

**DEPARTMENT OF TRANSPORTATION**

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*Making Conservation  
a California Way of Life.*

October 9, 2020

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SCH# 2020099010

Stephanie Cormier  
Principal Planner  
Department of Community Services  
Yolo County  
292 W. Beamer Street  
Woodland, CA 95695

**County Road 40 over Cache Creek Bridge (22C-0091) Replacement Project –  
Initial Study/Mitigated Negative Declaration**

Dear Ms. Cormier:

Thank you for including the California Department of Transportation (Caltrans) in the review process for the project referenced above. Caltrans' new mission, vision, and goals signal a modernization of our approach to California's transportation system. We review this local development for impacts to the State Highway System (SHS) in keeping with our mission, vision, and goals for sustainability/livability/economy, and safety/health. We provide these comments consistent with the State's smart mobility goals that support a vibrant economy, and build communities, not sprawl.

The Yolo County Department of Community Services, Public Works Division (County), the State of California Department of Forestry and Fire Protection (CalFire), and the Caltrans Division of Local Assistance propose to replace the existing County Road 40 (CR 40) Low Water Bridge (22C-0091) over Cache Creek. The County proposes replacing the existing structurally deficient low-water crossing bridge (22C-0091) over Cache Creek with a new structure on an improved alignment at essentially the same location as the existing bridge. The replacement structure is anticipated to be a three-span, cast-in-place, reinforced concrete slab superstructure supported on two-column pile extension bents and seat type abutments founded on 30-inch cast-in-drilled-hole concrete piles. Construction of the proposed bridge is planned to commence in spring 2021 or later. Based on the information received, Caltrans provides the following comments.

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### **Traffic Operations**

CR 40 has a horizontal curve alignment east and west of the State Route 16 (SR 16) and CR 40 intersection. During construction, warning flags may be needed on SR 16 for advance warning of construction trucks exiting and entering CR 40. Parking or staging equipment along SR 16 is not permitted.

### **Hydraulics**

For the installation of the Rock Slope Protection (RSP), sizing should be based on Hydraulic Engineering Circular (HEC)-23 over the range of flows up to the 100-year event. It is recommended that the bridge be designed for hydraulic and debris loads based on the size of trees in the area. Consideration of the use of approach slabs is recommended.

Please provide our office with copies of any further actions regarding this project. We would appreciate the opportunity to review and comment on any changes related to this development. If you have any questions regarding these comments or require additional information, please contact Anissa Raja, Intergovernmental Review Coordinator, at (530) 741-4507 or by email at: [anissa.raja@dot.ca.gov](mailto:anissa.raja@dot.ca.gov).

Sincerely,

*Alexander Fong*

ALEX FONG  
Acting Branch Chief, Transportation Planning – South  
Planning, Local Assistance, and Sustainability  
Caltrans District 3

Cc: State Clearinghouse