

Subsurface Constructors

Ground Improvement

Pennsylvania State Police Headquarters



Subsurface Constructors installed 383 [vibro stone columns](#) for the Pennsylvania State Police Headquarters in Philadelphia, Pennsylvania. The site consisted of sand and silt with an average depth range of 20 to 40 feet, sandy soil with an average depth range of 4 to 6 feet and fill material with an average depth range of 2 to 8 feet. Upon project completion, the site could support a maximum bearing pressure of 5,000 pounds per square foot.

Project details:

Owner: Commonwealth of Pennsylvania

Geotechnical Engineer: NTH Consultants

General Contractor: Smith Construction

Services Provided: Ground improvement, stone columns

Year: 2014

Location: Philadelphia, Pennsylvania