

State Route (Route) 49 Mokelumne River Bridge Upgrade Project



Virtual Public Workshop

February 24, 2021 5:00 – 6:30 PM

Hosted by Caltrans District 10 Project Team



District 10 Project Team Introductions

Sinara Pheng, Project Management.

Bob Adams, Small Business Liaison.

Maryann Maynard, Project Management.

Bob Highfill, Public Information.

Warren Alford, Public Information.

Divine Yang, Environmental.

Jaycee Azevedo, Environmental.

Kal Daher, Design.

Tham Bui, Structure Design.

Corey Casey, Construction.

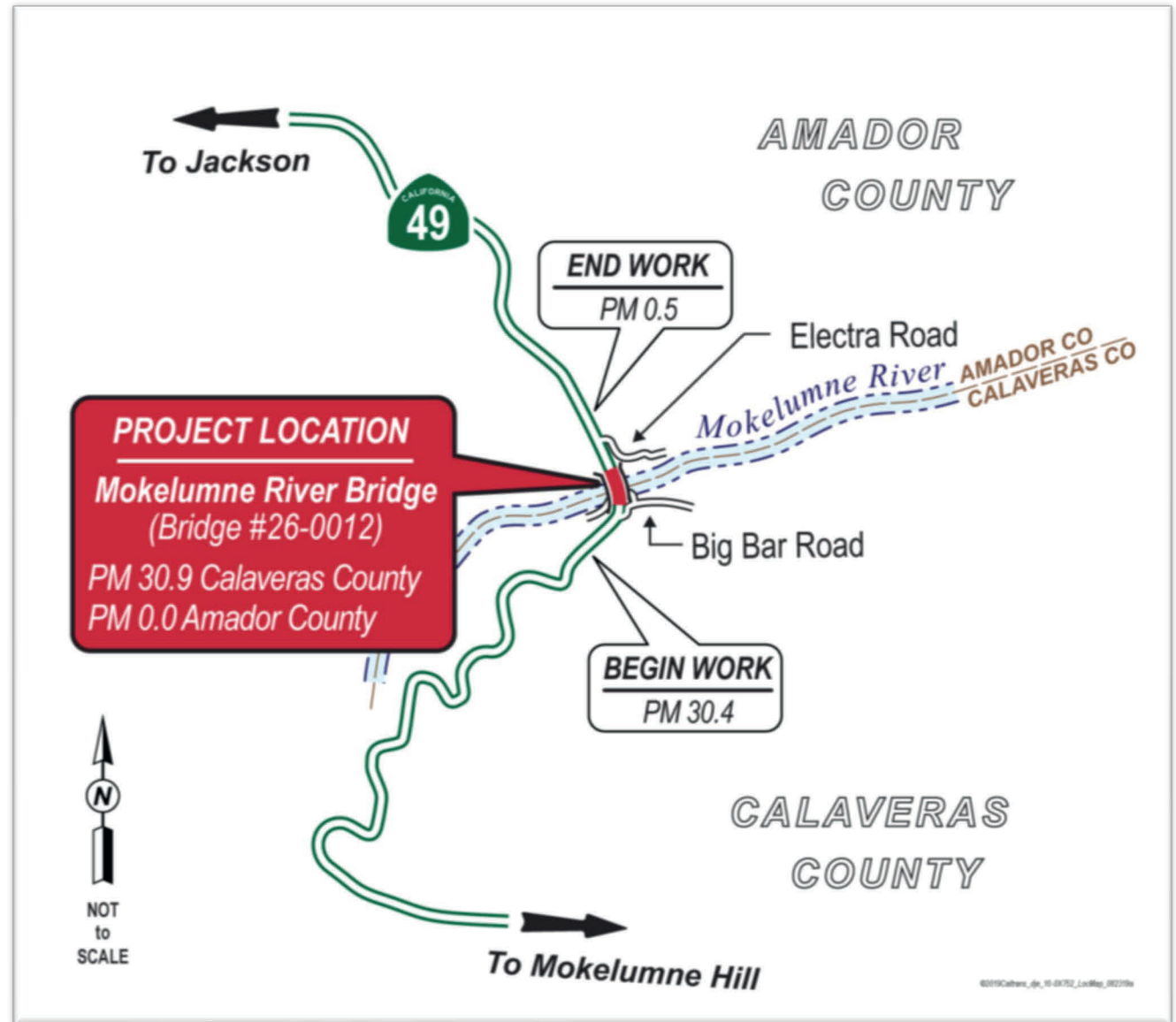
Stephen Pozzo, Structure Construction.

Quan Trinh, Traffic Management.



Project Location

On Route 49
at the
Mokelumne
River Bridge
at the
Calaveras
and Amador
County line.



GENERAL PROJECT INFORMATION

Need & Purpose: There is a need to upgrade the non-standard concrete baluster bridge rails and the existing shoulder width on the bridge because it does not meet the needs of bicycle and pedestrian traffic. The purpose of this project is to upgrade the bridge rails to meet current crash safety standards and widen the bridge to enhance the mobility of pedestrian and bicycle traffic.

Scope of Work:

- Replace the existing bridge rails and widen the bridge to include 4-foot shoulders
- Widen the roadway approach shoulders on both ends of the bridge for approximately 75 feet to match the widened structure and the adjacent roadway segments
- Remove existing deteriorated chip seal overlay and place 1-inch polyester concrete overlay, replace joint seals, and roadway taper for smooth transition





Existing Mokelumne River Bridge



	Length (feet)	Width (feet)	# of Lanes Lane Width (feet)	Shoulders (feet)
Existing Bridge	365 feet	28 feet	two lanes 12 feet-wide lanes	2 feet
Proposed Bridge	365 feet	32 feet	two lanes 12 feet-wide lanes	4 feet

Artistic Rendering of the Proposed Design



Artistic Rendering of the Proposed Design

Alternative #1



Artistic Rendering of the Proposed Design

Alternative #2



Funding & Schedule

Funding

The project is fully funded through the State Highway Operation and Protection Program (SHOPP).

Construction Cost Estimate: \$4.3 million

Schedule

The project is currently in the design phase. Below is the tentative schedule.

- Complete Design: November 2021
- Advertise Project: February 2022
- Award Contract: April 2022
- Begin Construction: June 2022
- Complete Construction: November 2022



Planned Construction Work



- Construction work: summer to fall seasons
- Demolition work: early morning to 11:00 am, up to 1:00 pm
- No construction work during special recreational days and weekends
- Access to Big Bar Road may be blocked for up to 20-minute intervals at various times
- Working pads placed on all four corners below the bridge, approximately 30 feet wide from the edge
- Big Bar Launch remains open throughout construction

Traffic Handling During Construction

- One-way Traffic Closure Using Temporary Traffic Signal (24/7) with Override Capability to Prioritize Emergency Response
- Flaggers During the Day and As Needed
- Changeable Message Signs to Alert Motorists
- Temporary “KEEP CLEAR” Signs at Electra Road & Big Bar Road
- “No Detour” Signs on Local Roads
- Maintain Access at Big Bar Road and Electra Road
- Expected Delays: Maximum 10 minutes during peak hour traffic

QUESTIONS?

Project Contacts

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