

City of Pitt Meadows - February 1, 2024 Fall 2022 ETF Bike Trail Survey Report:



Executive Summary

This 13-kilometer section of the ETF trail starts at the Pitt River Bridge and runs along the Pitt Meadows Regional Greenway, through Harris Landing Park, ending at the Fraser River crossing at Golden Ears Bridge. This is an excellent section of the trail on mostly gravel dykes along the Pitt and Fraser Rivers. This section has been signposted with 18 identified existing ETF sign locations and 13 additional locations suggested. Additional signage mostly is for clarity and user comfort, but some changes to existing signs are indicated. Four potential projects have been identified, one that is Kiosk/Information based and three that focus on trail section improvements.

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 Pitt Meadows

- Section Length **12.86 km**
- 18** Existing and **13** Needed Signs Locations: 20 signs recommended
- 4** Potential Enhancement Projects Identified, **2** Map Sites recommended
- Length of Trail (km) by Class**

TRAIL	km	ROAD	km
Ideal Trail 10	1.3	Ideal Road 5	0
Class 9	9.0	Class 4	.2
Class 8	.9	Class 3	.9
Class 7	.06	Class 2	.5
Class 6	0	Class 1	0



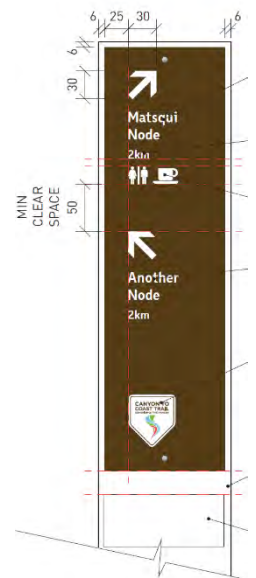
Map Linked Signage Details

- Sign types recommended at each location are shown on the map and labelled numerically. Some sign locations require detailed explanations. Those sign details are listed here.
- **Sign Location 1:** There are some markers here but this is a major intersection of trails so a ETF map here would be great. This is also a good place to stop before/after Pitt River Bridge.
- **Sign Location 7:** These wood km markers could have a ETF marker added but it is a lower priority.
- **Sign Location 10:** Seems to be a temporary section off the dyke here but a sign would be nice to reassure users. Also, this section is narrow/one way so a caution sign for this might be indicated here on this empty pole.
- **Sign Location 14:** The route along the river in Harris Landing Park is restricted to walking but the ETF trail indicates this is the route. Suggest turning eastern going cyclists left up on the dyke. Sign could also be on the information kiosk and have a bike marker added.
- **Sign Location 16:** ETF sign missing, should be replaced with a right turn for easterly travel.
- **Sign Location 17:** Outhouses here and confusing signage a straight arrow would help users.
- **Sign Location 18:** Travelling west current sign still indicates going on walking trail but it is restricted for cyclists suggest replacing this with right turn.
- **Sign Location 20:** Confusing here travelling west. Good post to keep cyclists left, note the slow sign because of pedestrians.
- **Sign Location 21:** Access point here and new sign at Shoreline Park would help users joining or leaving the trail here.
- **Sign Location 24:** There is a marker here to turn left going west but you really need to cross the road here on to get onto the bike lane. Maybe a sign that says cross to bike lane on an ETF sign would be great.
- **Sign Location 27, 31:** This is a slightly confusing intersection and the existing signs are small. Easy to keep travelling and miss this turn heading east. Suggest signs on the railings on either side of the street.
- **Sign Location 30:** Start of the Wildwood trail and a good stopping point makes a good location for a map of the ETF trail route. Connecting into Maple Ridge or over the Golden Ears bridge makes sense to review route here.



Map Linked Potential Project Details

- Potential projects were identified while riding on the trail and are mainly focused on improvements to the route but also include some areas for interpretive/history type projects.
- **Potential Project A:** This busy road in front of Halo sawmill could potentially be improved by a dedicated trail or bike lane.
- **Potential Project B:** There is construction on the dyke so trail traffic is directed below the dyke onto a trail. This section is narrow and somewhat sandy making bidirectional traffic difficult. If this section is to stay this way improving the surface and width of the lower trail would be beneficial.
- **Potential Project C:** Beautiful boardwalk site here on the Fraser. Could be used for interpretive signage or Indigenous recognition.
- **Potential Project D:** Section of wide road leaving/joining the Fraser River along Bonson Road would benefit from Bike Lane upgrading. Even a painted shoulder would improve this section.

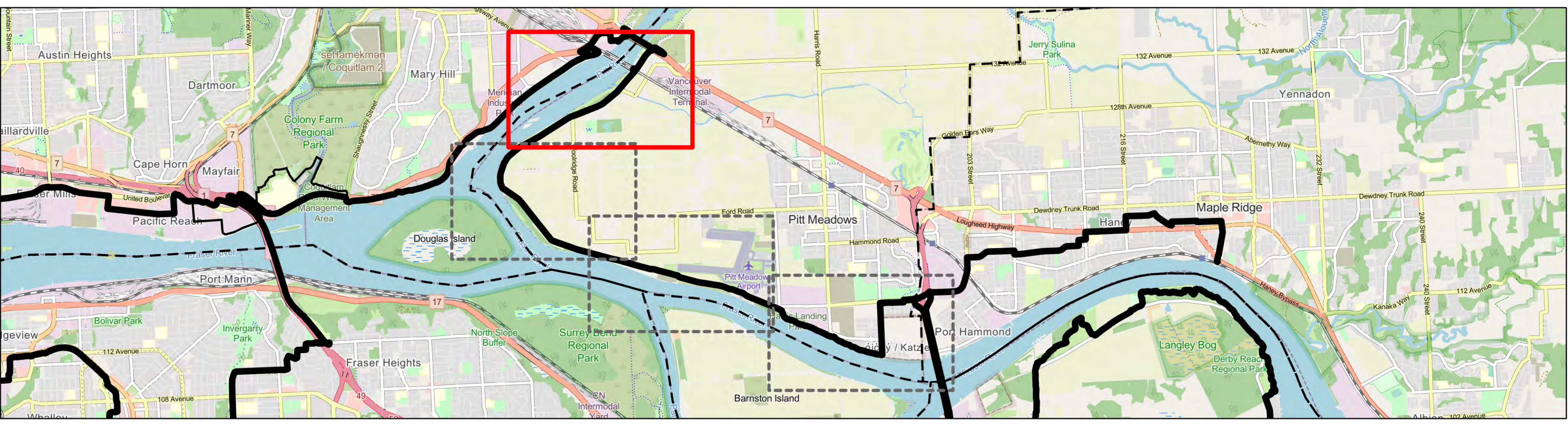
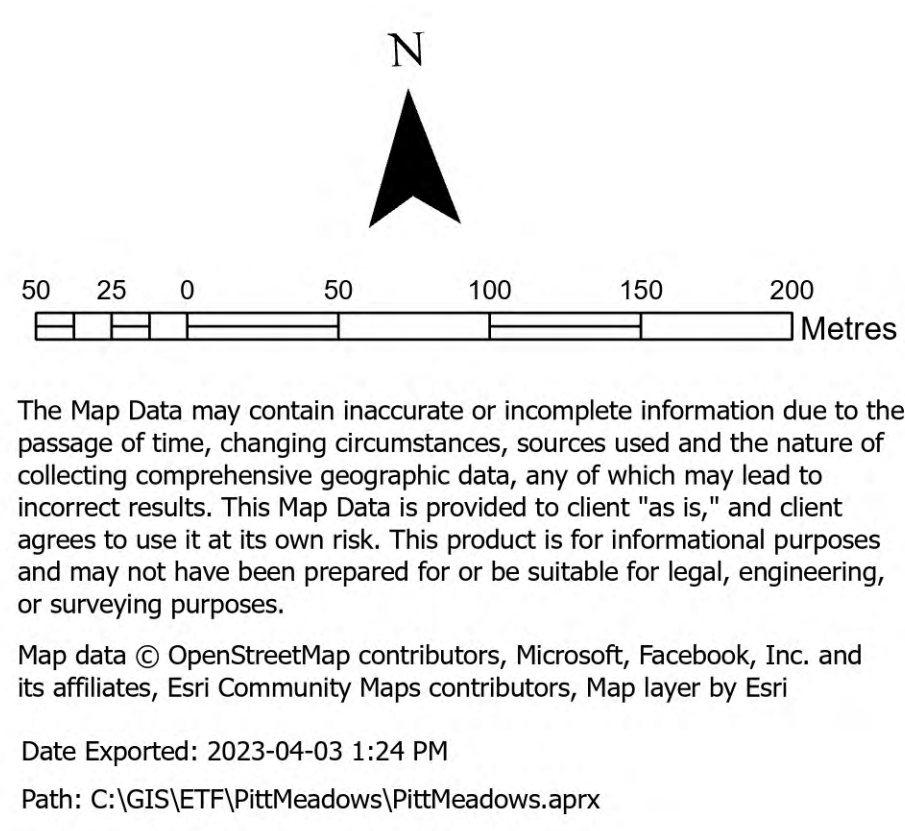




Experience The Fraser Fall 2022 Bike Trail Survey Map
Signs and Potential Projects
City of Pitt Meadows: Map 1 of 4

- ★ Potential Project Site
- ▲ 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





Experience The Fraser Fall 2022 Bike Trail Survey Map
Signs and Potential Projects
City of Pitt Meadows: Map 2 of 4

- ★ Potential Project Site

▲ Potential Site for Detailed Map

Sign Type

● SignExisting

● SignNeeded
- Route Class

10 Trail

9 Trail

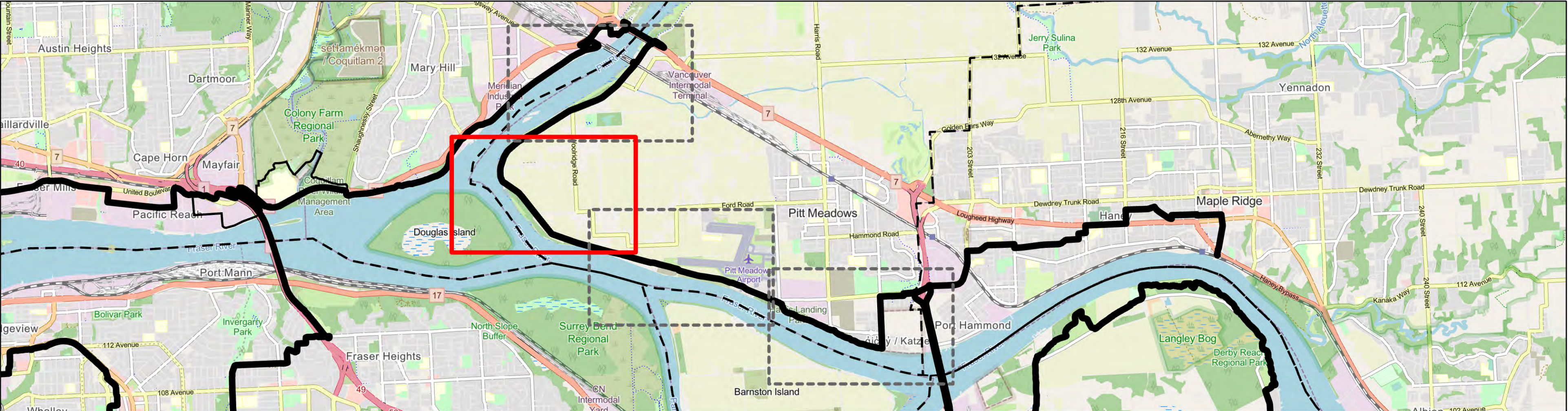
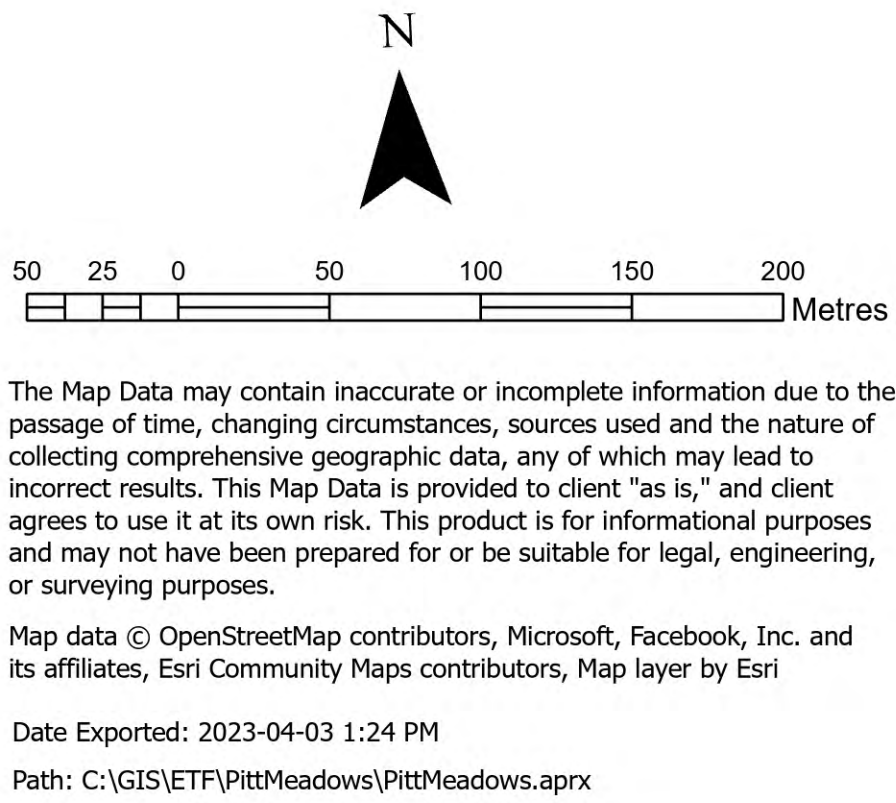
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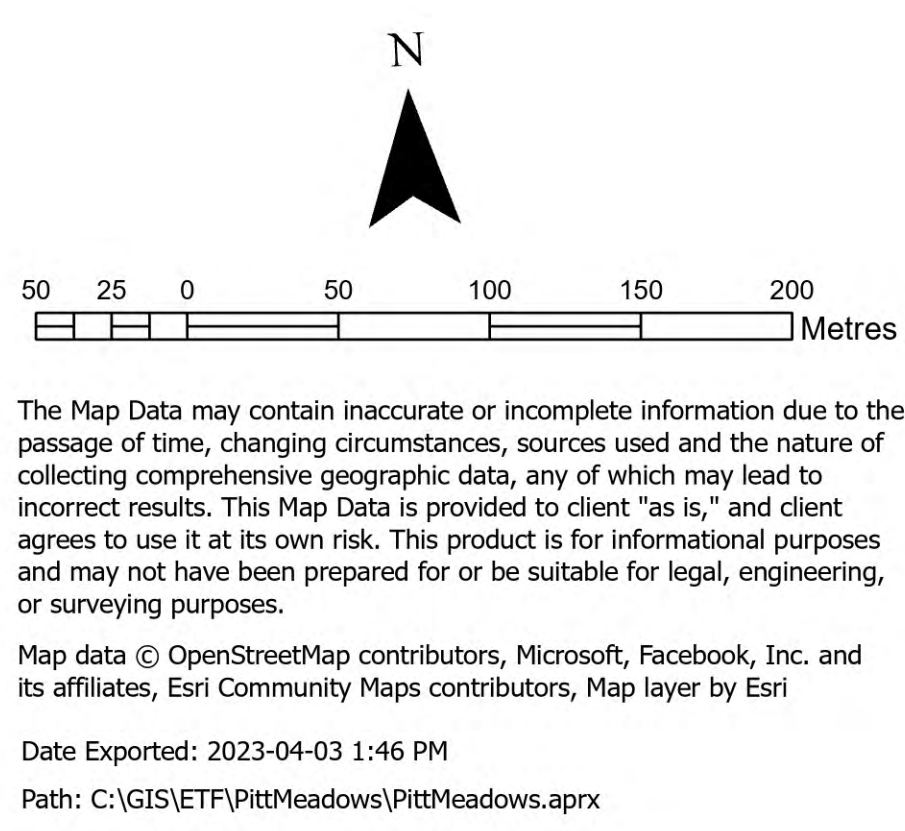
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Experience The Fraser Fall 2022 Bike Trail Survey Map
Signs and Potential Projects
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