

Executive Summary

This 10-kilometre section of trail starts heading east on the Canada Line Sky Trail Bridge over the Fraser River with amazing views and then follows an easy minor detour past the Marine Gateway Shopping mall up to East 63rd Ave. The bike route along East Kent South is a good mix of divided trail and wider quiet roads that drops down to trails along the river for the rest of the distance to the boundary with Burnaby. More than half of this route is on excellent trails or bike lanes and most of the recommended projects apply to challenging intersections that could be improved with better on street markings.

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
- Route Maps should be developed at key locations such as bridge crossings and major shifts in the complexity of the trail. The route maps will likely require their own pole/post installations.

Summary of Current Trail: City of Vancouver

- Section Length **9.7 km**
- 23** Signs Locations: **0** existing, **23** new locations and **37** additional signs recommended
- 5** Potential Enhancement Projects Identified, **2** Map Sites recommended
- Length of Trail (km) by Class

TRAIL	km	ROAD	km
Ideal Trail 10	.4	Ideal Road 5	0
Class 9	4.4	Class 4	1.2
Class 8	0	Class 3	.7
Class 7	0	Class 2	2.8
Class 6	0	Class 1	.15



Map Linked Signage Details

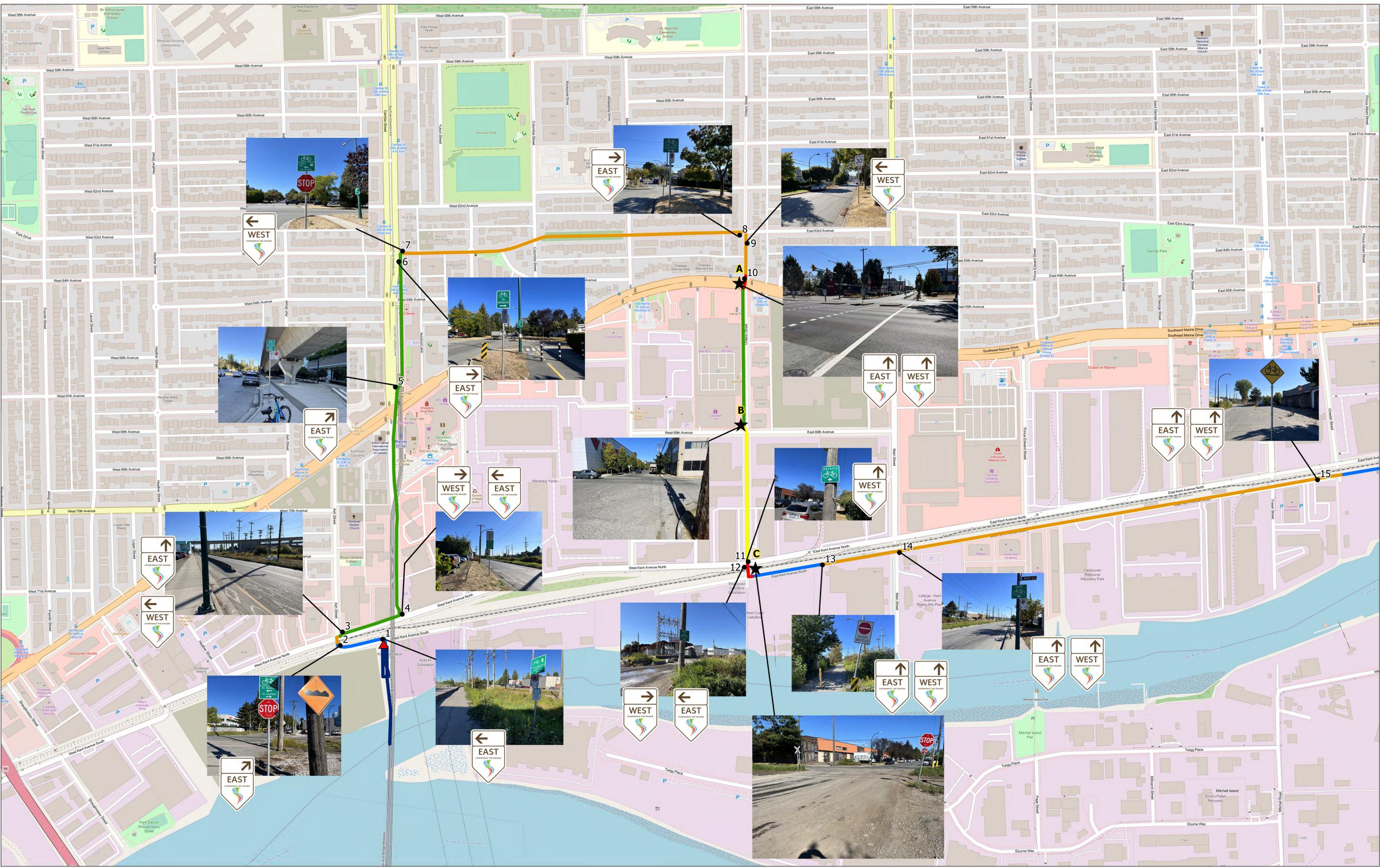
- Sign types recommended at each location are shown on the map and labelled numerically. Some sign locations require detailed explanations. Those sign details are listed here.
- **Sign Location 3:** Important left turn for users traveling west. Room on Green lamppost for signs.
- **Sign Location 4:** Riders will likely be tempted to stay on West Kent Ave North here so this sign is important. Perhaps improvements to this section could reduce the need for the bypass on East 63rd Ave.
- **Sign Location 18:** This right turn down to the river is against the commuter-based bike route but I feel like users would prefer to be back on the river. Very easy to miss this turn. Also need direction to make this turn in the west bound direction.
- **Sign Location 21 :** Cyclists are expected to use the road here. It is tempting to go on the gravel path in Gladstone Park so this is a key sign to go up onto East Kent Ave. North.
- **Sign Location 22:** You can get back onto the park because the mixed-use trail starts again 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 major intersection at Ontario St. and Southeast Marine Drive could be improved with painted bike lanes through the intersection or bike boxes for waiting at the lights.
- **Potential Project B:** Heading west on Ontario Street requires a diagonal crossing to the bike lane past West 69th Ave. Could be improved with some form of cycle crossing.
- **Potential Project C:** This intersection across the train tracks between East Kent Ave. North and East Kent Avenue South could use bike control marking on the road. It currently is difficult for riders to negotiate.
- **Potential Project D:** Crossing at train tracks between East Kent North and South could also use improvement with surface improvements and bike marking on the road surface.
- **Potential Project E:** Along Fraser River Trail District Gateway to Gladston Riverside Park there mixed-use walking biking path could be improved with surface marking to split riders and walkers.
- **Potential Project F:** Roots have grown into the asphalt trail surface here and could be reworked to improve users' safety and comfort.

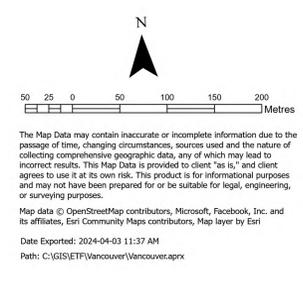


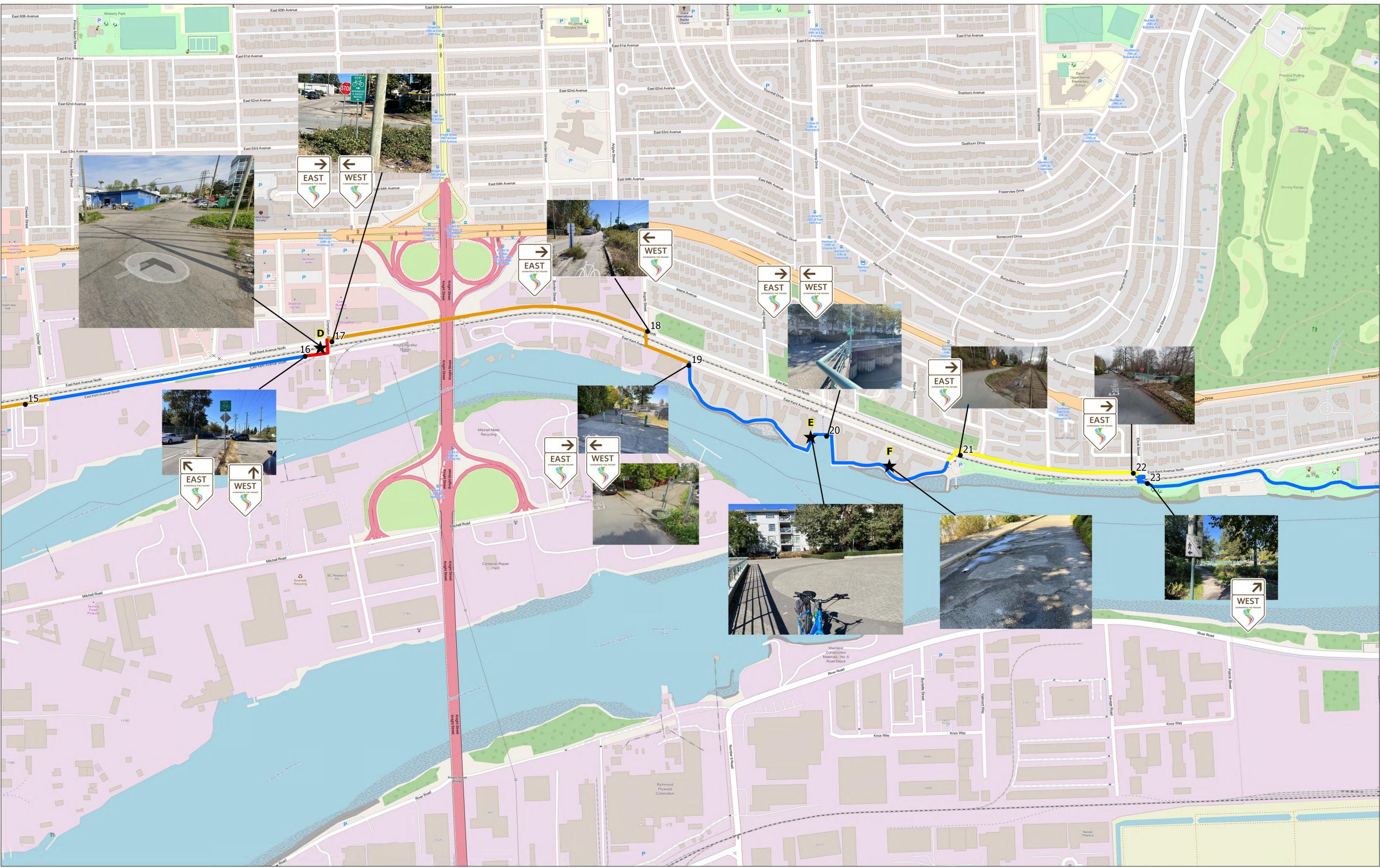


Experience The Fraser Fall 2022 Bike Trail Survey Map Signs and Potential Projects City of Vancouver: Map 1 of 3

- ★ Potential Project Site
- Sign Type
 - SignExisting
 - SignNeeded
- ▲ Potential Site for Detailed Map

ROUTECLASS_NUMBER	Color	Description
1	Red	1 Road
2	Orange	2 Road
3	Yellow	3 Road
4	Green	4 Road
7	Purple	7 Trail
8	Blue	8 Trail
9	Light Blue	9 Trail
10	Dark Blue	10 Trail

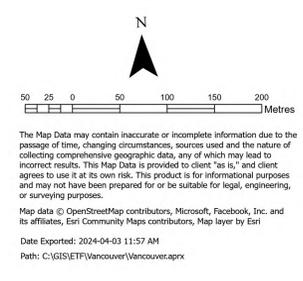


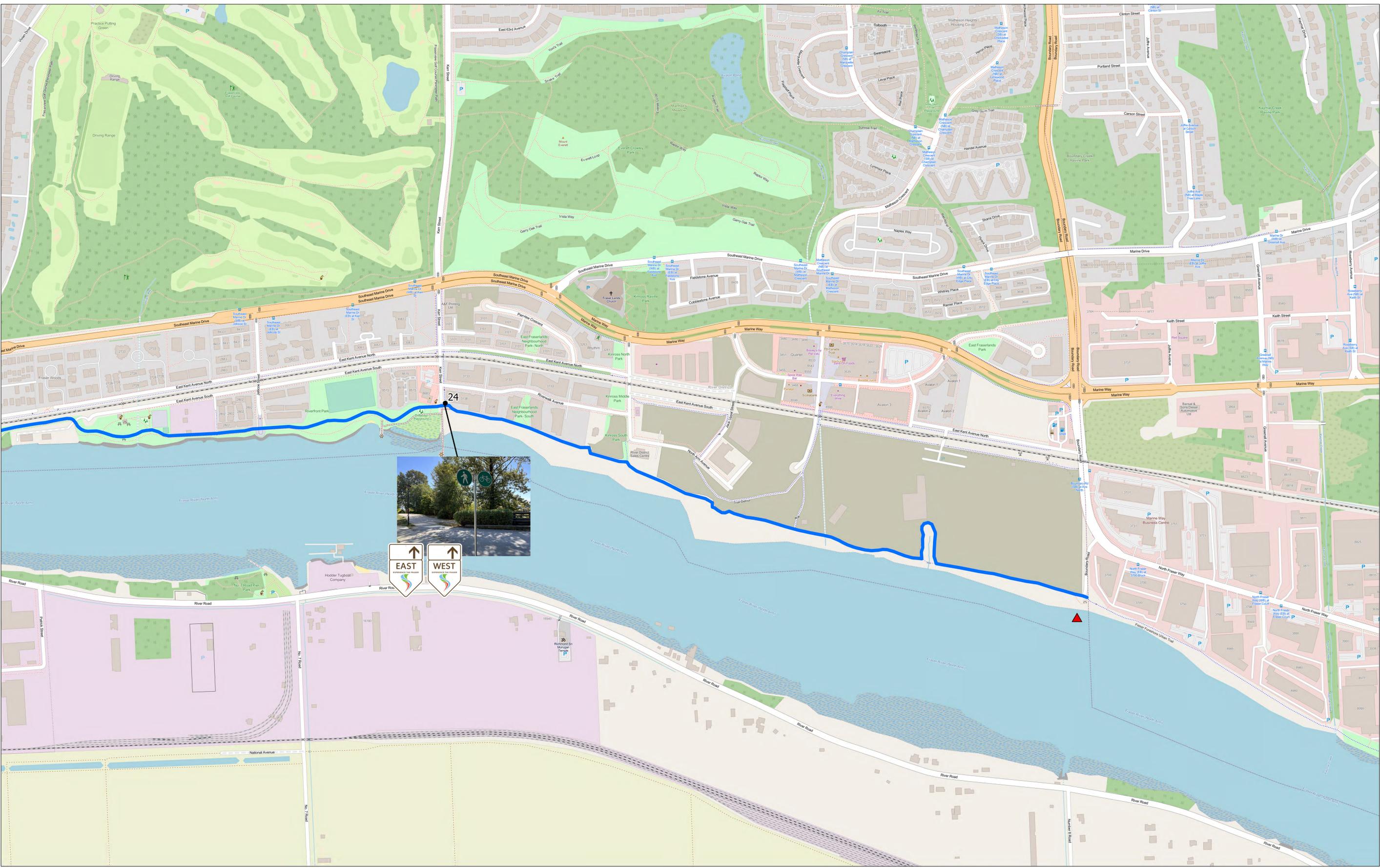


Experience The Fraser Fall 2022 Bike Trail Survey Map Signs and Potential Projects City of Vancouver: Map 2 of 3

- ★ Potential Project Site
 - Sign Type
 - Sign Existing
 - Sign Needed
 - ▲ Potential Site for Detailed Map
- | ROUTECLASS_NUMBER | Color | Description |
|-------------------|-------------|-------------|
| 1 | Red | 1 Road |
| 2 | Orange | 2 Road |
| 3 | Yellow | 3 Road |
| 4 | Light Green | 4 Road |
| 7 | Dark Green | 7 Trail |
| 8 | Light Blue | 8 Trail |
| 9 | Medium Blue | 9 Trail |
| 10 | Dark Blue | 10 Trail |

East and West on Signs indicate general direction of travel





Experience The Fraser Fall 2022 Bike Trail Survey Map

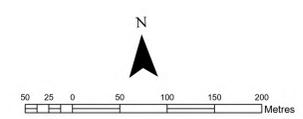
Signs and Potential Projects

City of Vancouver: Map 3 of 3

- ★ Potential Project Site
- Sign Existing
- Sign Needed
- ▲ Potential Site for Detailed Map

ROUTECLASS_NUMBER

1 Road
2 Road
3 Road
4 Road
7 Trail
8 Trail
9 Trail
10 Trail



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