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## GROUND IMPROVEMENT COMPLETE ON CHANCERY OF MOROCCO!

Purcellville, VA, September 2, 2016– GeoStructures is pleased to announce the completion of the ground improvement work for the Chancery of Morocco in Washington, DC.

The project challenges included: steep slopes, tight site, foundation on 3 benches, and varying fill depths. GeoStructures worked closely with Forrester Construction, Advance Structural Concepts and Schnabel Engineering to value engineer the foundation system from drilled shafts and grade beams to Geopier® elements and footings. The use of Geopier elements got the project within budget and shortened the schedule for foundation construction.

The new 50,000 sf embassy will feature office spaces, an ambassador’s quarters, a multi-purpose hall to connect public areas, and an underground parking garage. The four-story embassy is a cast-in-place concrete structure and will include a Moroccan inspired exterior stone façade and a stone entry and driveway. The interior spaces will be finished with imported Moroccan millwork and trim.

### **Project Team**

Owner: Kingdom of Morocco  
General Contractor: Forrester Construction – Rockville, MD  
Architect: Morrison Architects – Washington, DC  
Structural Engineer: Advance Structural Concepts – Fairfax, VA  
Geotechnical Engineer: Schnabel Engineering, Inc. – Washington, DC

### **About GeoStructures**

Established in 1995, GeoStructures consists of geotechnical and structural engineers who provide marketing and design services in support of its sister company, GeoConstructors, which delivers design/build construction services for: ground improvement using Geopier technology, Rapid Impact Compaction, Ductile Iron Piles, specialized Sound Walls and Retaining Walls, and Slope Stability solutions. These technologies solve customers’ challenges for controlling settlement of buildings, tanks and MSE Wall foundations, liquefaction mitigation, landslide corrections for shallow and deep seated slope failures, and grade separation options using Retaining Walls and Steepened Slopes.