





**American Canyon State Route 29  
Corridor Improvement Project**  
Project Approval & Environmental Documentation  
(PA&ED) Phase EA 04-4Q010


**American Canyon Public Workshop #2**  
Wednesday, May 27<sup>th</sup>, 2025




# Agenda

 Project History

 Project Scope

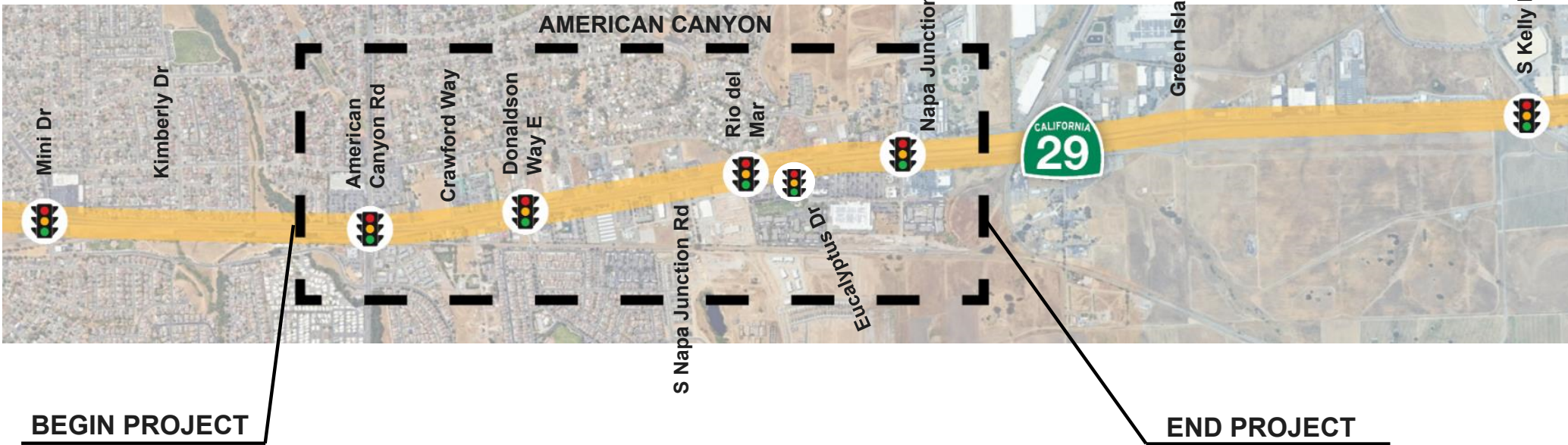
 Schedule

 Breakout



# Project Limits

Project Limits



## 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

# 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.

# Goals of the Public Workshop

- Inform public
- Seek Input on Specific Items:
  - ❖ Transit Center Location & Amenities
  - ❖ Shared Use Path
  - ❖ Driveway Formalization
  - ❖ General Corridor Feedback



# Agenda



Project History



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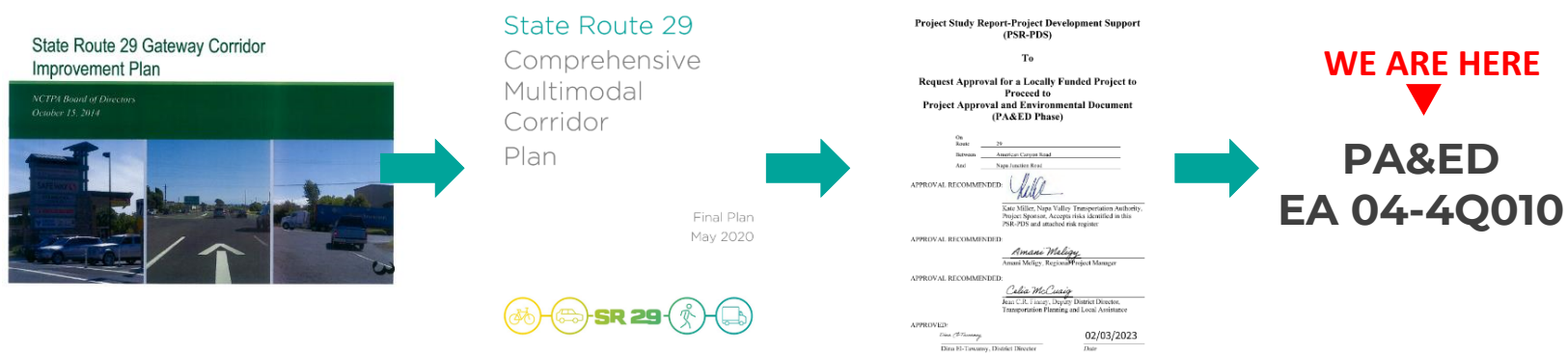
## Stakeholder Roles

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



# 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) Initiated



# Initial Alternatives



## Legend:

-  Upgraded Traffic Signal
-  New Traffic Signal
-  New Roundabout

# Public Workshop – What We Heard




- Broad Support for:
  - ❖ Sidewalks
  - ❖ Bikeways
  - ❖ Transit Access
  - ❖ Landscaping
- Specific Feedback:
  - ❖ Pedestrian (Student) Safety
  - ❖ Emergency Vehicle Access
  - ❖ Peak Hour Congestion
  - ❖ Business Impacts
  - ❖ Crossing SR 29 East-West
  - ❖ Some interest in roundabouts for smoother traffic operations



# Initial Alternatives



## Legend:

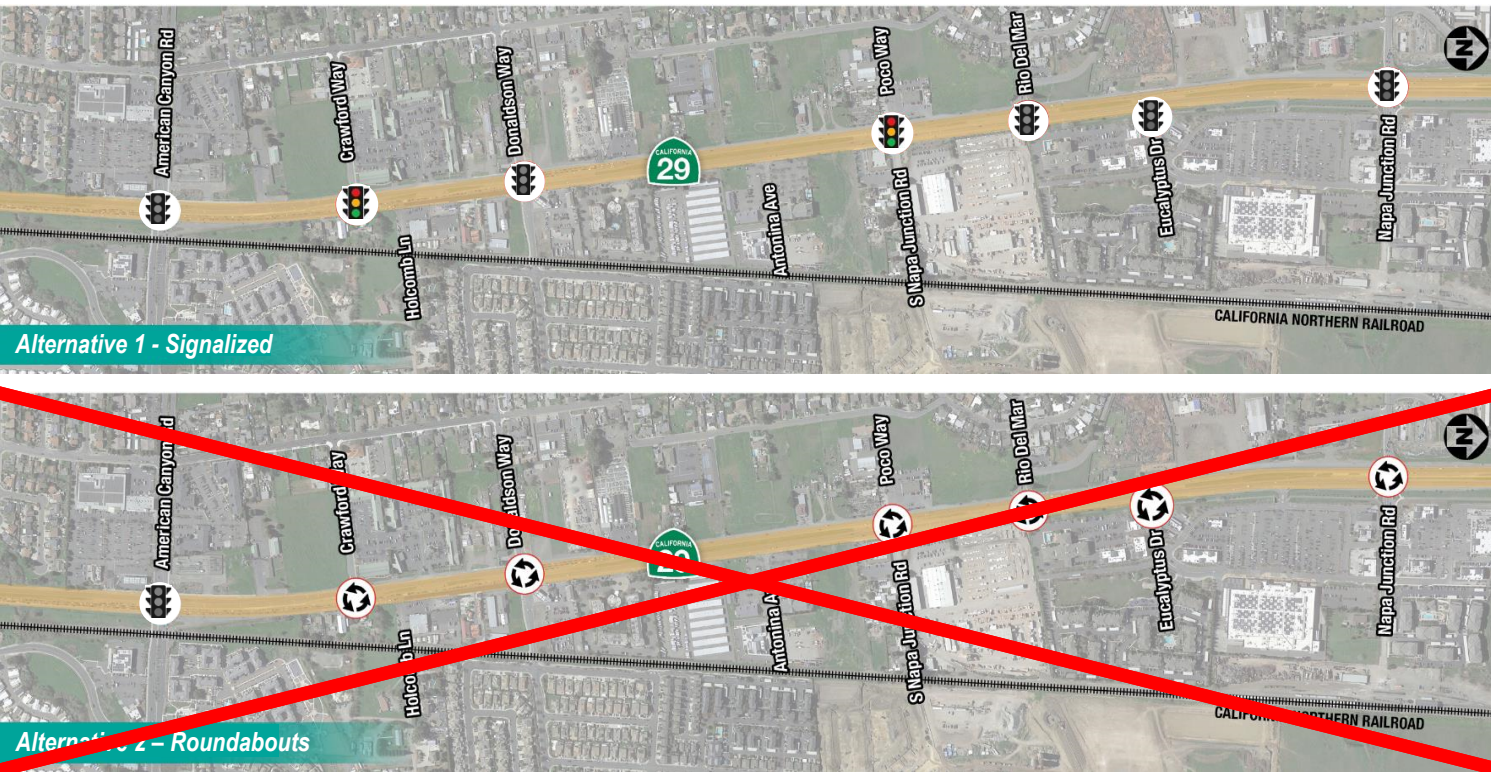
-  Upgraded Traffic Signal
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-  New Roundabout

# Intersection Level of Service




Intersection Level of Service (LOS) Comparison					
		Alternative 1 - Signals		Alternative 2 - Roundabouts	
Level of Service	<i>Existing Conditions 2024 AM (PM)</i>	<i>Opening Year 2030 AM (PM)</i>	<i>Design Year 2050 AM (PM)</i>	<i>Opening Year 2030 AM (PM)</i>	<i>Design Year 2050 AM (PM)</i>
During Peak Period					
Crawford Way	B(F)	C (B)	B (A)	B (C)	C (E)
Donaldson Way	C(C)	C (C)	C (D)	F (F)	F (F)
Poco Way/S Napa Junction Rd	E(D)	A (D)	A (F)	F (C)	F (E)
Rio Del Mar	C(B)	C (D)	E (D)	F (D)	F (F)
Eucalyptus Dr	B(B)	A (C)	E (E)	F (E)	F (F)
Napa Junction Rd	D(E)	D (C)	D (D)	F (E)	F (F)

LOS Key		
Acceptable LOS	A-B-C	Free Flow
	D	Constrained
Unacceptable LOS	E	Poor
	F	Failure

# Elimination of Alternative 2





## Legend:

-  Upgraded Traffic Signal
-  New Traffic Signal
-  New Roundabout

# Final Alternatives





## Legend:


-  Upgraded Traffic Signal
-  New Traffic Signal





## Legend:


-  Existing Traffic Signal
-  Existing Stop Control

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# Build Alternative Features

- Corridor Improvements

- ❖ Traffic Signal Coordination
- ❖ 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 Formalization, Modifications and Enhancements



# Visual Sim - Before

Poor Aesthetics

High Vehicle Speeds

Congestion, leading to Bus Delays

Lack of Bicycle Facilities

Sidewalk Gaps

Long, Unprotected Crossings

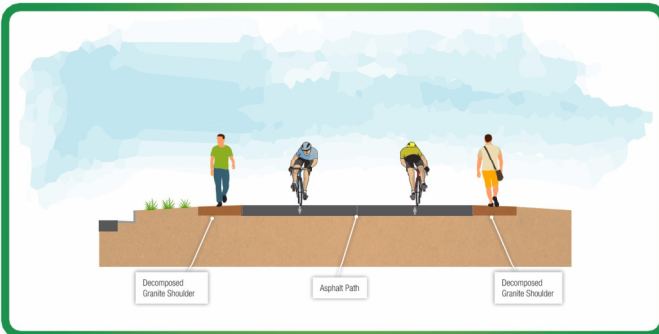


# Visual Sim - After

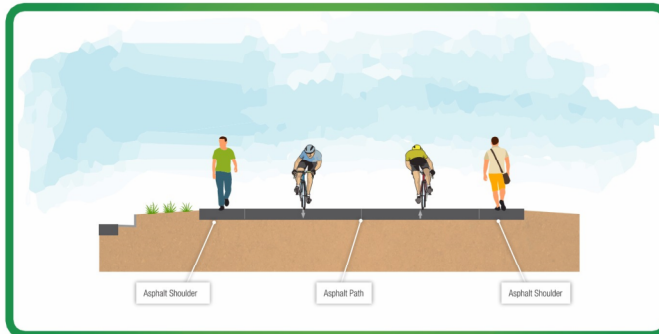


# Shared-Use Path

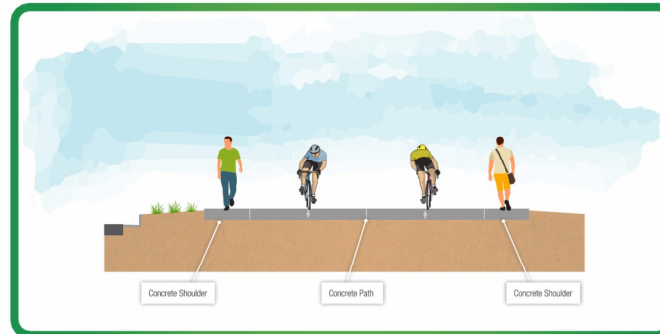
Asphalt Concrete and Decomposed Granite Shoulders



Asphalt Concrete Path



Portland Cement Concrete Path



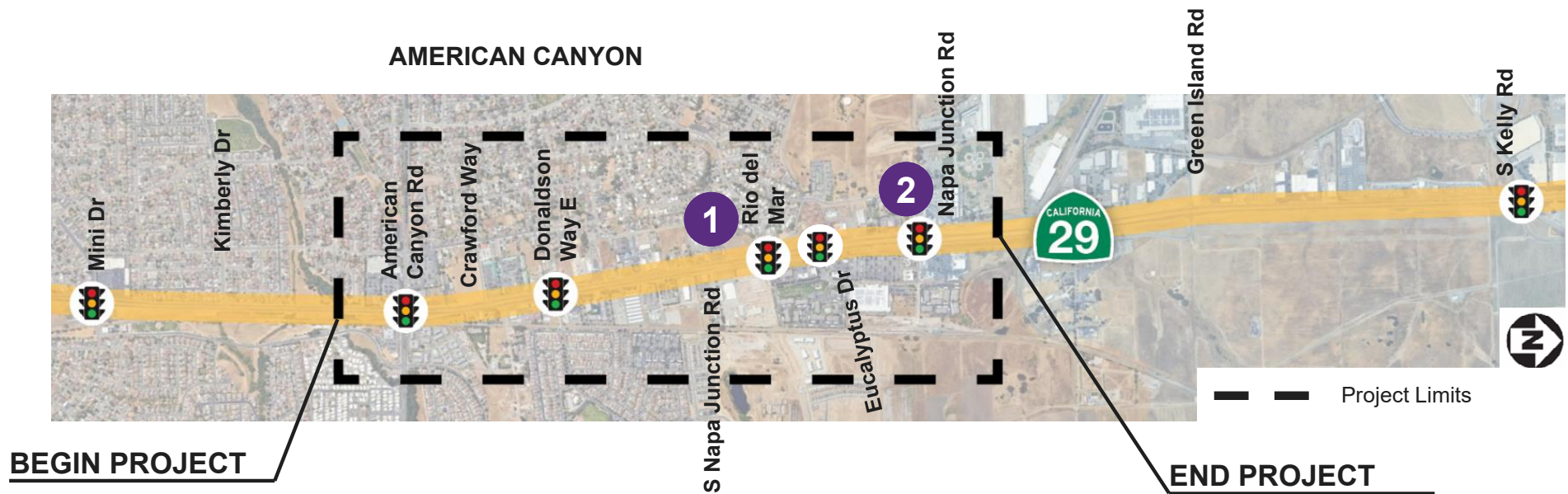
# Mobility Hub Location Options

## 1 Option 1: Rio Del Mar



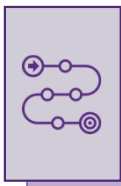

❖ Caltrans Owned Vacant Parcel

## 2 Option 2: City Hall

❖ City of American Canyon Owned Parcel

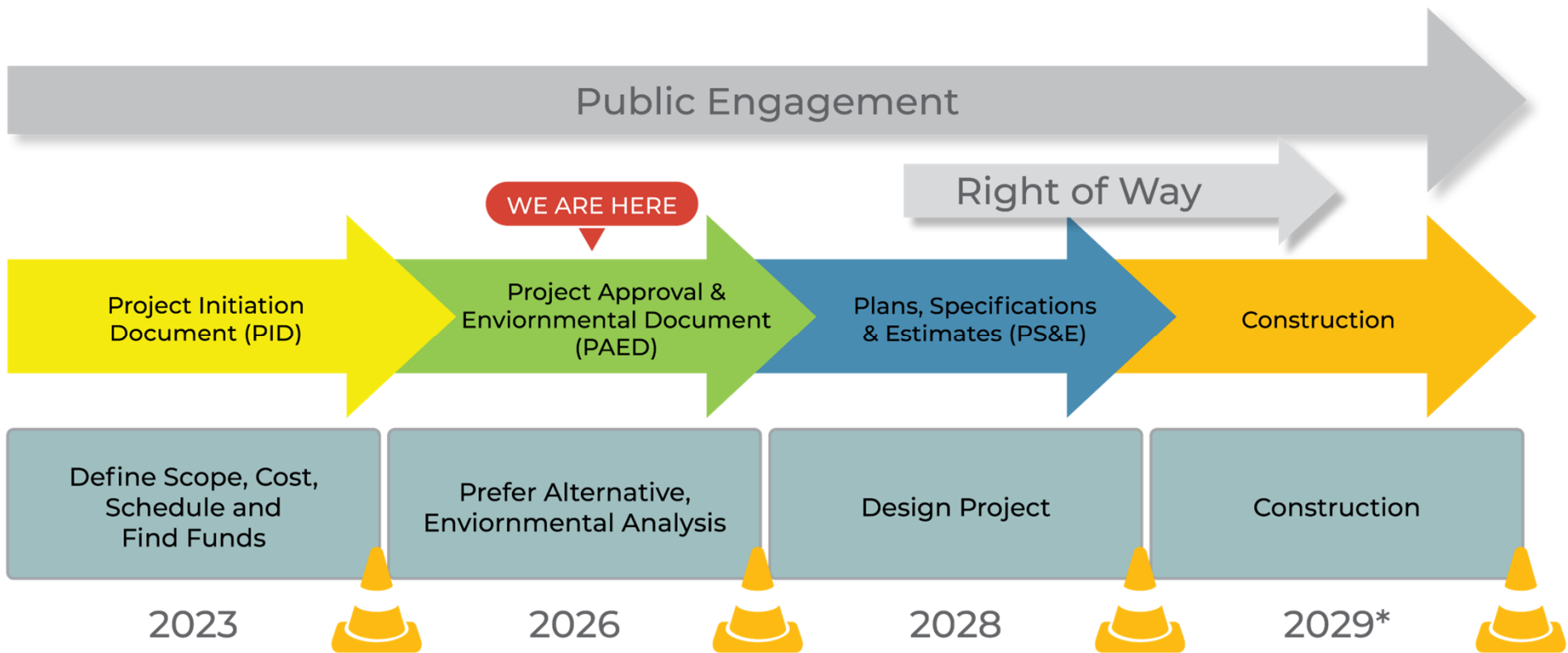


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# Studies & Schedule



\*Dependent on future project funding.

# Stay Involved!

## Project Survey







<https://www.surveymonkey.com/r/sr29survey>

## Project Website



<https://nvta.ca.gov/projects/sr-29-american-canyon-improvements/>

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# Traffic Sim Visual

*Locally  
Preferred  
Build*



*No-Build*



**Thank you!**



**NVTA**  
NAPA VALLEY TRANSPORTATION AUTHORITY