

Project Location:

Tampa, Florida

Main Contractor:

PCL

Client:

Tampa Hillsborough County
Expressway Authority

Project period

May 2003 - Sep 2003

Method Applied:

2,266 Dry Bottom Feed (Vibro
Displacement) Stone Columns
to a maximum depth of 43 ft
(13 m),

Column diameters between
36 inch (0.91 m) and 42 inch
(1.07 m)

Technical Requirements:

Increase shear strength of soft clayey and silty soils before a new road embankment is built. Provide accelerated drainage in the stone column treated soil to prevent buildup of too high excess pore pressures during fill of embankment.



Skip Bucket Rig on Liebherr 843 crane

Quality Control Testing:

Electronic Cone Penetration Tests (CPTs) and control of installed gravel volumes over depth of columns.

Betterground GmbH

Hassenham 8
D-84419 Schwindegg
Germany
Tel: +49-8082-2713135
Tel: +49-89-76776194-0
Fax: +49-89-76776194-20

Email: info@betterground.com
Web: www.betterground.com