

# NVTA Project Updates

GRANT BAILEY, PE

PROGRAM MANAGER – ENGINEER

OCTOBER 18, 2023



# Vine Trail -St. Helena to Calistoga

**Project Manager: Grant Bailey**

Project will build an 8-mile segment of the Vine Trail connecting Calistoga and St. Helena and furthers the ultimate buildout of the 47-mile Vine Trail that connects Calistoga and Vallejo.

## Milestones

- ❑ Set 3 bridge decks on August 30 & 31
- ❑ All culverts installed October 2023

## Upcoming Work

- ❑ R-wall/drainage/grading in reaches 1-3
- ❑ Final paving of reaches in available areas
- ❑ Guardrail installation

## Issues/Risks

- ❑ Delays due to wet weather season
- ❑ Unidentified buried objects
- ❑ Archaeological Discoveries

## Costs

- ❑ Preconstruction: \$3.2M
- ❑ Construction: \$15.2M

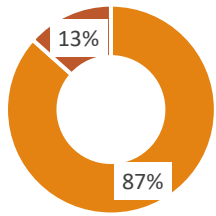




# Vine Trail -St. Helena to Calistoga

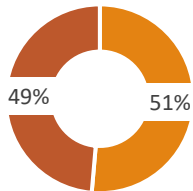
Progress through Sept 2023

Working Days



■ Days Worked ■ Days Remaining

Progress Payments



■ Payments Made ■ Payments Remaining





# Vine Trail -St. Helena to Calistoga

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# Vine Trail -St. Helena to Calistoga





# Vine Trail -St. Helena to Calistoga





# Vine Bus Maintenance Facility

**Project Manager: Grant Bailey**

The project located on Sheehy Court replaces the current outdated facility on Jackson Street with a new modern 6 bus bay maintenance facility and operations center and bus wash. The new facility will accommodate NVRTA's new zero emission bus fleet transition.

## Milestones

- ❑ All Building Exterior Shells Complete: June 2023
- ❑ Sheehy Ct Repaving Complete: August 2023

## Current Status

- ❑ Landscaping
- ❑ Final interior/exterior finishes
- ❑ Permanent power connection scheduled: early December '23

## Issues/Risks

- ❑ Building commissioning
- ❑ Permanent power connection

## Costs

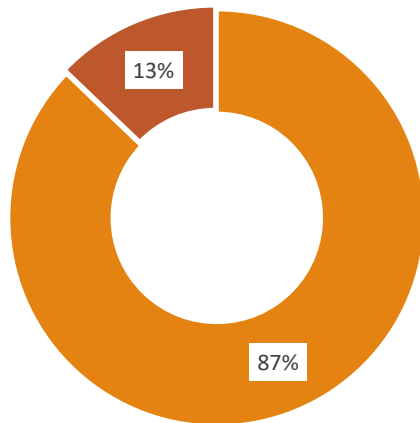
- ❑ Preconstruction: \$2.9M
- ❑ Construction: \$31.5M



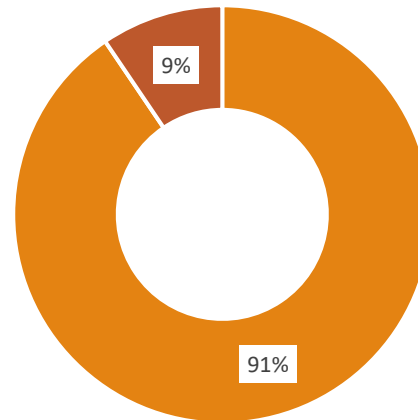
# Vine Bus Maintenance Facility

## Project Progress through Sept 2023

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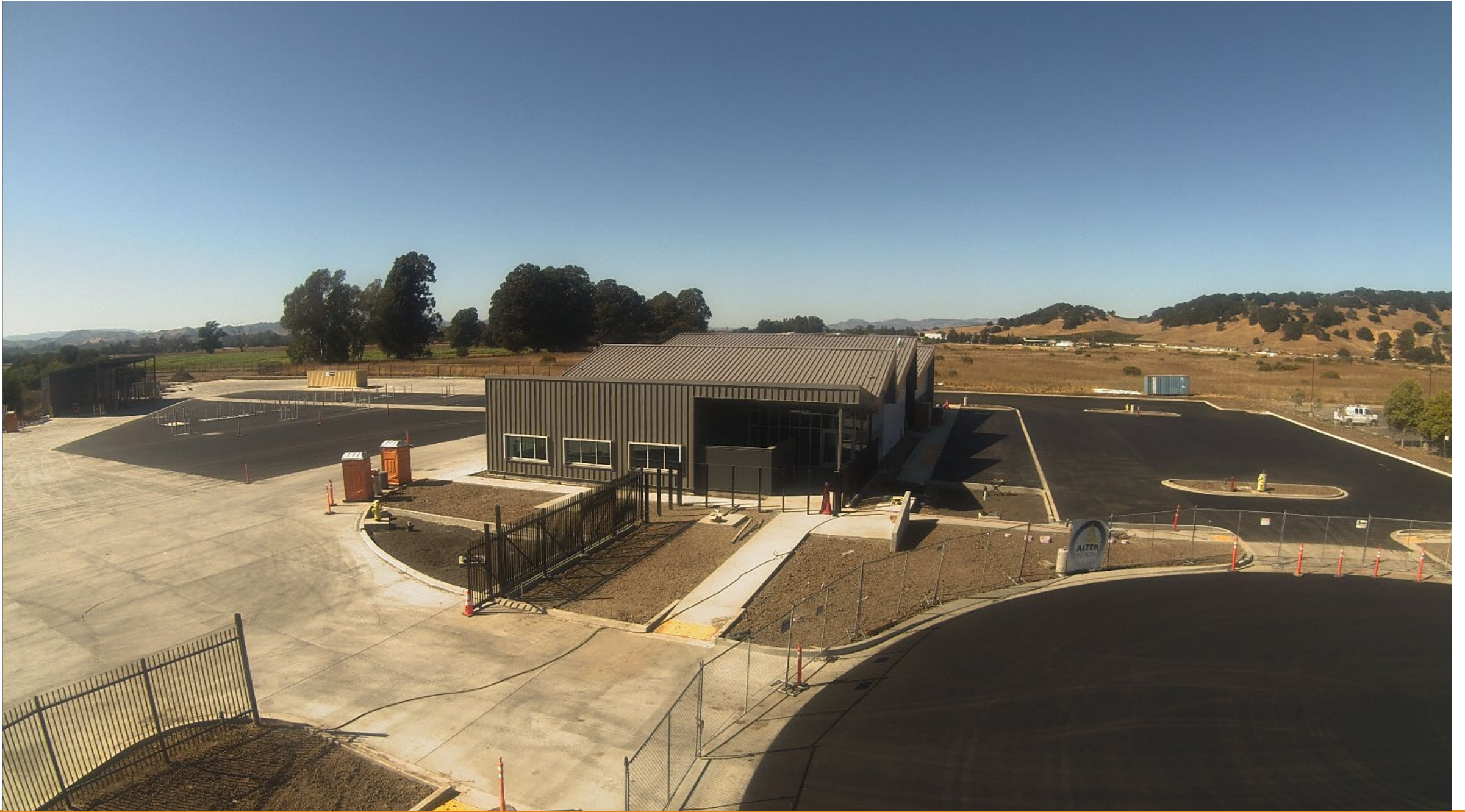


July 2023



September 2023







# SR 29 American Canyon Multimodal Improvements

Project will make operational and intersection improvements and add multimodal facilities along SR 29 between Napa Junction Road and American Canyon Road.

**Project Manager: Danielle Schmitz**

## Cost

- Pre-construction - \$20 million
- Construction - \$55 million

## Funding

- Environmental – Fully Funded:
  - OBAG 3 - \$3M
  - Caltrans settlement funds- \$1M
- Future phases:
  - Regional funds – RM 3
  - State funds – SB 1 funds – SCCP/LPP/ATP
  - Federal funds – RAISE, Safe Streets for All

## Schedule (pending funding)

- 2023 – PID approval (complete)
- 2024-25 – Environmental
- 2025-26 – Design
- 2025-26 – Right-of-way
- 2026 – Construction (funding dependent)





# Napa Valley Forward - SR 29 Intersection Improvements

Intersection improvements including roundabouts and/traffic calming for all modes at the following intersections on SR29:

## Phase 1:

- Rutherford Rd
- Oakville Cross Rd

## Phase 2:

- Madison Ave

## Project Cost

Pre-construction - \$3 million

Construction - \$9.5 million

## Risks:

Right of way approval, environmental mitigation and costs

## Potential Funding Opportunities:

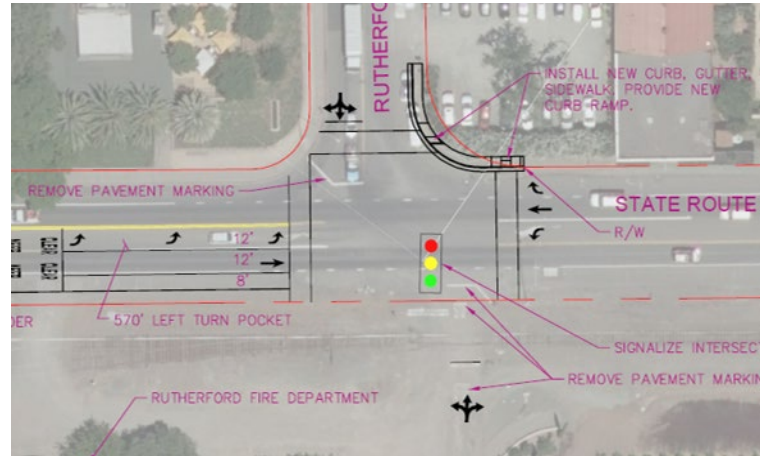
Federal Grants – RAISE

State Funds – LPP

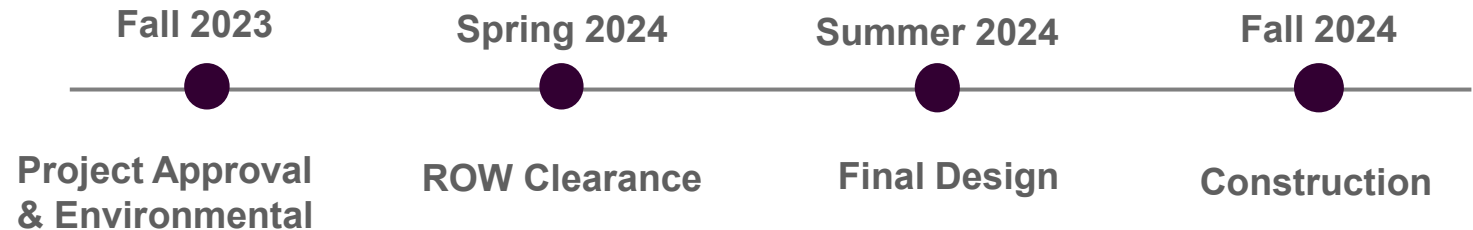
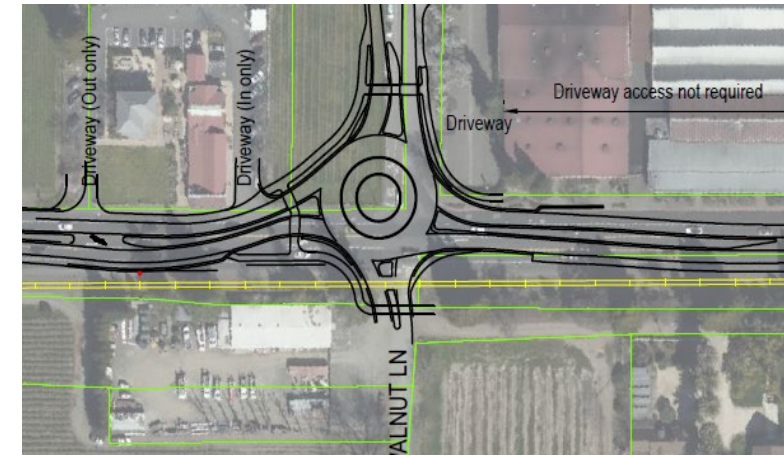
Regional Funds – MTC Bay Area Forward

**Project Managers: Danielle Schmitz and Kate Miller**

## Traffic Signal Control



## Roundabouts







# Imola Corridor Complete Streets Improvements

The Imola Corridor Complete Streets Project proposes improvements along Imola Avenue from Foster Rd. in the City of Napa to Fourth Avenue in unincorporated Napa County.

- Class I, II & IV Bike Facilities
- High visibility crossings
- Sidewalk & Curb Ramp Improvements
- Floating Transit Islands
- Green Streets Improvements

## **Cost:**

Pre-construction: \$3.5 million

Construction: \$17.5 million

## **Potential funding sources:**

Local – Measure T, Local funds

State – SHOPP, ATP, HSIP

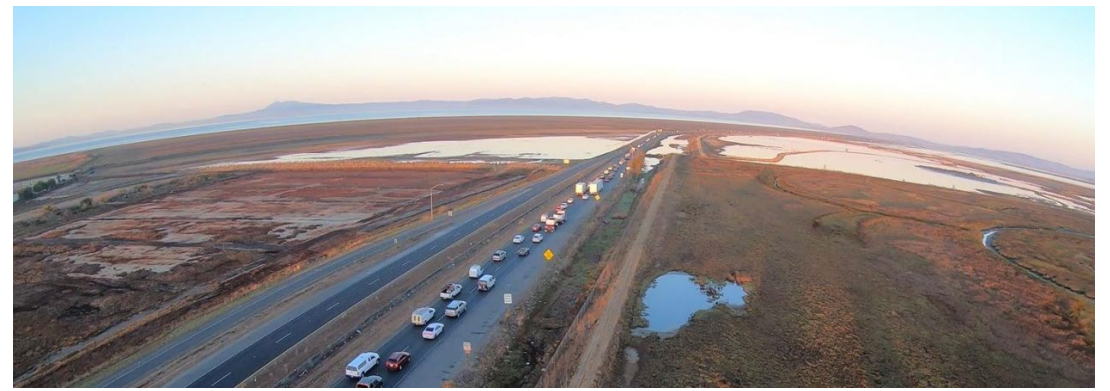
Federal – Safe Streets for All



# State Route 37

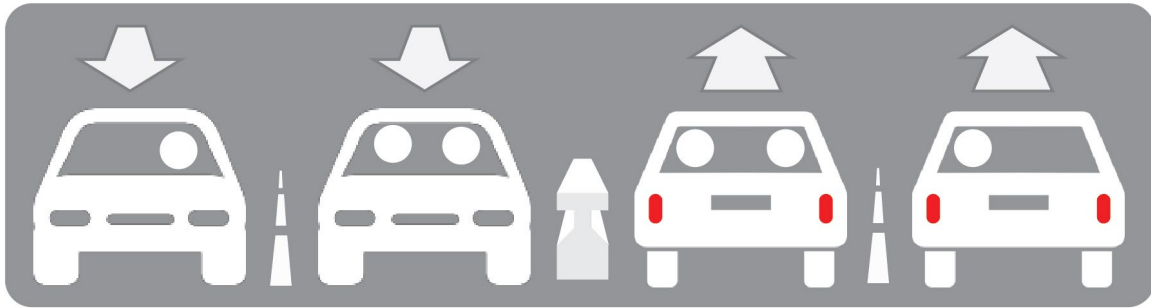
## Congestion Relief and Flood Protection

- Sears Point to Mare Island
- 5-7 Years/\$450 million
- CTC Tolling Approved
- Design Kicked Off in July 2023
- Grant Funding Applications



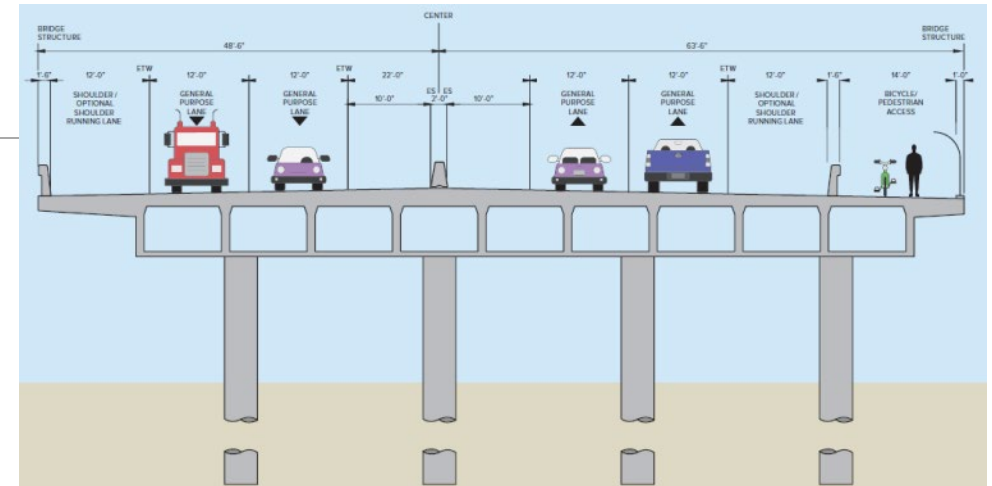
## Resilient 37

- Planning and Environmental Linkage Complete
- Segment prioritization
- 15-20 years/\$6.3-\$11.1 Billion



4-Lane Highway

(requires mitigation for bike access)





# Soscol Junction Project

Project will reduce congestion on SR 29 by removing a signalized intersection at SR 221/Soscol Ferry Rd and SR 29 through grade separated roundabouts.

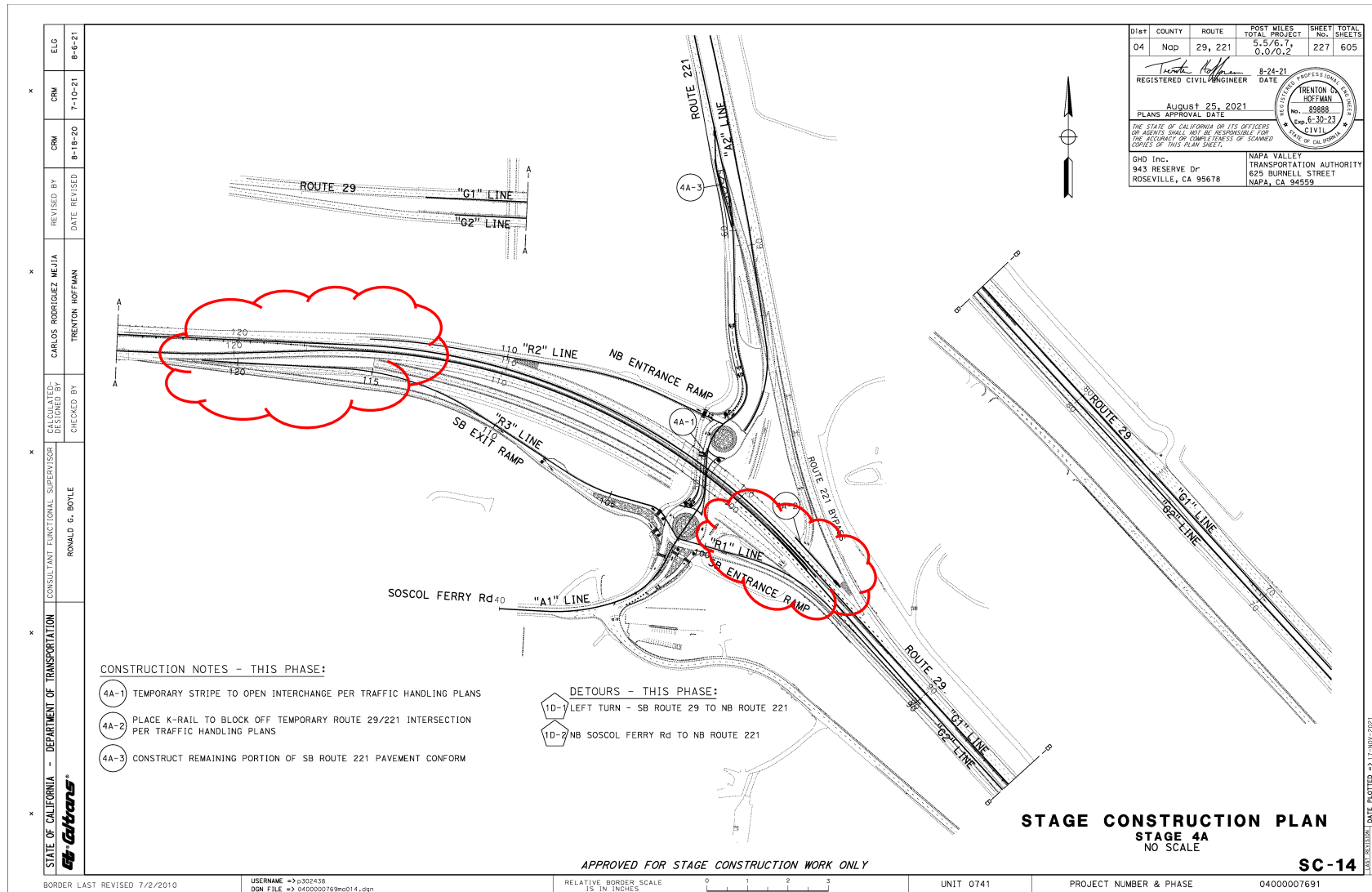
Project Manager: Grant Bailey

- ❑ Status
  - ❑ Soscol Ferry Rd closed to SR 29 & SR 221 - detoured
  - ❑ Bridge abutments and deck pour complete
  - ❑ Roundabout construction ongoing
- ❑ Upcoming Work/Risks –
  - ❑ Southbound 29 entrance ramp completion
  - ❑ Lane closures in December 2023 for schedule acceleration
  - ❑ Winter weather
- ❑ Soscol Junction Schedule:
  - ❑ Groundbreaking – June 22, 2022
  - ❑ Construction – June 2022 - October 2024
  - ❑ Substantial Completion Target: May 2024
- ❑ Costs
  - ❑ Preconstruction: \$11.4M
  - ❑ Construction: \$37.7M
  - ❑ Construction Support: \$5.7M





# Upcoming Lane Closures





# Upcoming Lane Closures

Alternative	When	Advantages	Risks
Single Lane Night Closures (Per contract)	14 consecutive nights starting 12/9/23	<ul style="list-style-type: none"><li>• Low risk</li></ul>	<ul style="list-style-type: none"><li>• Extended nightly single lane closures</li></ul>
24-hour weekend single lane closure (Combine Stages 3A/3B)	24-hour weekend period starting 12/10 (7PM Saturday – 7PM Sunday)	<ul style="list-style-type: none"><li>• Saves 10 workdays</li><li>• ~\$100k savings</li></ul>	<ul style="list-style-type: none"><li>• Combines 2 stages into one 24-hour period</li></ul>



