

**Trabuco Creek Channel (L02)**  
**Levee Protection Project, Phase VII**  
**U/S of L01 & L02 Confluence to D/S of Del Obispo Bridge**  
**(STA. 17+25 to 44+45)**

**Brief Project Description**

The Project is located in the City of San Juan Capistrano, Orange County, California. The project covers the area of Trabuco Creek upstream of the confluence of San Juan Creek (Facility No. L01) and Trabuco Creek (Facility No. L02) Channels with its terminus downstream of Del Obispo Street (Approximately from Sta. 17+25 to Sta. 44+45).

The work to be done consists, in general, of: applying corrosion resistant coating to steel sheet piles (SSP); driving coated SSPs (54- and 35-foot sections) behind existing unreinforced concrete liner flush to the multi-use trail; construction of a portland cement reinforced concrete pile cap; construction of a reinforced masonry block flood wall with modified guard cable fence; removal and replacement of effluent water line along the west/left bank (all work dependant on final water line inspection); replacement of multi-use trail paved and non-paved areas; and furnishing all labor, tools, equipment, materials and incidental necessary for accomplishing all Project work. Note that special installation techniques for the SSP are required along both banks. The west/left bank SSP installation shall be accomplished via a static penetration method (aka press-in method). Installation of the SSP along the east/right bank shall be accomplished via a low-noise vibration or press-in driving methods determined by the winning contractor. Continuous pre-augering will be required along the alignment of the SSP.