



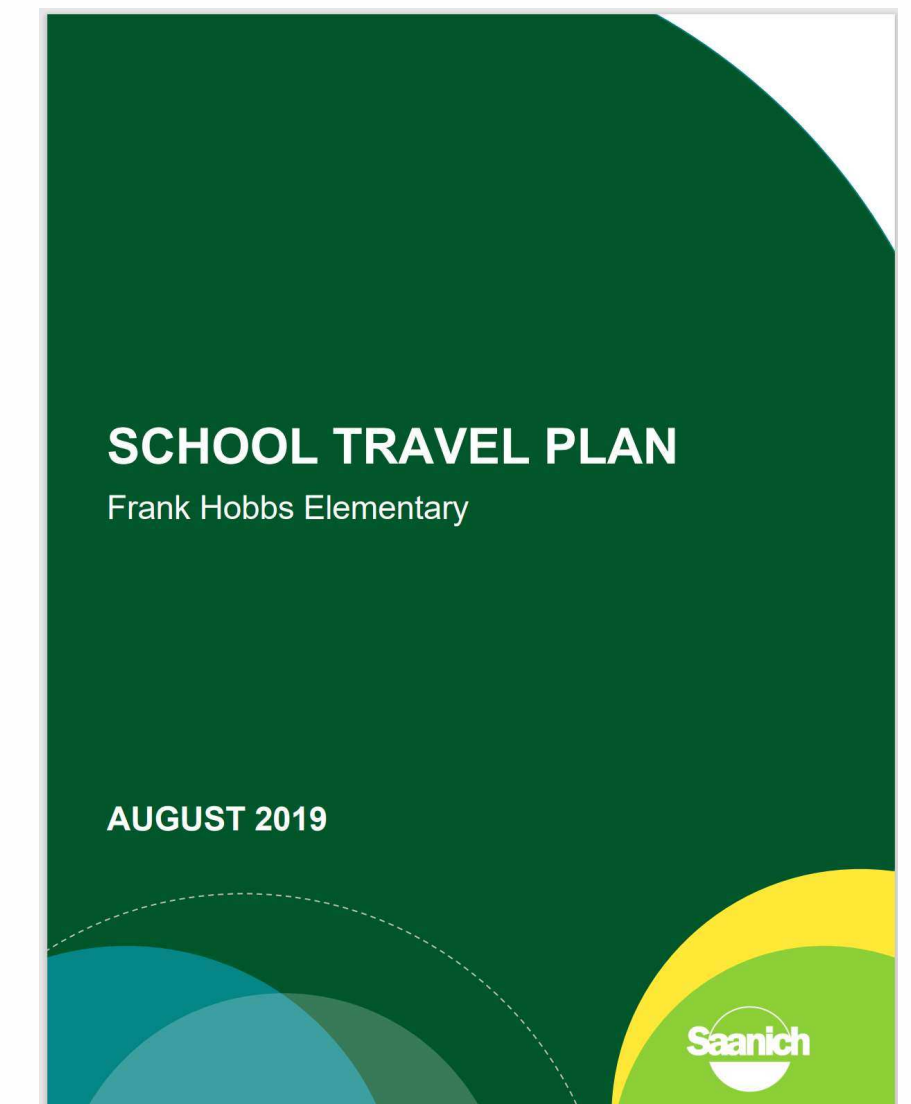
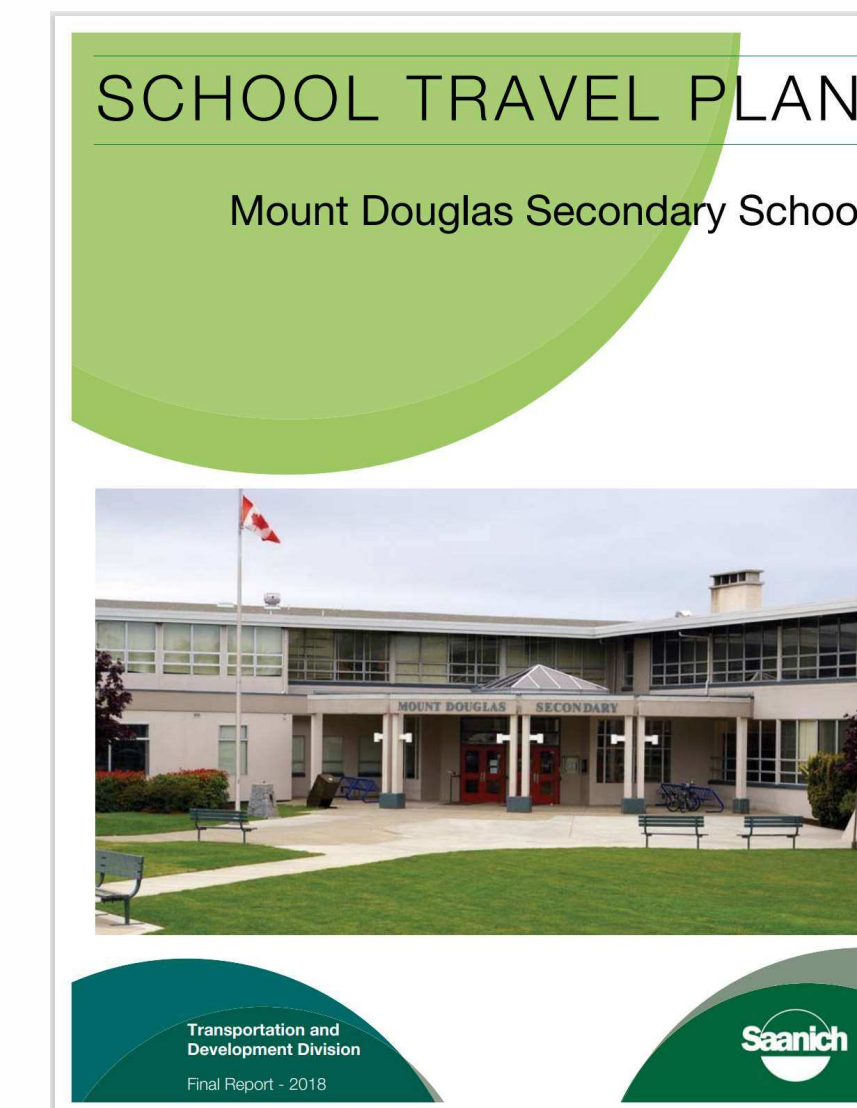
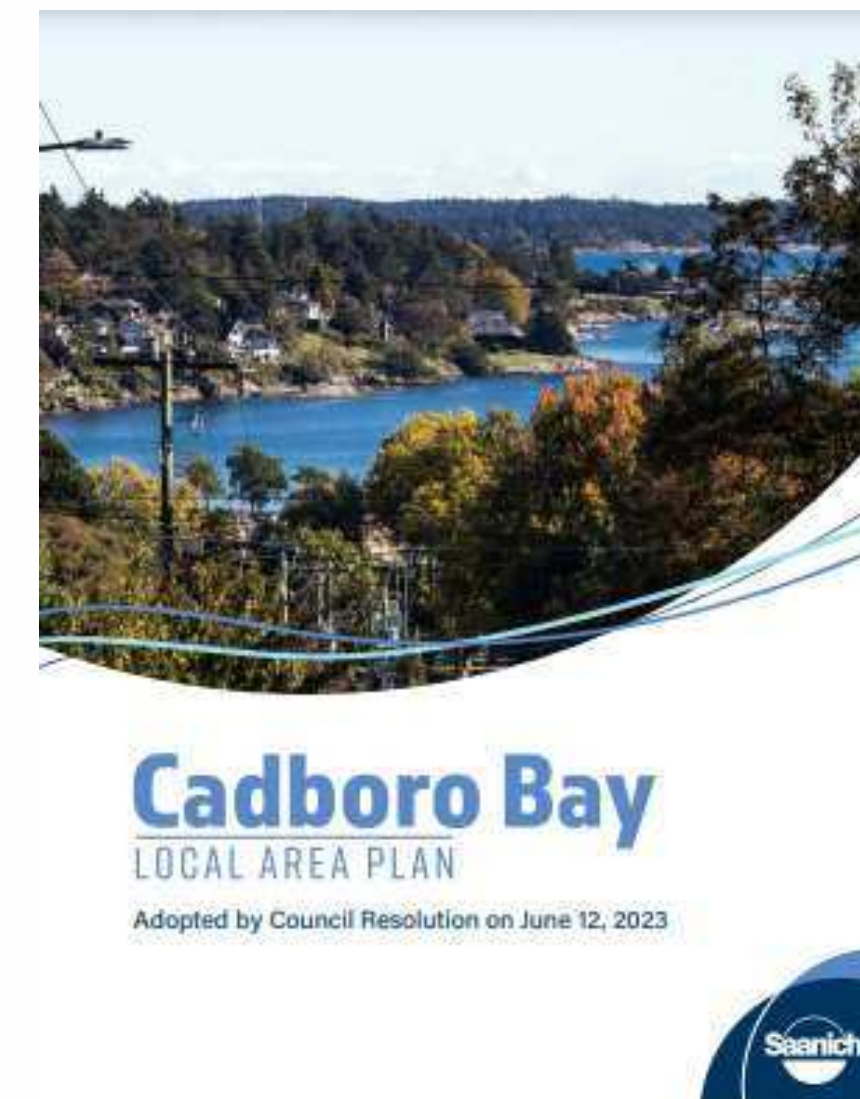
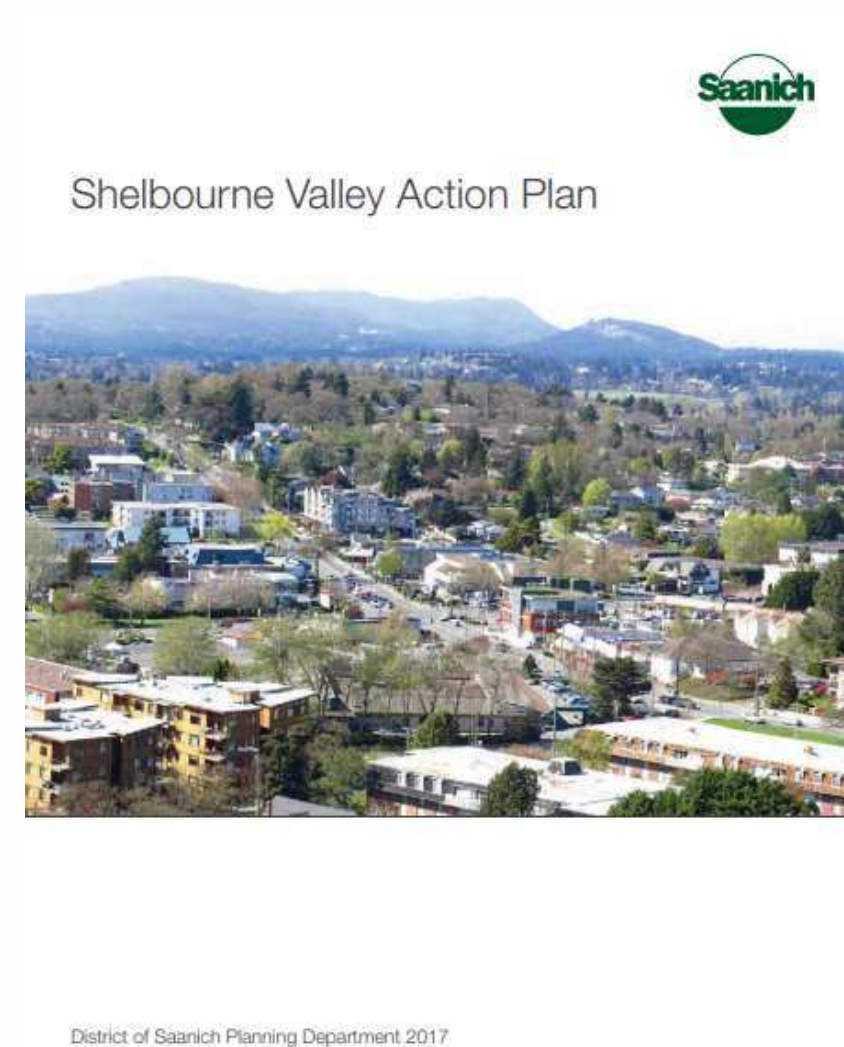
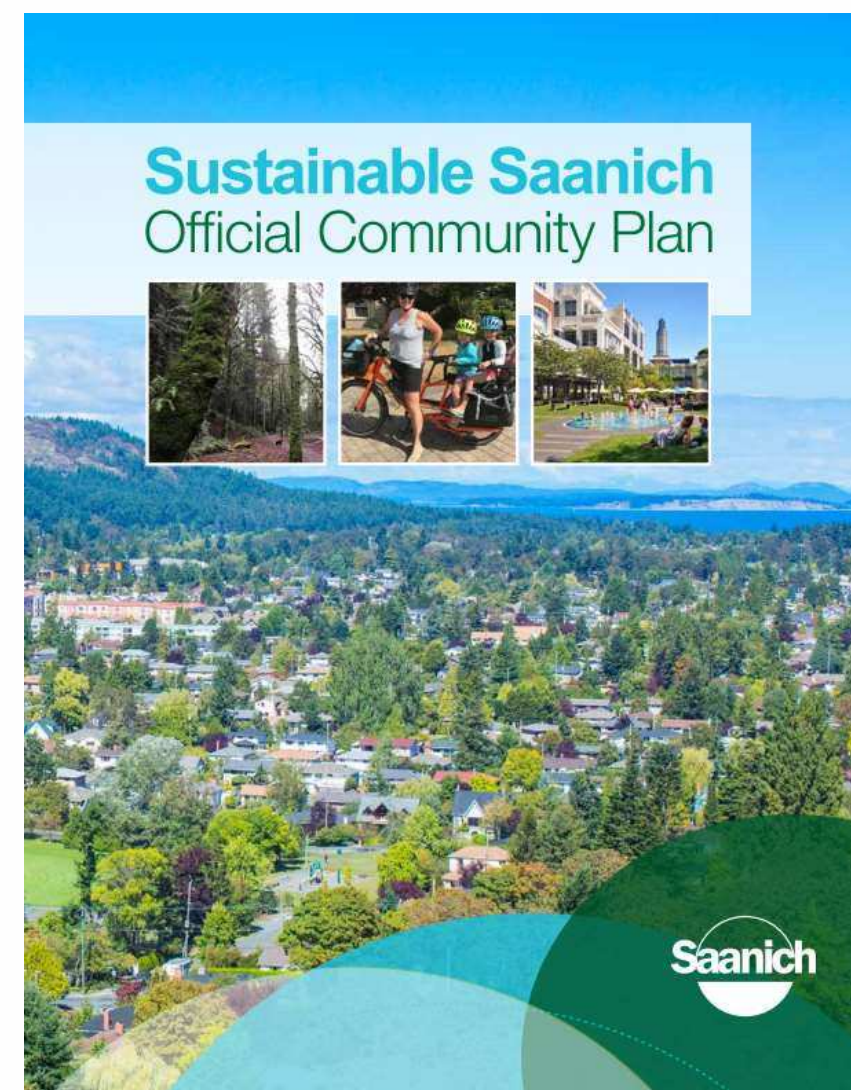
# Sinclair Road Upgrades

Public Information Session

January 24, 2024



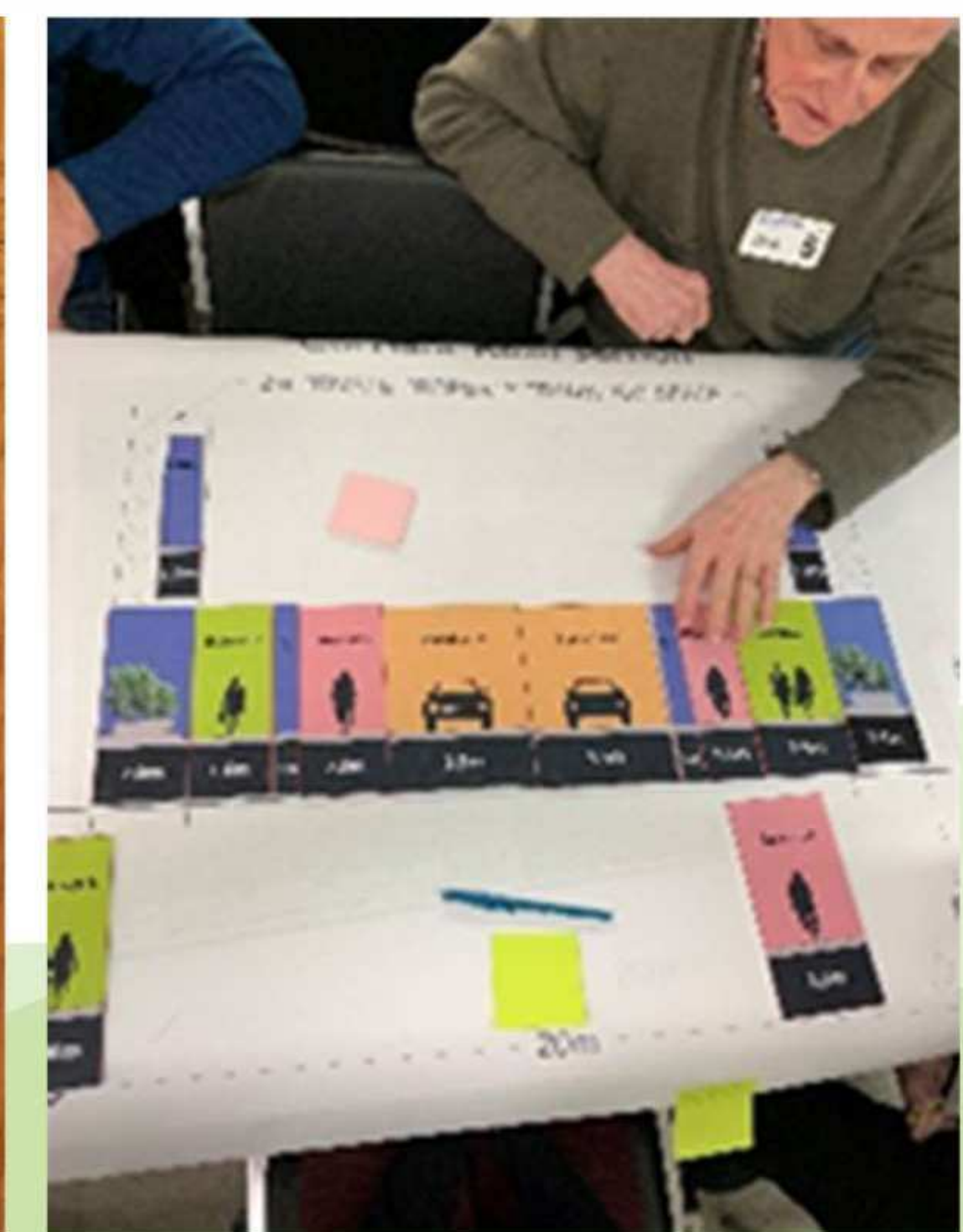
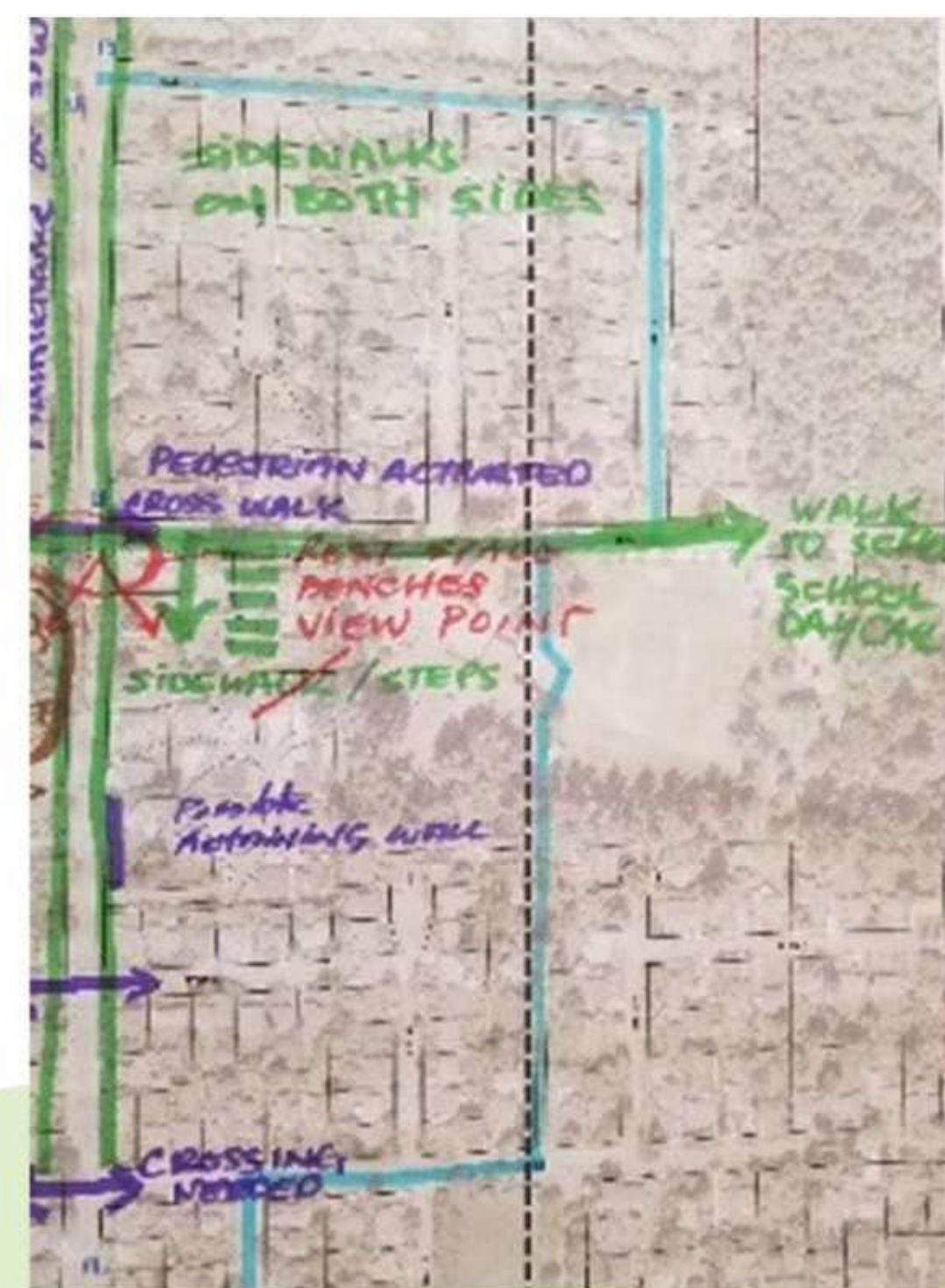
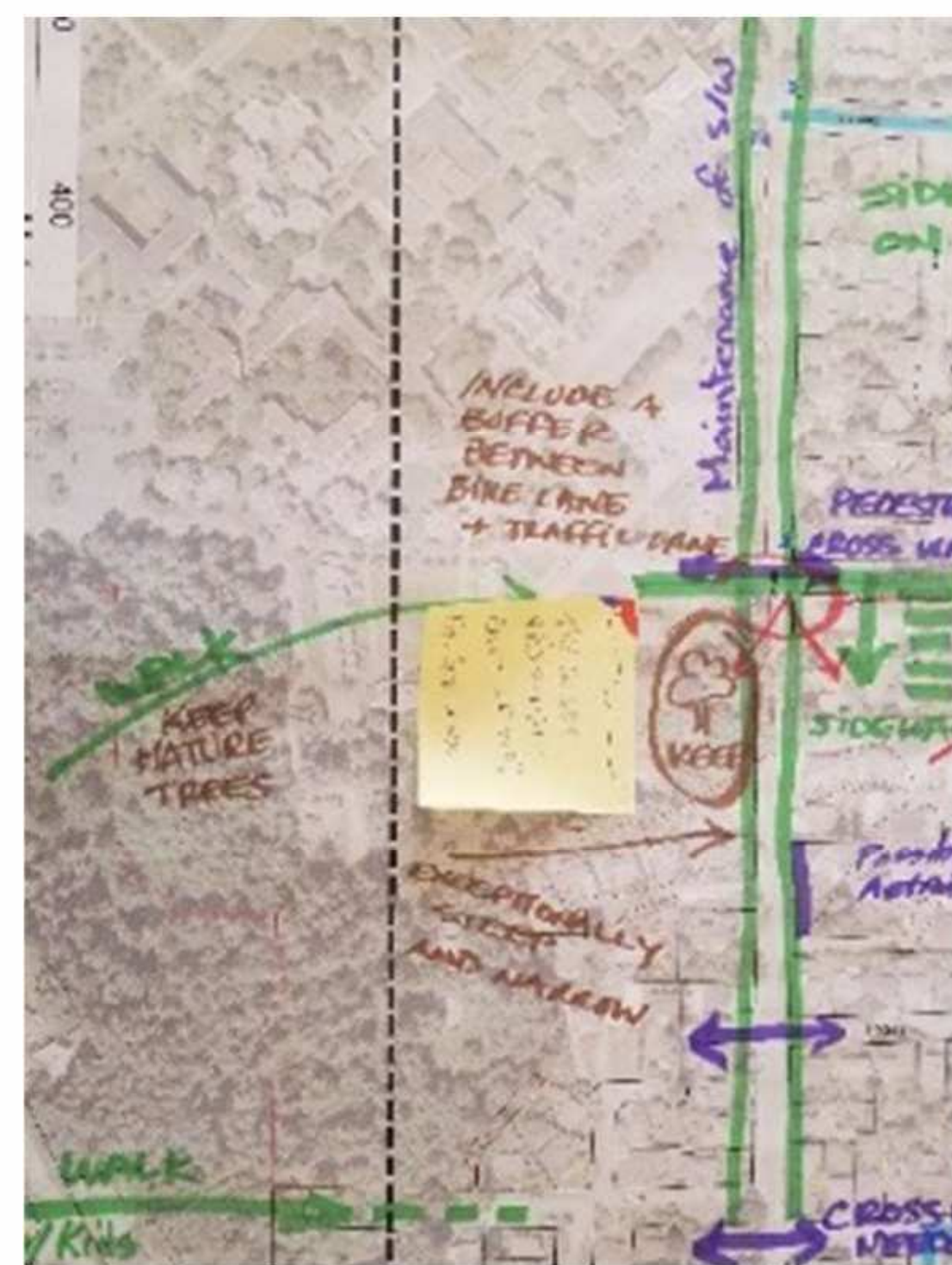
# Why are we doing this?



- Improvements align with Saanich's Official Community Plan, Cadboro Bay Local Area Plan and other planning documents.
- Sinclair Road pedestrian and bicycle network improvements are prioritized in the Active Transportation Plan (2018).
- Sinclair Road is noted as a "Best Route to School" for Mount Douglas Secondary School.
- Frank Hobbs Elementary school travel plan identified a lack of safe crossings on Sinclair.
- Underground utility upgrades were identified in 2020.
- Ongoing residents' concerns with lack of active transportation facilities.

# What we've heard

- Safe accessible streets with sidewalks and cycling infrastructure to access the surrounding area are needed.
- Speed reduction is needed.

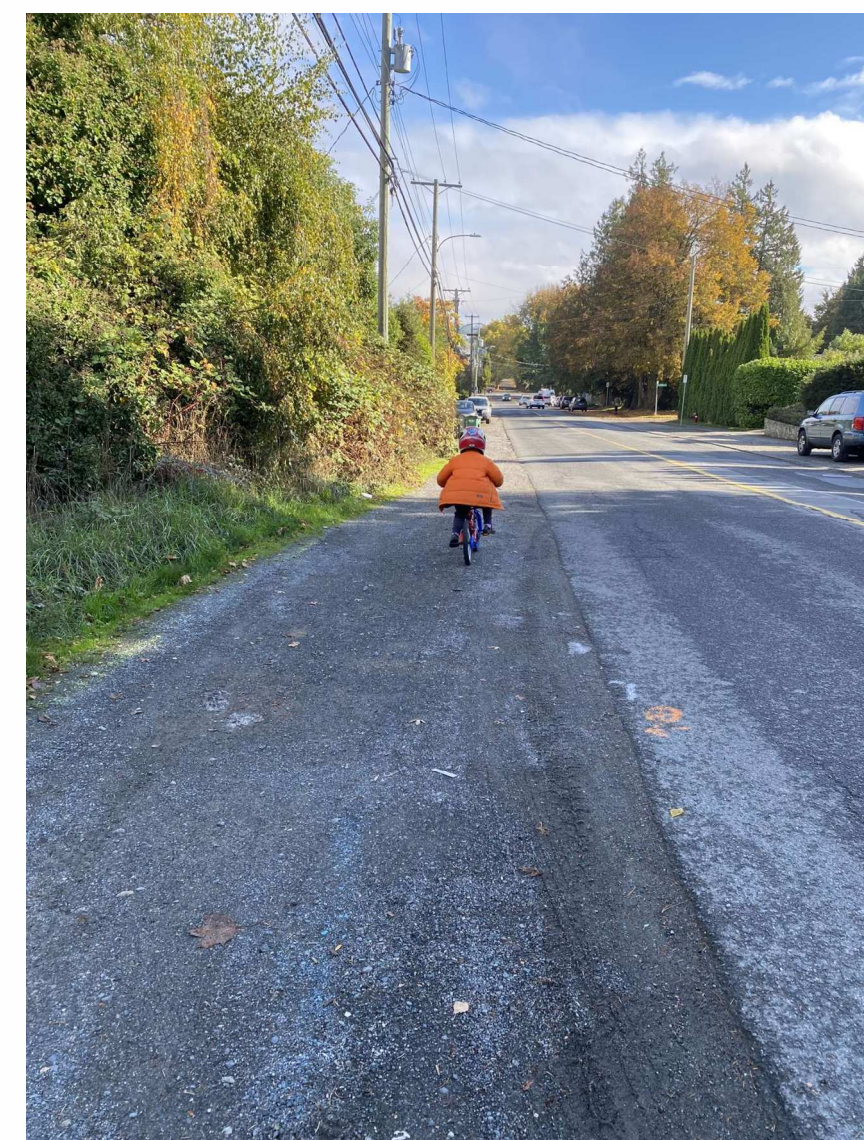
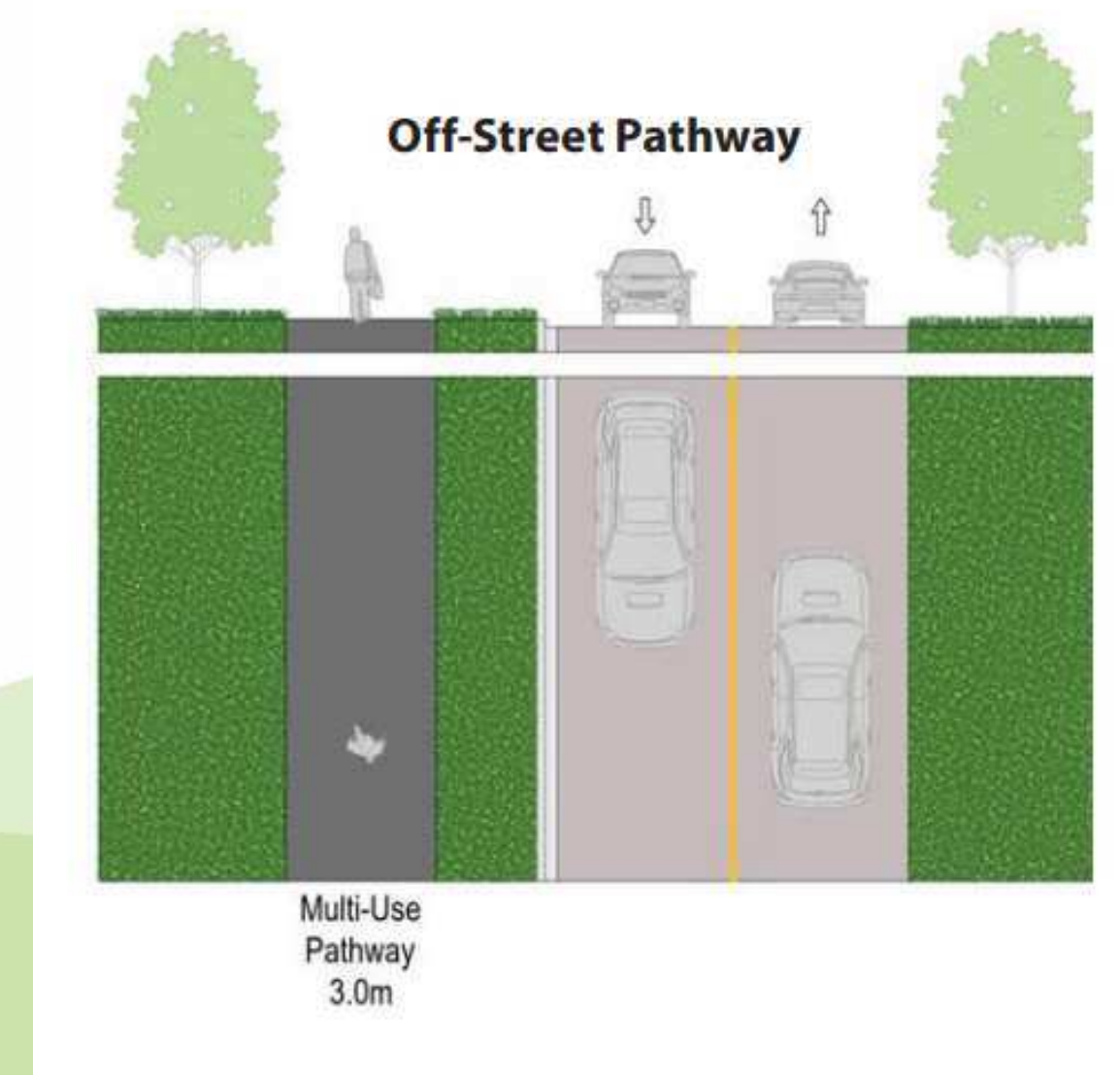
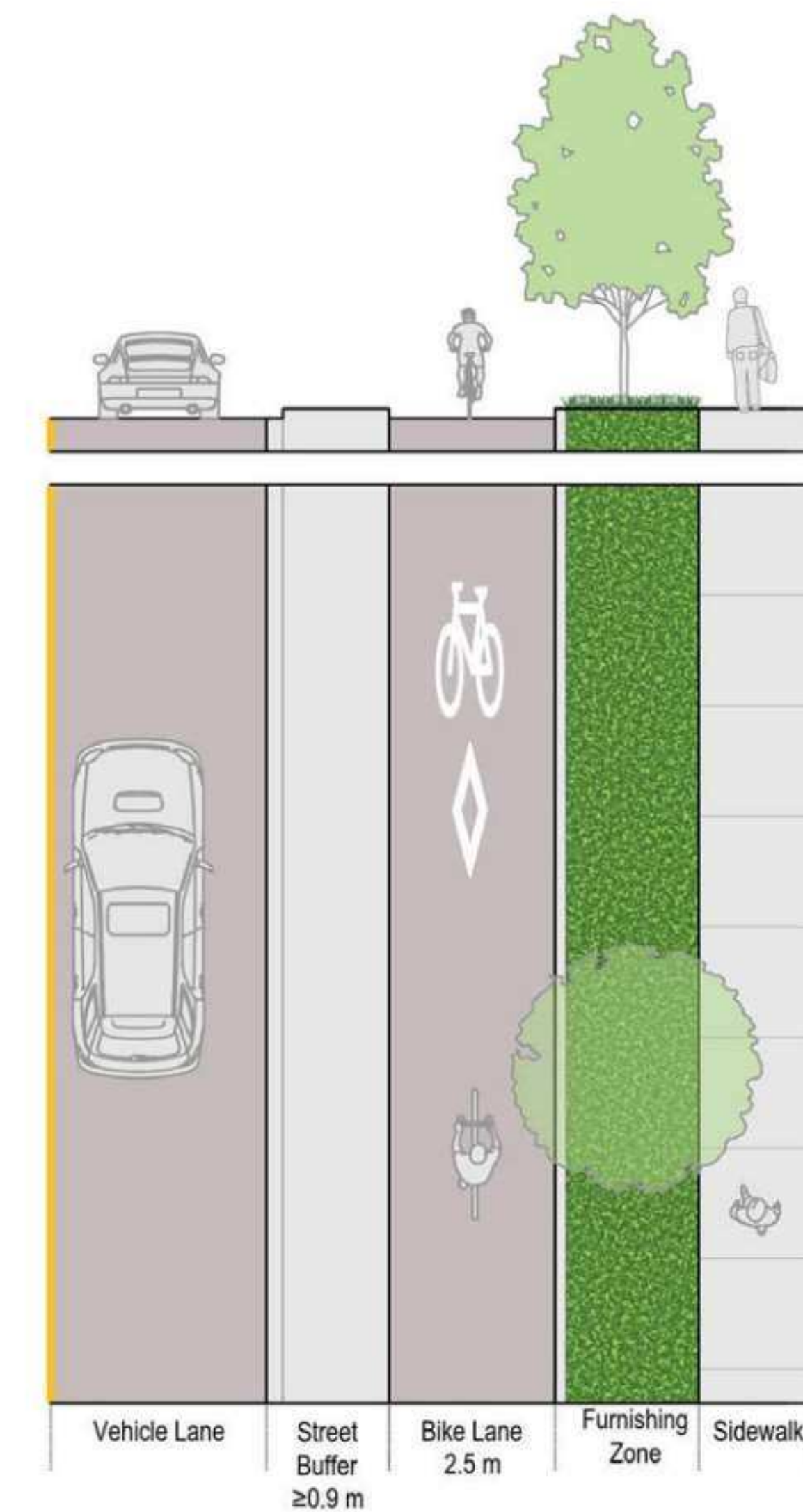


# Design Considerations

Roadway alignments, grades, widths and types of infrastructure were determined by:

The active transportation guidelines, engineering best practices, saanich schedule H and standard specifications.

- Tree impacts
- Utility conflicts and constraints (hydro, telus, gas, sanitary, water, storm)
- Driveway grades
- Sightlines
- Roadway speeds
- Vehicle turning movements
- Servicing requirements
- Safety
- Available road allowance
- Lighting
- Accessibility
- Emergency response
- Transit
- Public concerns
- Public use
- Least impact to private property
- Sustainability
- Cost implications



# Design Solutions

## Pedestrian Comfort

- Separated sidewalks on both sides of the road (1.8km)
- Roadway crossing opportunities c/w rapid flashing beacons (3)
- Tactile walking strip indicators for visually impaired

## Cycling Comfort

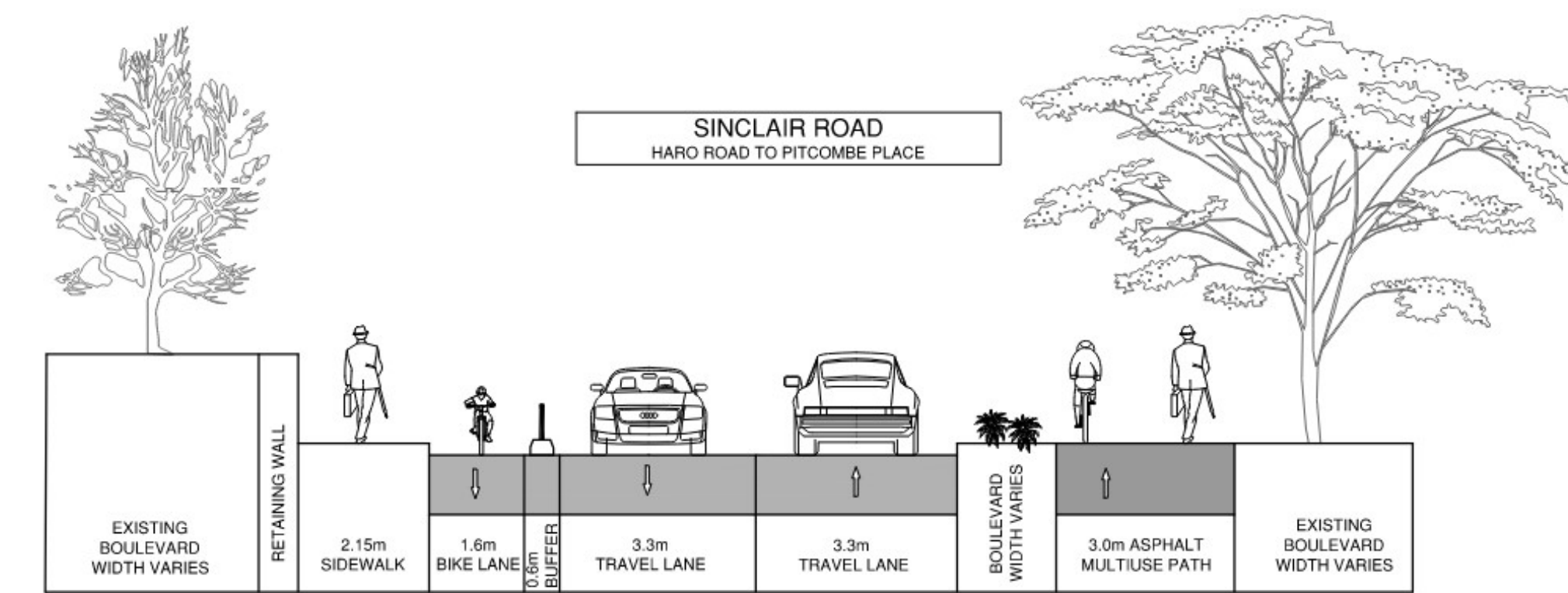
- Separated cycling facilities on both sides of the road (2.0km)
- Painted high conflict zones (Green)
- Facility access at all intersections and rideable crosswalks

## Unique Features

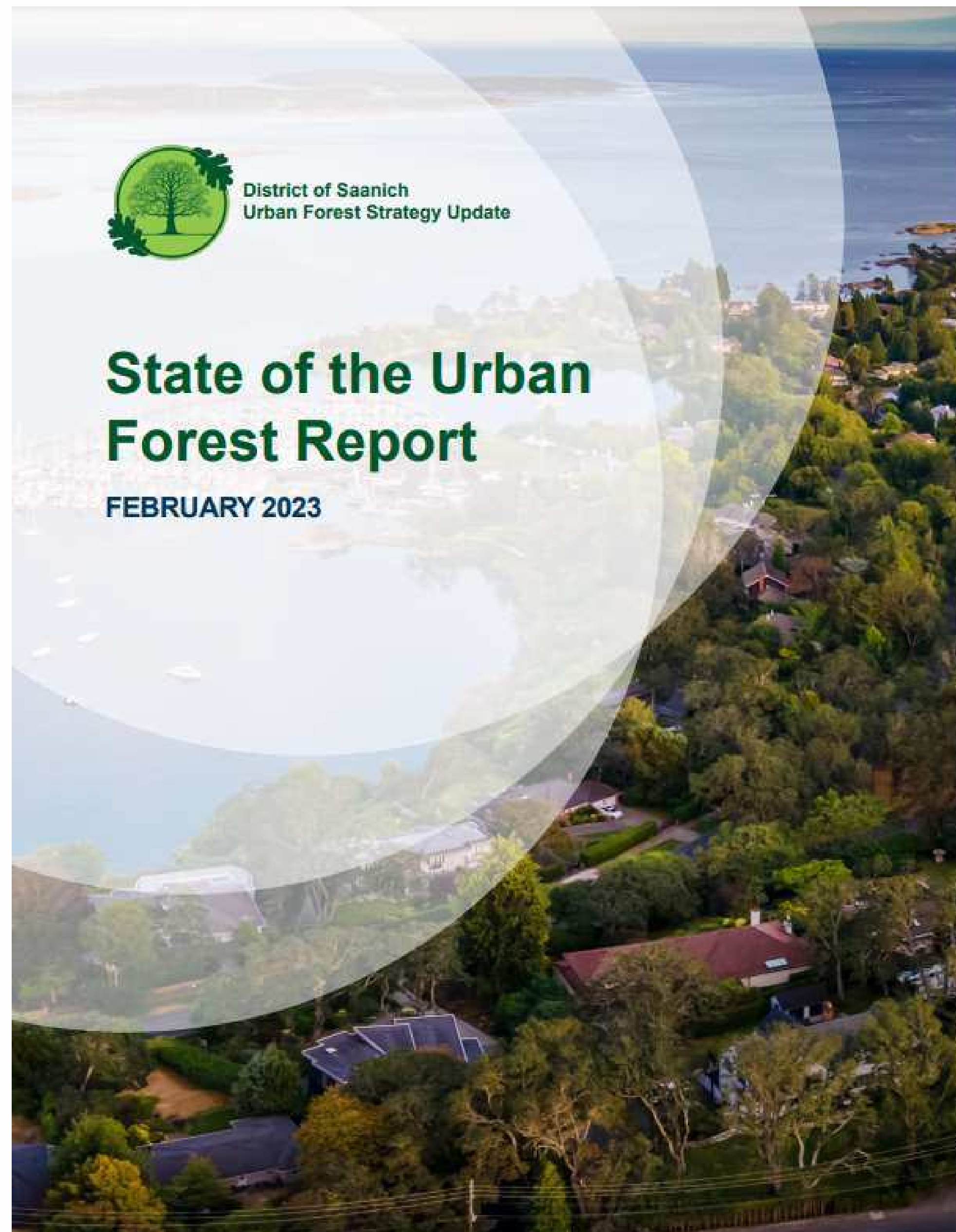
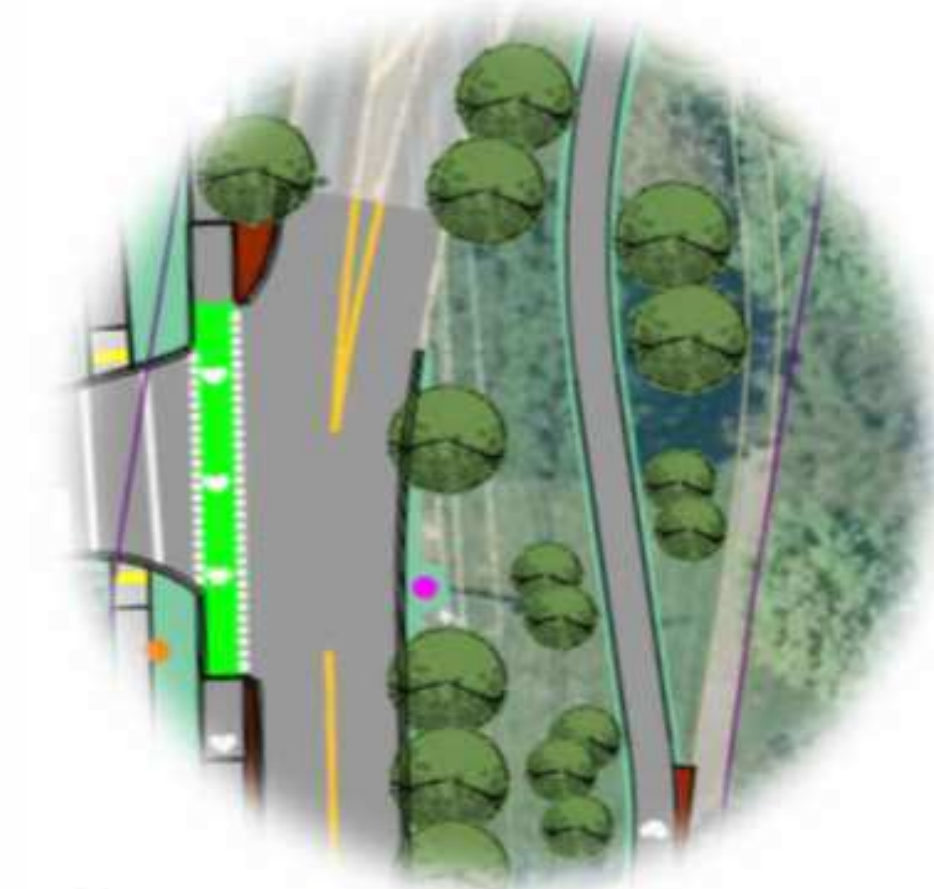
- Mini raised roundabout at Sinclair Road and Cadboro Bay Road
- Boulevard landscaping
- Multi-use pathways (600m)

**Estimated cost**

**\$18,000,000**



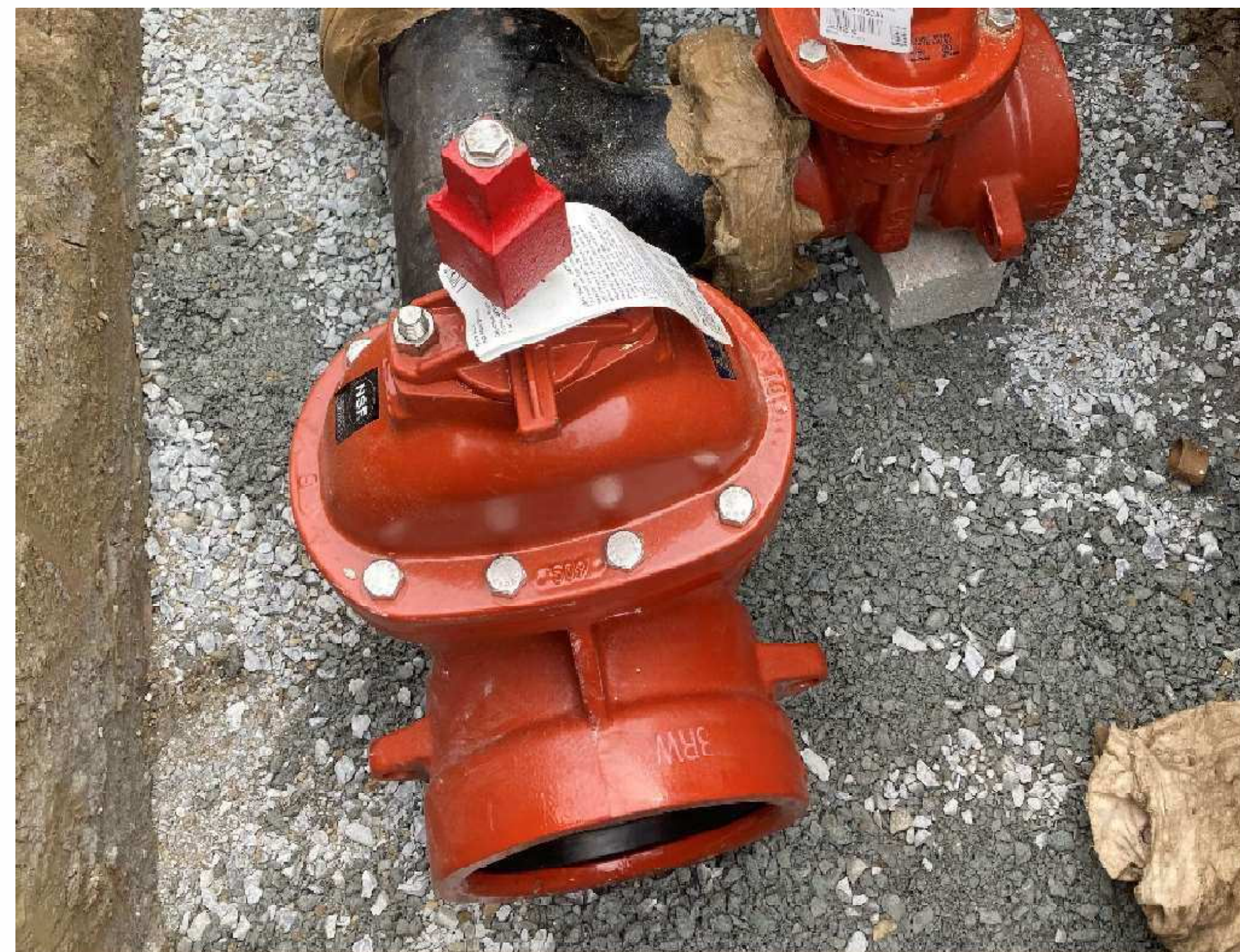
# Urban Forest Renewal



- Many of the existing trees along Sinclair Road are in poor and deteriorating health.
- This project will plant 67 new trees that are a mix of native and ornamental trees that are available at local nurseries, species that are resistant to pests, diseases and have proven to do well here. These trees will be more sustainable.
- During construction, 57 existing trees will require arborist supervision.
- Trees removed (69) will be replaced as per the District's *Tree Protection Bylaw*.

# Utility Improvements

Replacement of aging underground infrastructure for improved water flow, fire flow and sewer capacity



Watermain – 1100 meters



Sanitary Sewers – 300 meters  
Storm Sewers – 500 meters

Will also include relocations of gas mains, Hydro poles and Telus poles  
Upgrades to roadway lighting

# Mini-Roundabout at Sinclair Road and Cadboro Bay Road

## Safety

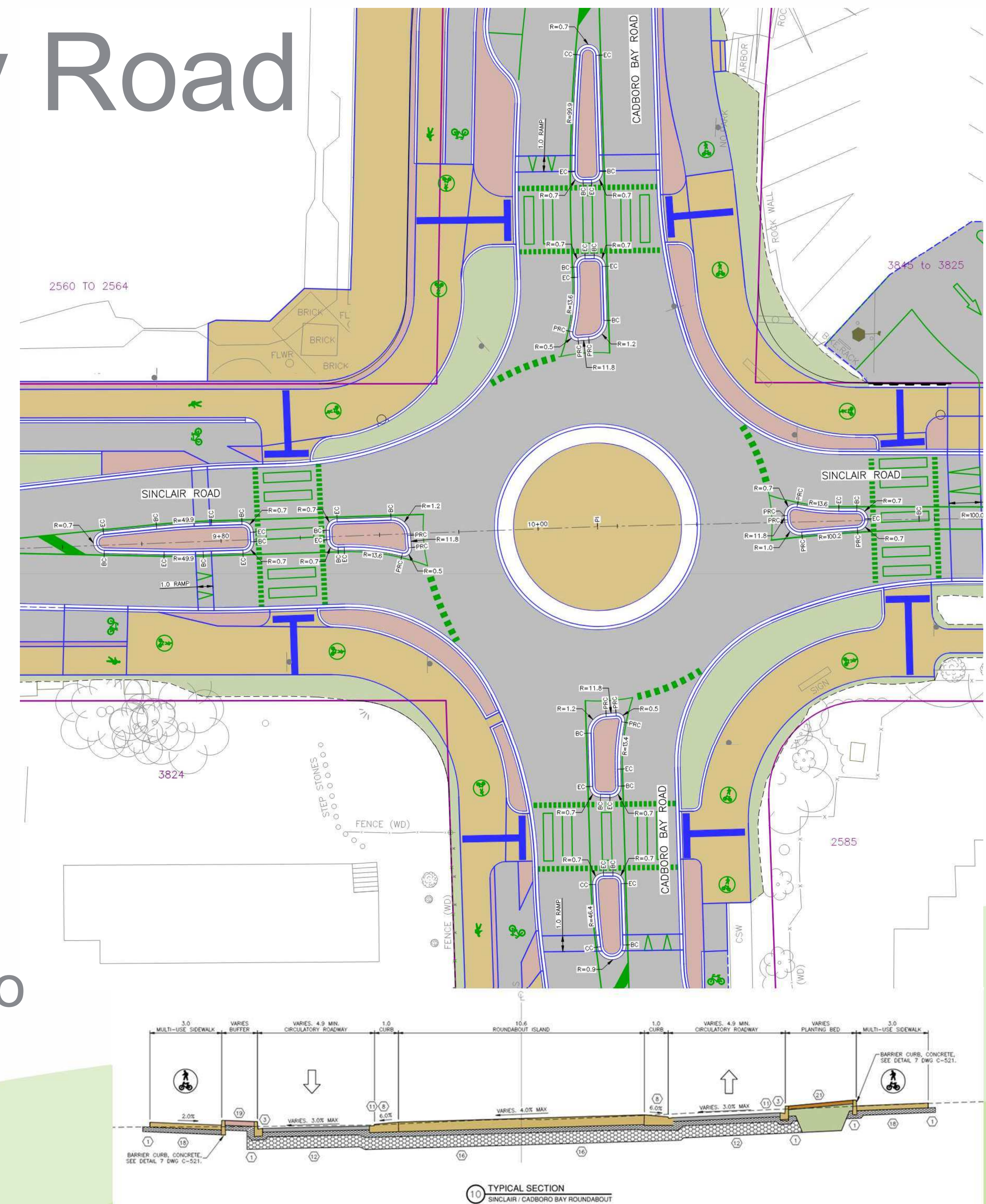
- Reduces conflicts between vehicles and all other users
- Reduces the crossing distance at crosswalks for cyclists and pedestrians
- Reduces vehicle speeds

## Efficiency

- Improves capacity and traffic flow
- Reduces delays

## Aesthetics

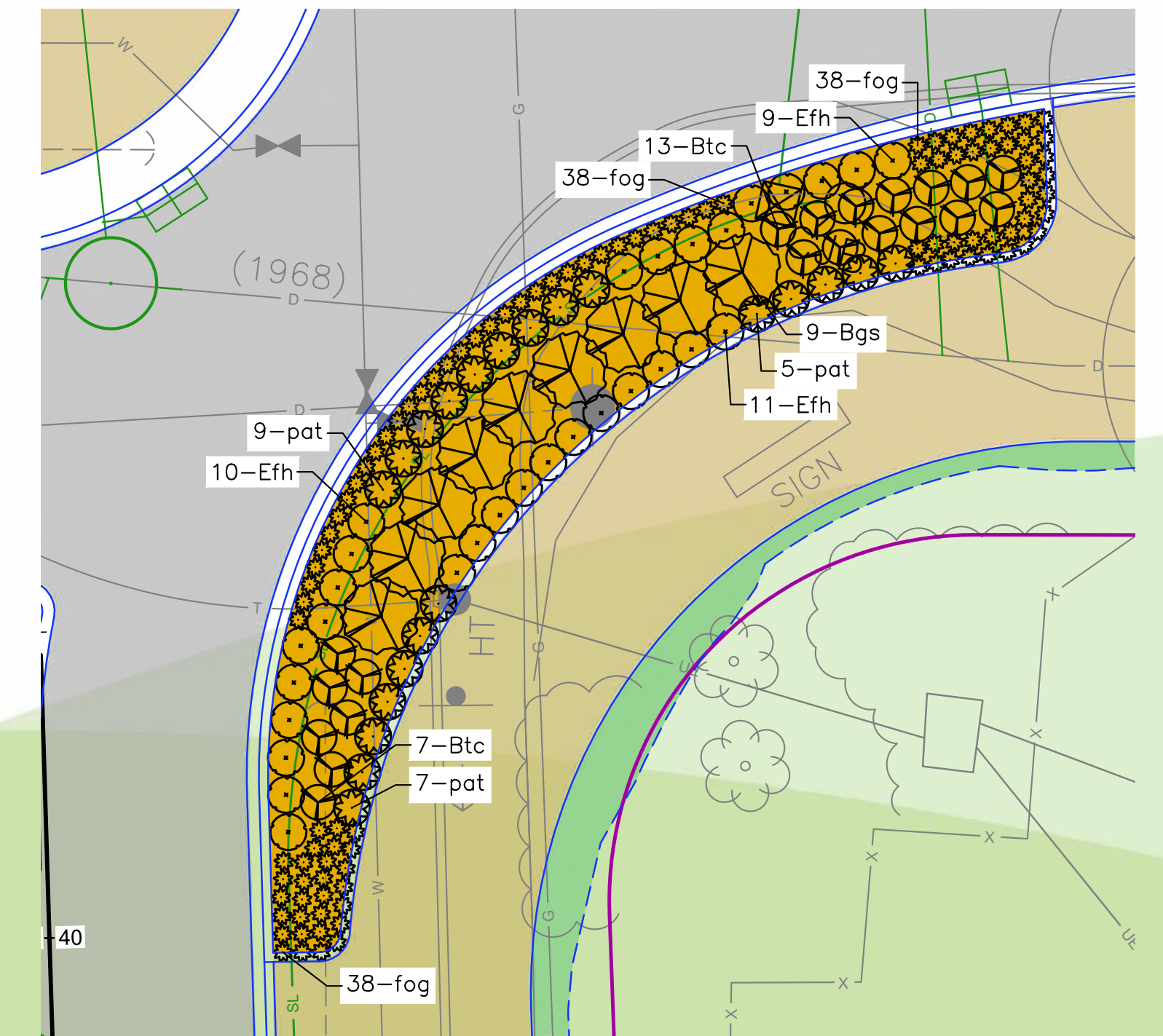
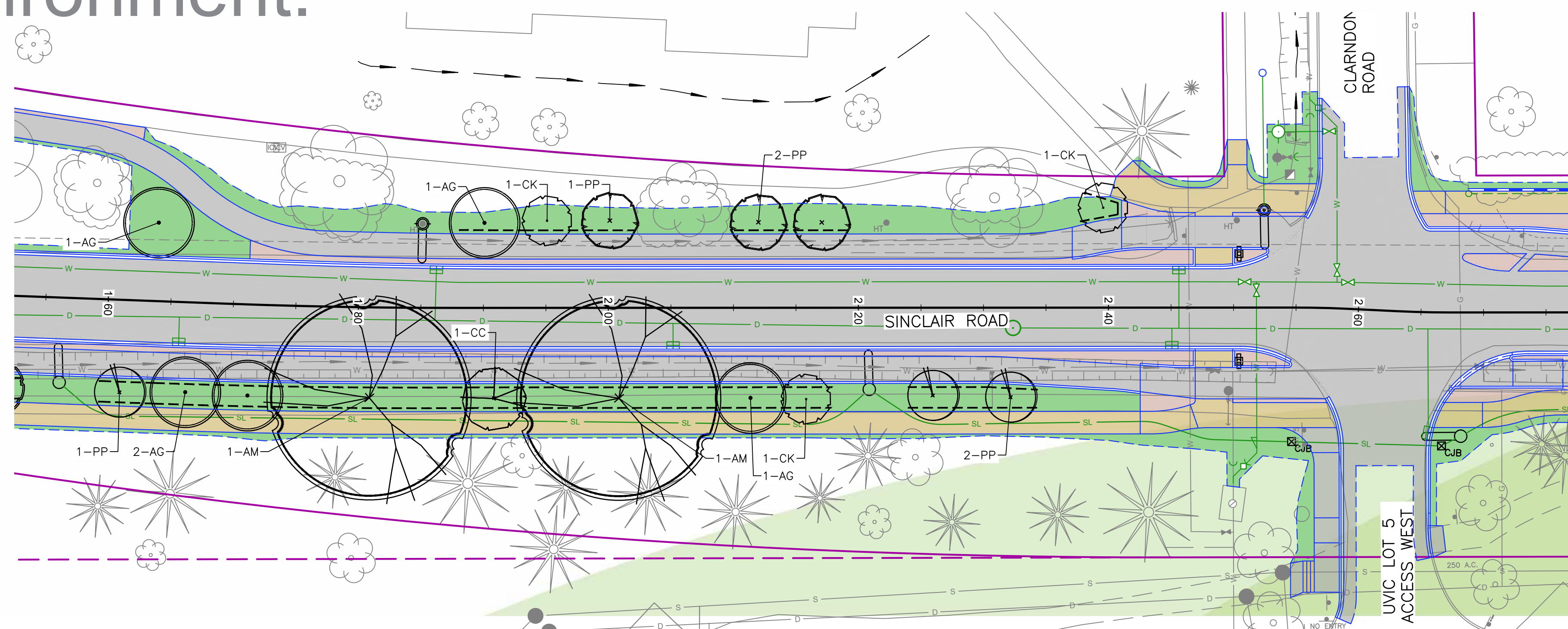
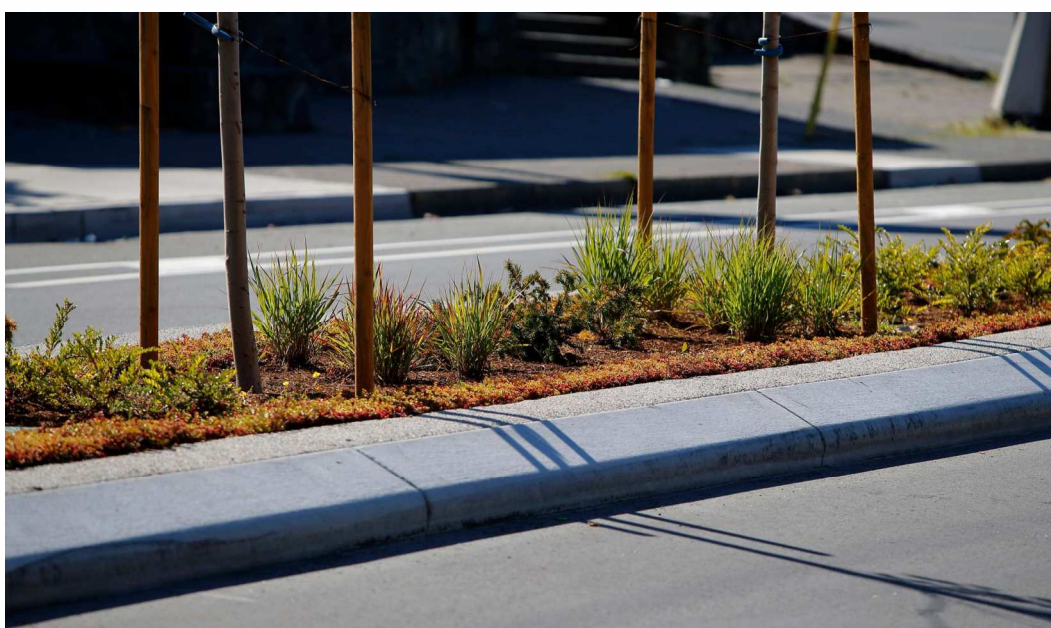
- Creates a gateway for residents and visitors to Cadboro Bay
- Highlights the Village and Beach



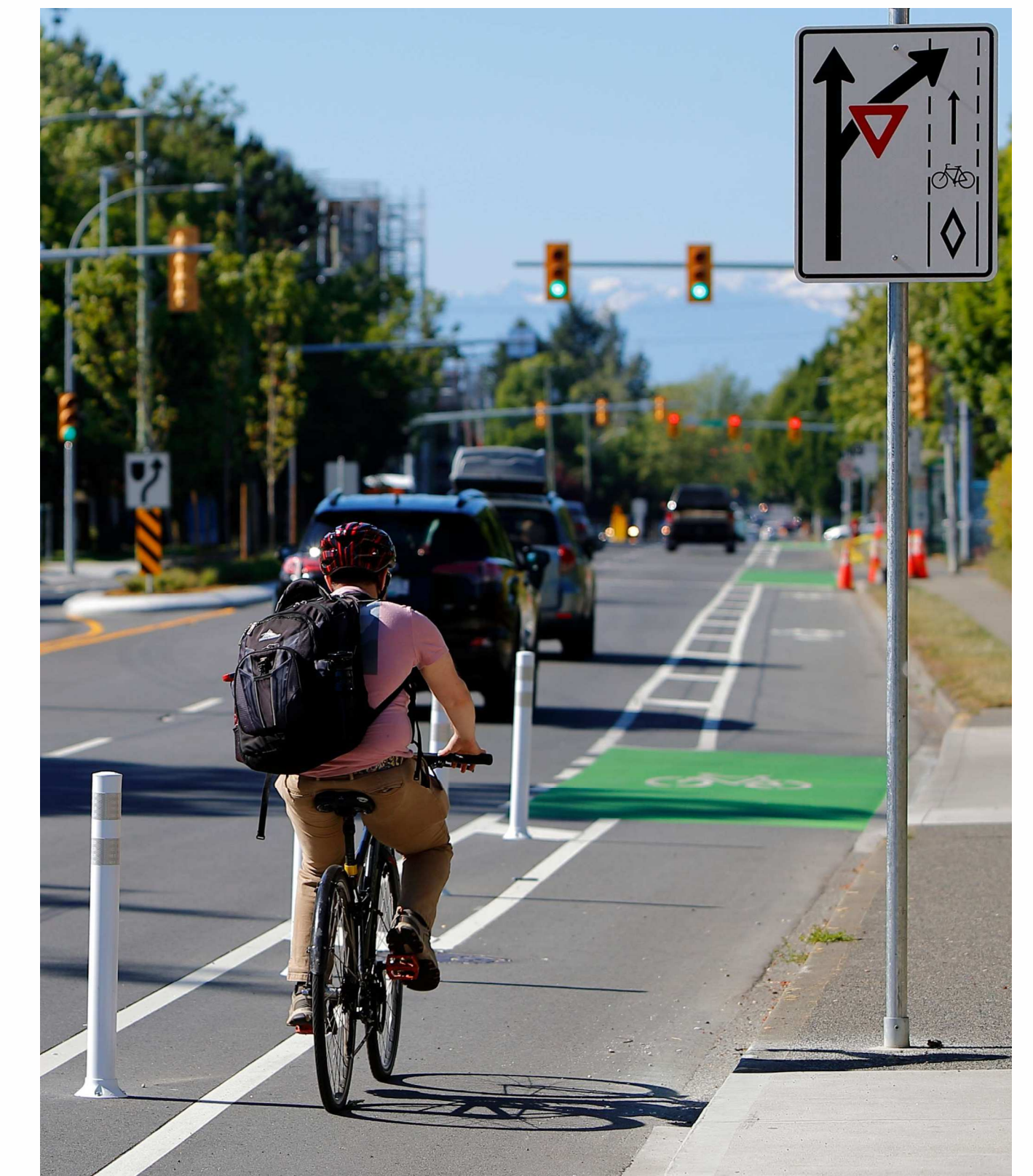
# Landscaping

- The landscape design focuses on boulevard tree planting and shrub/ perennial beds.
- Tree areas and planting areas include irrigation to ensure establishment of the plants.
- All plantings are designed to be native, drought tolerant and resistant to pest.
- The design increases the tree canopy coverage to align with Saanich's urban forestry goals and enhance the natural environment.

PROPOSED PLANTING SCHEDULE					
QTY	SYM	BOTANICAL NAME	COMMON NAME	SIZE	NOTES
<b>EVERGREEN TREES</b>					
4	PM	<i>Pseudotsuga menziesii</i>	Douglas Fir	2500 mm ht.	B&B: WIRE BASKET, UNIFORM BRANCHING, SINGLE STRAIGHT LEADER
10	PO	<i>Picea omorika 'Bruns'</i>	Brun's Serbian Spruce	2500 mm ht.	B&B: WIRE BASKET, UNIFORM BRANCHING, SINGLE STRAIGHT LEADER
<b>DECIDUOUS TREES</b>					
4	AM	<i>Acer macrophyllum</i>	Big Leaf Maple	60 mm cal.	B&B: WIRE BASKET, UNIFORM BRANCHING, SINGLE STRAIGHT LEADER
7	AG	<i>Amelanchier x Grandiflora 'Autumn Brilliance'</i>	Autumn Brilliance Serviceberry	60 mm cal.	B&B: WIRE BASKET, UNIFORM BRANCHING, SINGLE STRAIGHT LEADER
4	CC	<i>Cercis canadensis</i>	Eastern Redbud	60 mm cal.	B&B: WIRE BASKET, UNIFORM BRANCHING, SINGLE STRAIGHT LEADER
8	CK	<i>Cornus kousa x nuttallii 'Venus'</i>	Venus Dogwood	60 mm cal.	B&B: WIRE BASKET, UNIFORM BRANCHING, SINGLE STRAIGHT LEADER
6	CL	<i>Crataegus x lavaliei</i>	Lavalle Hawthorn	60 mm cal.	B&B: WIRE BASKET, UNIFORM BRANCHING, SINGLE STRAIGHT LEADER
4	FP	<i>Fraxinus pennsylvanica 'Patmore'</i>	Patmore Green Ash	60 mm cal.	B&B: WIRE BASKET, UNIFORM BRANCHING, SINGLE STRAIGHT LEADER
7	MR	<i>Malus 'Royal Raindrops'</i>	Royal Raindrops Crabapple	60 mm cal.	B&B: WIRE BASKET, UNIFORM BRANCHING, SINGLE STRAIGHT LEADER
11	PP	<i>Parrotia persica 'Ruby Vase'</i>	Ruby Vase Persian Ironwood	60 mm cal.	B&B: WIRE BASKET, UNIFORM BRANCHING, SINGLE STRAIGHT LEADER
2	QG	<i>Quercus garryana</i>	Garry Oak	60 mm cal.	B&B: WIRE BASKET, UNIFORM BRANCHING, SINGLE STRAIGHT LEADER
<b>EVERGREEN SHRUBS</b>					
116	Efh	<i>Euonymus fortunei 'Harlequin'</i>	Harlequin Wintercreeper	600 mm spr.	SHRUBS TO BE FULL AND HAVE NATURAL FORM
<b>DECIDUOUS SHRUBS</b>					
86	Btc	<i>Berberis thunbergii 'Concorde'</i>	Concorde Japanese Barberry	600 mm ht.	SHRUBS TO BE FULL AND HAVE NATURAL FORM
37	Bss	<i>Buxus sempervirens 'Suffruticosa'</i>	Boxwood	600 mm ht.	SHRUBS TO BE FULL AND HAVE NATURAL FORM
<b>PERENNIALS/ GRASSES</b>					
452	fog	<i>Festuca ovina 'Glauc'</i>	Blue Sheep Fescue	2 yr Old	CONTAINER GROWN - NO BARE ROOTS
95	pat	<i>Perovskia atriplicifolia</i>	Russian Sage	2 yr Old	CONTAINER GROWN - NO BARE ROOTS



# Proposed Facilities

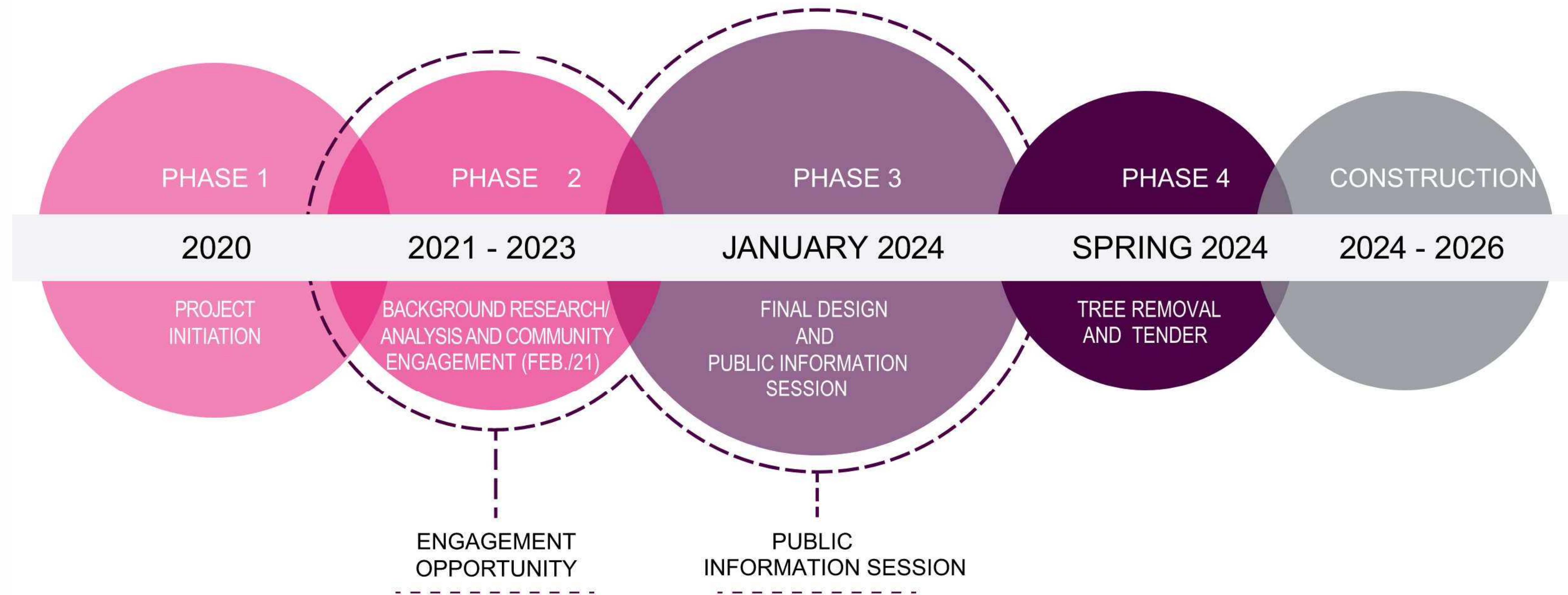


Crosswalks with Rapid Flashing Beacons and Tactile Warning Strips

Multiuse Pathways

Separated Cycling Lanes

# Timeline



# Next Steps



- Tree Removals February 2024 prior to nesting window
- Tender for Construction Spring 2024
- Construction notifications will be sent out to residents with updated schedule once contractor is retained
- Construction approximately 18 months

