



Neighbourhood Bikeways Identification and Prioritization

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This project is about **neighbourhood bikeways**



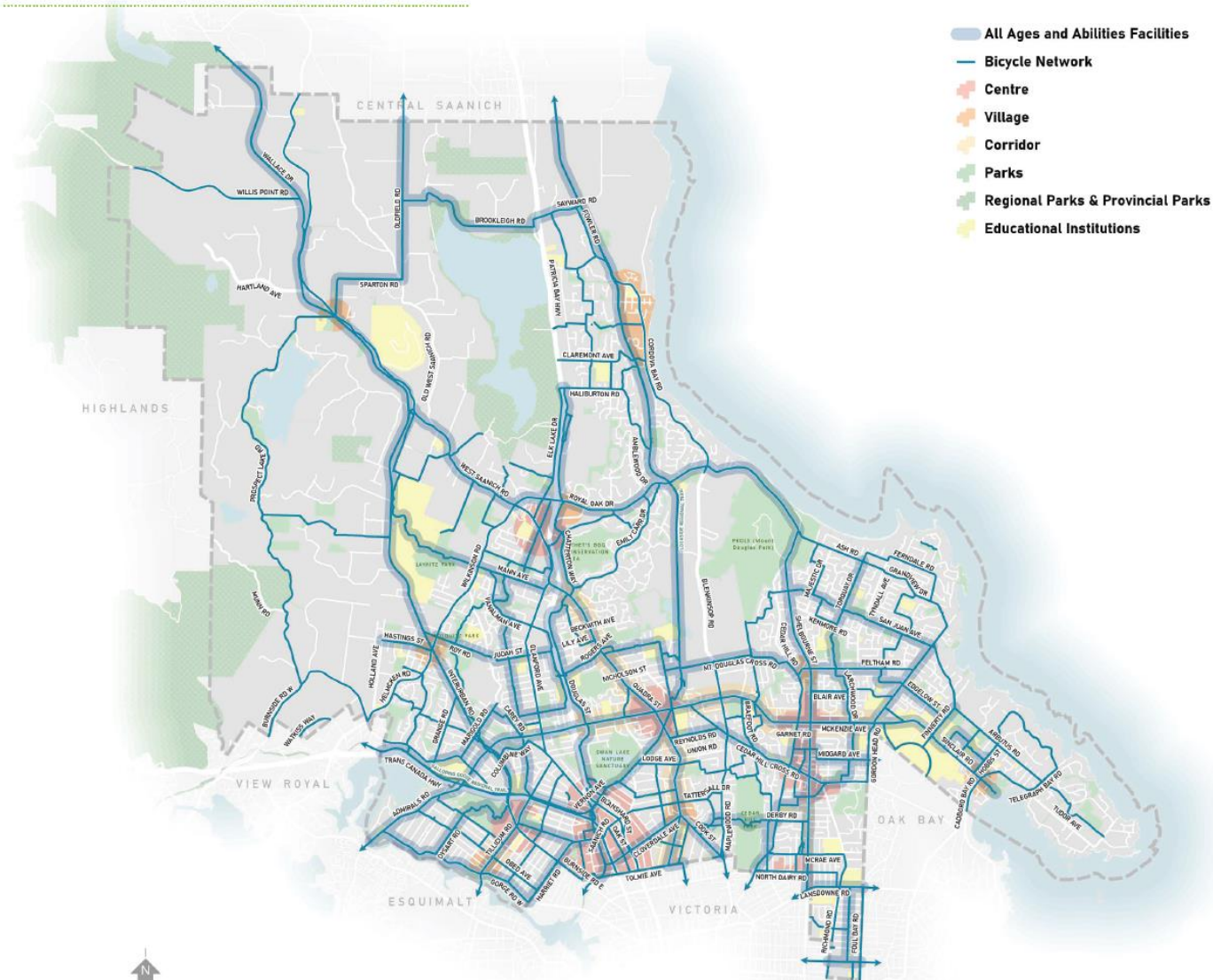
What is a neighbourhood bikeway?

Neighbourhood Bikeways are streets with **low traffic and speed** where people **cycling and driving** can **safely share** the road.



Purpose of the Project

FIGURE 27 // LONG-TERM BICYCLE NETWORK (2050)



- ATP has identified a Long-term Bike Network
- Type of facility has not been identified
- This project will:
 - Identify routes that will be Neighbourhood Bikeways
 - Prioritize Neighbourhood Bikeways for implementation

Scope of the Project



Neighbourhood Bikeways include signage and pavement markings



Neighbourhood Bikeways include speed humps, traffic circles, traffic diversion devices



Examples of Neighbourhood Bikeways



Seaton Street



Braefoot Road

Context – Official Community Plan

Sustainable
Saanich

OFFICIAL
COMMUNITY
PLAN

May 2024



- **Integrate land use with transit and other forms of sustainable transportation;**
- **Eliminate all traffic related fatalities and serious injuries; and**
- **Reduce total vehicle kilometers travelled in Saanich.**

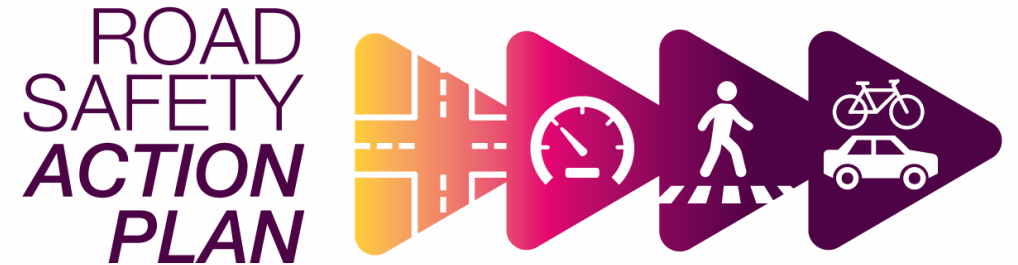
Context – Active Transportation Plan



- 1A.1: **Use best practices**, including the BC Active Transportation Design Guide and the Subdivision Bylaw to design all new and upgraded Active Transportation Infrastructure.
- 1A.6: Continue to **develop a complete and connected bicycle network** for people of all ages and abilities.
- 1B.4: Enhance and **increase new connections** to reduce travel distances for active transportation users.
- 1C.7: Monitor pedestrian and cycling hot spot collision locations and **identify safety mitigation measures**.
- 2C.1: Ensure the active transportation network is prioritized to **provide connections to Centres, Corridors and Villages** and other land use generators.

Context – Road Safety Action Plan

- 2. Build multi-modal streets** that include transit priority and infrastructure for walking, rolling, and cycling
- 3. Pursue infrastructure solutions with demonstrated safety performance**

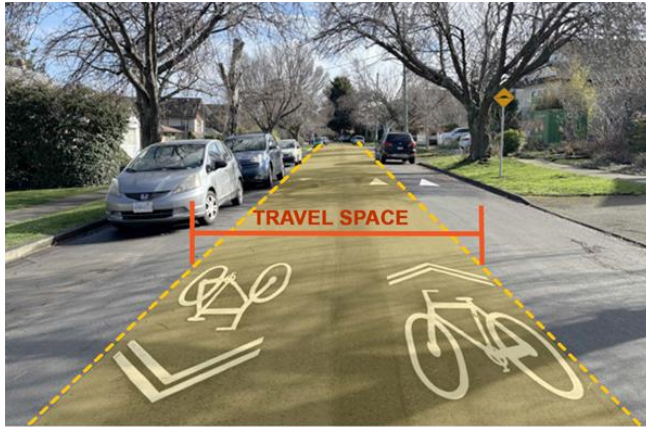


Out of Scope

- Re-visiting the approved Active Transportation Plan
- Pedestrian facilities
- Addressing traffic calming concerns that are independent of neighbourhood bikeways
- Re-designing previously built non-neighbourhood bikeway facilities or facilities under construction
- Prioritization of non-Neighbourhood Bikeways
- Detailed design of cycling infrastructure
- Physical construction of cycling facilities

Proposed factors to determine neighbourhood bikeways

Proposed factors to determine which routes are Neighbourhood Bikeways



(1) Width of the travel space



(2) Speed of motor vehicles



(3) Number of motor vehicles using the road



(4) Absence of yellow centre line



(5) Slope of the street



(6) Level of transit service provided

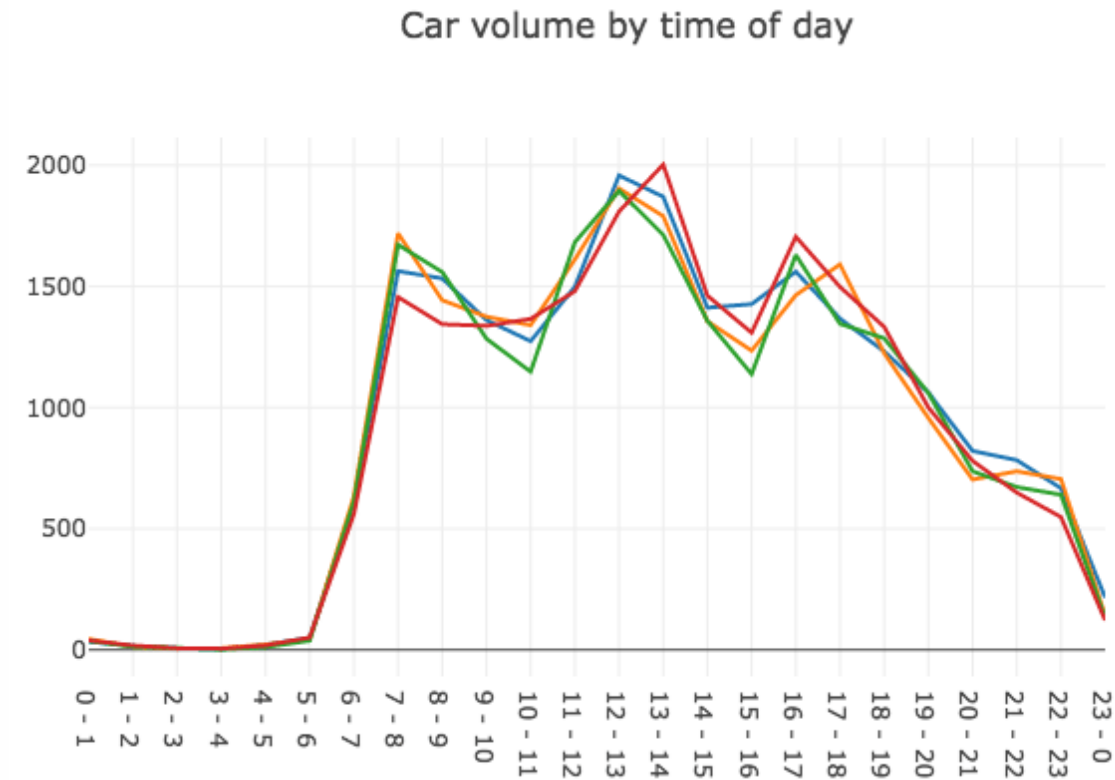
Proposed Prioritization Criteria

Vehicle Operating Speeds



- Lower speed = higher priority

Vehicle Volumes

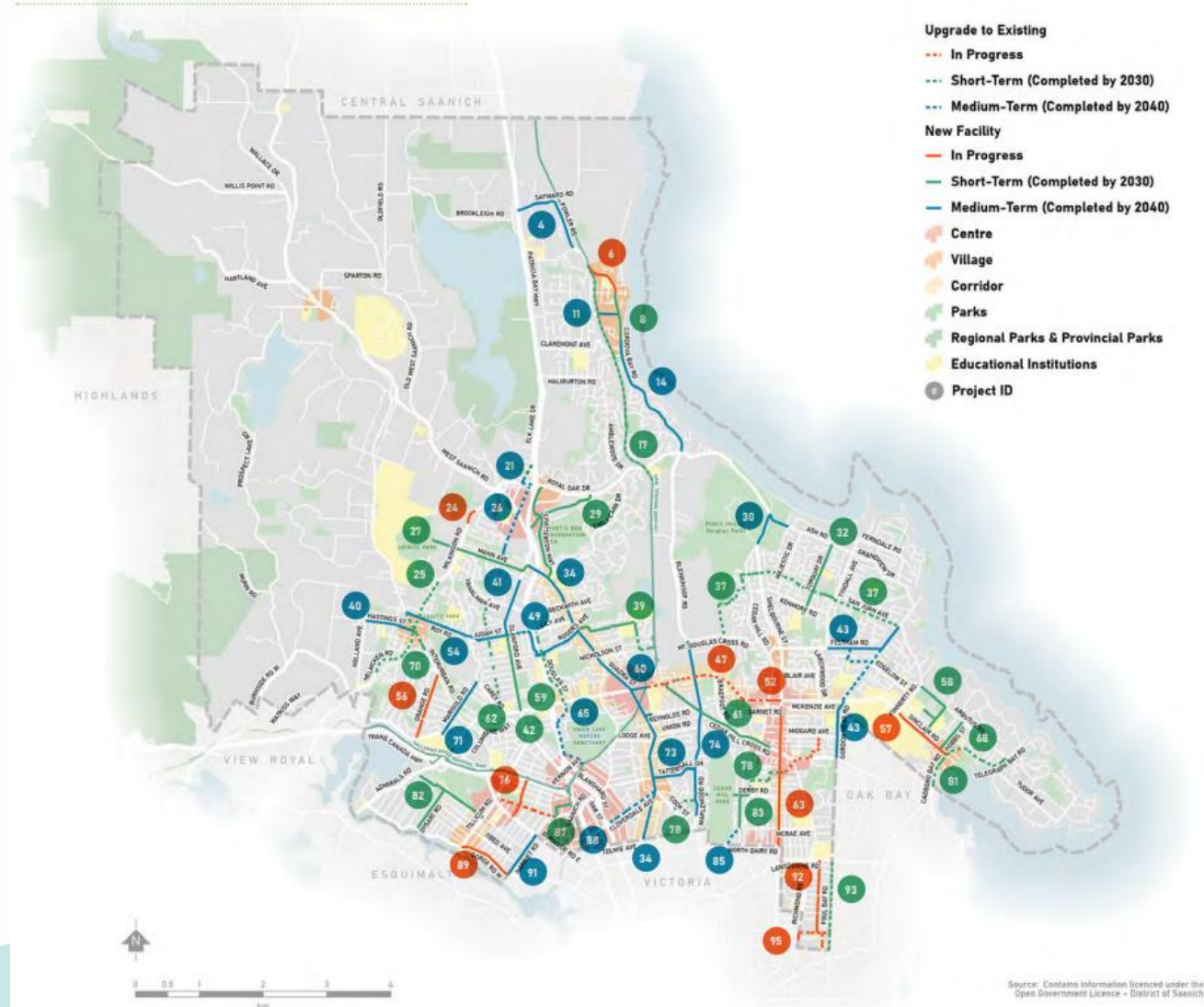


- Lower volumes = higher priority

Timeframe identified in the ATP

- Shorter timeframe in the ATP = higher priority

FIGURE 30 // BICYCLE NETWORK PRIORITY PROJECTS



Cycling volumes

- Higher existing cycling volumes = higher priority



Sensitive Land Use

- Proximity to or on a route leading to a sensitive land use = higher priority



Dense Land Use

- Location intersects or is within a Centre, Corridor or Village = higher priority

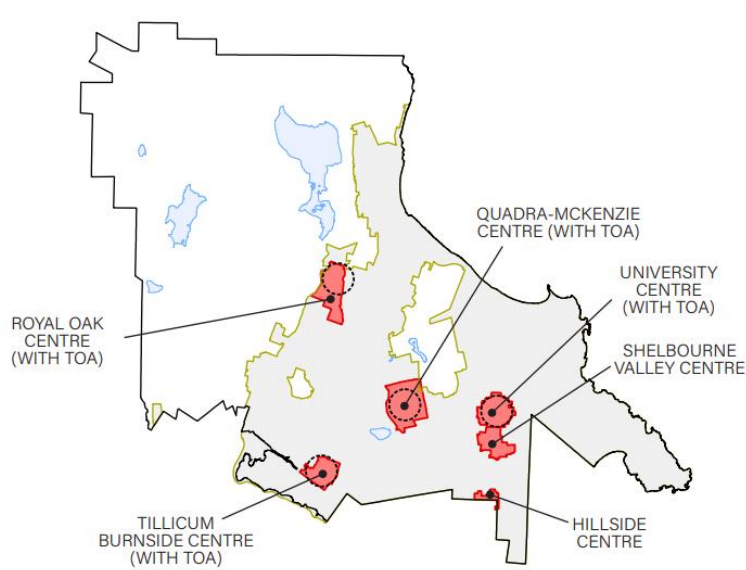


Figure 12. Centres

TOA = Transit Oriented Area

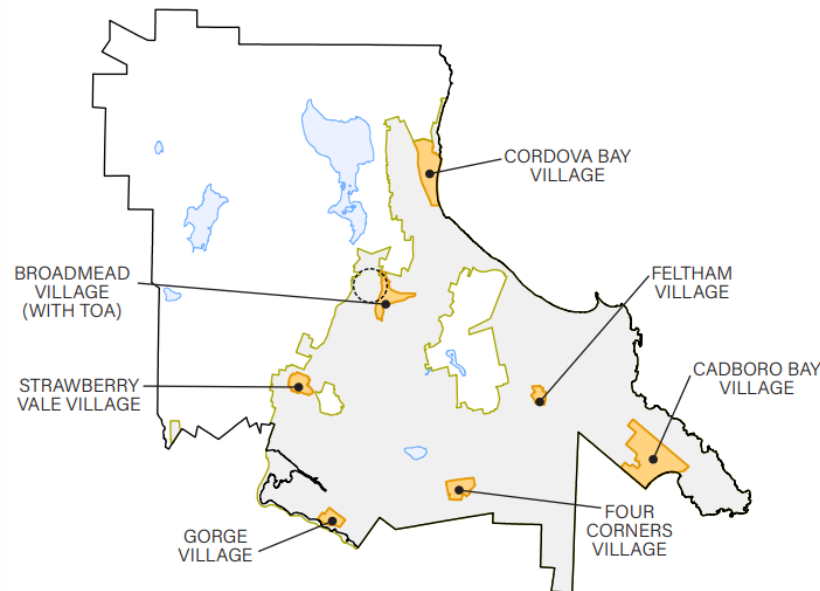


Figure 13. Villages

TOA = Transit Oriented Area

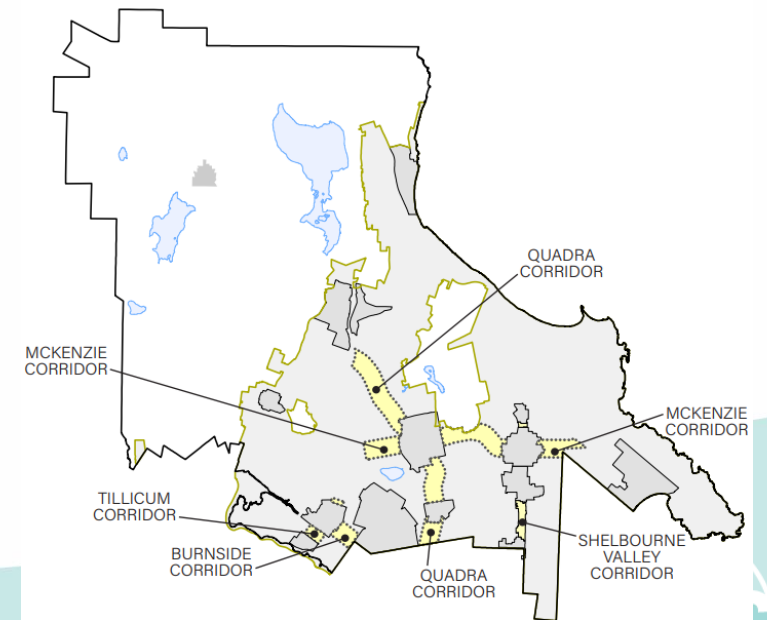


Figure 14. Primary Corridors

Other planned project can be leveraged



- Ability to leverage with another project = higher priority

Connections to other facilities

- Larger number of connections to other facilities = higher priority

Example: Piedmont Drive



Connects to 1 facility

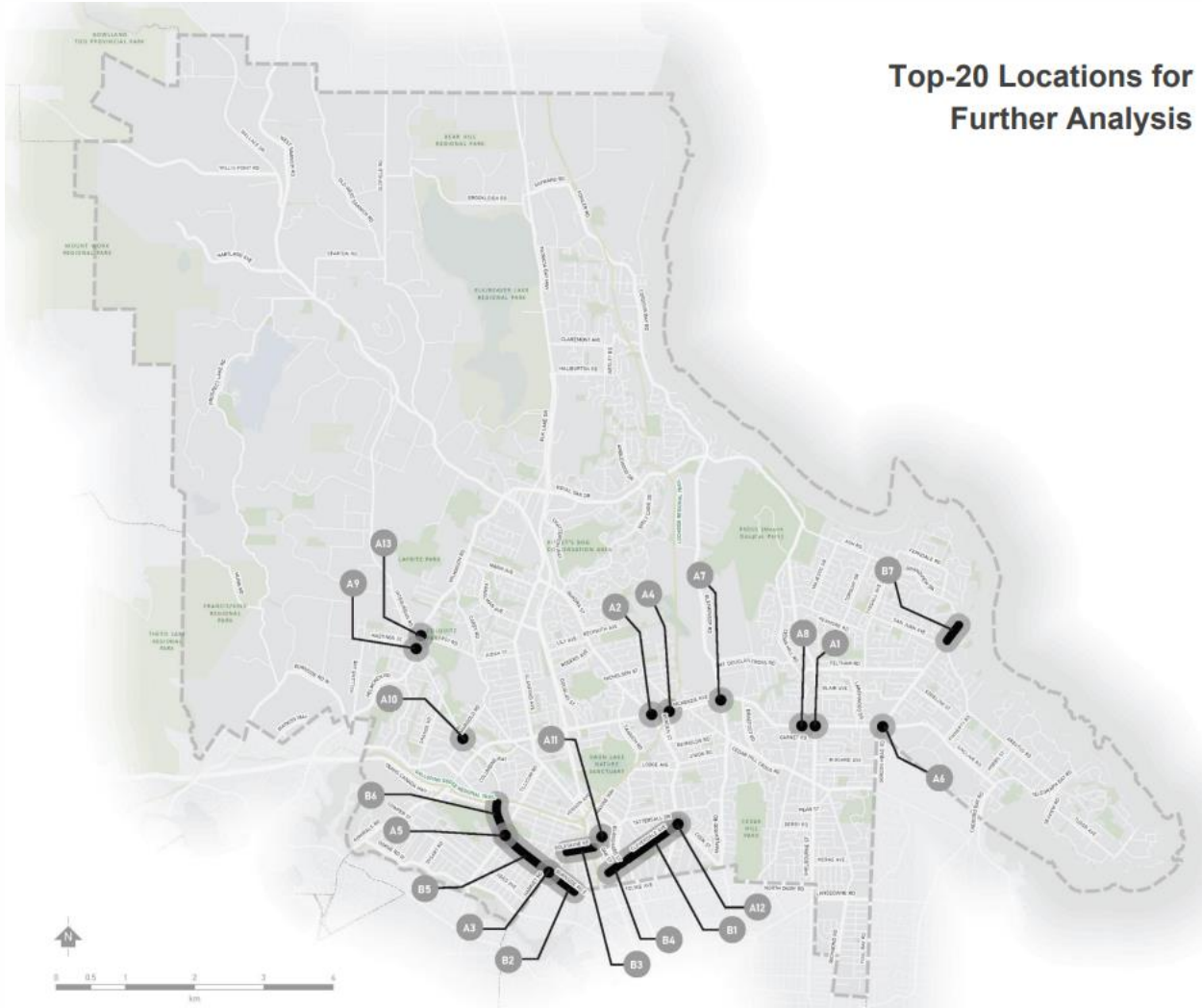
Example: Braefoot Rd



Connects 8 facilities

Safety Analysis

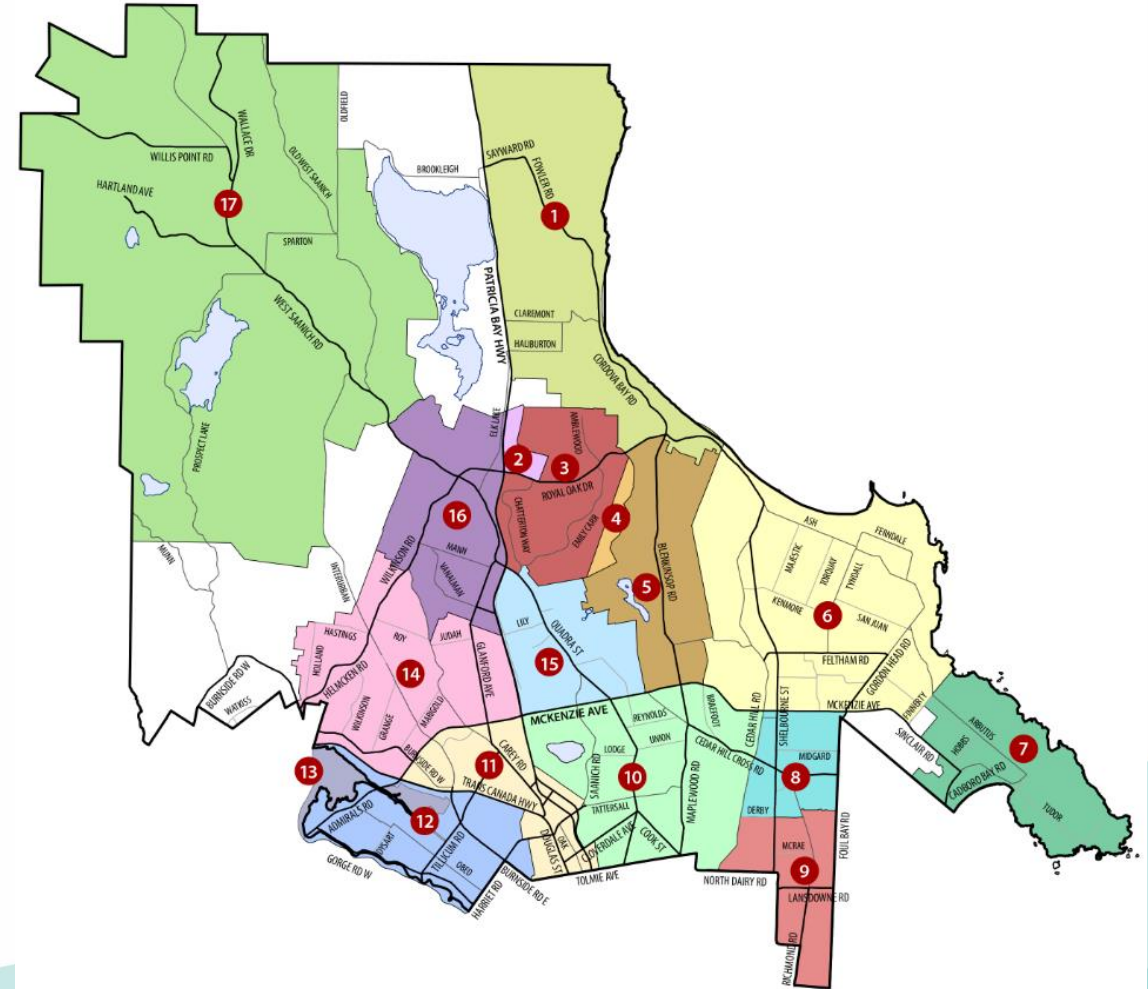
Top-20 Locations for
Further Analysis



Identified for
safety
improvements =
higher priority

Distribution of projects

- Consider spreading priority projects throughout the District



Want to learn more?

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Contact me:

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Survey available on HelloSaanich, spread the word!

