

Notice of Section 401 Application Reception

File Number: 332020-27

Project Name: Legends 2 Bridge Replacement Project

Date Application Date Posted: 7/13/2020

Received: 7/8/2020

Project City: Beaumont

Project County: Riverside

Applicant Organization: Morongo Band of Mission Indians

Applicant Name: Joe Chairez

Waterboard Staff: CJB

Brief Description of Project:

Purpose/Goal: The project will replace the cart path bridge and culvert. The bridge that previously existed was washed out due to erosion from heavy rains in 2019. The stream bank slopes adjacent to the bridge location will be stabilized to prevent the same issues. The project will replace a washed out concrete cart path bridge and culvert and will stabilize eroded banks to minimize future erosion during heavy rain events with excessive runoff from surrounding properties. A new steel plate culvert pipe and concrete bridge path will be built in the same location as the washed out bridge. The crossing will be enhanced with a gabion drop structure and bank re-contouring to stabilize the crossing, slow runoff, and prevent future damage and safety concerns.

Project Activities: A steel culvert, 30 feet in length, will replace the washed out culvert. A gabion drop structure will be installed starting approximately 30 feet upstream from the culvert and will be approximately 30 feet in width. An existing 6 inch pressurized water distribution pipe, upstream of bridge, will be reinforced by placing an 18 inch gabion mattress on top of the pipe at the inlet to the gabion drop structure. A concrete cutoff wall will be poured at the exit of the steel culvert. The downstream banks will be re-contoured and stabilized. An additional gabion drop structure will be installed downstream of the bridge, extending 30 feet downstream from the culvert and at least halfway up the bank slope. The replacement cart path bridge will be 11 feet wide and 40 feet in length with a new 4 inch reinforced concrete slab over a compacted soil base. Work will be carried out when there are no flows in the ephemeral stream bed. Any area disturbed by the project that will not be stabilized with rip-rap will be covered with native seeds.