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Cañada Road Pavement Preservation Project

Bicycle/Pedestrian Advisory Committee

October 19, 2023

County of San Mateo
Department of Public Works

Presented by: Tim Cheng, PE, TE

COUNTY OF **SAN MATEO**



Agenda

- Purpose
- Recognize Stakeholders
- Scope of Work
- Projected Project Milestones
- Overview
- Proposed Improvements
- Questions and Received Feedback



Purpose:

Improve **Safety** for all users:

- Reduce Number and Severity of Crashes
- Reduce Vehicular Speeds
- Minimize Multimodal Conflicts
 - Pedestrians
 - Bicyclists
 - Equestrians
 - Motorists

Stakeholders

- San Mateo County Department of Public Works
- San Mateo County Parks
- San Mateo County Office of Sustainability
- Filoli Estates
- Pulgas Water Temple (SF Water)
- BPAC / SVBC / Velo
- Town of Woodside
- California Highway Patrol / Sheriff / Fire
- Caltrans (Hwy 92 and 280)
- Others

Scope of Work – Pavement Preservation Project

1. Pavement Preservation
 - Micro surfacing
2. Striping & Signage
 - Limited to work within existing pavement footprint

*Civil Infrastructure improvements will not be a part of this pavement preservation project and could be considered in a future project with additional funding and coordination with other public agencies



Micro Surfacing



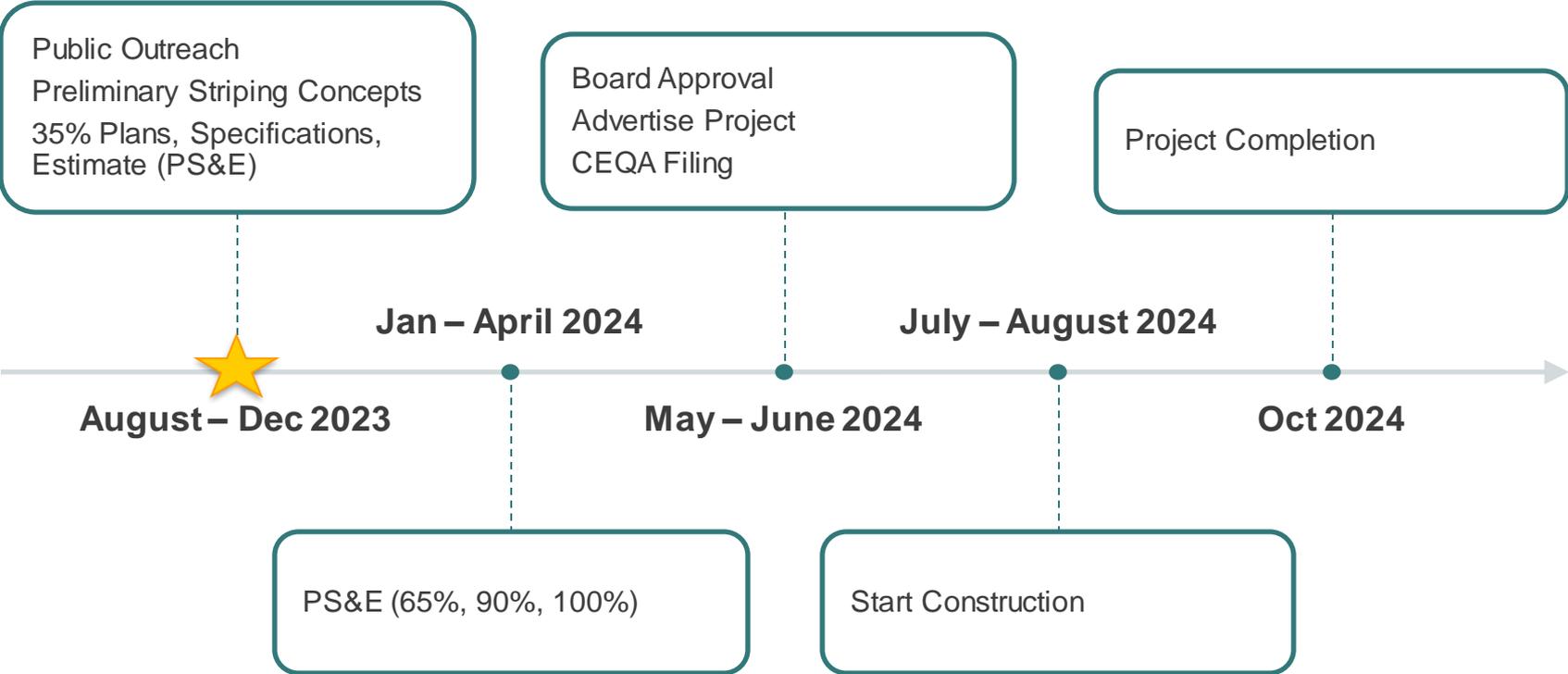
Old Surface

New Surface

Micro Surfacing



Projected Project Milestones



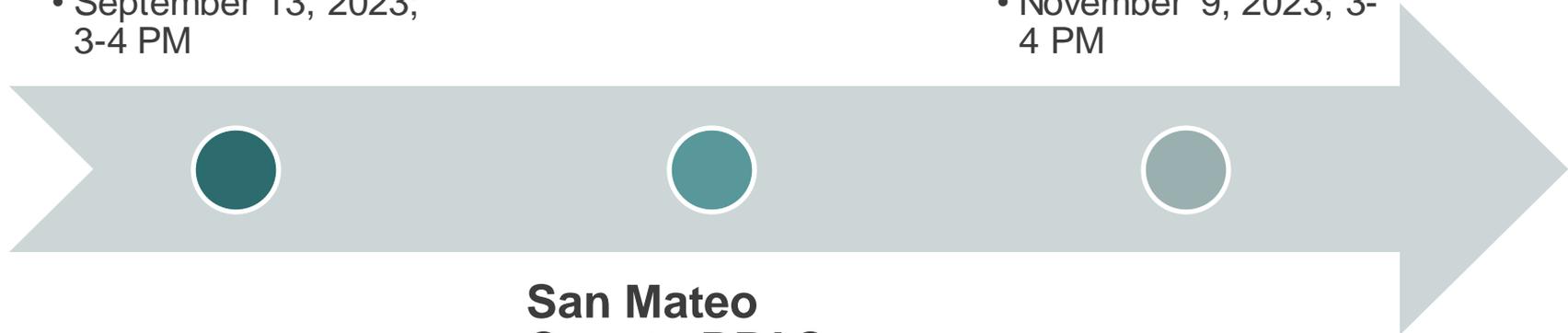
Public Outreach Schedule

Public Outreach Meeting #1

- September 13, 2023; 3-4 PM

Public Outreach Meeting #3

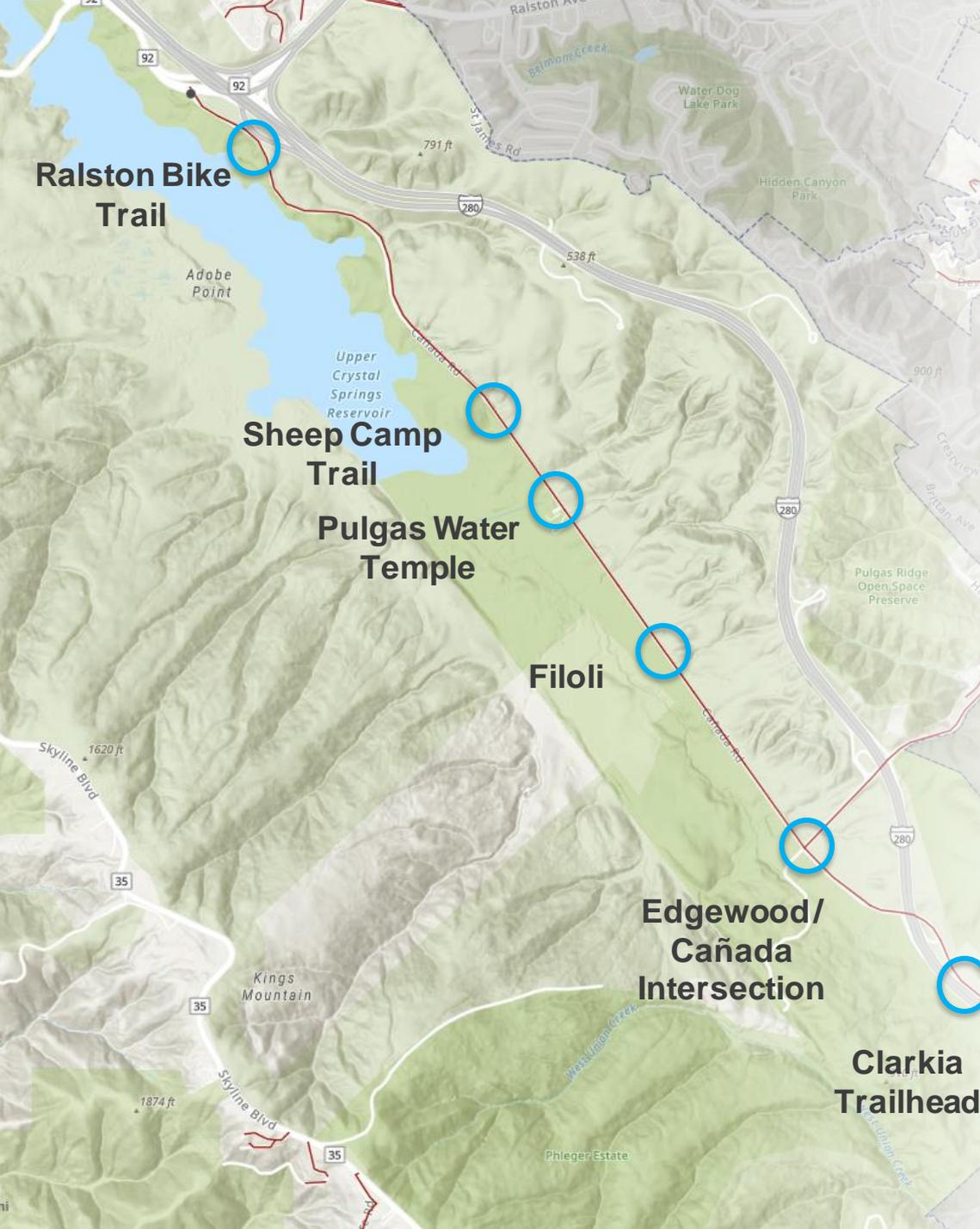
- November 9, 2023; 3-4 PM



San Mateo County BPAC, Meeting #2

- **Today**, October 19, 2023, Starts at 7 PM





Areas of Focus

- Ralston Bike Trail
- Sheep Camp Trail
- Edgewood / Cañada Intersection
- Clarkia Trailhead
- Along County-maintained stretch of Cañada

Ped/Bike Crossing Considerations



Ralston Bike Trail



Existing Conditions (looking north)

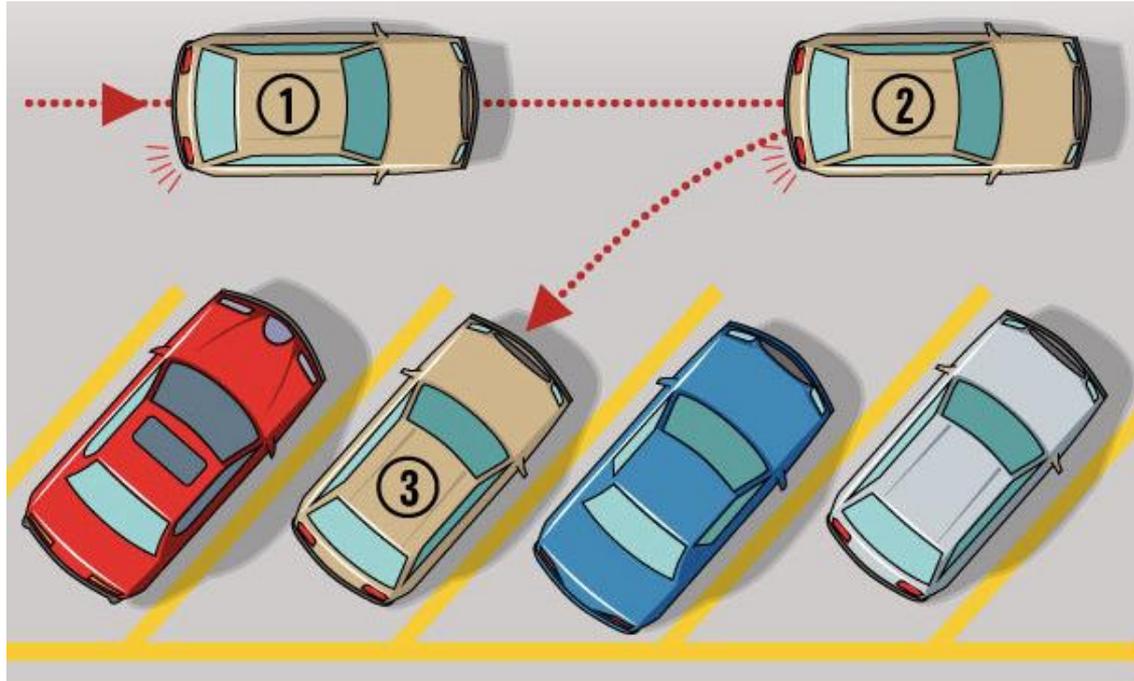
Sheep Camp Trail



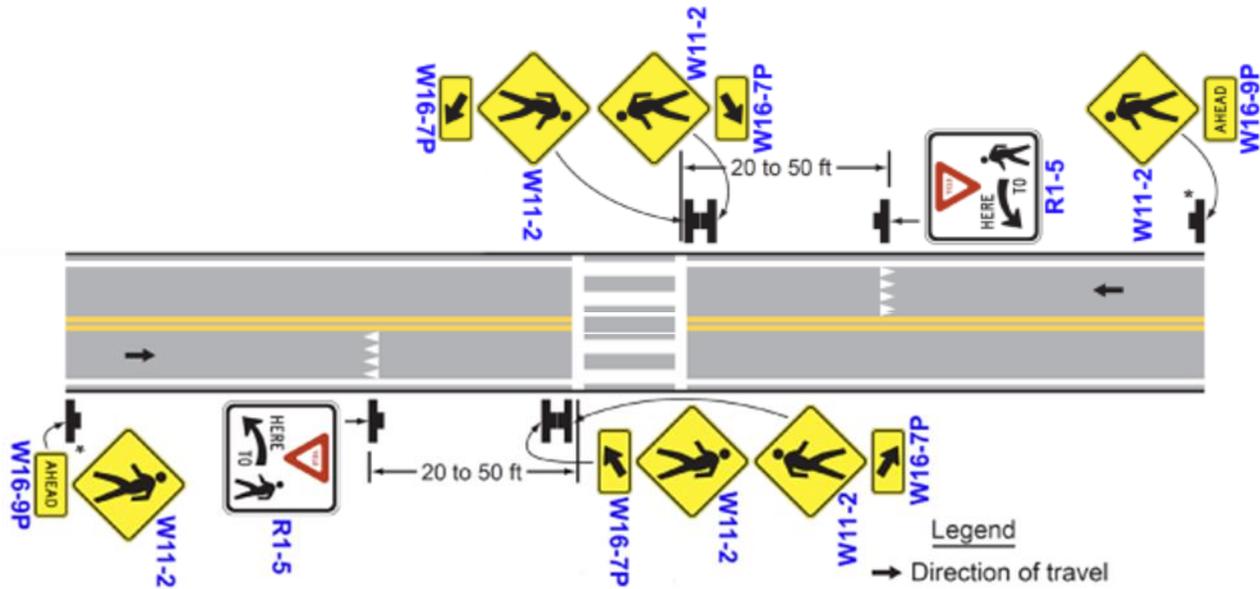
Clarkia Trailhead



Parking Consideration: Reverse Angle Parking



Crossing Consideration: Warning Signage and Yield Triangles



Crossing Consideration: Pedestrian Activated Lighted System



Pedestrian Activated Rectangular Rapid Flashing
Beacons – Castro Street, Mountain View

Crossing Consideration: Trail Gates



Edgewood Road & Cañada Road Intersection



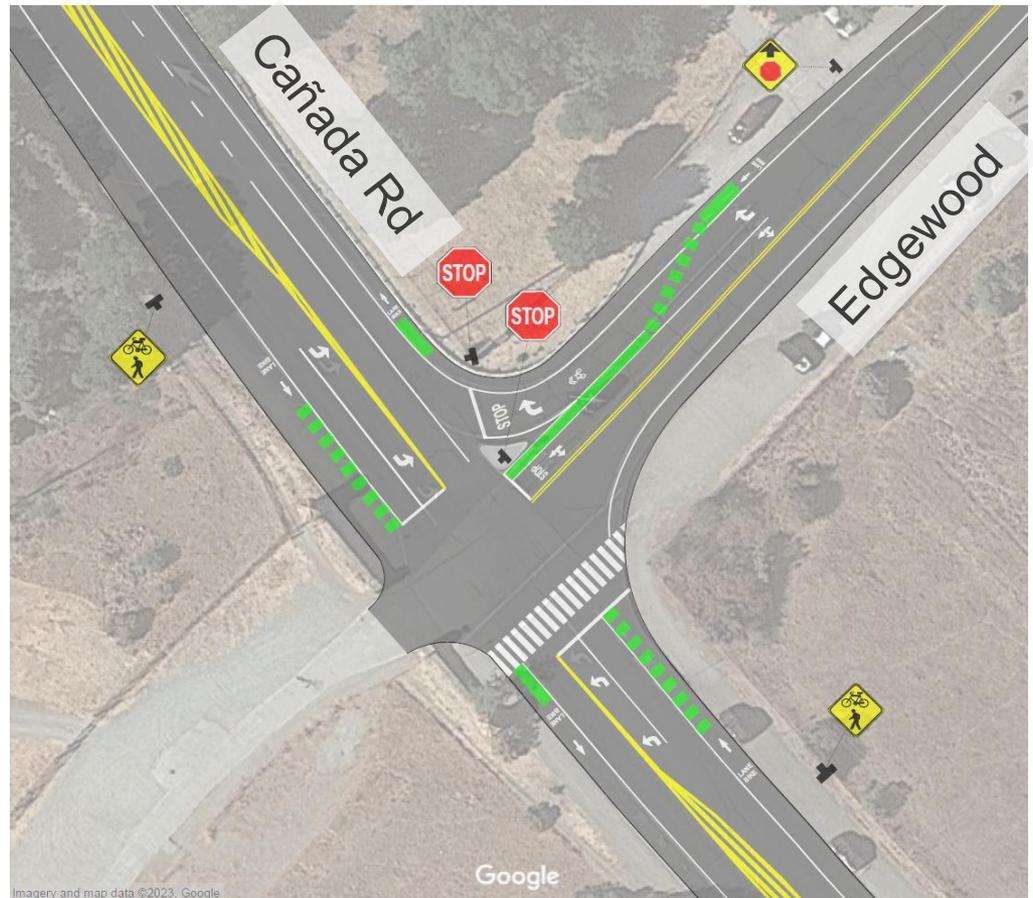
Intersection of Cañada and Edgewood



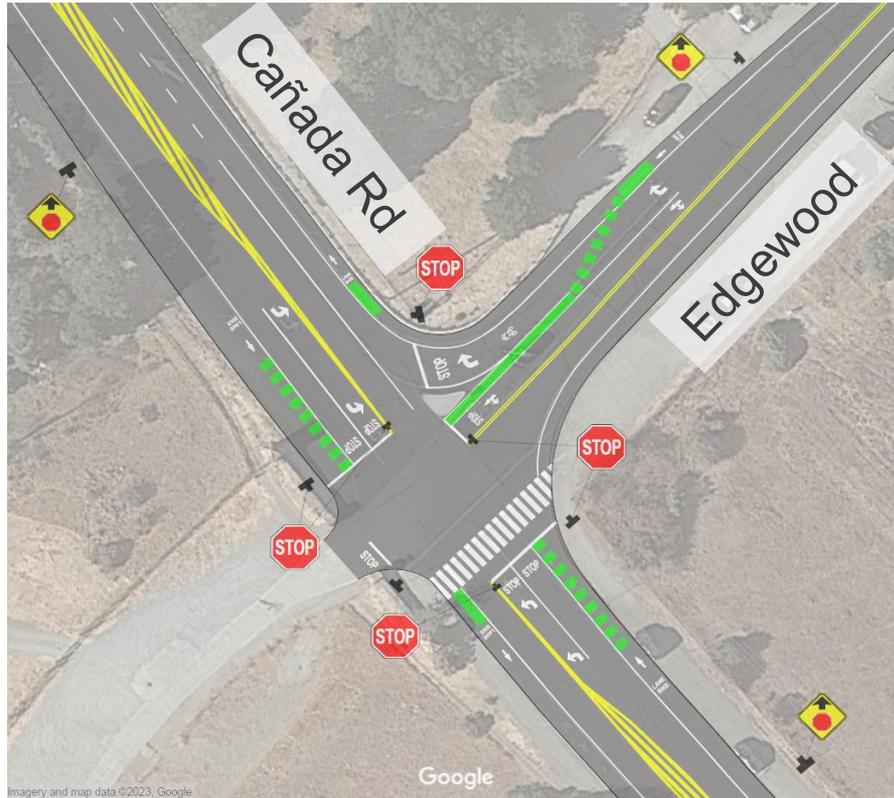
Existing Conditions – Edgewood and Cañada

Proposed Improvements

- Green Bike Lanes and Conflict Zones
- Lane Reconfiguration on Edgewood
- High-Vis Crossing
- Advanced Stop Bar
- Advanced Warning Signage



Consideration: All-way STOP Control



Conceptual All-Way STOP Control Plan

Cañada Road

Between 92 and Palm Circle Road



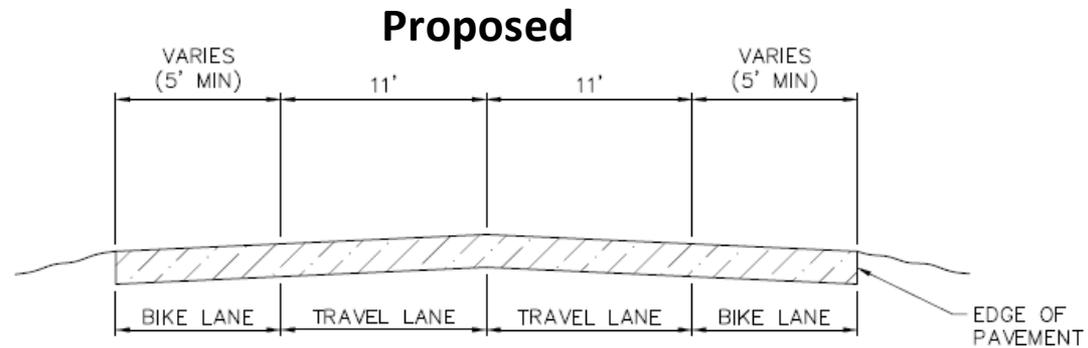
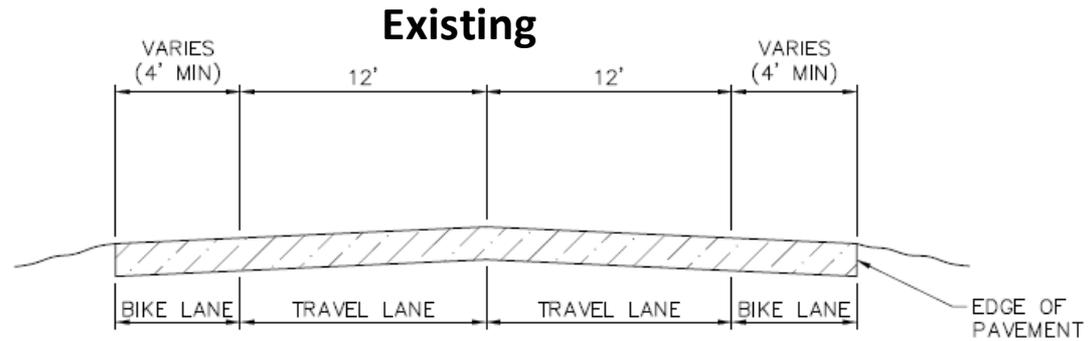
Narrow Travel Lane Widths

- Existing Travel Lanes are typically 12' wide
- Existing bike lanes typically between 4' - 8' wide

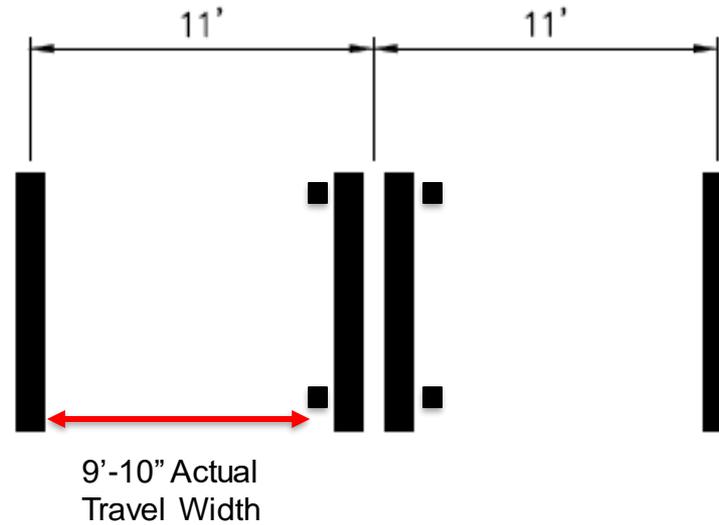


Cañada Rd looking north before Filoli Entrance

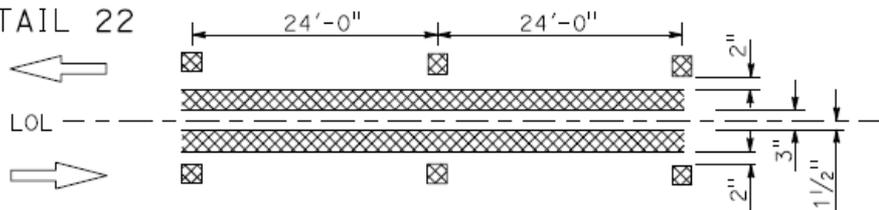
Cross-Section



Proposed Solution: Reduced Lane Width



DETAIL 22



LEGEND

MARKERS

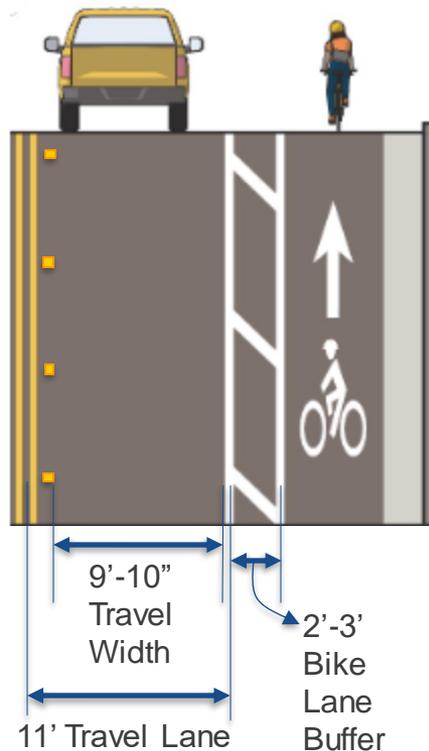
-  TYPE C RED-CLEAR RETROREFLECTIVE
-  TYPE D TWO-WAY YELLOW RETROREFLECTIVE
-  TYPE G ONE-WAY CLEAR RETROREFLECTIVE
-  TYPE H ONE-WAY YELLOW RETROREFLECTIVE

LINES

-  6" WHITE
-  6" YELLOW

Proposed Solution: Buffered Bike Lanes

- Striped bike lane buffer incorporated where street is wider than 36 feet
- Painted buffer is typically 2'-3' wide



Signage

- Wayfinding
 - Help alert users that they are approaching trail heads and destinations



- No Parking/Bike Lane



Received Feedback

Category/Topic	Comments from Public Members
Operational	Desire for more bicycle-only days along Canada Road or 24/7 closure of Canada Road to motor vehicles
Speed Reduction	Reduce posted speed limit on Canada Road
Lane Width	Reduce travel lane width for motorists to increase bike lane width or bike lane buffer
Pedestrian/Bicyclist Safety	Improve pedestrian and bicyclist safety along Canada Road, especially at trail crossings and at the Edgewood Intersection. Desire for safety features such as green bicycle lanes and bike lane buffer, traffic circles, and traffic calming devices

Thank you

Questions, Comments, and Input

Contact:

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Project Website (presentation will be posted here):

<https://www.smcgov.org/publicworks/canada-road-pavement-preservation-project-2023-24>

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