Notice of Section 401 Application Reception

File Number: 332022-04

Project Name: 1G470/0816000001 SR-74 Bridge Replacement Project

Date Posted: 3/16/2022

Received: 3/07/2022

Project City: Riverside

Project County: Riverside

Applicant Organization: California Department of Transportation (Caltrans) – District 8

Applicant Name: Adam Compton

Waterboard Staff: MZ

Brief Description of Project:

Project Description: The purpose of this project is to improve safety and mobility of traveling public by replacing the aging structure and upgrading the bridge rails at Strawberry Bridge. The Structure Replacement and Improvement Needs (STRAIN) Report, dated October 2014, also identifies several longitudinal and transverse cracks with efflorescence and minor spalls on the soffit of the arches. Due to the significant deterioration and nonstandard features, there is a need to replace the structure to meet current design, crash, and safety standards. This structure was built in 1931 and has exceeded its useful design life. Cross sectional area of the bridge is not capable to accommodate 50- and 100-year storm events.

Project Activities: The Strawberry Creek Bridge is located near Hemet at PM 53.45 along SR-74. The Strawberry Creek Bridge is a rubble masonry arch culvert structure built in 1929. The final Alternative for Strawberry Creek Bridge includes replacing the existing structure with a new bridge. No temporary bridge would be required. In addition to replacing the bridge, adding a Concrete Barrier, Crash Cushion, and retaining wall, the project proposes grading to divert the storm water from the westbound roadbed to Strawberry Creek. Grading will occur in an existing disturbed area. Areas where the proposed lane widening, shoulder widening, the placement of the upgraded guard rails and/or any other associated or required project construction encroaches on to undeveloped/undisturbed natural vegetation communities are considered permanent impacts. Temporary impacts would generally be caused by access for construction equipment and grading limits. The new structure will be expanded, and will be built over the existing historic bridge. All construction actives will be done outside of the channel and no equipment will be inside the channel/stream. Vegetation removal is expected upland of Strawberry creek. All construction work will take place outside the wet season.