

## **Notice of Intent Application Reception**

**File Number:** 302024-21

**Project Name:** Yorba Linda Boulevard Widening – Geotechnical Investigation

**Received:** 12/24/2024

**Date Posted:** 12/27/2024

**End of 21 Day Public Comment Period:** 01/17/2024

**Project City:** Yorba Linda

**Project County:** Orange

**Applicant Organization:** City of Yorba Linda

**Applicant Name:** Rick Yee

**Waterboard Staff:** TBA

### **Brief Description of Project:**

**Project Description:** The purpose of the geotechnical investigation and utility pothole fieldwork is to obtain key information needed to further design the proposed widening of the existing bridge that extends over the Santa Ana River. The geotechnical investigation would evaluate subsurface soil and groundwater conditions and collect soil samples for design of foundation for the bridge widening.

**Project Activities:** The geotechnical investigation fieldwork consists of 1 geotechnical boring and 1 utility pothole. The proposed geotechnical boring is located in the Santa Ana River, near the existing Pier 4. The boring will be 8 inches in diameter and will be drilled, logged and sampled to depths of 70 to 80 feet or auger refusal, whichever is shallower. During drilling, bulk and relatively undisturbed soil samples will be obtained from the borings at selected depths (typically every 5 feet). The relatively undisturbed samples will be obtained utilizing a 2.4-inch inside diameter (ID) modified California Ring sampler. All impacts associated with the proposed geotechnical boring and utility pothole work 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 in order 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.