

**Date:**

August 15, 2016

**Applicant:**

California Department of Transportation  
Maintenance Department  
4050 Taylor St., San Diego, CA 92110  
Contact: Mr. Harwell Ontoy, Project Manager  
harwell.ontoy@dot.ca.gov  
(619) 688-3367

**Applicant's Representative:**

California Department of Transportation  
Environmental Dept.  
4050 Taylor St., San Diego, CA 92110  
Contact: Kim T. Smith, Senior Env. Planner  
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(619) 688-0220

**Project Name:**

California Department of Transportation (Caltrans) Emergency Bridge Scour Repair Project,  
WDID NO. 7A133146001

**Receiving Water:**

Colorado River

**Location:**

City or area: Interstate 8 and State Route 111 right-of-way, Imperial County, California.

Longitude/Latitude: Coyote W.1 -115.878/32.755, Coyote W.2 -115.850/32.760, CLAY W. -  
115.631/33.349, Alky W. -115.632/33.351

Township/Range: Coyote W.1 - T.16.S/R.10.E, Coyote W.2 - T.15.S/R.10.E, CLAY W. –  
T.9.S/R.13.E, Alky W. - T.9.S/R.13.E, San Bernardino Base Meridian

**Project Description:**

Caltrans has a project to repair the effects of significant scouring from previous El Nino storm events that have damaged four box culverts managing flood water. The goal of the work is to apply rip-rap at the out-lets to four culverts, repairing the culverts to meet current standards. If not repaired, the culverts would continue to deteriorate with up-coming rains, and would cause collapse of the culvert and the roadway above. In addition, the work would also prevent unauthorized access from the public driving recreational vehicles into and around the culverts which presents legal safety issues, and increases the potential effects to sensitive species in the area. The project features would restrict this unauthorized activity.

The repair work would include the following basic steps at each site to repair the scour that has occurred, and install protection to prevent further damage and unauthorized use by the public, and would bring the sites up to current design standards:

1. Excavate in front of, down-hill side of culvert, to a depth of approximately 5' - 7' below floor of culvert.
  2. Grade area to desired configuration, approximately 10' wide along the outlet and wing wall slopes.
  3. Lay filter fabric over graded area.
  4. Place "No.2-Backing" (approximately 4" pebbles) over filter fabric, to create a layer approximately 1 1/2" or 2" deep.
  5. Place 1/2-Ton or 1-Ton size rock on top of "No.2-Backing".
- \* Two sites currently have RSP &/or concrete filled sandbags that have been scoured away (Coyote Wash 1 and Clay Wash). At these locations the project would be replacing-in-kind. See accompanying mapping and photos.

**Proposed Schedule (Start-up, duration, and completion dates):**

The work is scheduled to be performed between October 1, 2016 to December 1 2016.

**Action:**

Pending

**Water Board Contact:**

Jay Mirpour, Water Resources Control Engineer  
(760) 776-8981  
jmirpour@waterboards.ca.gov