



Ground Improvement and Specialty Piling Contractors

Project Summary

NBCUniversal Area 71
Universal City, California

The Premier Design-Build Geotechnical Contractor™

Deep Soil Mixing



Project Description:

Construction of four sound stages and two production buildings at NBCUniversal Studios. AGI installed discrete and overlapping panels of DSM columns of 4-, 6- and 8-foot diameter to more than 60 feet deep. Column tip elevations were determined by drilling resistance to verify bedrock embedment ensuring adequate bearing capacity. A DSM buttress was installed with limited access between a roadway and slope.

Application:

- ❖ Provide improved bearing capacity
- ❖ Mitigate liquefaction Settlement
- ❖ Construct lateral spread buttress

Geotechnical Conditions:

- ❖ Artificial fill and obstructions
- ❖ Silty sands, gravels and Topanga Formation bedrock embedment
- ❖ Loose, liquefiable silty sands
- ❖ Free face lateral spread to LA river

Design-Build Contractor:

Advanced Geosolutions Inc (AGI).

Owner: NBC Universal

General Contractor: Snyder Langston

Geotechnical Engineer:

Shannon & Wilson, Inc.