

Date:

September 11, 2008

Applicant:

California Department of Transportation

Project Name:

Palo Verde Drain Bridge Replacement

Receiving Water:

Palo Verde Drain

Location:

The Project is located on State Route 78 between PM 3.26 and 3.37, south of the community of Ripley, in Riverside County, California, in Section Nos. 19, 24, 18 and 13, Township 8 South, Range 21, San Bernardino Baseline and Meridian at 33° 28' 40.99" N Latitude by 114° 43' 36.99" W Longitude.

Project Description:

The California Department of Transportation (Caltrans), District 8 proposes to replace the existing bridge at Palo Verde Drain (Bridge No. 56-0216) on State Route 78 south of the community of Ripley. The existing bridge is in need of replacement to address scour conditions and meet current design standards. The proposed bridge will be constructed on a new reinforced concrete slab bridge on the existing roadway alignment. The new bridge elements will include an abutment on each side of the drain, support piling/columns, and bridge decking with concrete barrier railing. Rock slope protection would also be constructed at each bridge abutment to prevent future scour along with re-grading the existing drain under the bridge to match existing drain dimensions. To meet current design standards, the bridge will be widened by 20.75-feet by expanding the north and south shoulders by 12.75 feet and 8 feet, respectively. During installation of the bridge piers, Caltrans proposes to dewater the drain by constructing temporary dikes upstream and downstream of the bridge and diverting water around the bridge in drainage pipes. Dewatering activities and construction of two access roads will result in temporary impacts to 0.03 acre of wetland and 0.05 acre of riparian vegetation. The placement of bridge piers will have permanent impacts on 0.0004 acre of streambed. Re-grading of the existing drain under the bridge to match the existing drain dimensions will result in the creation of 0.005 acre of unvegetated streambed. Caltrans proposes to mitigate for project impacts by enhancing 0.1016-acre of riparian vegetation and 0.065-acre of wetland and creating 0.013-acre of wetlands.

Action:

Pending

Water Board Contact:

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