

DESIGN ENGINEERING SERVICES FOR THE ELLIOT ROAD BRIDGE NO. 29C-249 AND THE BLOSSOM ROAD BRIDGE NO. 29C-116 SCOUR MITIGATION PROJECTS

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Project Description:

The San Joaquin County Department of Public Works (SJCDPW) will be requesting proposals from engineering consulting firms to provide design engineering services for the Elliot Road Bridge No. 29C-249 across Dry Creek and the Blossom Road Bridge No. 29C-116 across Beaver Slough Scour Mitigation Projects. These are Federal aid projects and will be mainly funded from the Federal Highway Bridge Program (HBP) under the Bridge Preventive Maintenance Program (BPMP).

One consulting firm will be selected for the Elliot Road Bridge No. 29C-294 Scour Mitigation Project and another consulting firm will be selected for the Blossom Road Bridge No. 29C-116 Scour Mitigation Project to perform professional and technical engineering services. You have the option to propose for both projects or only one project of interest. The purpose of the project is to mitigate the scouring issues and to maintain safety that will meet current American Association of State Highway and Transportation Officials Standards. The work will be engineered using Hydraulic Engineering Circular (HEC 23) and utilized engineering solutions to mitigate for scour.

Required Services:

The services to be provided will include, but are not limited to:

- Surveying
- Geotechnical Investigation
- Hydrology and Hydraulics Analysis
- Right-of-way Support
- HES-RAS Base Model for existing bridge
- Environmental Studies
- Permitting
- Preparation of PS&E
- Bidding Assistance and Construction Support

RFP Release: Early 2026

The Request for Proposals (RFP) will specify requirements for the documents to be submitted and describe the selection process. Prior to the RFP release date, interested firms may direct any questions to contact information as indicated above. Following the release of the RFP, inquiries will be referred to SJCDPW staff members who administer the selection process.