



Executive Summary

This 27 kilometre section of trail starts on the existing Patullo Bridge heading east (currently being rebuilt) with more than half of the route on good quality trails and bike lanes following the BC Parkway. The route splits by the BC Lions practice field and can go east to the stunning view over the Port Mann Bridge or south through the heart of Surrey and then East onto the Green Timbers Trail joining with the Canyon to Coast Trail at the south side of the Golden Ears Bridge. These two routes create the possibility of two looping routes and also allow users to access the many ammonites and attractions of Surrey. It is obvious when using the bike routes in Surrey that a great deal of work has already been to make this area bike friendly. Adding ETF signage will make this area accessible to Canyon to Coast trail users.

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

<b>Ideal Trail:</b> scenic, paved, wide, separate from walkers and cars (includes bike lanes separated from road traffic by a barrier)	10	<b>Ideal Road:</b> 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 Surrey

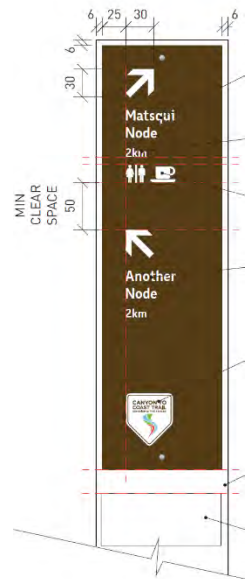
- Section Length **27.3 km**
- 80** Signs Locations: **0** existing, **80** new locations and **102** additional signs recommended
- 3** Potential Enhancement Projects Identified, **4** Map Sites recommended
- Length of Trail (km) by Class

TRAIL	km	ROAD	km
<b>Ideal Trail 10</b>	2.2	<b>Ideal Road 5</b>	0
<b>Class 9</b>	15.6	<b>Class 4</b>	2.0
<b>Class 8</b>	2.3	<b>Class 3</b>	2.2
<b>Class 7</b>	1.0	<b>Class 2</b>	2.0
<b>Class 6</b>	0	<b>Class 1</b>	0



## Map Linked Signage Details

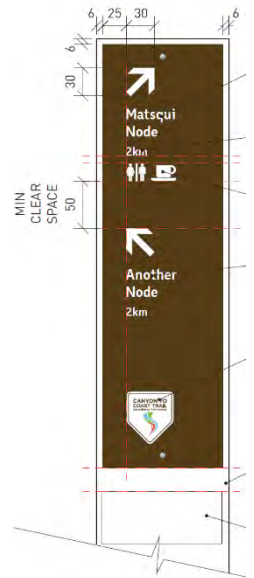
- Sign types recommended at each location are shown on the map and labelled numerically. Some sign locations require detailed explanations. Those sign details are listed here.
- **Route Map Sign:** The Patullo bridge is being replaced so the on/off of the bridge will change but a detailed route site makes sense at the base of the bridge.
- **Sign Location 7:** This is an important right turn heading east but also it isn't super clear heading west. Probably need both directions at this location.
- **Sign Location 8:** Construction at this location by Scott Bay Road Station is blocking the BC Parkway route but this might now be cleaned up. Adding an elevated sign on the concrete pillar west and another on the lamp post for eastward travel is recommended.
- **Sign Location 16,17, 18:** Lots of bike route signs in this area so it is a bit confusing. Adding and elevated sign on the concrete pillar for west travel would be helpful for navigation from location 19. Also a detailed route map here would make sense as there is a good area to stop.
- **Sign Location 21 :** This is an easy turn to miss mostly in the eastern direction. The eastern sign could be placed across the street from the existing pole in the picture.
- **Sign Location 22:** No existing sign here for this left turn headed east. Could be put high on the concrete of the sky train.
- **Sign Location 24 (Map2):** This junction by the BC Lions training grounds would benefit from a detailed route map sign because the trail splits here. The branch heading east goes over the Port Mann Bridge and the South branch travels south into the heart of surrey then on to match up with the rest of the Canyon to Coast trail at the Golden Ears Bridge.
- **Sign Location 29 :** Put signs on wooden posts to discourage riders from using the trail under the Powerlines.
- **Sign Location 30:** Major left turn here but you should turn on the sidewalk not at the street intersection. Maybe a second sign is needed at the crosswalk or some marking on the path surface.
- **Sign Location 31:** This is an easy right turn heading west to miss because the bike route also continues to the light up ahead. Riders need to get off the bike lane hear and go onto sidewalk/bike path by the park. For travelling east riders need to walk across the crosswalk to get into the bike lane opposite the park.
- **Sign Location 34:** Easy to want to turn right hear heading west but riders need to stay straight.
- **Sign Location 36-47:** This section is a Neighborhood Route that is well signpost but does have some confusing sections. Sign 40 has two direction choices so needs an ETF sign. Could put a single sign at either end that says follow Neighborhood bike route to minimize signage.
- **Route Map Sign:** A detailed route map sign could also be added near sign location 47 and the parking lot for Robin Park.
- **Sign Location 24005 (Map 4):** Very easy to miss this turn travelling in the eastern direction. A pole is probably needed at this location.
- **Sign Location 24006-24007:** The trail is on both sides of the Fraser Highway direction to cross the street depending on direction would be useful here.
- **Sign Locations 24018-24022:** This section has a lot of trail options so it will be important to ensure adequate direction for the Canyon to Coast Trail.



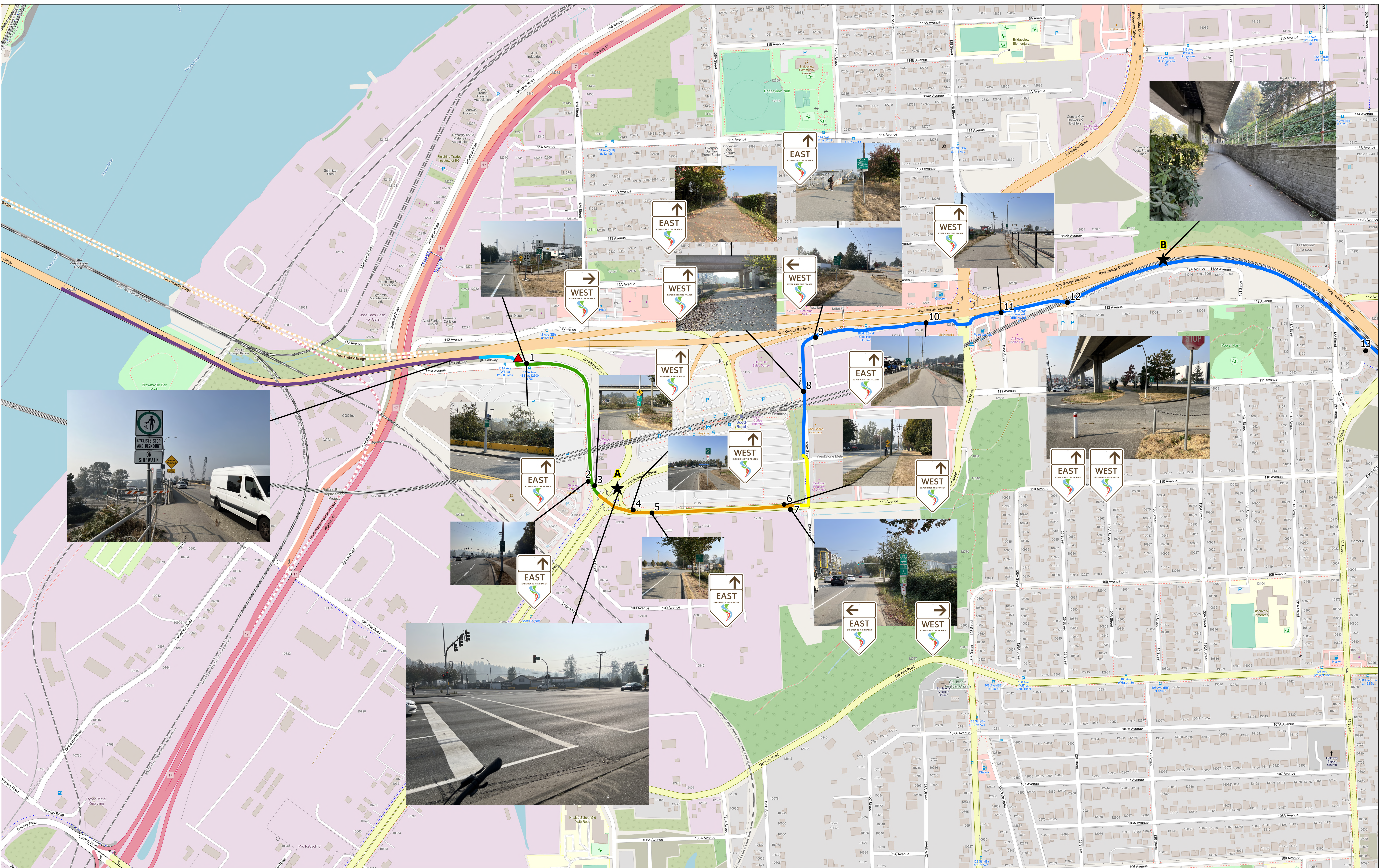


## Map Linked Potential Project Details

- 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 Scott Road and 110 Ave isn't set up for bikes to ride through the intersection. Could be improved by adding green bike lanes in the intersection so cyclists aren't required to walk bikes on the crosswalks for safety.
- **Potential Project B:** This steep hill on the BC parkway under the Skytrain is separated for walking and cycling but the cycling side has no separator and has blind corners that could lead to cycling collisions. Lines painted on the path to separate directions and caution signs could reduce the risk.
- **Potential Project C:** This short section along the retail section beside City Parkway is on a sidewalk type path but has limited surface markings and signs. Adding bike lane markings along the full length of this shared sidewalk will help minimize pedestrian/cyclist collisions. There are some markings at the east end but adding more would help.







## Experience The Fraser Fall 2024 Bike Trail Survey Map

### Signs and Potential Projects

#### City of Surrey: Map 1 of 6

★ Potential Project Site

● SignExisting

● SignNeeded

▲ Potential Site for Detailed Map

ROUTECLASS\_NUMBER

2 Road

3 Road

4 Road

7 Trail

8 Trail

9 Trail

10 Trail

← EAST

→ WEST

East and West on Signs indicate general direction of travel

0 25 50 100 150 200

Metres

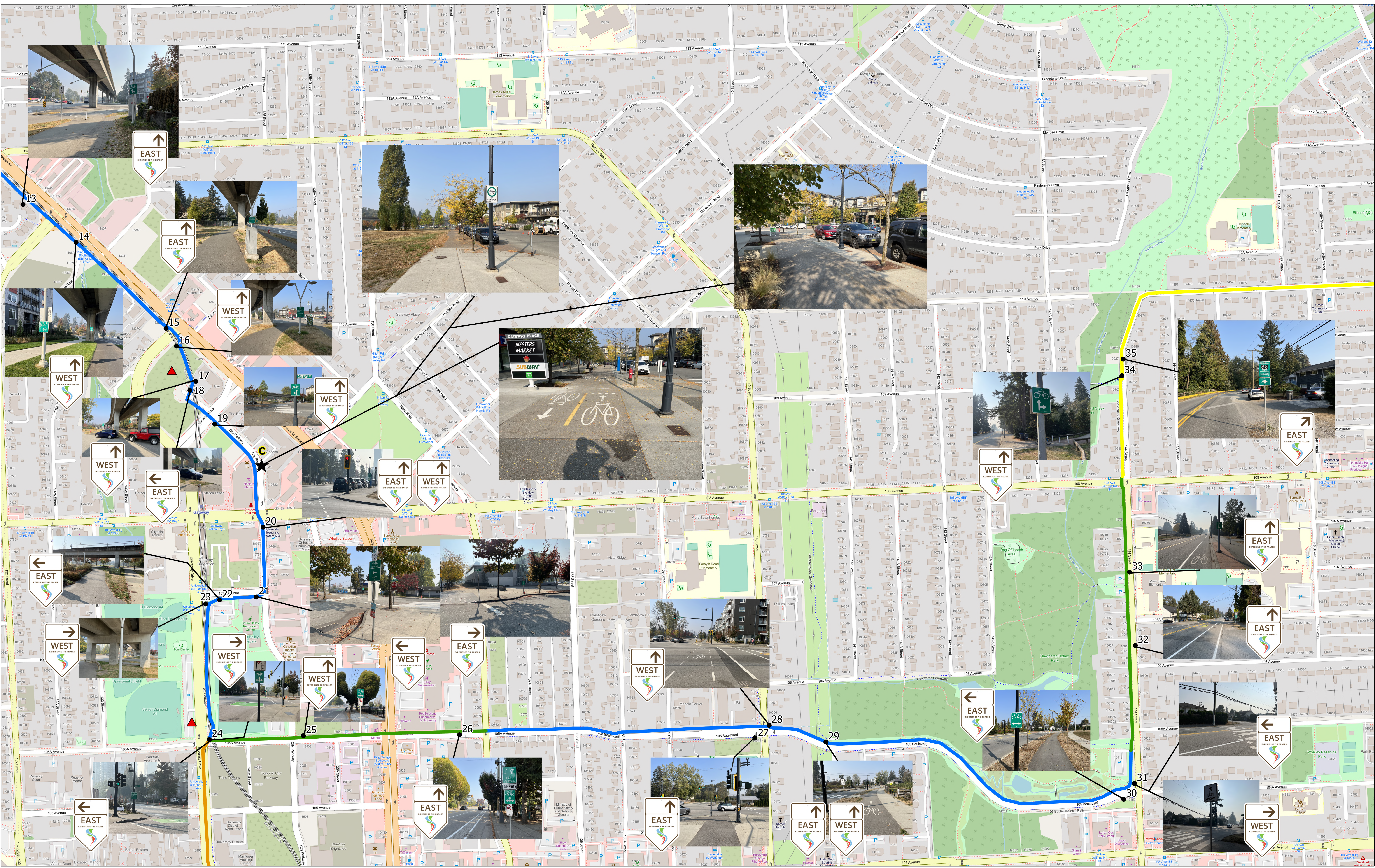
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## Experience The Fraser Fall 2024 Bike Trail Survey Map

### Signs and Potential Projects

#### City of Surrey: Map 2 of 6

★ Potential Project Site

Sign Type

- SignExisting
- SignNeeded
- ▲ Potential Site for Detailed Map

ROUTECLASS\_NUMBER

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

East and West on Signs indicate general direction of travel

← EAST

→ WEST

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## Experience The Fraser Fall 2024 Bike Trail Survey Map

### Signs and Potential Projects

#### City of Surrey: Map 3 of 6

★ Potential Project Site

Sign Type

● SignExisting

● SignNeeded

▲ Potential Site for Detailed Map

ROUTECLASS\_NUMBER

2 Road

3 Road

4 Road

7 Trail

8 Trail

9 Trail

10 Trail

East and West on Signs indicate general direction of travel

← EAST

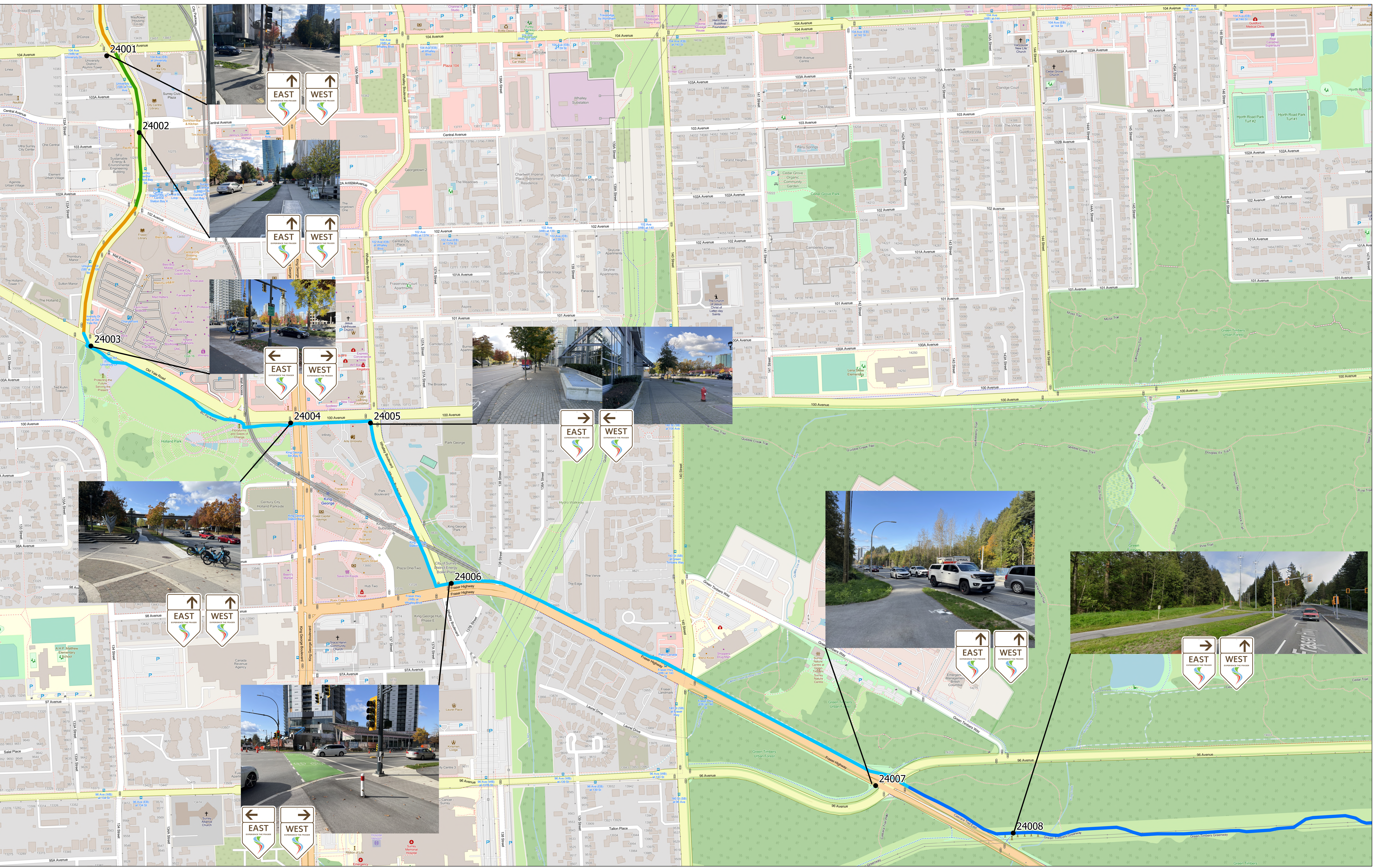
→ WEST

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## Experience The Fraser Fall 2024 Bike Trail Survey Map

### Signs and Potential Projects

#### City of Surrey: Map 4 of 6

★ Potential Project Site

Sign Type

● SignExisting

● SignNeeded

● Potential Site for Detailed Map

ROUTECLASS\_NUMBER

2 Road

3 Road

4 Road

7 Trail

8 Trail

9 Trail

10 Trail

East and West on Signs indicate general direction of travel

← EAST

→ WEST

0 25 50 100 150 200

Metres

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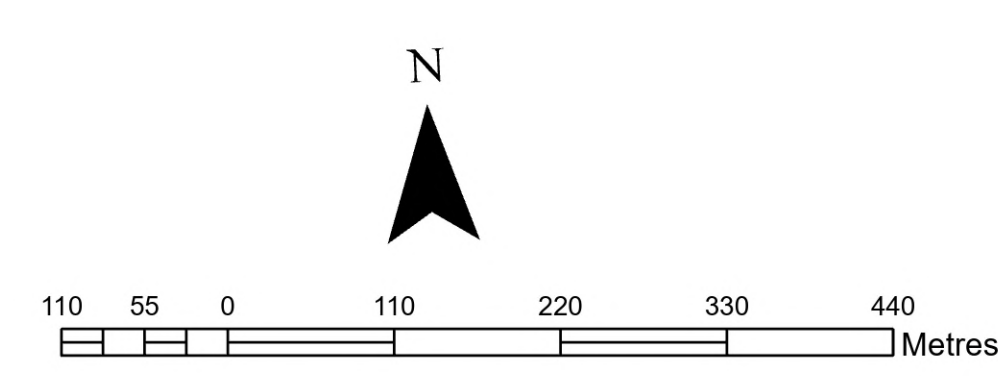
## Experience The Fraser Fall 2024 Bike Trail Survey Map Signs and Potential Projects City of Surrey: Map 5 of 6

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

ROUTECLASS\_NUMBER

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

East and West on  
Signs indicate general  
direction of travel



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