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

Alfred Blum, Construction
Divine Yang, Environmental
Jaycee Azevedo, Environmental
Kal Daher, Design
Quan Trinh, Traffic Management
Randip Bains, Structure Design
Stephen Pozzo, Structure Construction
Sinara Pheng, Project Management
Warren Alford, Public Information
Yvette Monje, Project Management
On Route 49 at the Mokelumne River Bridge at the Calaveras and Amador County line.
Need & Purpose: There is a need to upgrade the non-standard concrete baluster bridge rails and the existing shoulder width on the bridge 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

<table>
<thead>
<tr>
<th></th>
<th>Length (feet)</th>
<th>Width (feet)</th>
<th># of Lanes</th>
<th>Lane Width (feet)</th>
<th>Shoulders (feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Existing Bridge</td>
<td>365 feet</td>
<td>28 feet</td>
<td>two lanes</td>
<td>12 feet-wide lanes</td>
<td>2 feet</td>
</tr>
<tr>
<td>Proposed Bridge</td>
<td>365 feet</td>
<td>32 feet</td>
<td>two lanes</td>
<td>12 feet-wide lanes</td>
<td>4 feet</td>
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</tbody>
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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 design phase.

- Complete Design: November 2021
- Advertise Project: February 2022
- Award Contract: April 2022
- Begin Construction: May 2022
- Complete Construction: November 2022
- Construction work: summer through 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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