project: Location 4-5:** Creating a connection to the Bridge at this location is critical to creating an easy and usable connection between the Canyon to Coast Trail. This
- **Waterfront Development:** This major development would be tremendously beneficial to the Canyon to Coast and Trans Canada Trail and improve connections to the city. I have identified two (4: Downtown Connector and 2: Route off and Under the Bridge) of the proposed Bike Trail improvements on the map but I suspect there will be numerous enhancements.

<https://storymaps.arcgis.com/stories/b2f165ea4820494eb4c91d8d4d4dbb2b5>





Experience The Fraser Fall 2024 Bike Trail Survey Map

Signs and Potential Projects

City of Mission: Map 1 of 1

Potential Site for Detailed Map

Sign Type

- SignExisting
- SignNeeded

Route Class

- 10 Trail
- 9 Trail
- 8 Trail
- 7 Trail
- 4 Road
- 3 Road
- 2 Road
- Planned

East and West on Signs indicate general direction of travel

EAST
 WEST

The Map Data may contain inaccurate or incomplete information due to the passage of time, changing circumstances, sources used and the nature of collecting comprehensive geographic data, any of which may lead to incorrect results. This Map Data is provided to client "as is", and client agrees to use it at its own risk. This product is for informational purposes and may not have been prepared for or be suitable for legal, engineering or surveying purposes.

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