

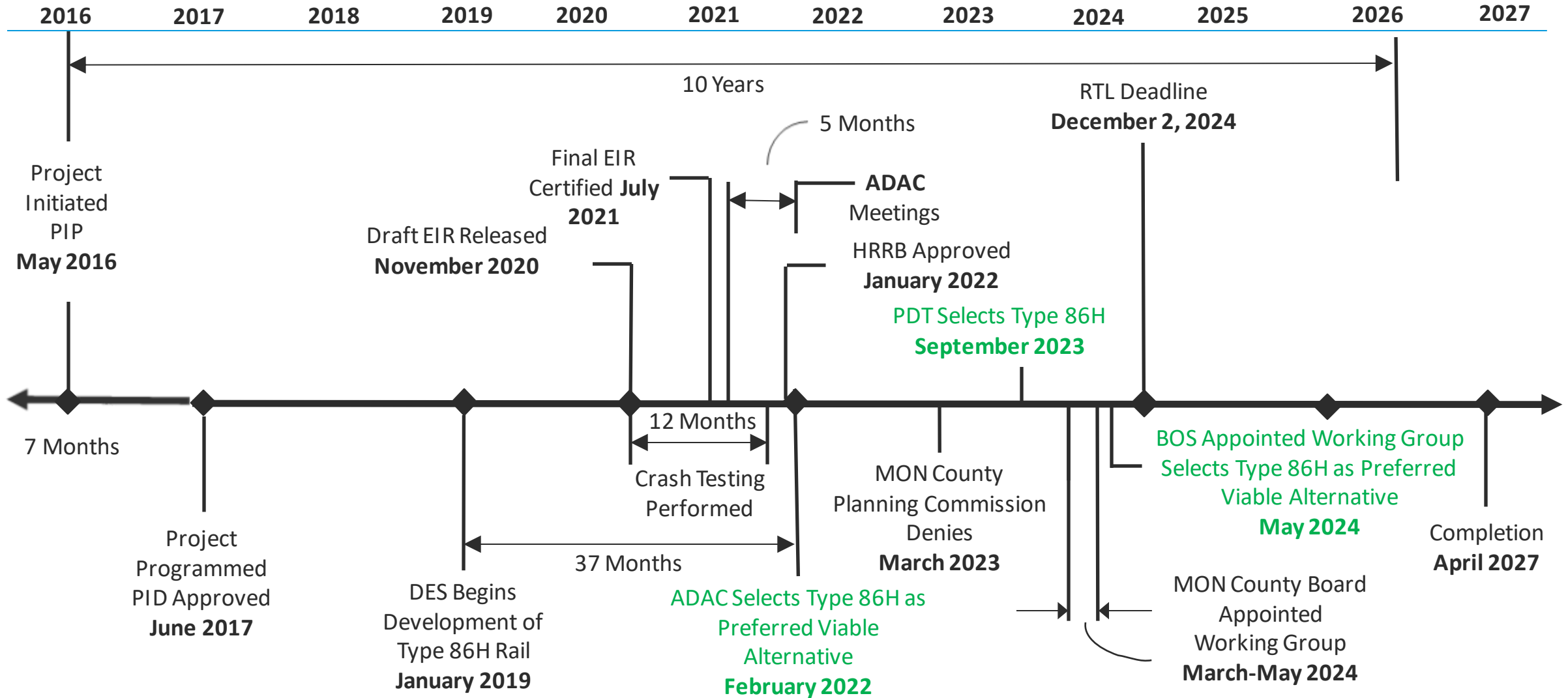


# *Garrapata Creek Bridge Rail Replacement Project*

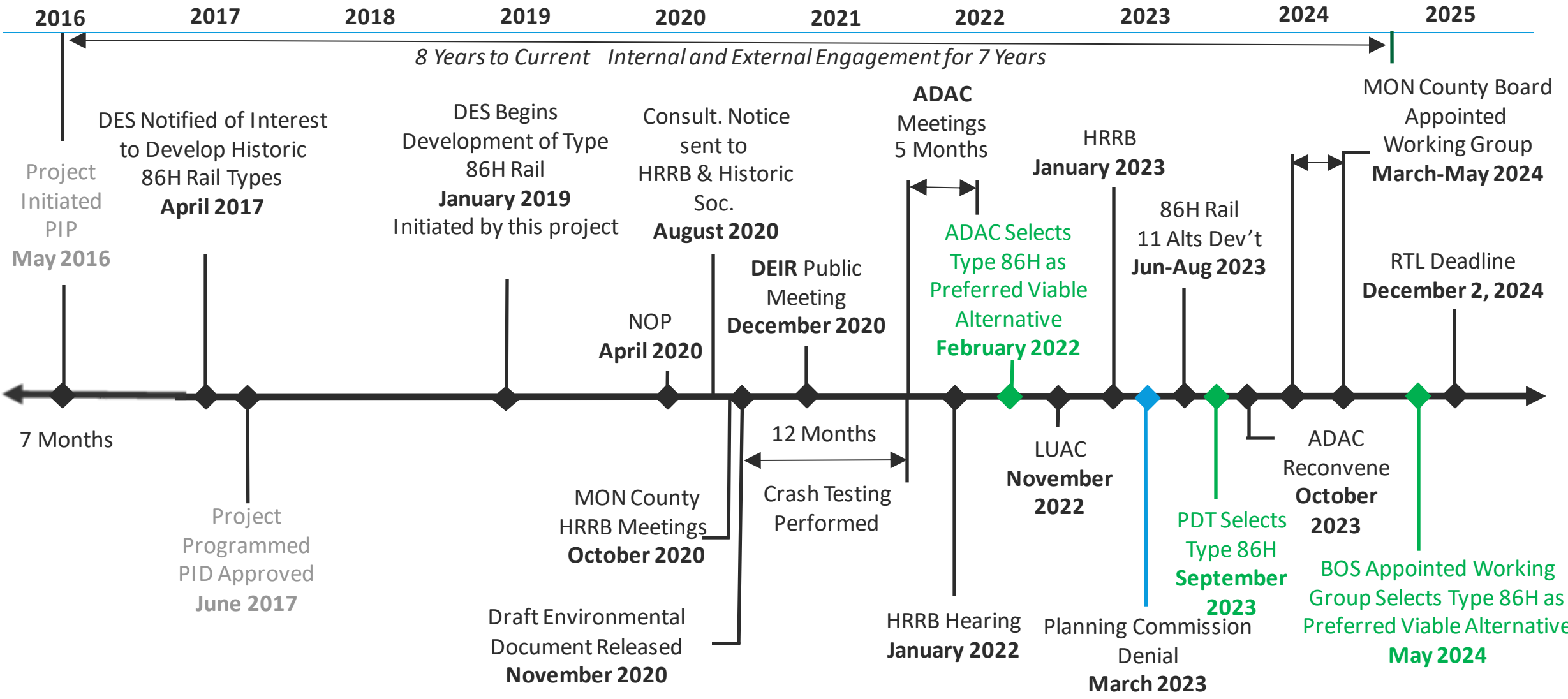
*BOARD OF SUPERVISORS APPEAL*

*June 25, 2024*

# Project Timeline



# Engagement Timeline



# Engagement

## GARRAPATA BRIDGE RAIL AESTHETIC DESIGN ADVISORY COMMITTEE (ADAC)

*Established September 2021*

### **Bridge Rail Customizations During the ADAC:**

- Maximized window view
- Minimized overall mass and scale
- Chamfers and architectural lines added
- Strongposts spacing modified to match existing structure and aligned to match bridge substructure
- Non-Standard Specification written requiring contractor to match current weathered color and texture
- Top of strongposts rounded
- End blocks curved and engraved with year

Six ADAC Meetings held from October 2021- February 2022 to refine bridge rail designs to be consistent with the Coast Highway Management Plan (CHMP).

**Barrier Type 86H** selected as the preferred viable alternative.



# Engagement

## Historic Resource Consultation

State Historic Preservation Office

The Big Sur Historical Society

Monterey County Land Use Advisory Committee

Native American Heritage Commission

The Monterey County Historical Society

Native American Tribes, Groups, and Individuals

Monterey County Historic Resources Review Board  
(HRRB)

Historic Bridge Foundation

# Board Appointed Working Group

*Established March 26, 2024*

## **Scope / Direction:**

- Take a fresh look at all possible alternatives with a Board Appointed Working Group
- After evaluation of options, provide results and recommendations to Board of Supervisors.

## **Aspects Discussed:**

- Speed changes of roadway and bridge
- Rail safety requirements
- Rail element sizing and purpose
- Chamfering
- Strong post spacing
- Curb, post, and rail sizing
- Window dimensions
- Window shape
- Pedestrian, bike and motorcycle prohibitions
- Rebar design and structure construction
- Pedestrian bridge
- Existing bridge rail issues related to being crash safe & testing levels
- Consistency with CHMP and other documents

## **Rail Types & Variation Considerations:**

- Evaluated 6 bridge rail types meeting crash safety requirements
- Considered 25 bridge rail variations
- Aspects of existing bridge rail that fail to meet initial crash safety evaluation

# Board Appointed Working Group

*Concluded May 17, 2024*

## Concluding Member Vote for Board Consideration

- Deliberation and discussion over two sessions
- Appointed Moderator asked for concluding votes- top 3 ranked choices
- 7 appointed persons voted
  - 3 Caltrans members
  - 4 County members
- Each member picked top 3 rail types
  - 1st pick – 3 pts
  - 2<sup>nd</sup> pick – 2 pts
  - 3<sup>rd</sup> pick – 1 pt
  - Regulated by Moderator

# Board Appointed Working Group

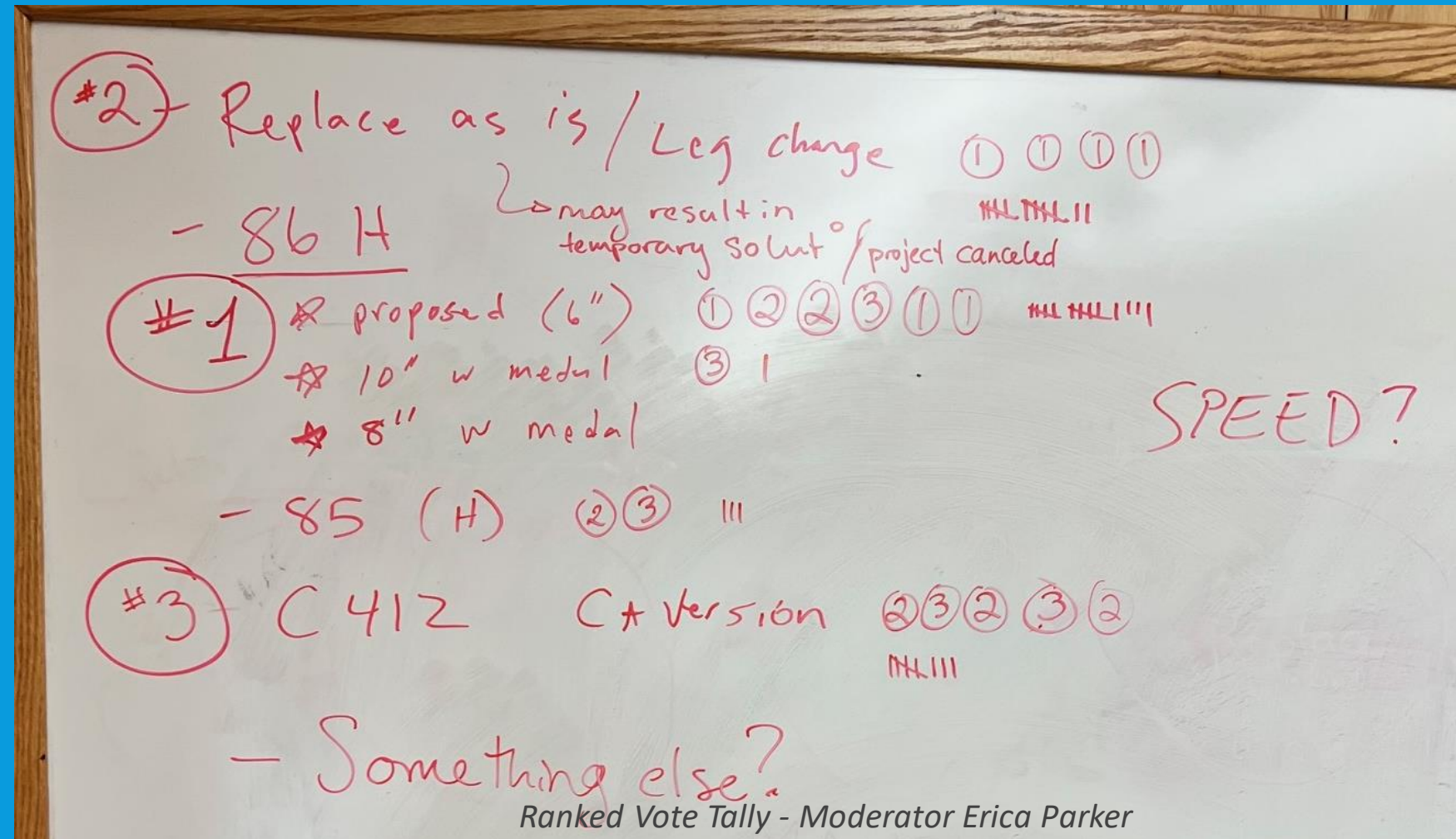
Concluded May 17, 2024

## Top 2 Viable, Ranked Vote Results

- 1) 86H with 6-inch Opening (No Bar), 14 pts
- 2) Type C412, 8 pts

## Unranked Vote Result

- 1) Existing Rail Reconstructed- 4 Votes
- 2) 86H with 6-inch Opening (No Bar), 6 Votes
- 3) C412, 5 Votes





# Board Appointed Working Group

*Viable Barrier Types C412 and 86H*



C412 FRONT ELEVATION



86H WITH TOP BEAM GROOVE LINE FRONT ELEVATION



C412 BACK ELEVATION



86H WITH TOP BEAM GROOVE LINE BACK ELEVATION

# Board Appeal For Coastal Development Permit For Garrapata Creek Bridge Rail



*Please Support Replacement with Bridge Rail Type 86H*

# Board Of Supervisors Garrapata Bridge Rail cdp appeal

*Top Ranked Viable Barrier by  
Working Group: 86H*

*May 2024*



# ***Garrapata Bridge Rail Replacement CDP Appeal***

- Project Manager: Aaron Wolfram
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- CDP Coordinator: Geramaldi Geramaldi
  - (805) 441-0561
- Visual Technical Specialist: Kristen Langager
  - (805) 543-3618
- District 5 Division Chief – Traffic: Peter Hendrix
  - (805) 748-1309
- Website: [Big Sur and Garrapata Creek Bridge Rail Replacement Project](#)
- FAQ's: [Garrapata Creek Bridge Rail Replacement Project: FAQ's](#)
- Visual Simulations: [Garrapata Creek Bridge Rail Replacement Visual Simulations](#)

