



CITY OF
BAINBRIDGE ISLAND

**CITY COUNCIL STUDY SESSION
TUESDAY, DECEMBER 05, 2023**

COUNCIL CHAMBERS
280 MADISON AVENUE NORTH
BAINBRIDGE ISLAND, WA

AND

ZOOM WEBINAR

PLEASE CLICK THE LINK BELOW TO JOIN THE WEBINAR:

[HTTPS://BAINBRIDGEWA.ZOOM.US/J/92947338351](https://bainbridgewa.zoom.us/j/92947338351)

OR TELEPHONE: US: +1 253 215 8782

WEBINAR ID: 929 4733 8351

AGENDA

1. **CALL TO ORDER / ROLL CALL - 6:00 PM**
2. **APPROVAL OF AGENDA / CONFLICT OF INTEREST DISCLOSURE - 6:05 PM**
3. **REGULAR BUSINESS**
 - 3.A **(6:10 PM) Present Eagle Harbor Drive/Wyatt Way Non-Motorized Improvements Project 30% Design - Public Works, 30 Minutes**
[EHD Final 30 Design Alts 120523 City Council.pdf](#)
4. **COMMITTEE REPORTS - 6:40 PM**
5. **ADJOURNMENT - 6:50 PM**

GUIDING PRINCIPLES

Guiding Principle #1 - Preserve the special character of the Island, which includes downtown Winslow's small town atmosphere and function, historic buildings, extensive forested areas, meadows, farms, marine views and access, and scenic and winding roads supporting all forms of transportation.

Guiding Principle #2 - Manage the water resources of the Island to protect, restore and maintain their

ecological and hydrological functions and to ensure clean and sufficient groundwater for future generations.

Guiding Principle #3 - Foster diversity with a holistic approach to meeting the needs of the Island and the human needs of its residents consistent with the stewardship of our finite environmental resources.

Guiding Principle #4 - Consider the costs and benefits to Island residents and property owners in making land use decisions.

Guiding Principle #5 - The use of land on the Island should be based on the principle that the Island's environmental resources are finite and must be maintained at a sustainable level.

Guiding Principle #6 - Nurture Bainbridge Island as a sustainable community by meeting the needs of the present without compromising the ability of future generations to meet their own needs.

Guiding Principle #7 - Reduce greenhouse gas emissions and increase the Island's climate resilience.

Guiding Principle #8 - Support the Island's Guiding Principles and Policies through the City's organizational and operating budget decisions.



City Council meetings are wheelchair accessible. Assisted listening devices are available in Council Chambers. If you require additional ADA accommodations, please contact the City Clerk's Office at 206-780-8604 or cityclerk@bainbridgewa.gov by noon on the day preceding the meeting.



CITY OF
BAINBRIDGE ISLAND

City Council Study Session Agenda Bill

MEETING DATE: December 5, 2023

ESTIMATED TIME: 30 Minutes

AGENDA ITEM: (6:10 PM) Present Eagle Harbor Drive/Wyatt Way Non-Motorized Improvements Project 30% Design - Public Works,

SUMMARY: Staff will present the 30% design plans for the Eagle Harbor Drive/Wyatt Way Non-Motorized Improvements project. At the July 11, 2023 meeting, Council directed staff to proceed with "Alternative D," a two-sided bike lane facility, and to explore alternatives to allow a mountable curb.

The presentation includes two options for one section of the project (in front of Greenlight Garage), as well as two other options which change the type of separation between the bike and vehicle travel lanes and one option which extends the length of the project.

AGENDA CATEGORY: Discussion

PROPOSED BY: Public Works

RECOMMENDED MOTION: Discussion only.

COMMUNITY ENGAGEMENT AND OUTREACH: Community engagement opportunities were held in early and mid 2023.

FISCAL IMPACT:

Amount:	N/A
Ongoing Cost:	N/A
One-Time Cost:	N/A
Included in Current Budget?	Yes

BACKGROUND: At the Regular Business Meeting on February 14, 2023, the City Council authorized proceeding with the preliminary design for the Eagle Harbor Drive/Wyatt Way Non-Motorized Improvement Project. On May 23, 2023, the City Council received a briefing from staff on several design alternatives for consideration, as well as a summary of public engagement on the alternatives. On June 20, 2023, the City Council attended a field trip to the project's corridor and asked staff questions about the two alternative designs. On July 11, 2023, the City Council authorized the City Manager to proceed with Alternative D - bikes lanes on both sides of the corridor - for the final design of the Eagle Harbor Drive/Wyatt Way Non-Motorized Improvement Project.

The final project plans, permitting and right-of-way acquisition must be completed by June 1, 2024.

This project consists of a partially federally funded project of non-motorized, traffic calming and intersection safety improvements on Eagle Harbor Drive NE and Wyatt Way NW from the intersection of Wyatt Way and Ashbury Court west to Finch Road and then south along Eagle Harbor Drive. Other related improvements include stormwater conveyance, lighting and fish passage improvements along Cooper Creek.

The attached 30% plans (prepared by the City's consultant, Perteet, with direction from City staff) include alternatives for Council discussion, including design options for the frontage of the Greenlight Garage and options for increasing protection for bicyclists along the corridor via barricades or vertical separation. Information is also presented for an option to increase the project by adding a section along an uphill section of Bucklin Hill Road.

ATTACHMENTS:

[EHD Final 30 Design Alts 120523 City Council.pdf](#)

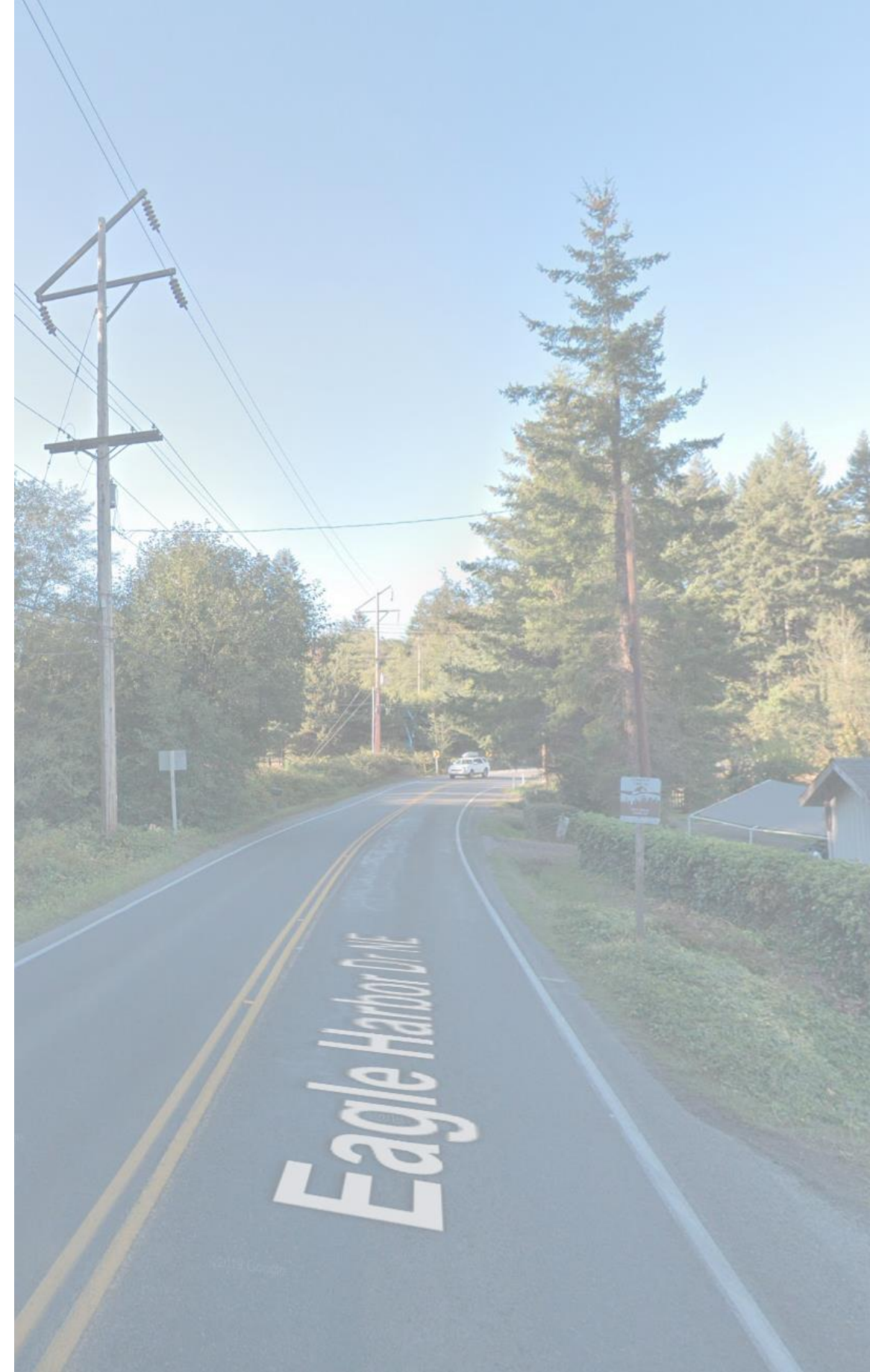
FISCAL DETAILS: N/A

Fund Name(s): Capital Construction Fund

Coding: N/A

Eagle Harbor/Wyatt Non-Motorized Improvements

30% Design



Overview

1. Factors guiding 30% design
2. 30% design overview
3. Alternatives for consideration
 - Bike lane design at Green Light Garage
 - Other design substitutions/additions

Three (3) Guiding Factors for Design

1. Council actions
2. Stormwater management considerations
3. Budget/Cost

Three (3) Guiding Factors for Design – Council Action

1. July 11, 2023 City Council motion:

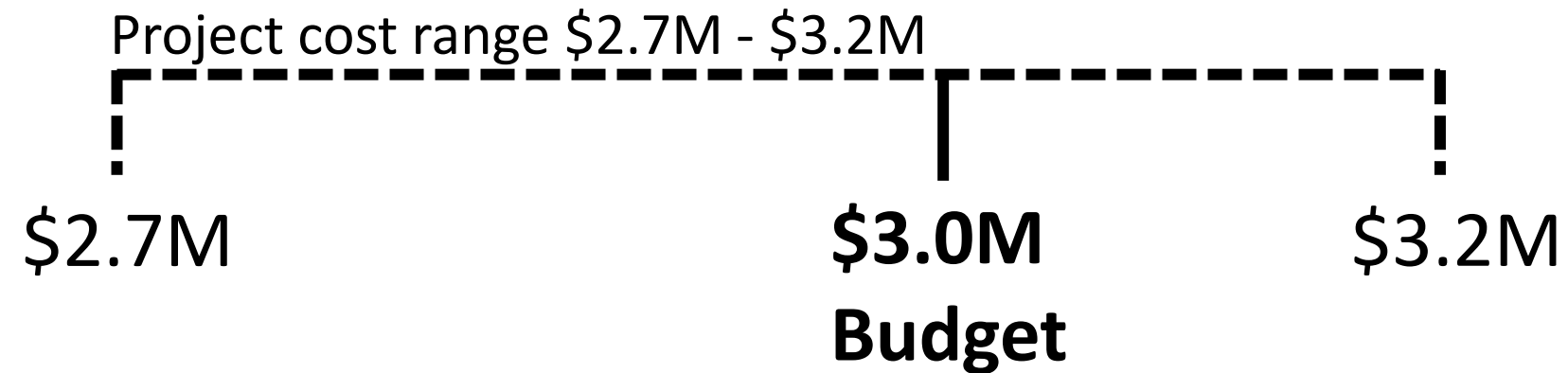
- Proceed with Alternative D and investigate extending the route up Bucklin Hill to Hyla (latter not included due to cost)
- Explore alternatives to allow for a mountable curb to replace the curb in the design

Three (3) Guiding Factors for Design – Stormwater Management

2. As discussed with Council and community, projects with federal grants proposing new impervious (pollution generating) surfaces in critical areas are subject to NOAA/National Marine Fisheries consultation
 - Consultations can take up to 2-years
 - Design proposes minimum amount of new impervious area;
 - Three treatments are used that qualify new impervious areas as non-pollution generating;
 - Wedge curbing
 - Physical separation;
 - Flex post safety barriers

Three (3) Guiding Factors for Design – Budget/Cost

3. Project budget is within the cost estimate range



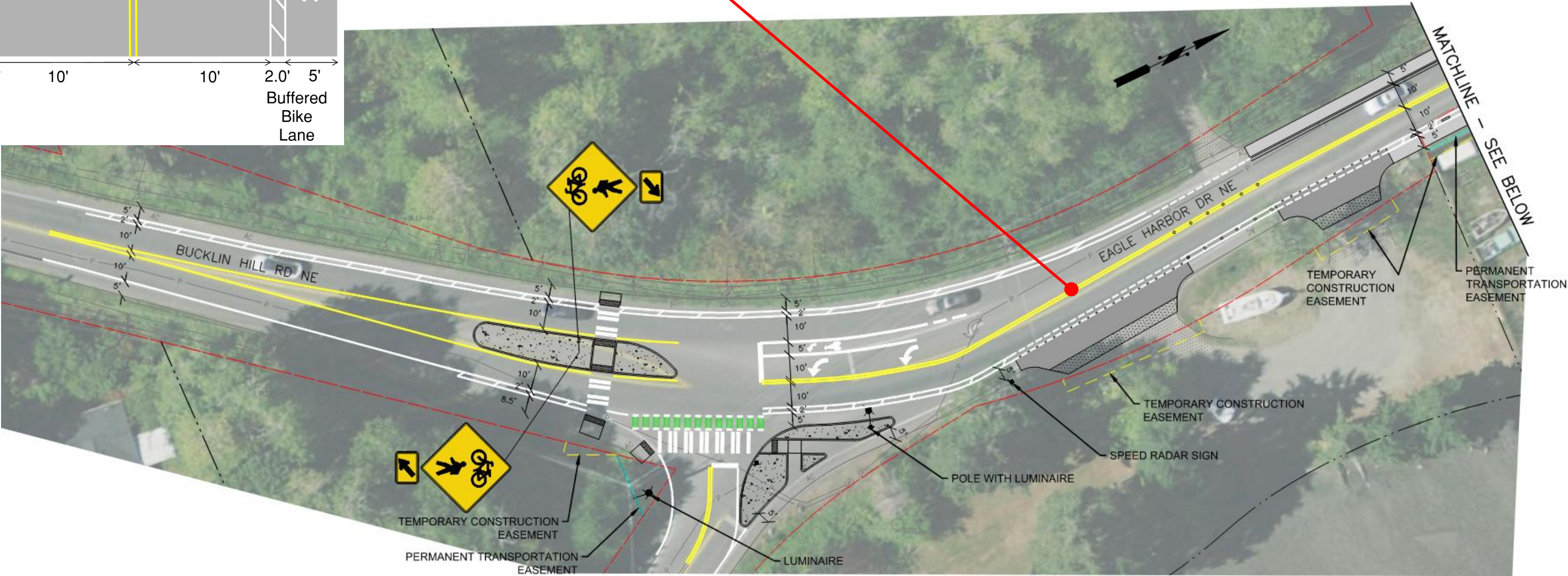
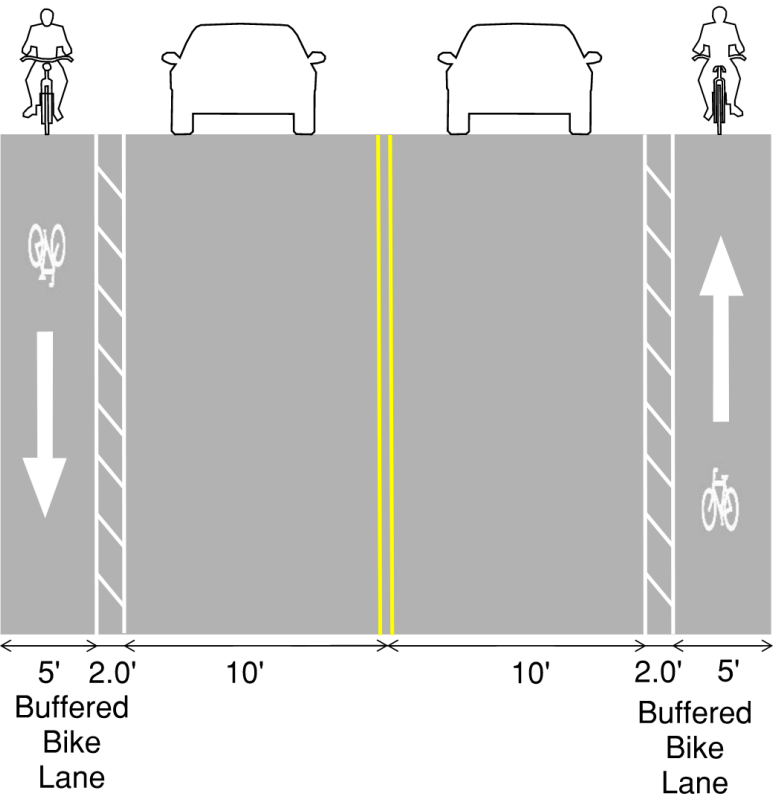
- Within budget range
- Retains 70% (\$1.0M) of available grant funds*

* Retainage of this funding amount will need to be approved by the granting agency in February 2024

30% Design – Project Location Map



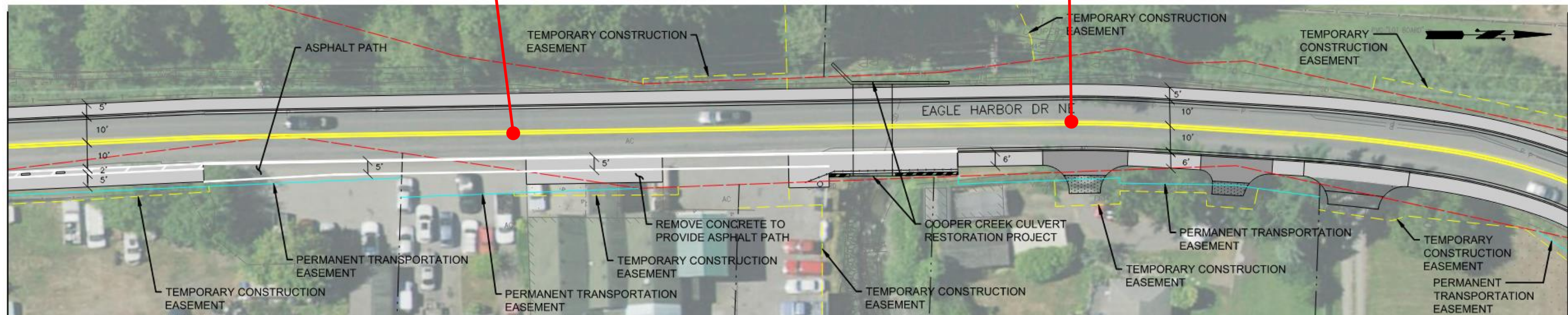
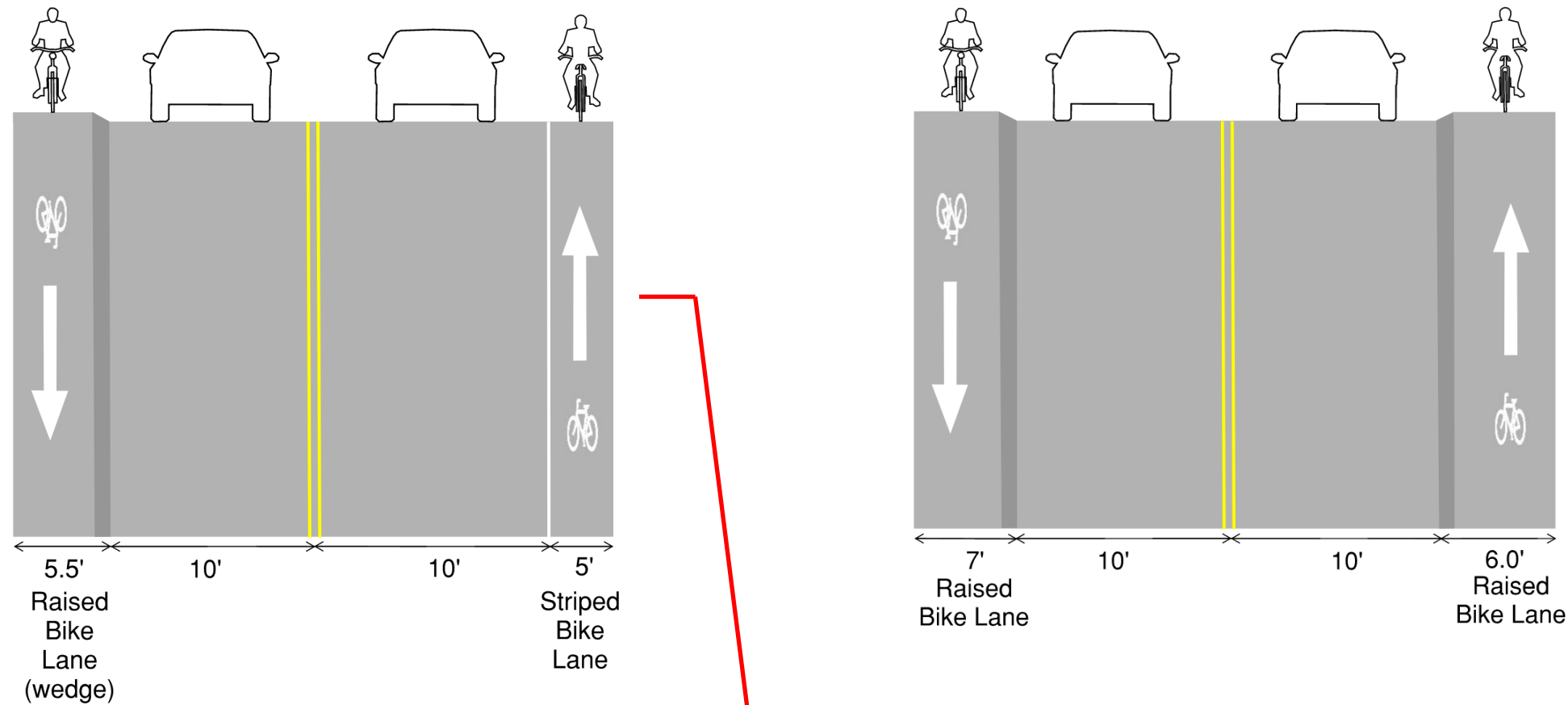
30% Design Segment #1



Eagle Harbor/Wyatt Non-Motorized Improvements

December 5, 2023

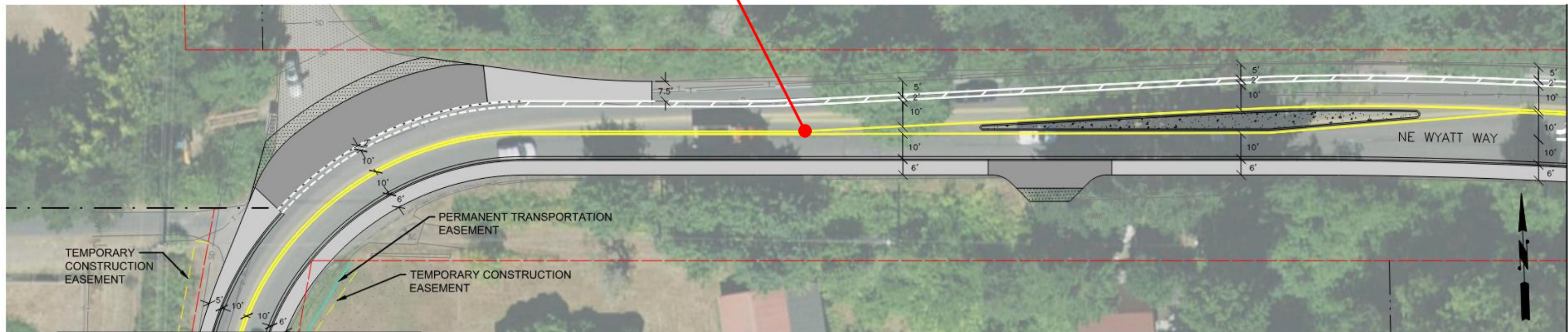
30% Design Segment #2A & 2B



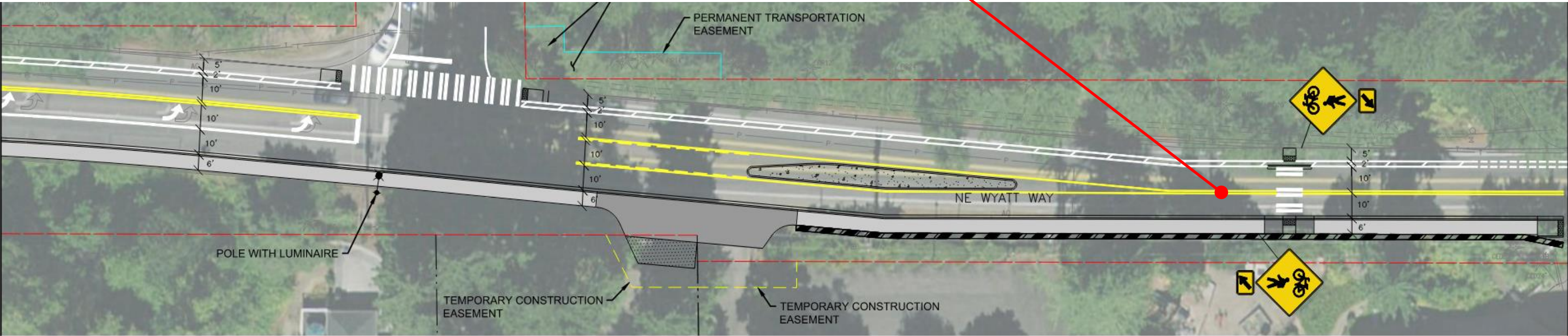
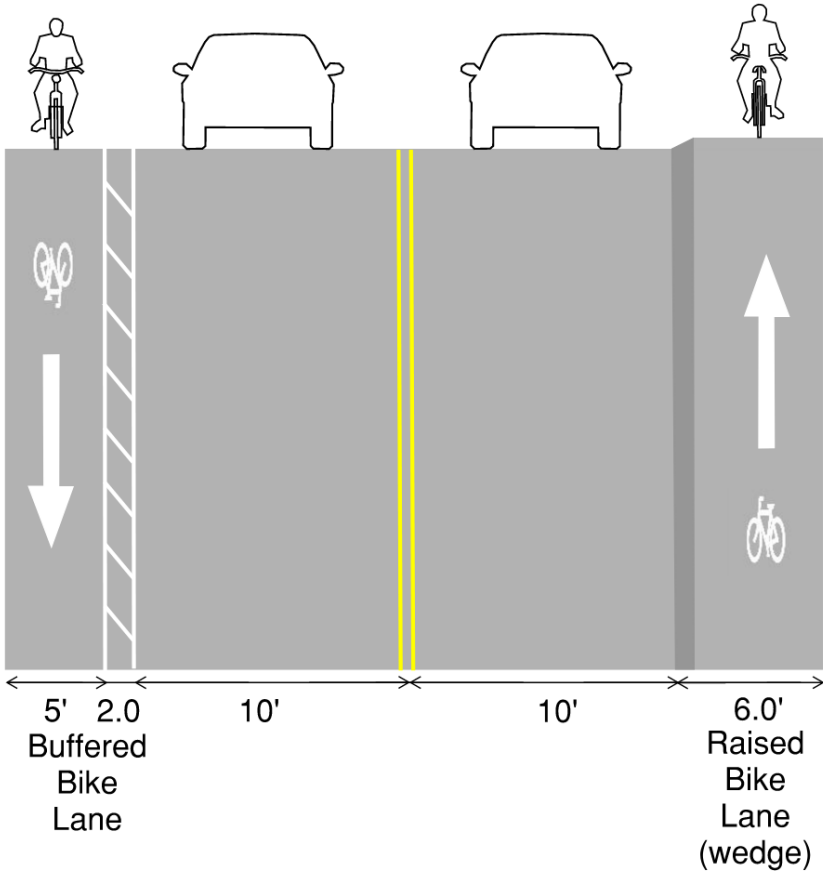
The diagram illustrates a cross-section of a four-lane road. From left to right, the components are:

- 5' Buffered Bike Lane:** Indicated by a downward-pointing arrow and a bicycle icon.
- 2.0' Buffer:** A narrow section between the buffered bike lane and the first travel lane.
- 10' Travel Lane:** The first of two main travel lanes.
- 10' Travel Lane:** The second of two main travel lanes.
- 6.0' Raised Bike Lane (wedge):** Indicated by an upward-pointing arrow and a bicycle icon.

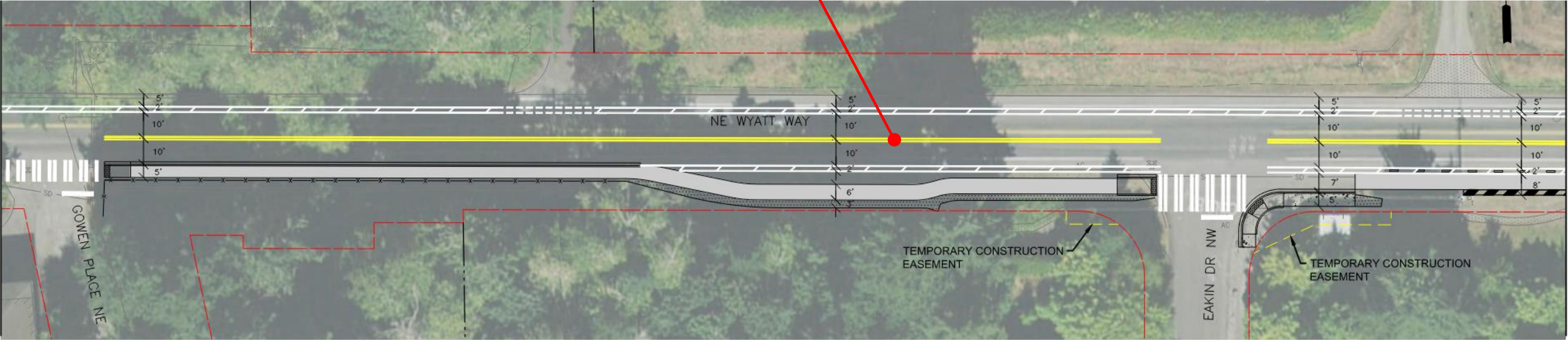
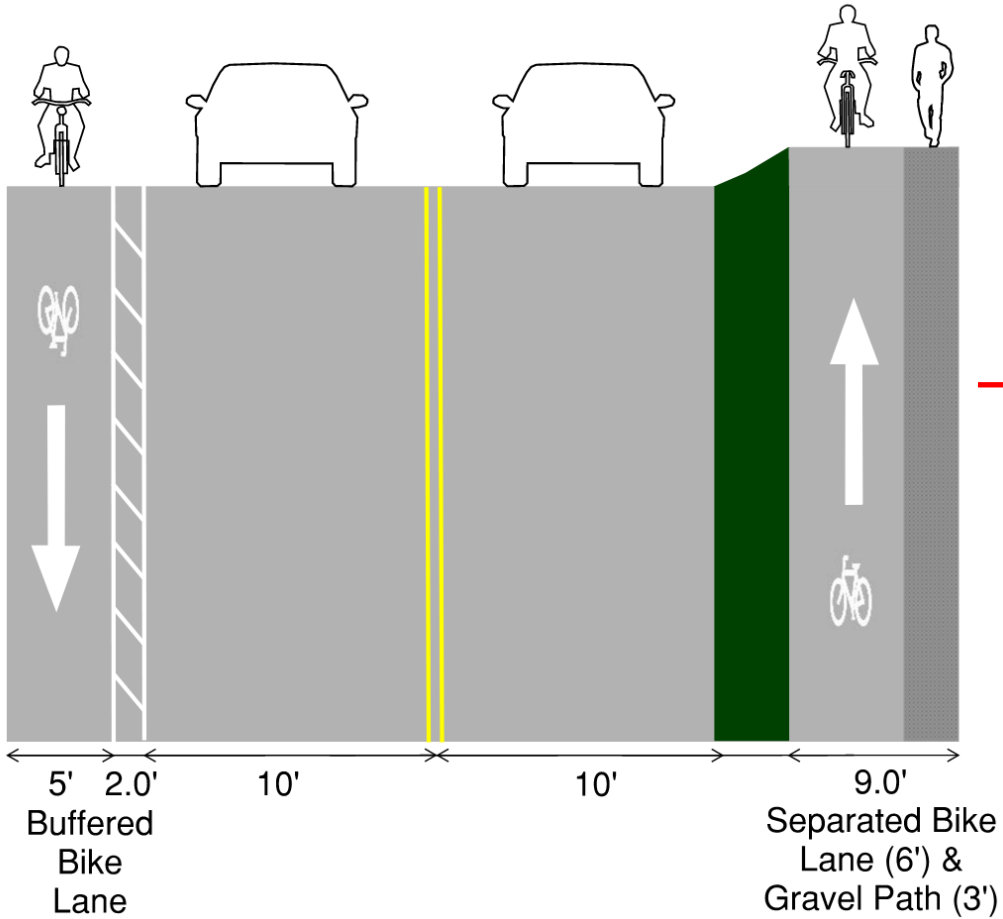
Icons of a cyclist and a car are shown above the respective lanes to provide context.



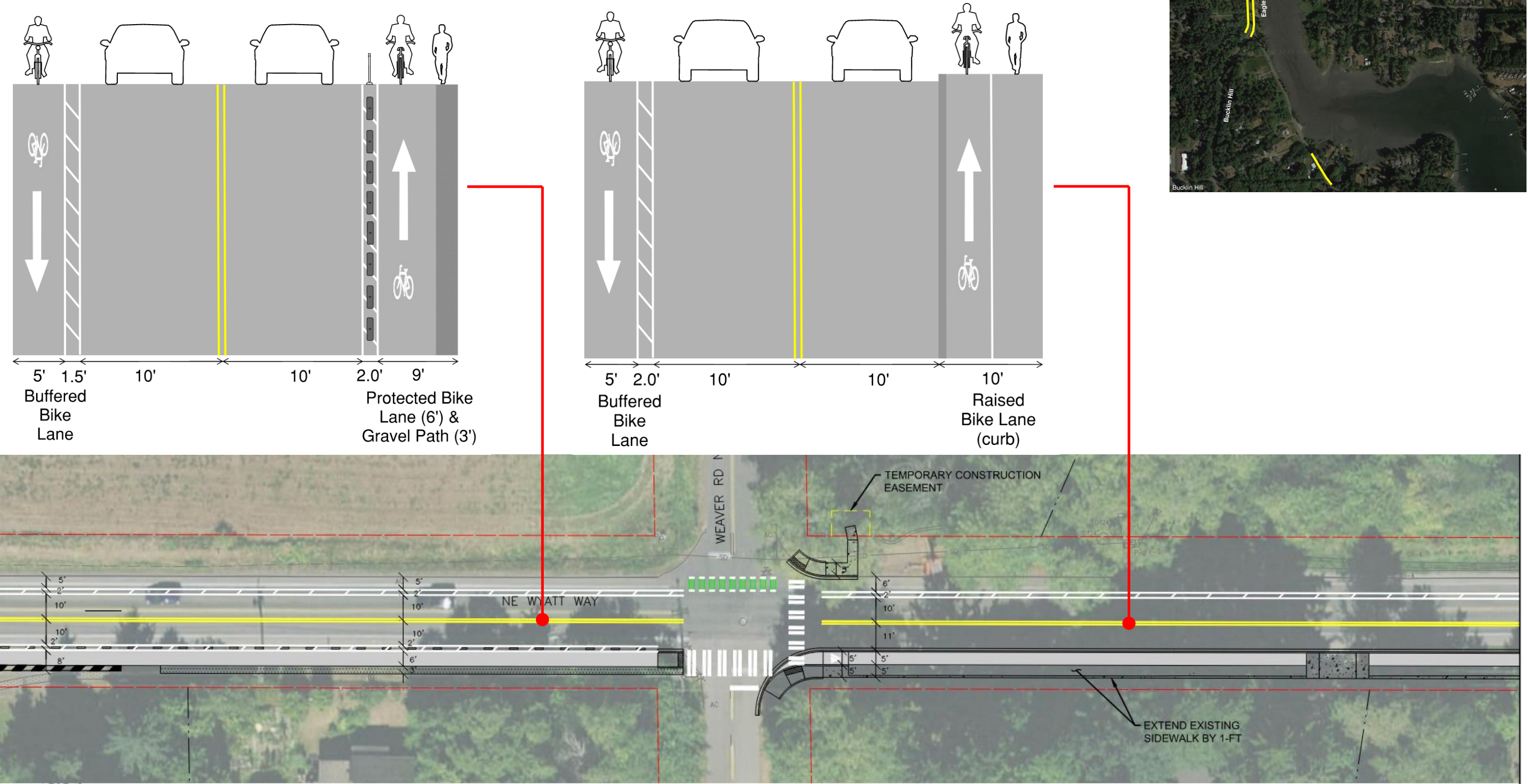
30% Design Segment #3B



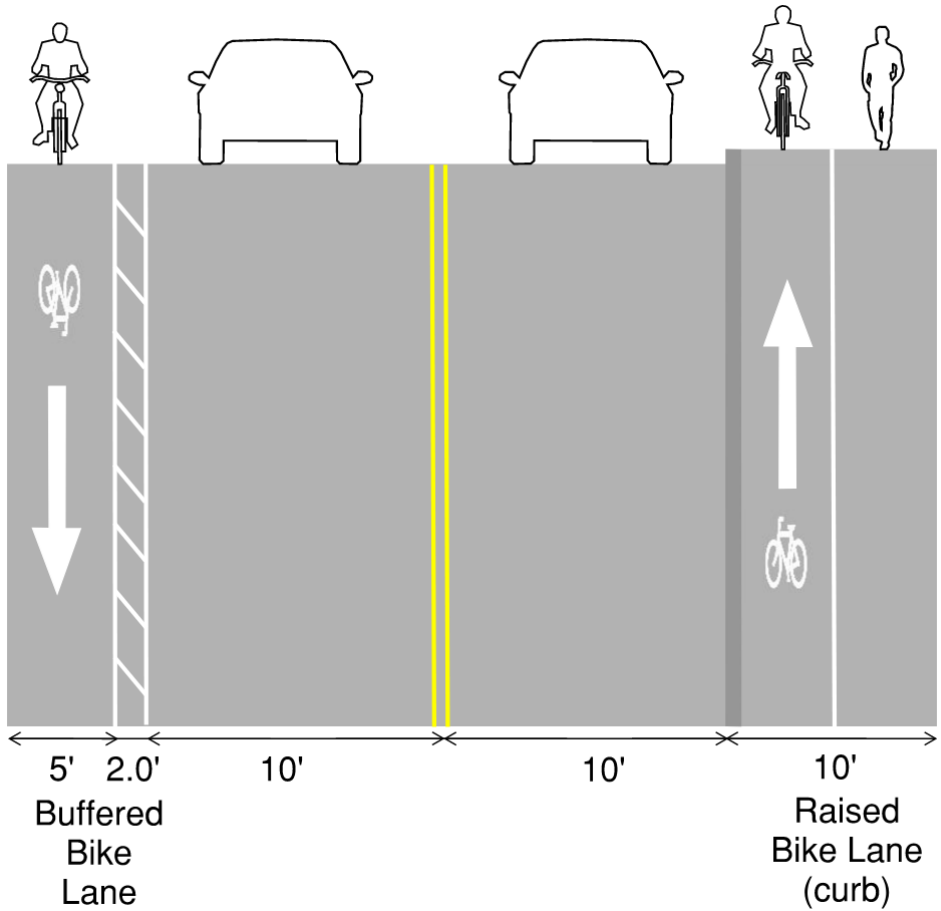
30% Design Segment #4



30% Design Segment #4 & 5A



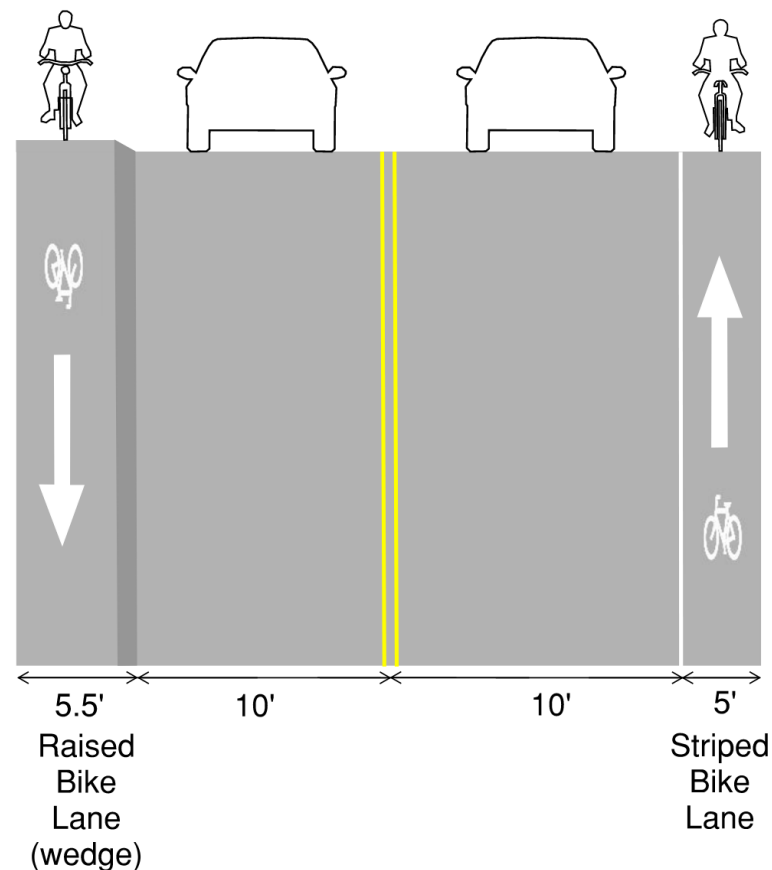
30% Design Segment #5B



Design Alternatives for Consideration – Bike Lane at Greenlight Garage

Alternative 1 of 2

- As shown on proposed 30% design
- Southbound raised 5' bike lane
- Northbound striped 5' bike lane

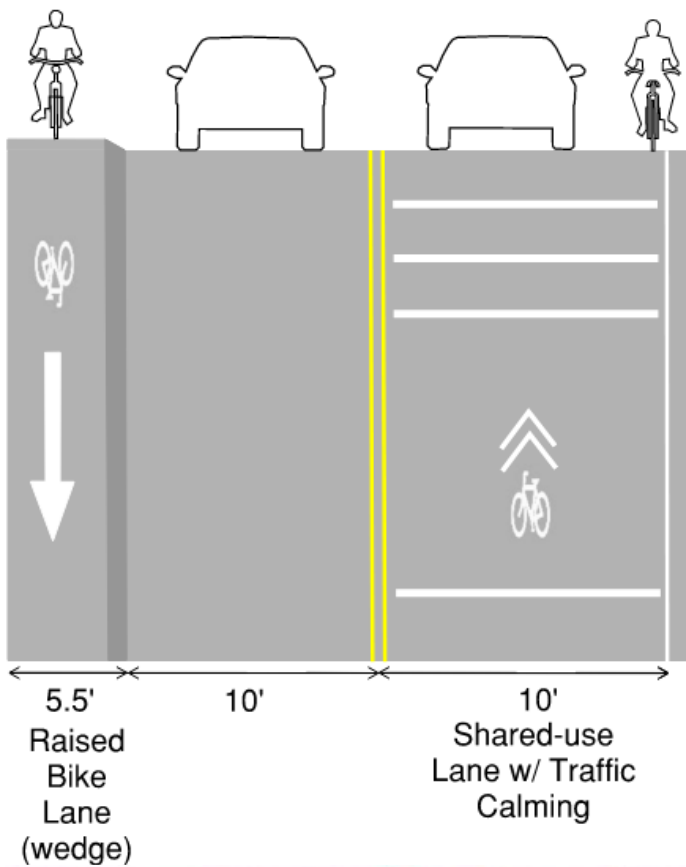


Greenlight/Project Impacts

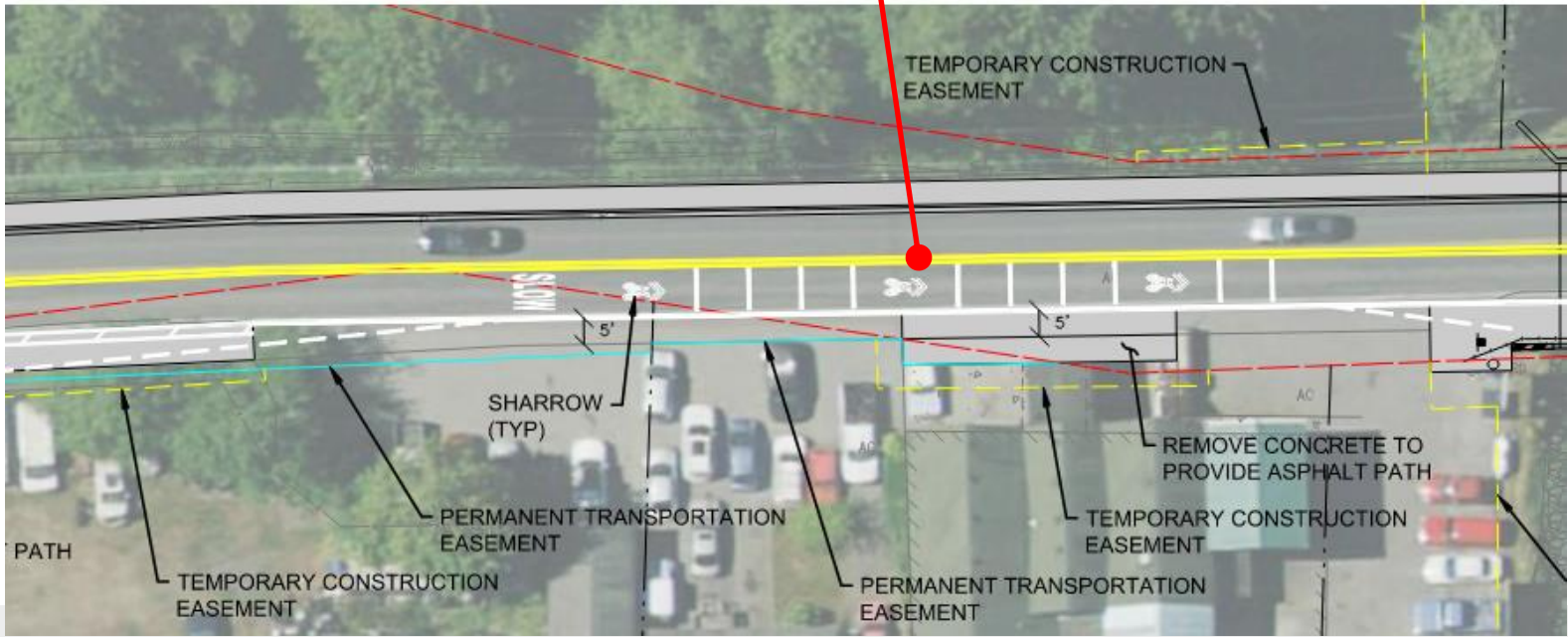
- Striped vehicle lane shifted up to 2' feet closer to garage use
- Striped bike lane an additional 5' closer to garage use
- Total lane shift 7'

Design Alternatives for Consideration – Bike Lane at Greenlight Garage

Alternative 2 of 2



- Southbound raised 5' bike lane
- Northbound 200' shared-use lane and traffic calming



Greenlight/Project Impacts

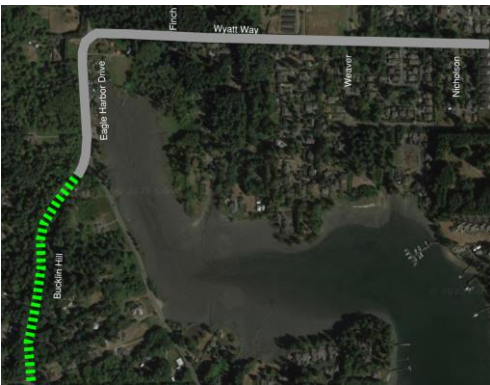
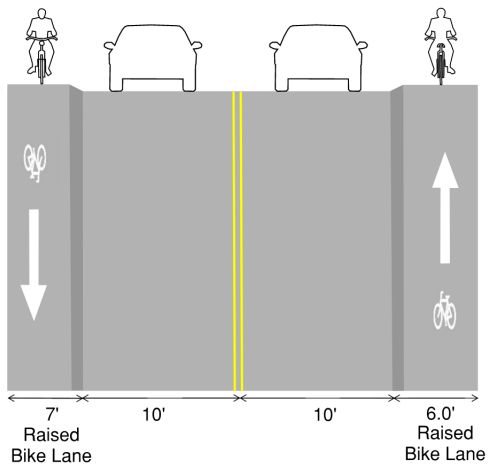
- Striped vehicle lane shifted up to 2' feet closer to garage use
- 200' without a northbound dedicated bike lane

Other Design Alternatives for Consideration

Description

- 1. Increase wedge curb lanes on west/southbound side of corridor
- 2. Add barriers to buffered bike lanes
- 3. Add southbound (uphill) bike lane buffer on Bucklin Hill

Visual



Cost

Add ~\$250K per ¼ mile
(total length = \$750K)

Add up to
~\$300K (total length)

Add ~\$500K

Eagle Harbor/Wyatt Non-Motorized Improvements

30% Design

