

Trabuco Creek Levee Protection



Z Sheet Pile Press-in Method

Hard Ground Press-in Method



Under Construction



Under Construction



After Completion

Project Name	Trabuco Creek Channel Levee Protection Phase 7
Purpose of Project	Levee Protection
Location	UNITED STATES
Employer	County of Orange Public Works Department
Main Contractor	J.F. Shea Construction, Inc.
Piling Contractor	Blue Iron, Inc.
Duration	September 2013 to October 2014
Press-in Machinery	Silent Piler GV-ECO1400S
Pile Section & Length	AZ25 & AZ19, L=35' & 54', N=1,316pairs
Features & Remarks	The Press-in Method was specified by the Orange County Public Works Department in California to install a sheet pile wall in order to effectively minimize the chance of levee breaches due to flooding and erosion. Due to the hard ground conditions along the channel, the Crush Auger System was required to install the sheets within limited space.

