

The Role of Vibro-Stone Column for Enhancing the Soft Soil Properties

Authors : Mohsen Ramezan Shirazi, Orod Zarrin, Komeil Valipourian

Abstract : This study investigated the behavior of improved soft soils through the vibro replacement technique by considering their settlements and consolidation rates and the applicability of this technique in various types of soils and settlement and bearing capacity calculations.

Keywords : bearing capacity, expansive clay, stone columns, vibro techniques

Conference Title : ICCIUE 2015 : International Conference on Civil, Infrastructure and Urban Engineering

Conference Location : Berlin, Germany

Conference Dates : May 21-22, 2015