



Public Works Agency  
— Alameda County —

# Heyer Avenue Sidewalk Improvement Project

**from Redwood Road to Center Street**

Presented by Karl Lau, P.E., Associate Civil Engineer

## **UCBPAC Meeting - September 25, 2025**

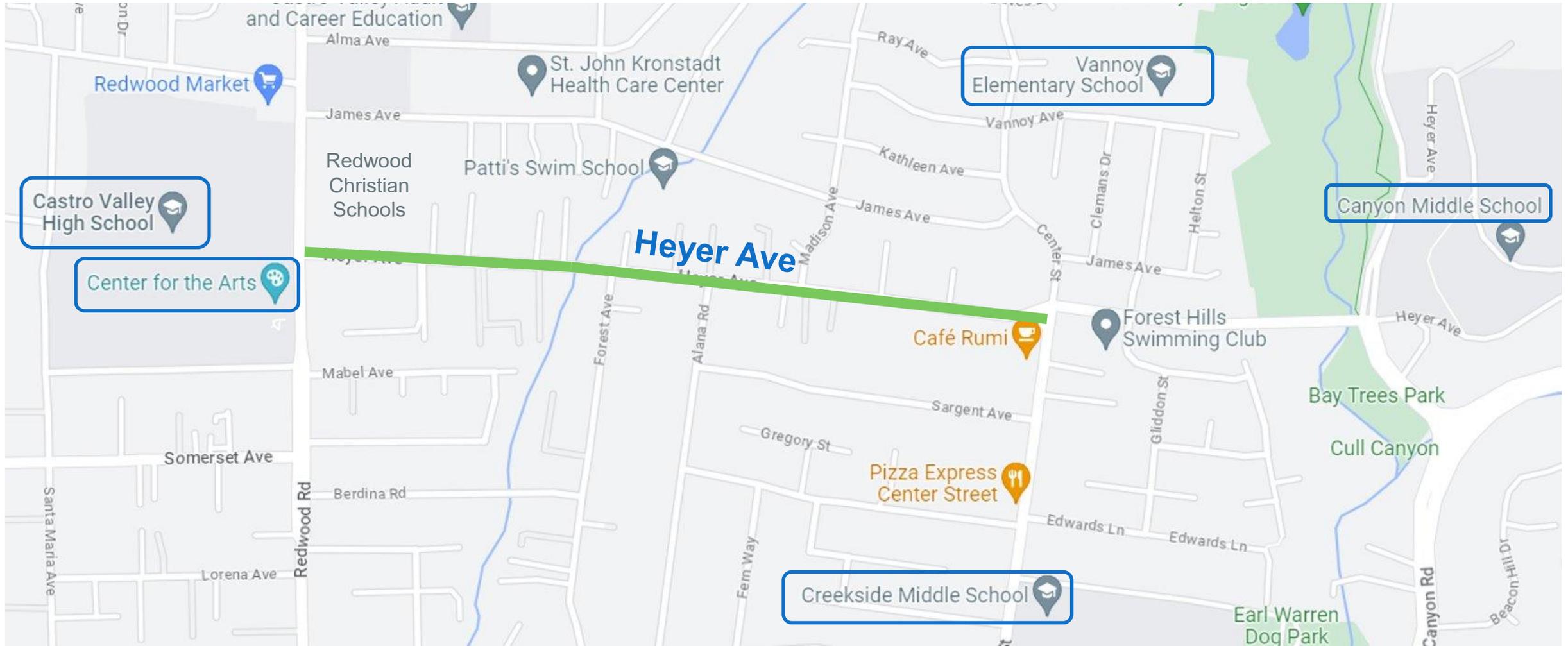


This project is funded in part by Measure BB funds  
administered by the Alameda County Transportation Commission.

# Agenda

- **Project Overview**
- **Project Goal**
- **Design Alternatives Review**
- **Project Schedule**

# Project Location



# Project Goals

To provide all users a safe and functional corridor by:

- Enhancing walkability and accessibility to local schools, businesses, and residences
- Implementing pedestrian and bicycle facilities
- Improving traffic safety for all travel modes
- Upgrading drainage systems and treating roadway stormwater runoff
- Rehabilitating pavement and extending roadway life
- Improving corridor aesthetics

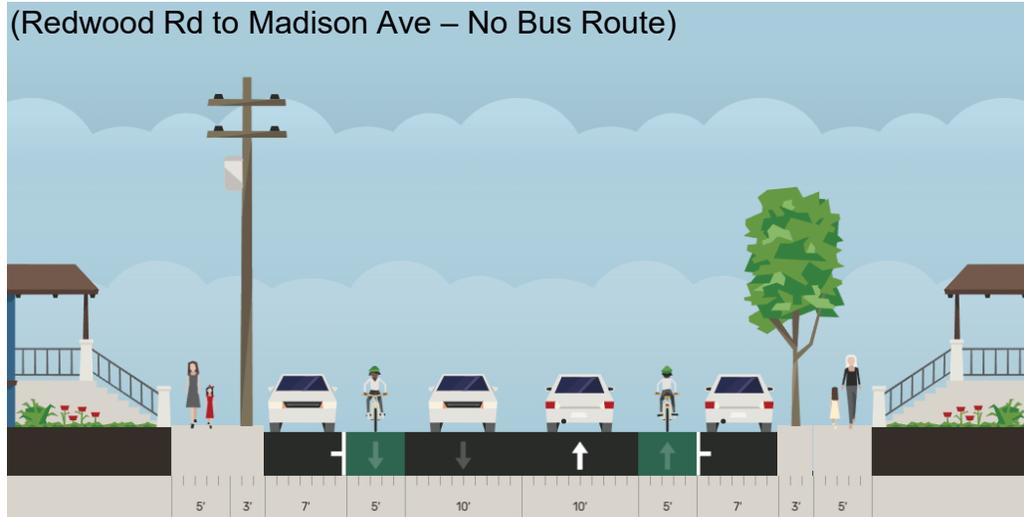


# Design Alternatives

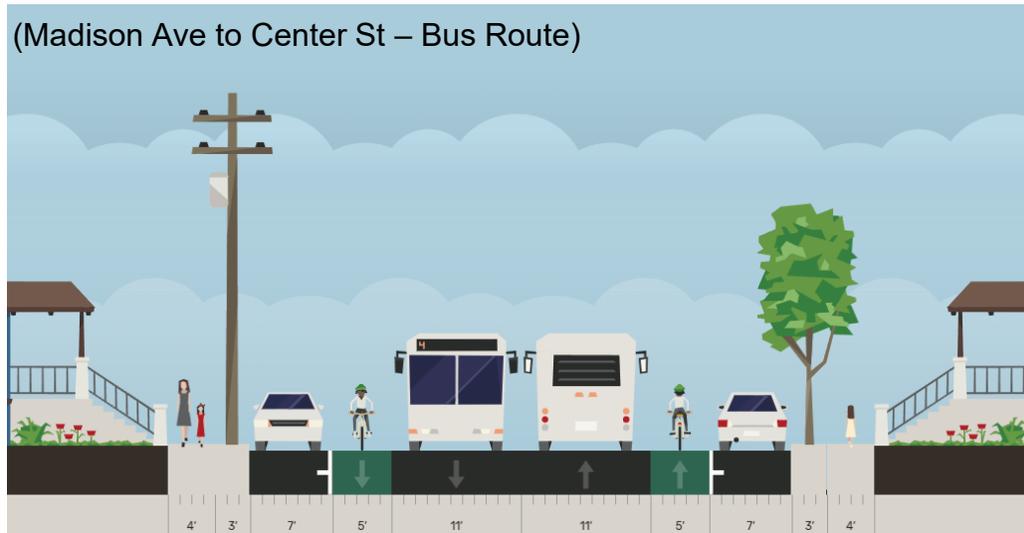
Design Detail		Alternative 1	Alternative 2		Alternative 3	Alternative 4	
Alternative Configuration		Class II Bike lanes (Both Sides)	Buffered Bike Lanes (Both Sides) Parking (One Side)		Class IV Bike Lanes (Both Sides)  Non-standard Features*	Uphill Bike lane Downhill Sharrow	
Redwood Rd to Madison Ave (No Bus Route)	<b>Bike Lane Designation</b>	<b>Class II</b>	<b>Class II + Buffer</b>		<b>Class IV</b>	<b>Class III downhill, Class II + buffer uphill</b>	
	Direction	Westbound/ Eastbound (Symmetrical)	Side 1	Side 2	Westbound/ Eastbound (Symmetrical)	Westbound(↓)	Eastbound(↑)
	Pedestrian	5	5	5	5*	5	5
	Planter/Utility Strip	3	3	3	3	3	3
	Parking	7	7	0	7	7	7
	Bicycle	5	5 bike lane + 2.5 buffer	5 bike lane + 2.5 buffer	5	0	5 bike lane + 2 buffer
	Travel Lane	10	11	11	10	14 (downhill)	10 (uphill)
	Total	30	33.5	26.5	30	29	31
Madison Ave to Center St (Bus Route)	<b>Bike Lane Designation</b>	<b>Class II</b>	<b>Class II + Buffer</b>		<b>Class IV</b>	<b>Class III downhill, Class II + buffer uphill</b>	
	Pedestrian	4	5	5	5*	5	5
	Planter/Utility Strip	3	3	3	3	3	3
	Parking	7	7	0	7	7	7
	Bicycle	5	5 bike lane + 2.5 buffer	5 bike lane + 2.5 buffer	4*	0	5 bike lane + 1 buffer
	Travel Lane	11	11	11	11	13 (downhill)	11 (uphill)
	Total	30	33.5	26.5	30	28	32
<b>Total Right-of-Way Width</b>		<b>60</b>	<b>60</b>		<b>60</b>	<b>60</b>	

# Alternative 1

(Redwood Rd to Madison Ave – No Bus Route)



(Madison Ave to Center St – Bus Route)



Design Detail		Alternative 1
Alternative Configuration		Class II Bike lanes (Both Sides)
<b>Redwood Rd to Madison Ave (No Bus Route)</b>	<b>Bike Lane Designation</b>	<b>Class II</b>
	Direction	Westbound/ Eastbound (Symmetrical)
	Pedestrian	5
	Planter/Utility Strip	3
	Parking	7
	Bicycle	5
	Travel Lane	10
	<b>Total</b>	<b>30</b>
<b>Madison Ave to Center St (Bus Route)</b>	<b>Bike Lane Designation</b>	<b>Class II</b>
	Pedestrian	4
	Planter/Utility Strip	3
	Parking	7
	Bicycle	5
	Travel Lane	11
<b>Total</b>	<b>30</b>	
<b>Total Right-of-Way Width</b>		<b>60</b>

# Alternative 2



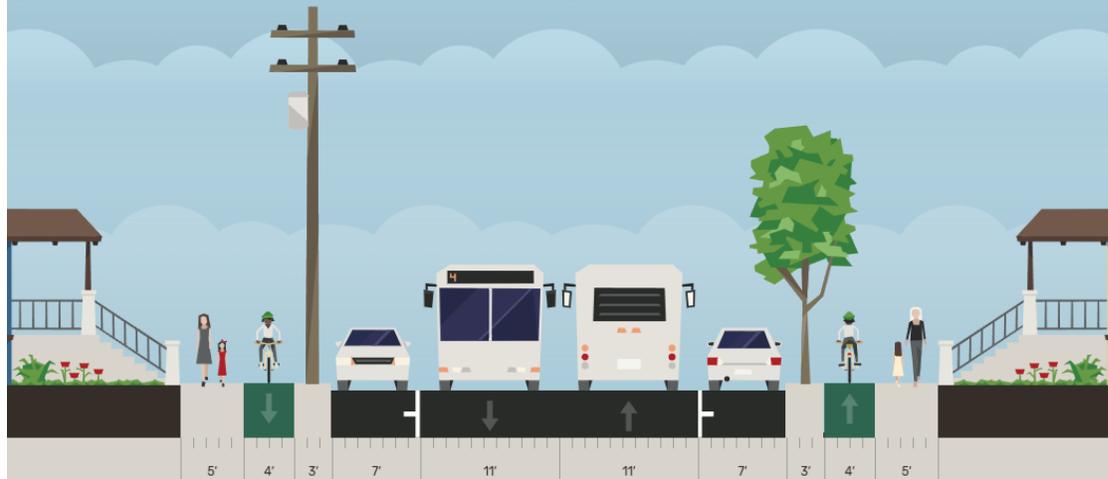
Design Detail		Alternative 2	
Alternative Configuration		Buffered Bike Lanes (Both Sides) Parking (One Side)	
Redwood Rd to Madison Ave (No Bus Route)	<b>Bike Lane Designation</b>	<b>Class II + Buffer</b>	
	Direction	Side 1	Side 2
	Pedestrian	5	5
	Planter/Utility Strip	3	3
	Parking	7	0
	Bicycle	5 bike lane + 2.5 buffer	5 bike lane + 2.5 buffer
	Travel Lane	11	11
	<b>Total</b>	<b>33.5</b>	<b>26.5</b>
Madison Ave to Center St (Bus Route)	<b>Bike Lane Designation</b>	<b>Class II + Buffer</b>	
	Pedestrian	5	5
	Planter/Utility Strip	3	3
	Parking	7	0
	Bicycle	5 bike lane + 2.5 buffer	5 bike lane + 2.5 buffer
	Travel Lane	11	11
	<b>Total</b>	<b>33.5</b>	<b>26.5</b>
<b>Total Right-of-Way Width</b>		<b>60</b>	

# Alternative 3

(Redwood Rd to Madison Ave – No Bus Route)



(Madison Ave to Center St – Bus Route)



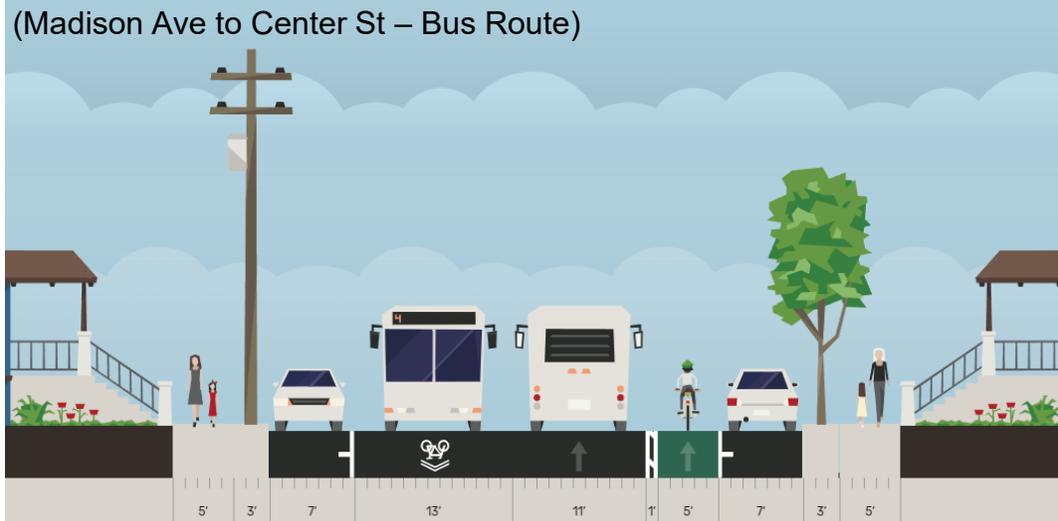
Design Detail		Alternative 3
Alternative Configuration		Class IV Bike Lanes (Both Sides)  <b>Non-standard Features*</b>
<b>Redwood Rd to Madison Ave (No Bus Route)</b>	<b>Bike Lane Designation</b>	<b>Class IV</b>
	Direction	Westbound/ Eastbound (Symmetrical)
	Pedestrian	5*
	Planter/Utility Strip	3
	Parking	7
	Bicycle	5
	Travel Lane	10
	Total	30
<b>Madison Ave to Center St (Bus Route)</b>	<b>Bike Lane Designation</b>	<b>Class IV</b>
	Pedestrian	5*
	Planter/Utility Strip	3
	Parking	7
	Bicycle	4*
	Travel Lane	11
Total	30	
<b>Total Right-of-Way Width</b>		<b>60</b>

# Alternative 4

(Redwood Rd to Madison Ave – No Bus Route)



(Madison Ave to Center St – Bus Route)

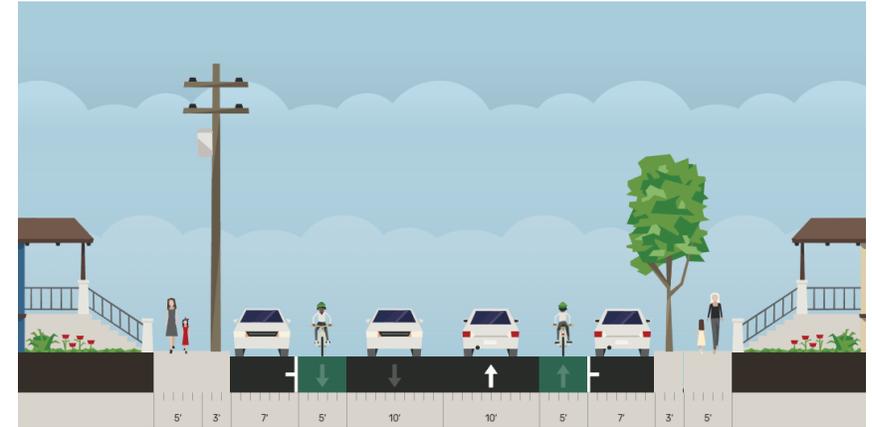


Design Detail		Alternative 4	
Alternative Configuration		Uphill Bike lane Downhill Sharrow	
<b>Redwood Rd to Madison Ave (No Bus Route)</b>	<b>Bike Lane Designation</b>	<b>Class III downhill, Class II + buffer uphill</b>	
	Direction	Westbound (↓)	Eastbound (↑)
	Pedestrian	5	5
	Planter/Utility Strip	3	3
	Parking	7	7
	Bicycle	0	5 bike lane + 2 buffer
	Travel Lane	13 (downhill)	10 (uphill)
	<b>Total</b>	<b>29</b>	<b>31</b>
<b>Madison Ave to Center St (Bus Route)</b>	<b>Bike Lane Designation</b>	<b>Class III downhill, Class II + buffer uphill</b>	
	Pedestrian	5	5
	Planter/Utility Strip	3	3
	Parking	7	7
	Bicycle	0	5 bike lane + 1 buffer
	Travel Lane	13 (downhill)	11 (uphill)
	<b>Total</b>	<b>28</b>	<b>32</b>
<b>Total Right-of-Way Width</b>		<b>60</b>	

# Recommended Alternative

## Alternative 1

- Meets all multi-modal design standards
- Provides dedicated bike facilities
- Retains existing ADA compliant sidewalks
- Achieves significant cost savings
  - *Alternative 3 will cost at least \$2.0 million more, when compared to other alternatives.*
- Accommodates site topography and grading challenges



# Project Schedule\*

- **CVMAC - Community Meeting: October or November 2025**
- **Advertisement: January 2026**
- **Contract Award: April 2026**
- **Construction: June 2026 to March 2027**

\*Proposed best-case schedule (subject to adjustments).