



## American Canyon SR29 Corridor Improvement Project

### Community Workshop

Wednesday April 30<sup>th</sup>, 2025 | 5:30pm – 7:30pm

American Canyon City Hall

## Appendix

### A. Board Exhibits

- **Exhibit #1: Caltrans Project Development Process**
- **Exhibit #2: Work Common to Both Places**
- **Exhibit #3 Alternative 1 – Signalized & Alternative 2 – Roundabouts**
- **Exhibit #4 Crossing Treatments At Multi-Lane Roundabouts**
- **Exhibit #5 Alternative 1 – Signalized & Alternative 2 – Roundabouts**
- **Exhibit #6 Interactive Board**

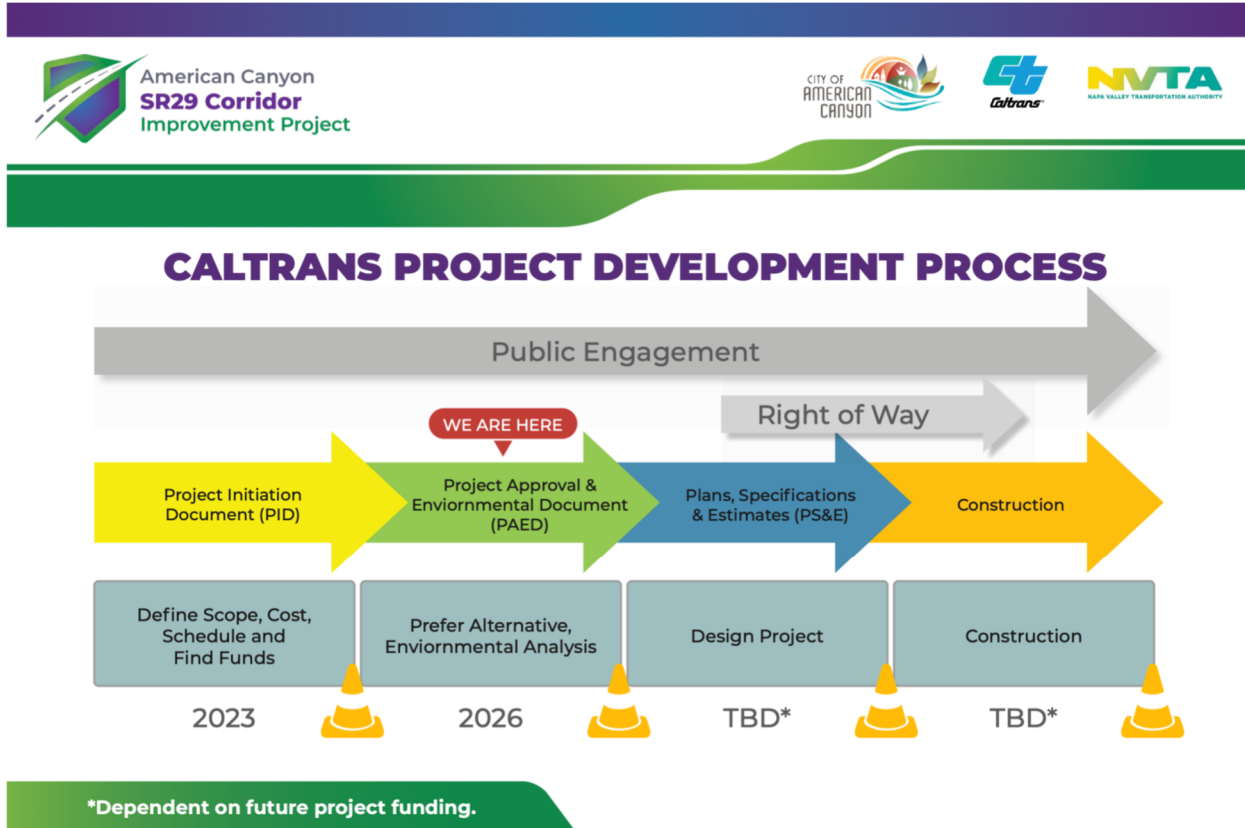
### B. Workshop Presentation

- **American Canyon - Community Workshop April 2025**

### C. Workshop Flyer

- **English Flyers (American Canyon SR29 Improvement Project)**

- Board Exhibits





## CROSSING TREATMENTS AT MULTI-LANE ROUNDABOUTS



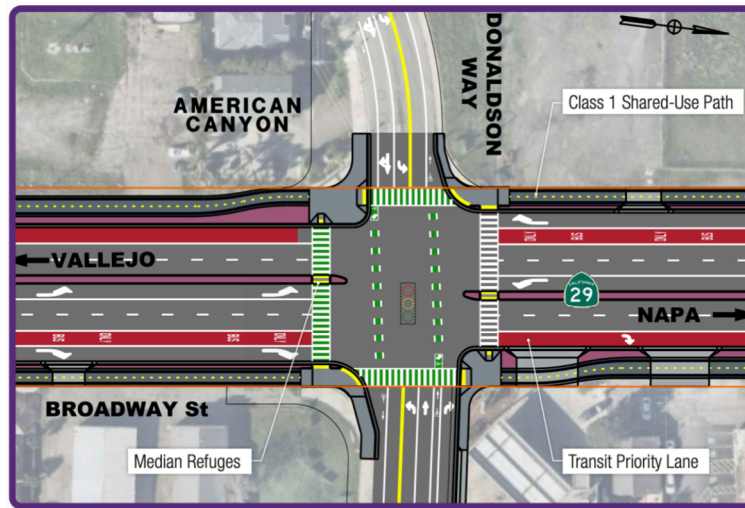
## WORK COMMON TO BOTH ALTERNATIVES

- ▶ **Corridor Improvements**
  - ▶ Vehicle Lane Reconfiguration
  - ▶ Improved Transit Operations
  - ▶ Class 1 Shared-Use path on both sides
  - ▶ Bus Stops moved onto SR 29
  - ▶ Undergrounded Utilities
  - ▶ Landscaping
- ▶ **Intersection Crossing Treatments**
  - ▶ Median Refuges
  - ▶ Shorter Crossing Lengths
- ▶ **Driveway Modifications and Consolidations**

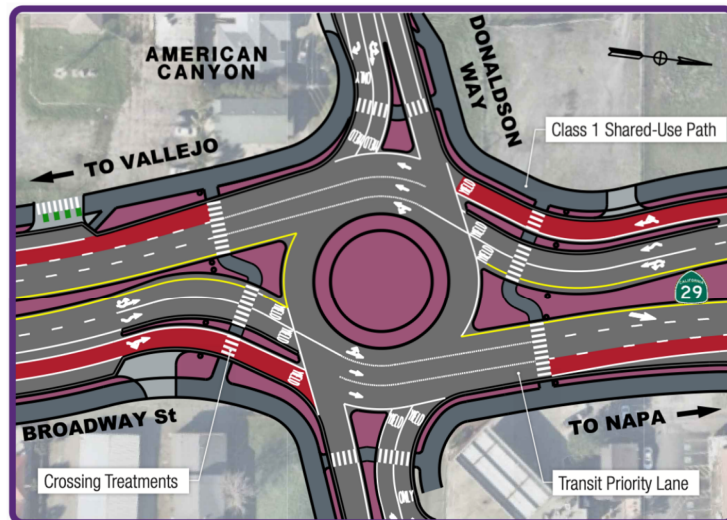




# American Canyon SR29 Corridor Improvement Project



**ALTERNATIVE 1 - SIGNALIZED**



**ALTERNATIVE 2 - ROUNDABOUTS**



## ALTERNATIVE 1 - SIGNALIZED

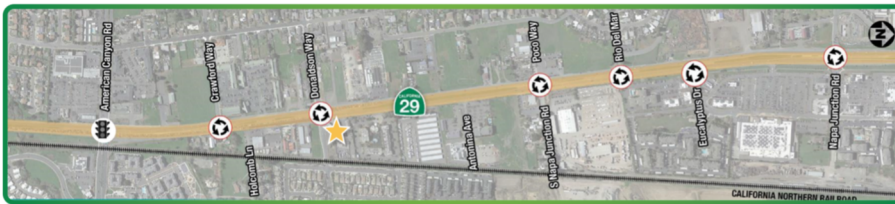


Existing Traffic Signal



Potential Traffic Signal from PSR-PDS Study

## ALTERNATIVE 2 - ROUNDABOUTS



Existing Traffic Signal



Potential New Roundabout from PSR-PDS Study



## Agenda

- Project History
- Project Alternatives
- Roundabout Overview
- Breakout



## Existing SR 29 Corridor

- Lack of multimodal connectivity. (Pedestrian/Bicycle)
- High collision rates.
- Lack of public transit facilities.
- Traffic congestion during peak periods.
- Customer access to American Canyon’s “Main Street” commercial business is hindered.
- Poor aesthetics.
  - ❖ Overhead utility poles & wires.
  - ❖ Landscaping

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## Project Goals

- Improve corridor operations for all modes
  - ❖ Access
  - ❖ Travel time
  - ❖ Reliability
- Improve safety via the Vision Zero Safe System Approaches.
- Improve public transit travel time and reliability.
- Support growth in American Canyon’s priority development area.
- Improve regional and local circulation.
- Improve aesthetics.

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## Goals of the Public Workshop

- Inform public
- Seek Input



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## Agenda

-  Project History
-  Project Alternatives
-  Roundabout Overview
-  Breakout



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## Project History

- 2014 State Route 29 Gateway Corridor Improvement Plan
- 2019 Climate Action Plan for Transportation Infrastructure (CAPTI)
- 2020 Comprehensive Multimodal Corridor Plan (CMCP)
- 2023 State Route 29 Project Study Report-Project Development Support (PSR-PDS)
- 2024 State Route 29 Project Approval & Environmental Document (PA&ED)




## Stakeholder Roles

- NVTA
- Caltrans
- City of American Canyon
- American Canyon Community



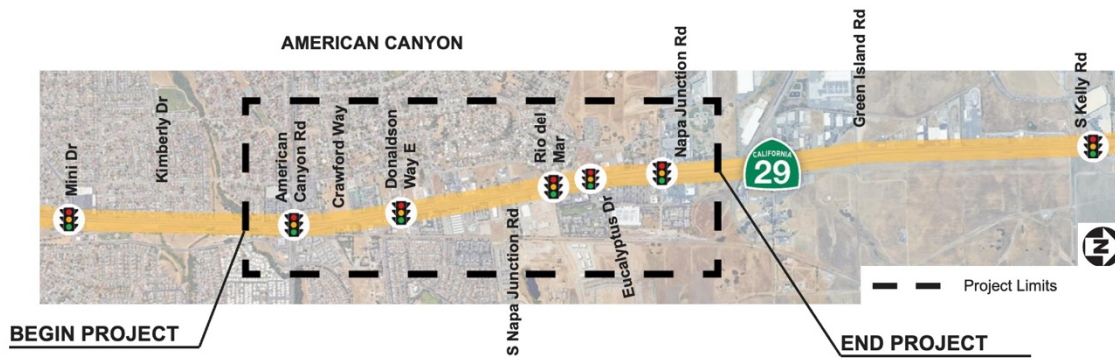
## Agenda

-  Project History
-  Project Alternatives
-  Roundabout Overview
-  Breakout



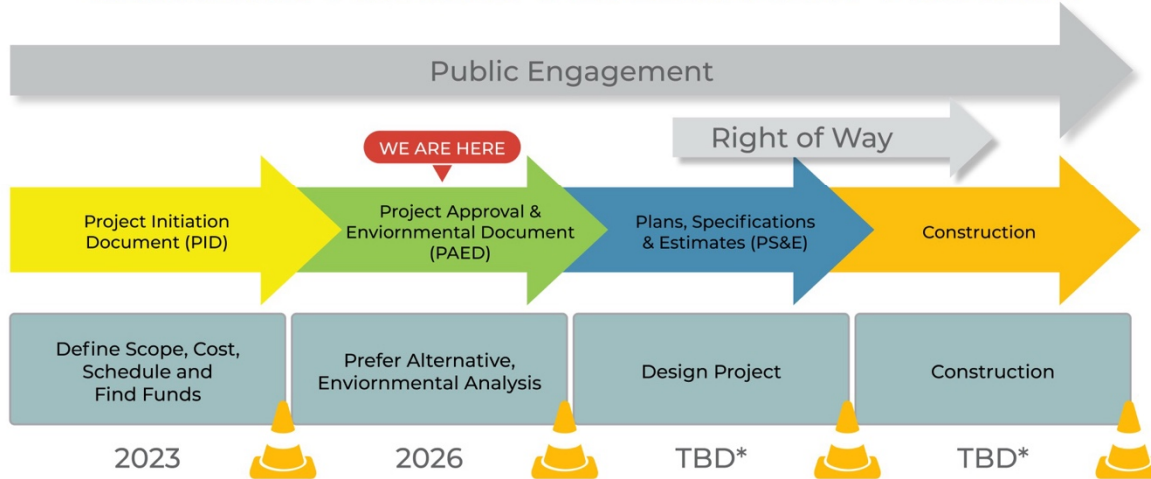
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## Project Limits



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## CALTRANS PROJECT DEVELOPMENT PROCESS



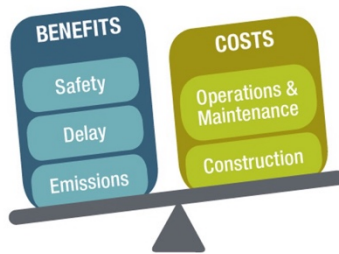
\*Dependent on future project funding.

## Project Scope Under This Phase

- Traffic
  - ❖ Traffic Operational Analysis
- Environmental
  - ❖ Studying Project Footprint
  - ❖ CEQA Documentation: Initial Study and Negative Declaration (ISND)
  - ❖ NEPA Documentation: Categorical Exemption
- Preliminary Engineering
  - ❖ Right of Way Needs, Utility Coordination, Conceptual Layouts
- Outreach
  - ❖ Community Engagement

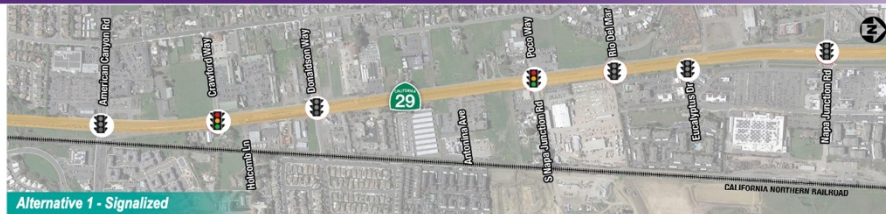
## Project Scope Under This Phase

- Select an Alternative
- Obtain Environmental Clearance
- Obtain Caltrans Project Approval
- Create Community Buy-in



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## Alternative 1 - Signalized

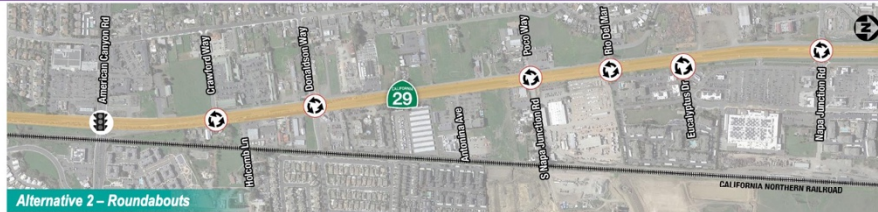


- Existing Traffic Signal
- Potential New Traffic Signal from PSR-PDS Study

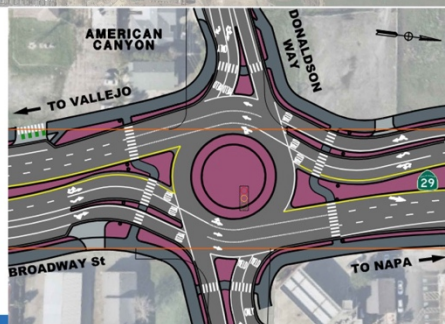


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## Alternative 2 - Roundabouts



-  Existing Traffic Signal
-  Potential New Roundabout from PSR-PDS Study



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## Work Common to Both Alternatives

- Corridor Improvements
  - ❖ Vehicle Lane Reconfiguration
  - ❖ Improved Transit Operations
  - ❖ Class 1 Shared-Use path on both sides
  - ❖ Bus Stops moved onto SR 29
  - ❖ Undergrounded Utilities
  - ❖ Landscaping
- Intersection Crossing Treatments
  - ❖ Median Refuges
  - ❖ Shorter Crossing Lengths
- Driveway Modifications and Consolidations



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## Milestone Schedule



### Tentative Schedule

- Completed Project Approval and Environmental Document (PA&ED) December 2026
- Completed Plans, Specifications & Estimates (PS&E) TBD\*
- Construction Start TBD\*
- Construction Completion TBD\*

\*Dependent on future project funding.

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## Agenda

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## The Basics

### Traffic Control

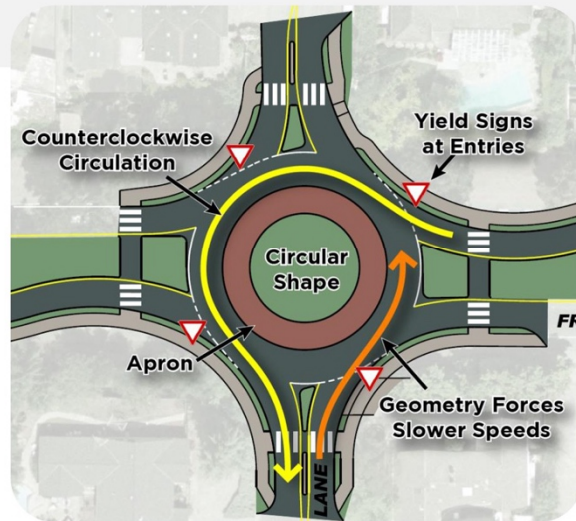
- ❖ Yield at Entry

### Traffic Deflection

- ❖ Pavement markings and raised islands direct traffic into a one-way counterclockwise flow

### Geometrics

- ❖ The radius of the circular road and the angles of entry are designed to slow the speed of vehicles



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## Why They Work

1. Cars entering a roundabout must yield to those already in the circle.
2. With all cars traveling in the same direction, **roundabouts eliminate head on collisions**, as well as **left turns**, one of the most dangerous moves in an intersection.
3. With no traffic lights to divert drivers' attention upward, roundabouts **keep motorists focused** on the cars and pedestrians around them.



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## Roundabout Crossing Treatments

### Federal Accessibility Guidelines: Four Crossing Treatments Available at Multi-Lane Roundabouts



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## Local Existing Roundabouts

### SR 29/12/221 Interchange - Just north of American Canyon



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## Local Existing Roundabouts

Rolling Hills Dr & Rio del Mar in Watson Ranch



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**Thank you!**





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**Workshop Flyer**



American Canyon  
**SR29 Corridor**  
Improvement Project

# Community Workshop

APRIL  
**30<sup>th</sup>**



Join the Napa Valley Transportation Authority (NVTA) for its first American Canyon SR29 Improvement Project community workshop. Learn about the project and give your feedback!



**WEDNESDAY**

**April 30**

**5:30–7:00pm**

**American Canyon City Hall**

4381 Broadway St, Suite 201 American Canyon

REGISTER AT: [bit.ly/sr29workshop](https://bit.ly/sr29workshop)

The SR29 Corridor Improvement Project in American Canyon is a collaborative effort between the Napa Valley Transportation Authority, the City of American Canyon, and Caltrans. The project is evaluating two alternatives to enhance the corridor. These alternatives could feature upgraded transit stops, roundabouts, transit signal priority, improved bike and pedestrian paths, burying overhead utility lines, installing curb ramps, and adding landscaping.

