



SUBSURFACE CONSTRUCTORS, INC.

A Geotechnical Engineering and Construction Company

Vibro Stone Columns



West Memphis High School Auditorium, Vibro Stone Columns

PROJECT DESCRIPTION

The geotechnical report by Hall, Blake Associates for the West Memphis H.S. New Auditorium indicated the presence of soft to marginal soils, including roughly eight feet of plastic clay in the upper portion of the building borings. With excessive settlements and low soil strength a primary concern, Hall Blake recommended an intermediate foundation system, consisting of aggregate piers, to increase allowable bearing capacity and minimize foundation settlement. Subsurface Constructors, Inc. demonstrated that they could not only design and construct such a system for a required 6,000 psf bearing pressure, but they could do so more cost effectively than the competition.

PROJECT TEAM

Owner:	West Memphis, AR High School	Geotechnical Engineer:	Hall, Blake Associates
Structural Engineer:	Chad Stewart and Associates, Inc.	General Contractor:	Frank A. Rogers & Company, Inc.
Ground Improvement Design/Builder:	Subsurface Constructors, Inc.		