

Notice of Intent Application Reception

File Number: 302023-05

Project Name: State Route (SR) 57 Northbound Improvement Geotechnical Borings (0M970)

Received: 5/04/2023

Date Posted: 5/09/2023

End of 21 Day Public Comment Period: 5/30/2023

Project City: Orange

Project County: Orange

Applicant Organization: CA Dept. of Transportation

Applicant Name: Farid Nowshiravan

Waterboard Staff: TBA

Brief Description of Project:

Project Description: Geotechnical investigation work will be conducted to obtain key information needed to further design the proposed widening of the existing State Route 57 (SR-57) Bridge that extends over the Santa Ana River (SAR) as part of the proposed SR-57 Northbound Improvements Project between Orangewood Avenue and Katella Avenue (EA 12-0M9700).

Project Activities: The applicant proposes the drilling of up to 6 soil borings and 6 Cone Penetration Test (CPT) to a maximum depth of approximately 80 feet below existing grade within the Lower Santa Ana River Mainstem portion of the SAR. None of the borings will be drilled on Orange County Flood Control District (OCFCD) access road. Moreover, these 6 boring locations in the SAR will coincide with future impact areas associated with the widening of the SR-57 Bridge as part of the larger SR-57 Northbound Improvements Project. Boring locations would occur within jurisdictional waters of the U.S. and waters of the State. Borings will be drilled using truck and/or track mounted hollow stem auger and/or rotary wash drill rigs. Borings will include sampling every 5 feet to collect blowcount data and soil samples for laboratory analysis. The borings will result in a total excavation of approximately 12 cubic yards of soil. All impacts associated with the proposed geotechnical fieldwork will be temporary. Once the samples at each boring location have been removed, all drilling equipment will be removed, and the borehole will be backfilled with the excavated material to return the riverbed back to its original elevation. Likewise, all associated vehicle tracks or ruts in the riverbed will be smoothed out to restore the ground surface of the riverbed back to prework conditions. Drill rigs will be staged at the drilling locations only during working hours. The equipment will be demobilized off the site upon completion of daily work and

stored at the OCFCD maintenance yard located adjacent the south bank of the SAR. Access to the maintenance yard will be via the OCFCD maintenance road via Oranewood Avenue. Should work occur during the rainy season (October 15 through June 1), contractor will monitor weather forecasts and ensure all work is completed during a clear weather forecast.