

Caulfield Bridge Crosstown Connector

PROJECT PRESENTATION FOR PETALUMA
PEDESTRIAN & BICYCLE ADVISORY
COMMITTEE (PBAC)

Wednesday March 6th, 2024



MARK THOMAS

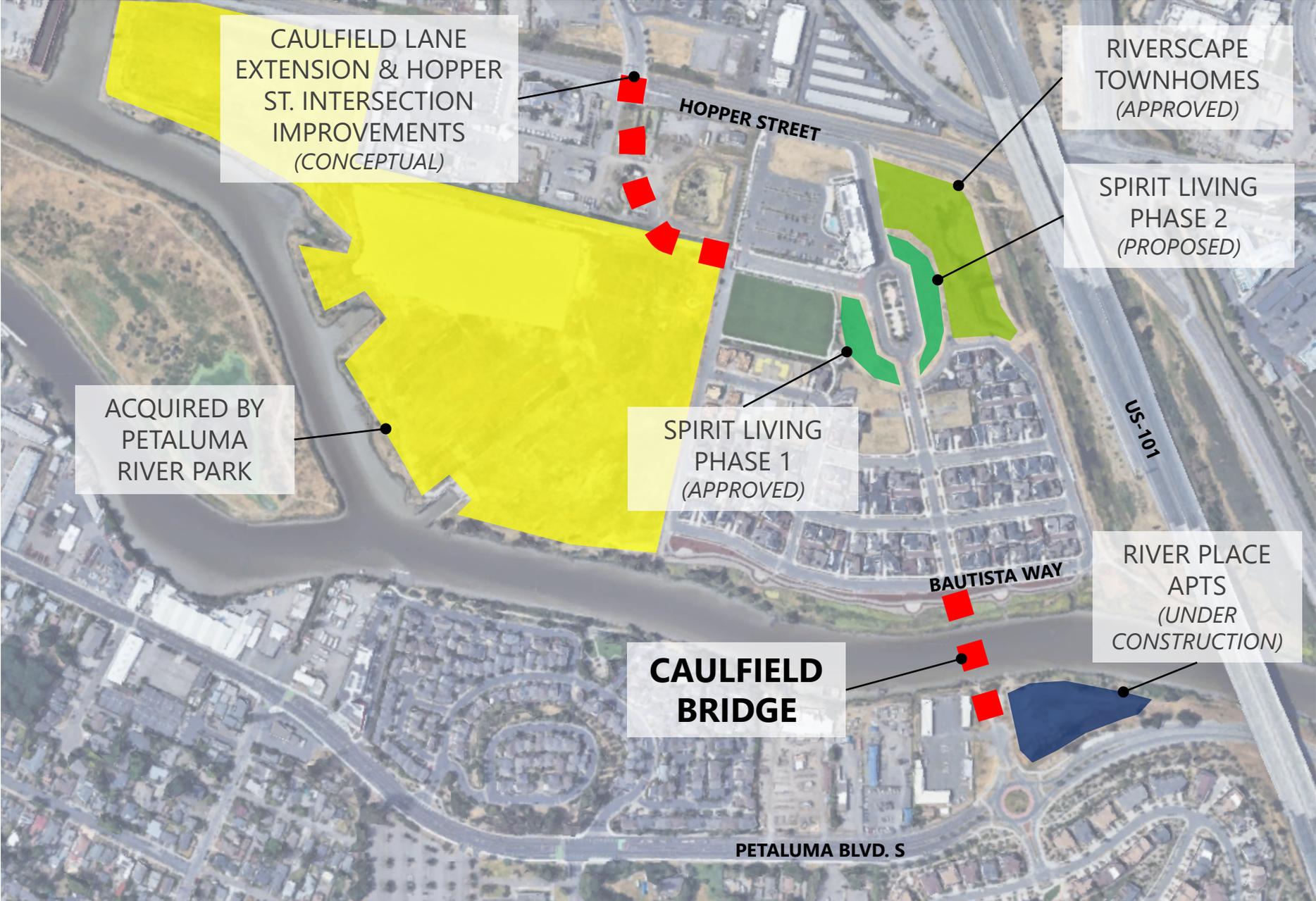
Project Purpose



The Caulfield Bridge Crosstown Connector Project will:

- Construct a new drawbridge over the Petaluma River
- Connect Crystal Lane at Petaluma Boulevard South to Caulfield Lane at Bautista Way.
- Provide direct access between southeast and southwest Petaluma
- Enable safe and convenient crossing for those walking, biking, rolling, or driving
- Relieve traffic congestion on existing crosstown connectors, such as E. Washington and D Streets
- Improve emergency response times.

CAULFIELD BRIDGE PROJECT AREA & DEVELOPMENT ACTIVITY

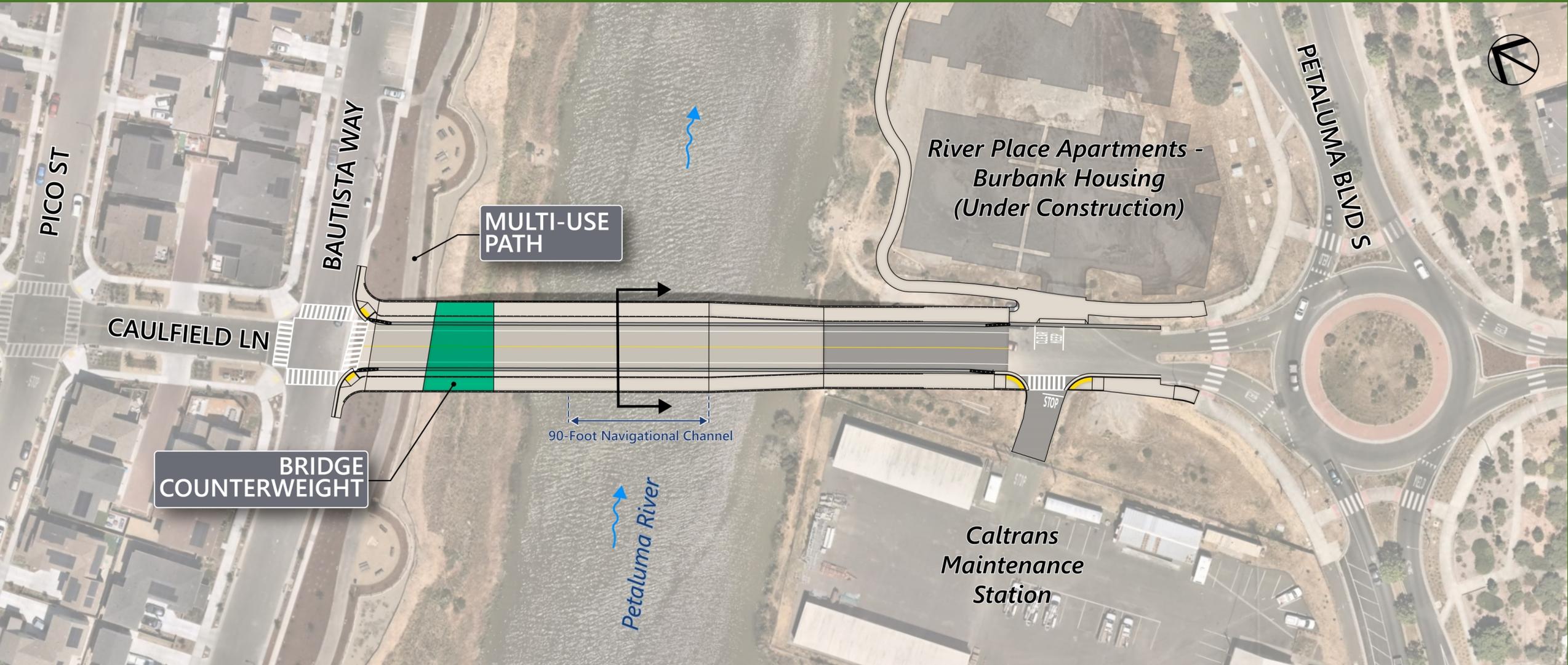


ACTIVE TRANSPORTATION CONNECTIONS

- EXISTING/
PROPOSED MULTI-
USE TRAIL (PAVED)
- EXISTING/
PROPOSED BIKE
LANES (CLASS
II/IIB/IV)
- EXISTING MULTI-
USE TRAIL
(UNPAVED)



Bridge Layout



PICO ST

BAUTISTA WAY

CAULFIELD LN

MULTI-USE PATH

BRIDGE COUNTERWEIGHT

90-Foot Navigational Channel

Petaluma River

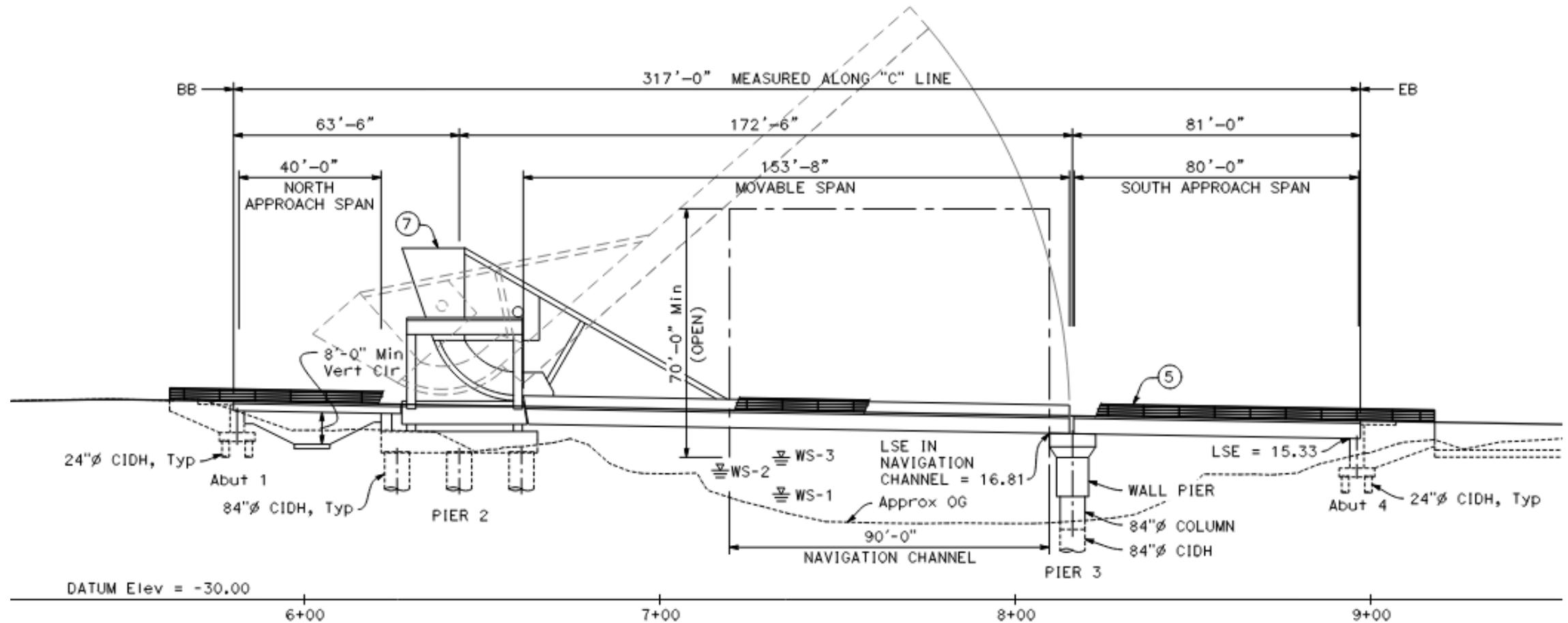
River Place Apartments -
Burbank Housing
(Under Construction)

Caltrans
Maintenance
Station

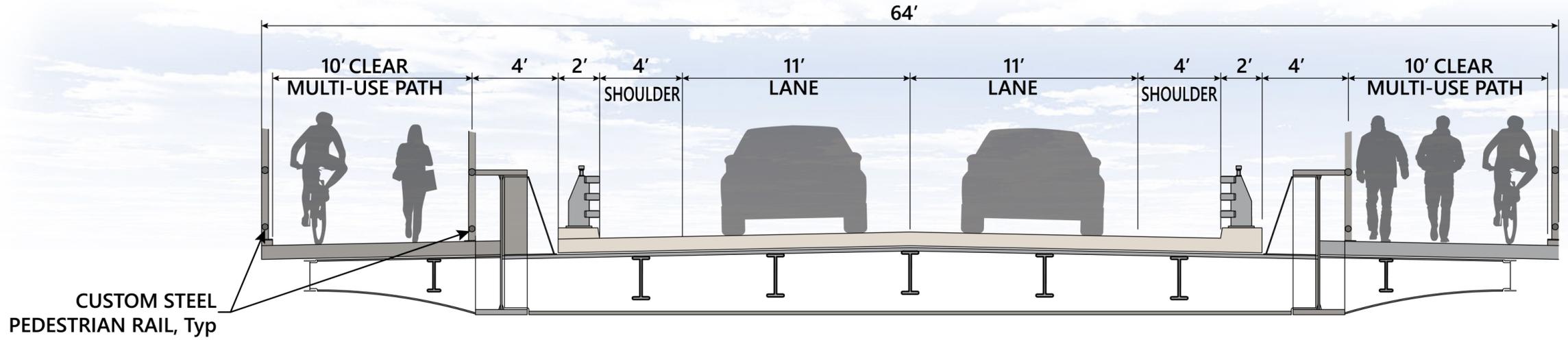
PETALUMA BLVD S



Bridge Elevation



Bridge Layout



MOVABLE BRIDGE CROSS SECTION

Existing Site



Existing Site



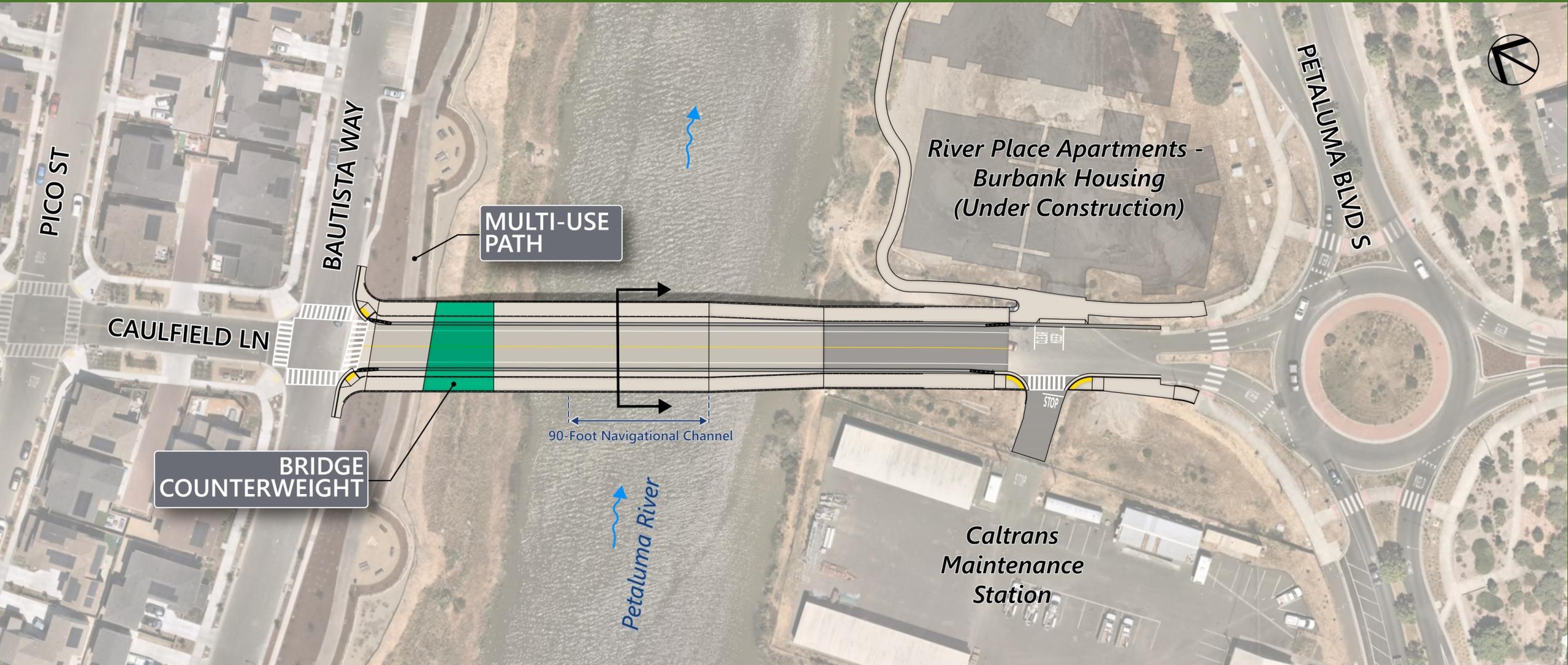
Existing Site



Existing Site



Bridge Layout



Public Engagement (October 2023)



Community

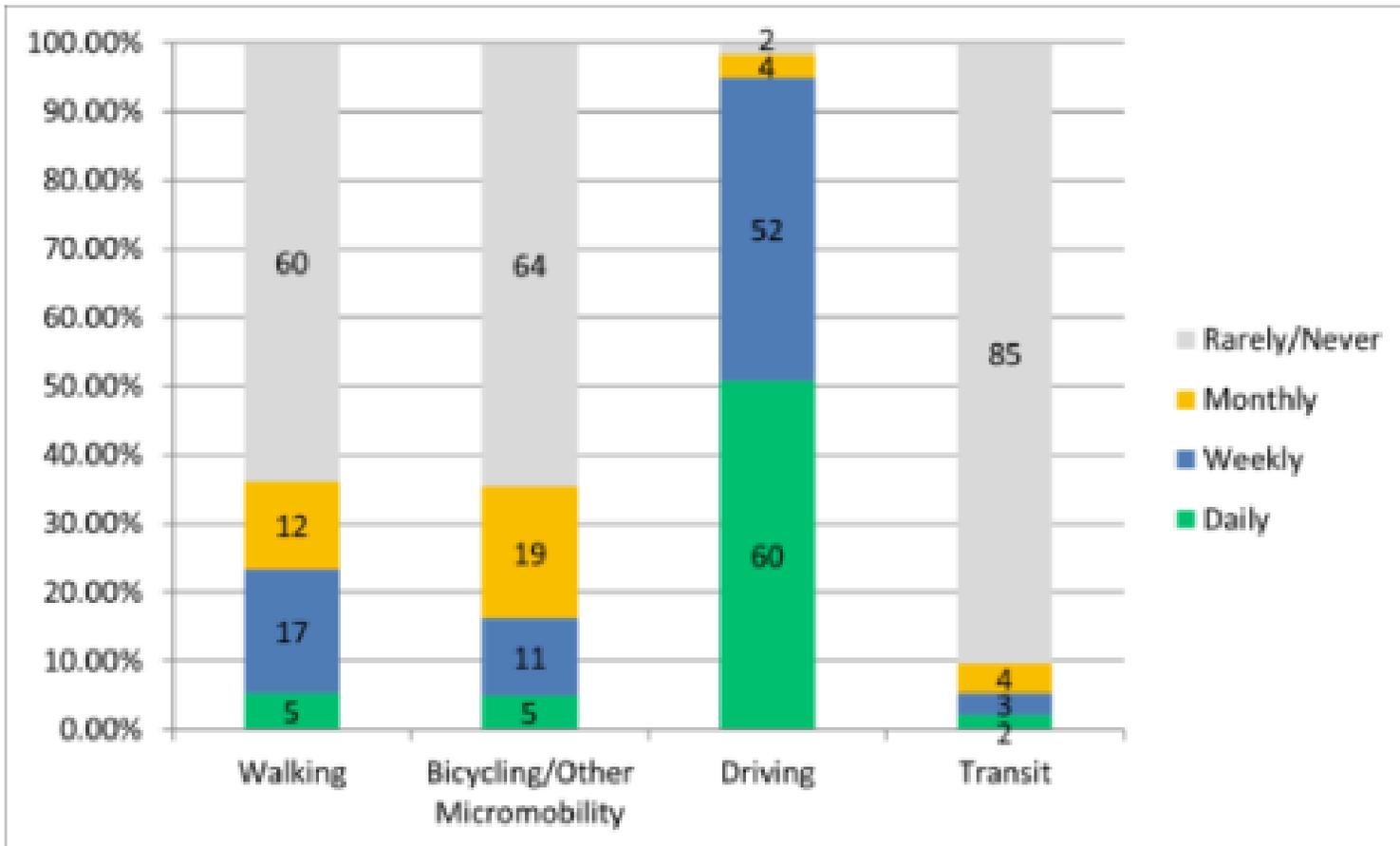
- Community members want to see the bridge wide enough to accommodate multiple users, such as bicyclists and pedestrians.
- Community members want to see engagement with local artists to contribute to the design of the bridge.
- To deter encampments or shelters forming under the bridge, community members would like to see lines of sight and abundant lighting to make the bridge feel safe and welcoming.
- Some community members expressed interest in a designated fishing area near the bridge and other river access for recreational purposes



Public Engagement (October 2023)



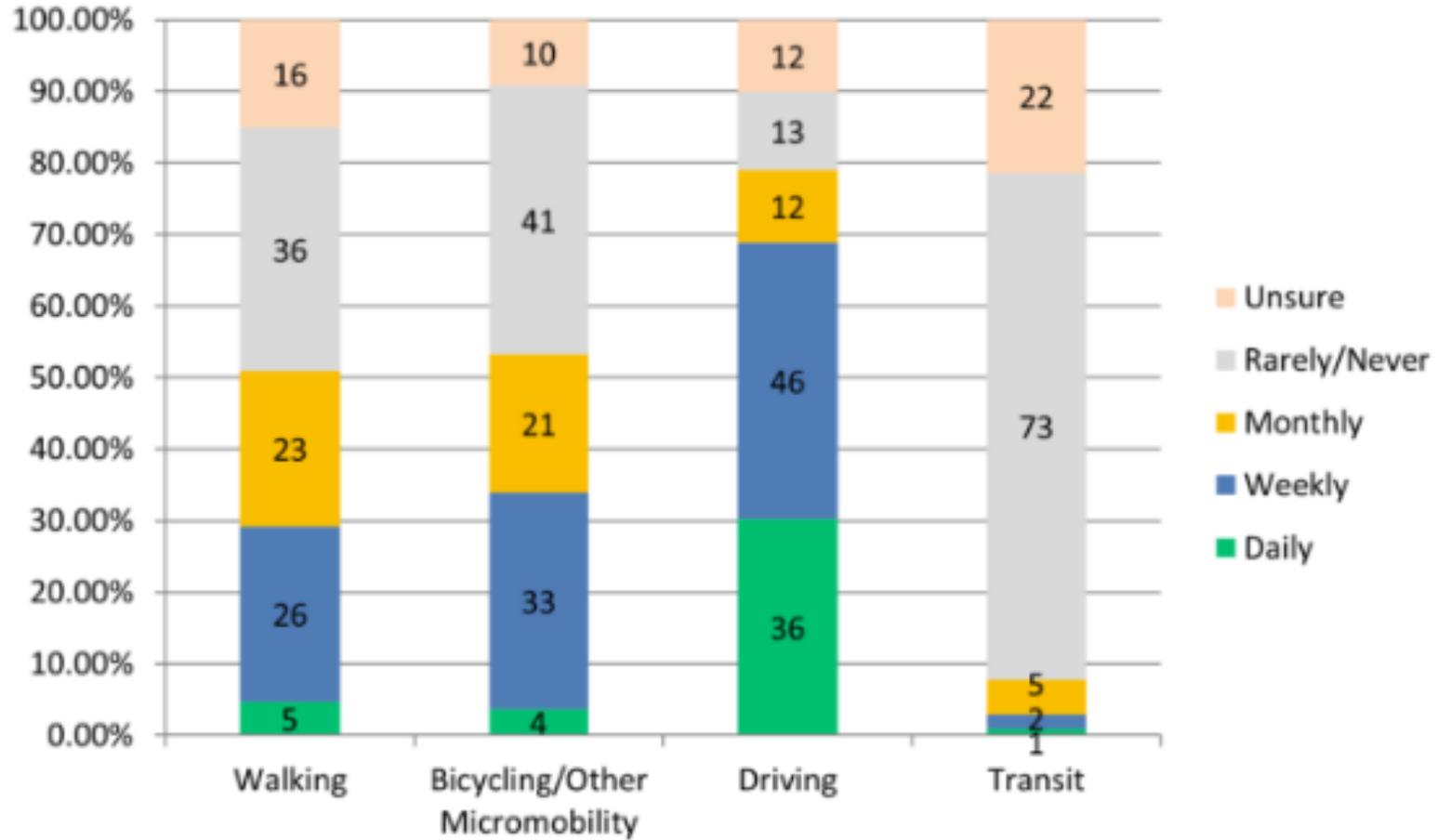
Question 3: How do you currently travel between east and west Petaluma (across the freeway and/or river), and how frequently?



Public Engagement (October 2023)



Question 6: How do you anticipate using the Caulfield Bridge, and how frequently?



Upcoming Public Engagement



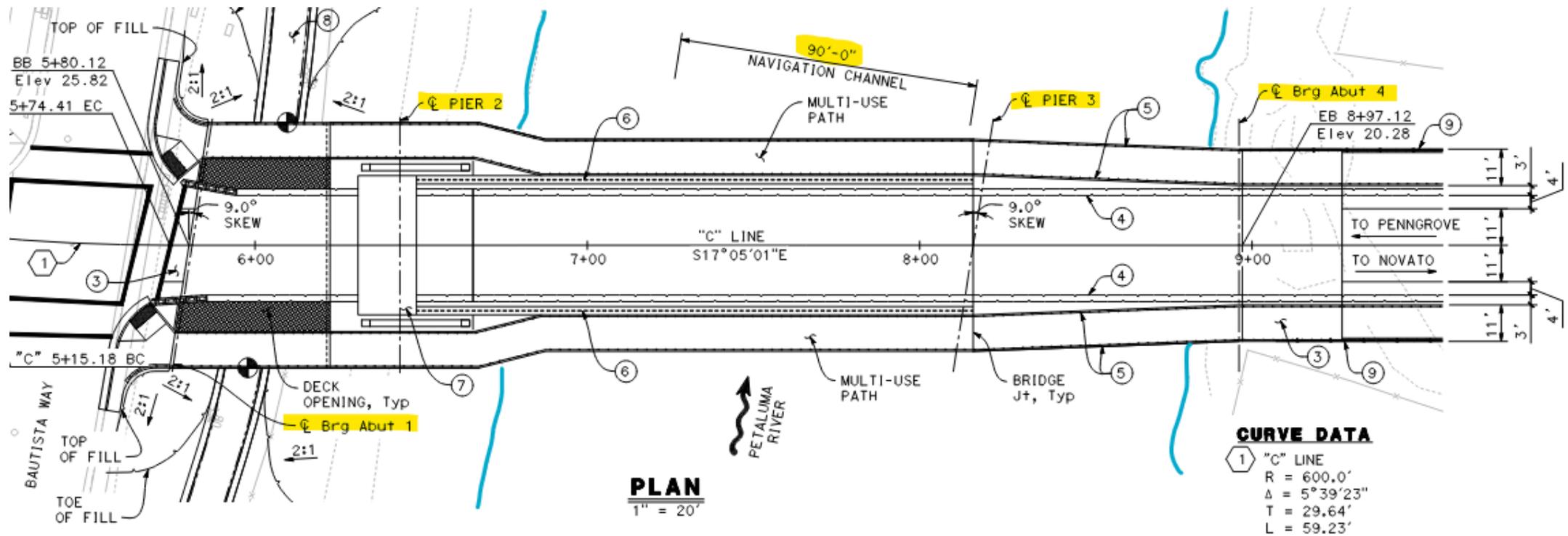
- Neighborhood Focused Meeting with Riverfront Development
- Regular updates to Committees, Commissions and Council as design progresses (including two rounds Bridge Renderings).
- Public Meeting at circulation of the Draft Environmental Document (anticipated July 2024)
- US Coast Guard to circulate a notice to mariners soliciting feedback on the project
- Regular email updates to those signed up through project webpage <https://cityofpetaluma.org/caulfieldbridge/>



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Questions?

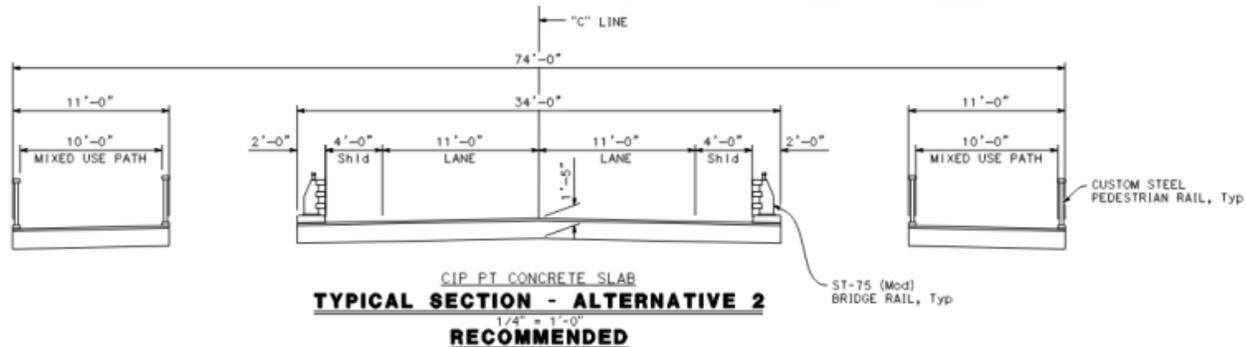
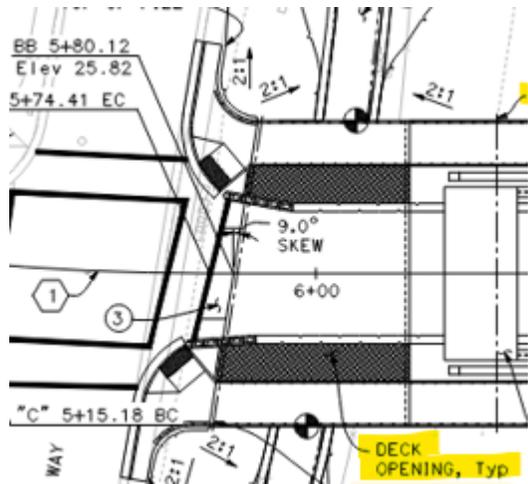
Bridge Plan



Key Bridge Features



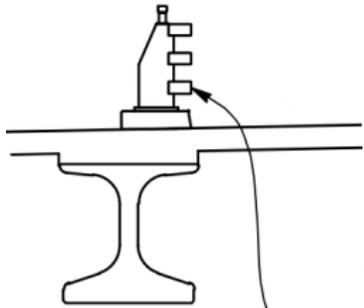
- Cross Section (cont.)



Key Bridge Features



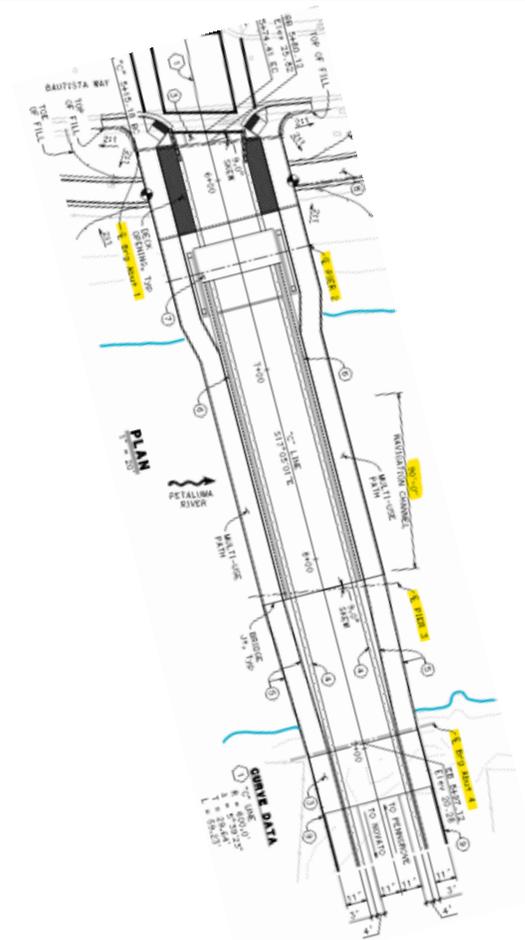
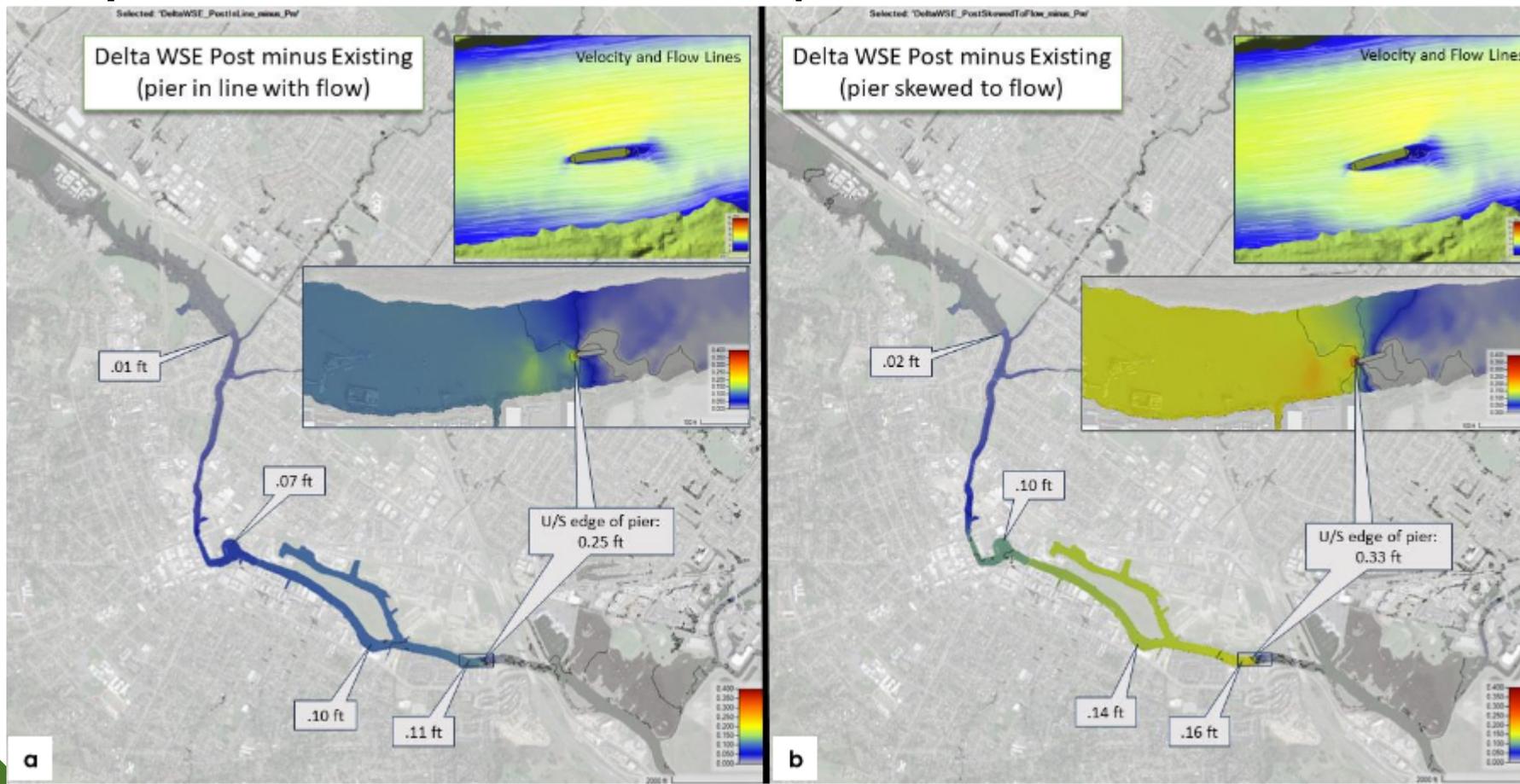
- Aesthetics



ST-75 (Mod)
BRIDGE RAIL, Typ

Key Bridge Features

- Hydraulics – skewed rest pier

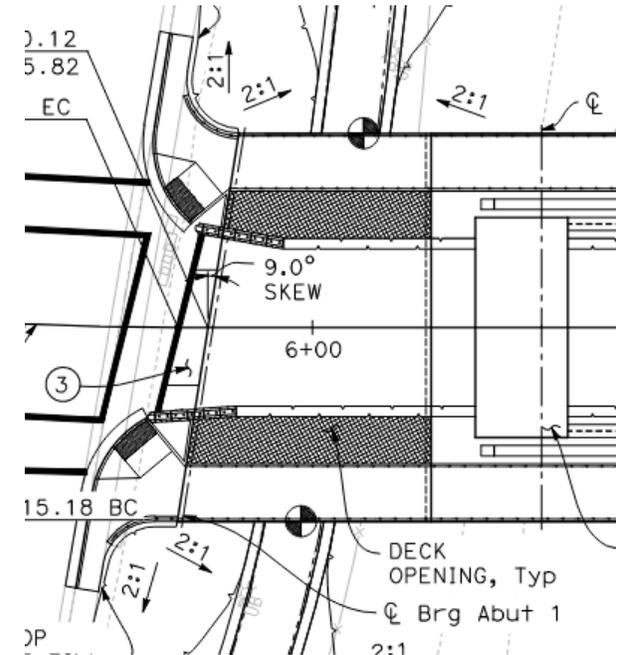
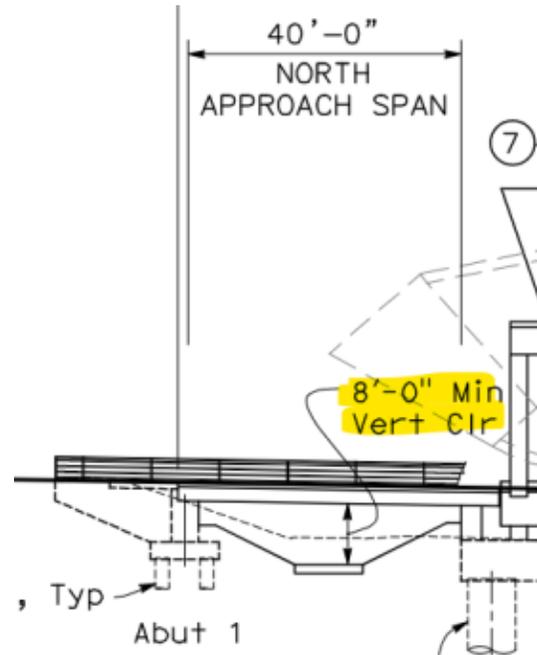


Hydraulic analysis performed by Balance Hydraulics

North Approach Span



- Selection Criteria
 - Structure Cost
 - Superstructure Depth
 - Constructability
 - Aesthetic Consistency with Movable Span



North Approach Span

