

FOUR CORNERS INTERSECTION

REDESIGN UPDATES

October 2023

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What are we doing this evening?

- Project context and development to date
- Proposed near-term design implementation
- Proposed wayfinding and Signage



PROJECT CONTEXT AND DEVELOPMENTS TO DATE

Project Context

Why have we been studying this intersection?



Topography and roadway alignment create sightline issues



The intersection is a key route to West Marin and has high traffic volumes on weekends and sunny days



Most visitors are not familiar with the area and can be confused by the current striping



Previous restriping work has not achieved desired improvements in traffic flow

Existing Conditions

Two way stop controlled (no stop for northbound and southbound traffic on Panoramic)

Roadway grade on southbound, eastbound, and westbound approaches



Existing Conditions

- Northbound Panoramic: misaligned lanes appear to create confusion for drivers
- Southbound Panoramic: vehicles encroach on far-side hatching, higher-than-posted travel speeds
- Eastbound Muir Woods: vertical depression impacts sightline across intersection



Northbound approach (Panoramic Highway)



Westbound approach (Muir Woods Road)

Alternatives Evaluated

Not Pursued after Evaluation

All Way Stop Control

Determined AWSC would not be effective due to higher speeds on Panoramic Hwy, volumes on Muir Woods Road and Sequoia Valley road, and road geometry

Signalized Intersection

Conducted a signal warrant analysis based on California standards and determined that the intersection does not meet the warrants for a traffic signal

Alternatives Recommended for Conceptual Design

Two Way Stop Control

Realign striping to increase the clarity and safety of the intersection while maintaining the existing operations

Roundabout

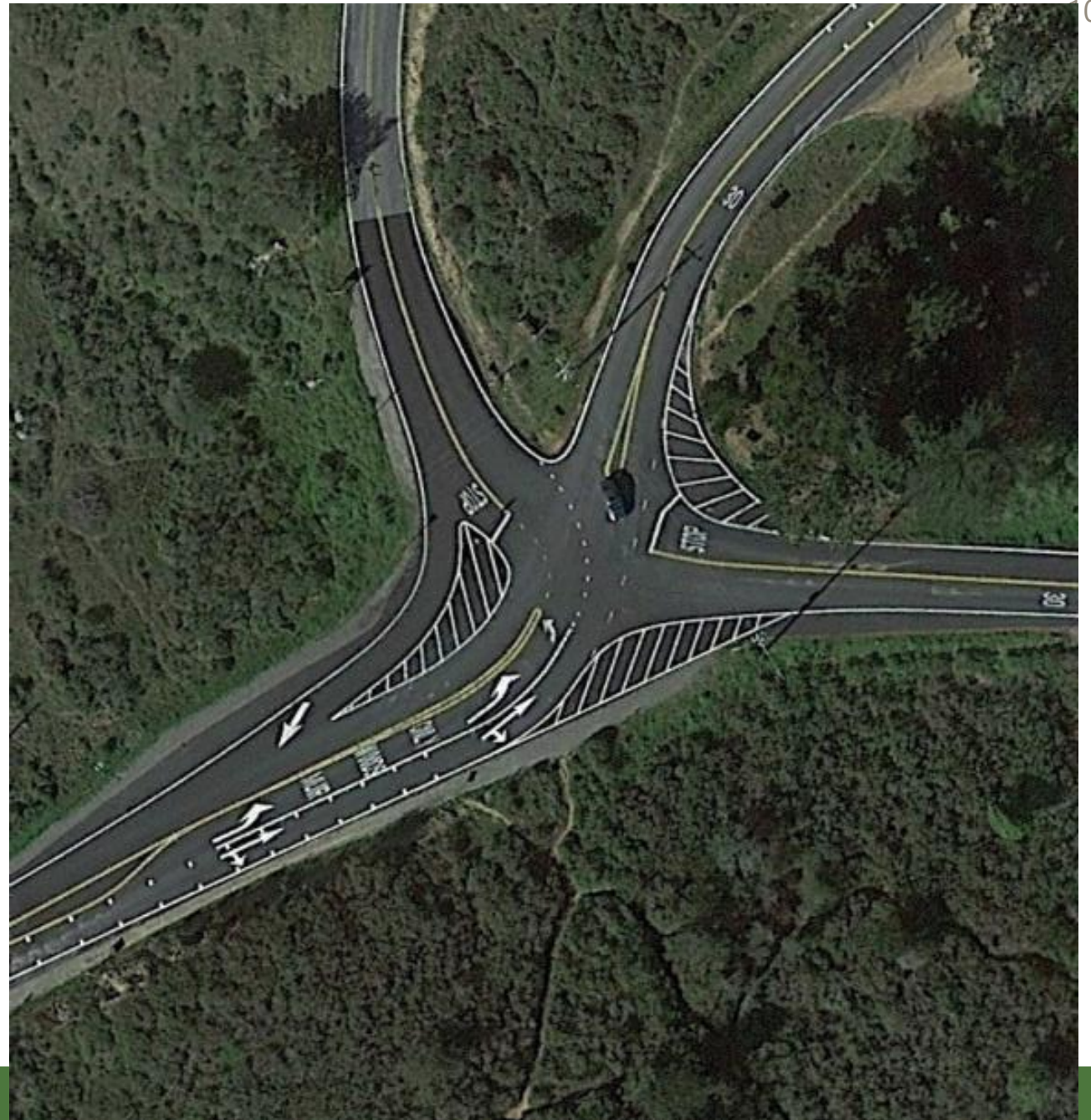
Evaluate the feasibility of installing a roundabout

NEAR-TERM DESIGN

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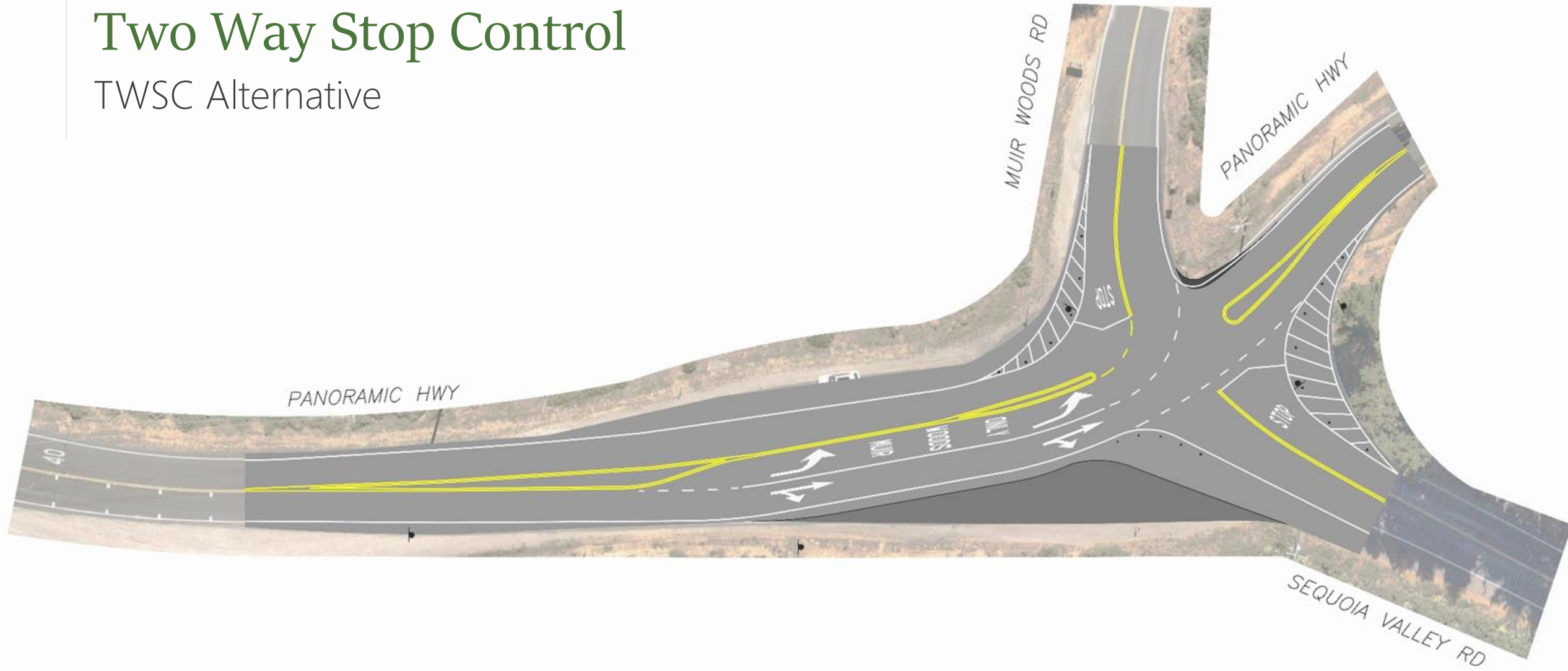
Two Way Stop Control

Existing Condition



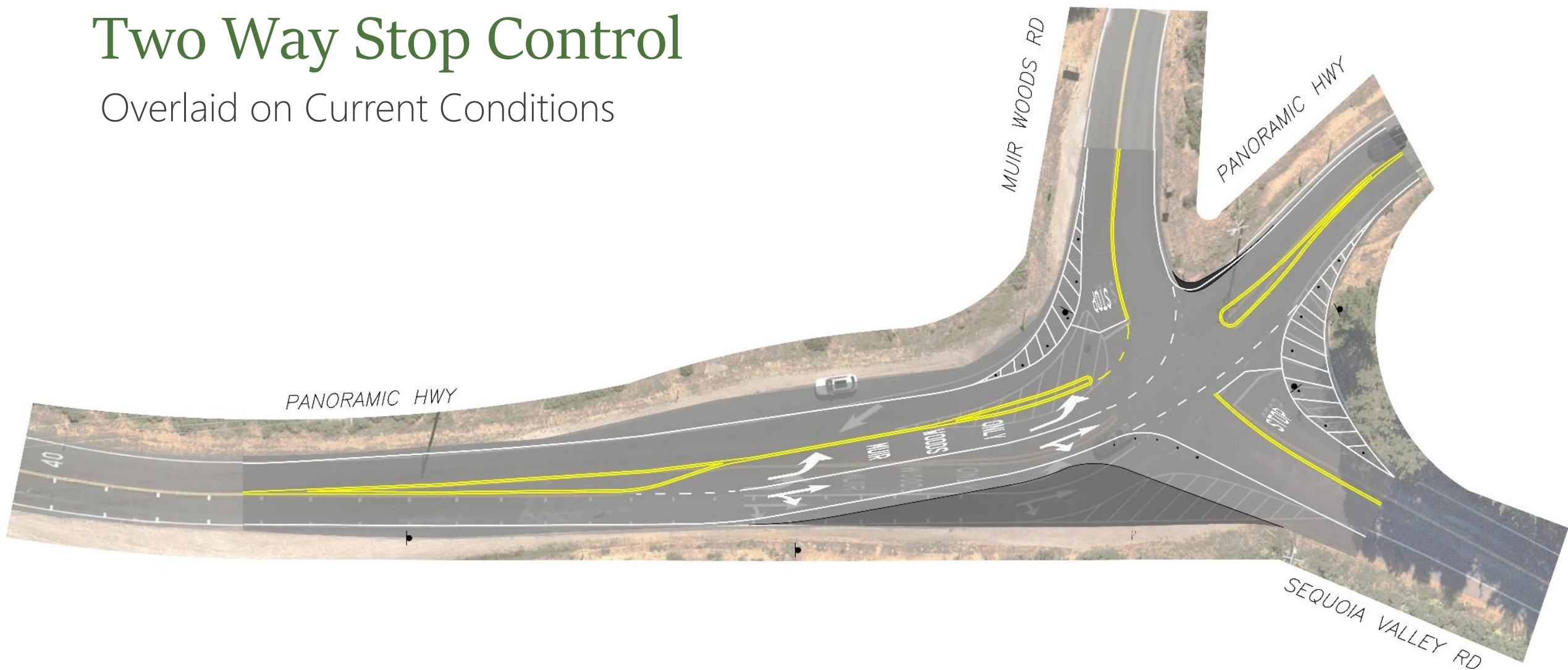
Two Way Stop Control

TWSC Alternative



Two Way Stop Control

Overlaid on Current Conditions



Two Way Stop Control



Current Conditions

Two Way Stop Control



TWSC Alternative

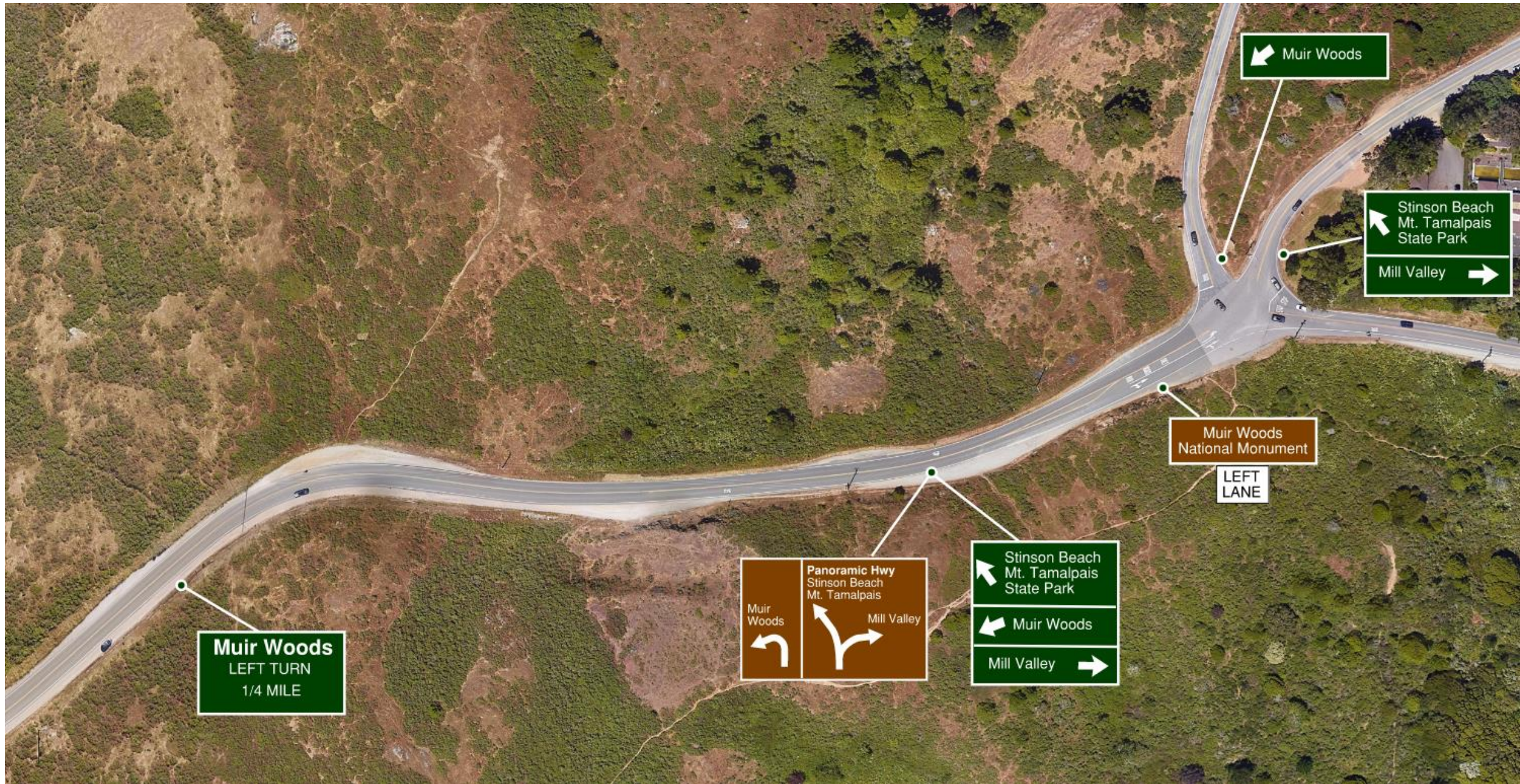
Two Way Stop Control



Overlaid

WAYFINDING SIGNAGE

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Existing



Proposed



Existing



Proposed



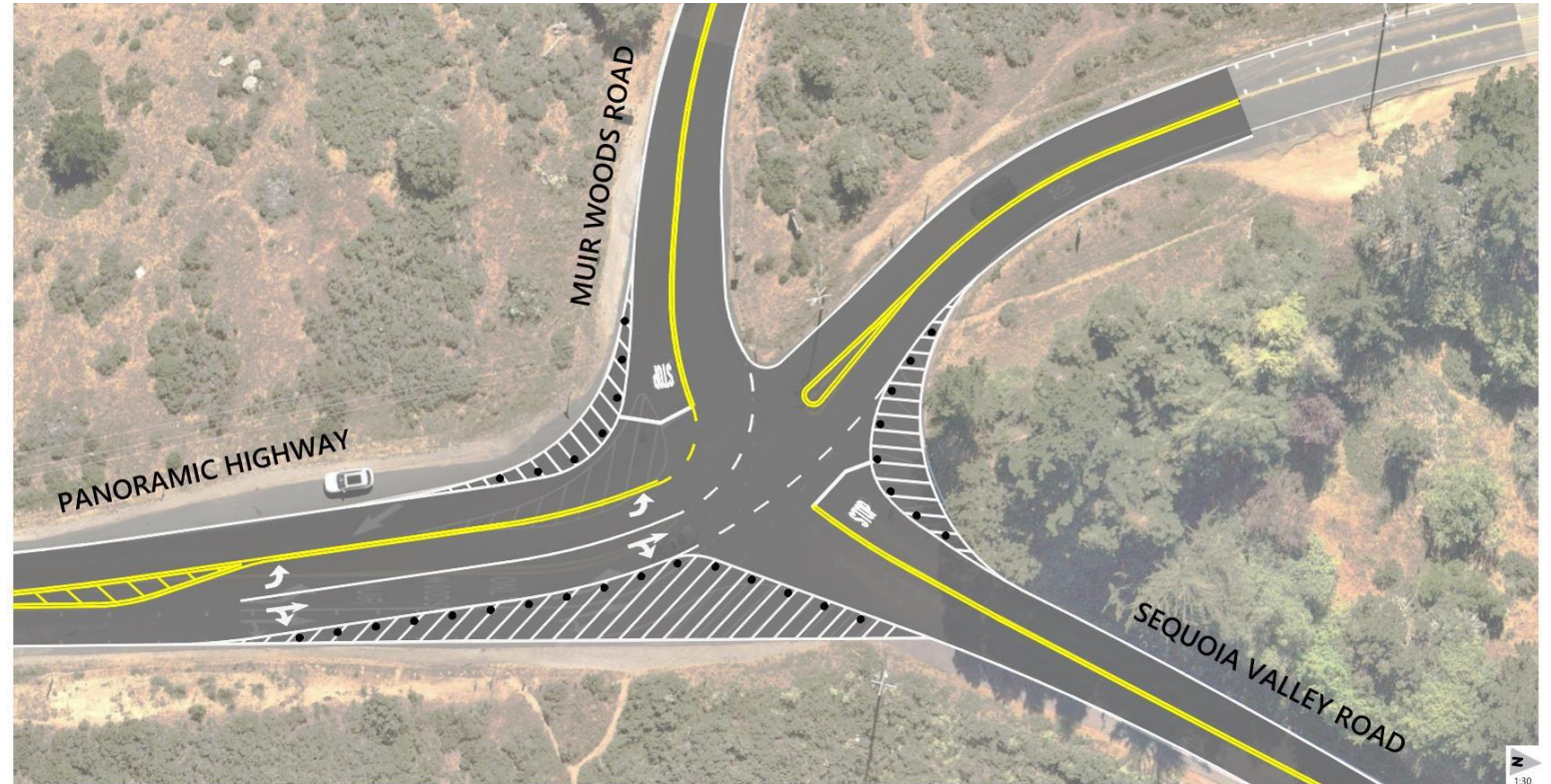
Existing



Proposed

Next Steps

- Finalize Design:
November/December
- Prepare
Construction/Bid
Documents:
January/February 2024
- Construction:
Spring/Early Summer
2024



QUESTIONS AND COMMENTS

For further information:

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Muir Woods Park Community Meeting (starts 7:00pm):

https://us06web.zoom.us/meeting/register/tZYvduiqqTMtGNDZz9nU_3K8sgaAcAxUA8LL