

Public Notice – 401 Certification Application

Date:

January 26, 2022

Applicant:

California Department of Transportation
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Duly Authorized Representative:

California Department of Transportation
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Project Name:

1G830 SB-40 Bridge Scour Mitigation Project, Located near the city of Essex, San Bernardino County, California

WDID No. 7A363038001, RM 446178, Place ID 878517

Receiving Water:

Halfway Hills Wash, Cadiz Dry Lake

Location:

City or area: 1.6 miles east of the city of Essex, San Bernardino County, California

Latitude/Longitude: 34.803177°, -115.292180°

Township, Range, Section: Township 8 North, Range 16 East, Section 9

Project Description:

The purpose of the proposed project is to preserve the structural integrity of the Halfway Hills Wash Bridge on Interstate 40 (I-40) at post mile (PM) 101.3 to prevent bridge failure. The scour occurrences are undermining the structural integrity of the bridges. If left unmitigated, the structures will continue to deteriorate and ultimately lead to bridge failure. The project scope includes plans to:

1. Replace the existing Halfway Hills Wash Bridges with new structures. Most bridge piers will be replaced in the same area as existing, there are approximately 6 bridge piers that will be moved two feet from the original placement.
2. Re-grade the streambed or re-profile the freeway to provide adequate vertical clearance between the bottom of the bridge deck and waterline of the wash.

3. Replace the rock slope protection (RSP) on the abutments with in-kind, and partially grouted. The RSP work area would extend approximately 100 feet in the upstream and downstream directions of the bridges along the abutment slope banks and between the bridges.
4. Grade Halfway Hills Wash to a depth of 2 feet below the existing ground surface, to accommodate a 100-year flood flow.
5. Remove the RSP in the channel leaving a sandy bottom wash.
6. Restore vegetation to pre-construction conditions at Project completion.

Anticipated Project Start and End Dates:

October 3, 2022 – December 31, 2022

US Army Corps of Engineers Nationwide Permit Number(s):

Los Angeles Approved Jurisdictional Delineation

Action:

Pending

Water Board Contact:

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