



Ground Improvement and Specialty Piling Contractors

Project Summary

Tractor Supply
Kelso, Washington

The Premier Design-Build Geotechnical Contractor™

Vibro-Stone Columns



Stone Column Crane and Vibro Probe Installing Ground Improvement Elements

Project Description:

The project site was deemed a hotspot for liquefaction and ridden with soft organic soil with high levels of compressibility, making it particularly difficult to build on. Vibro Stone Columns were proposed by AGI, and deemed the most appropriate ground improvement method for the project in lieu of other more expensive ground improvement solutions. The technology selected successfully targeted the densifiable soils while mitigating settlement issues.



Loader Replenishing Stone Supply

Application:

- ❖ Mitigate liquefaction settlement
- ❖ Limit static settlement
- ❖ Reduce Differential Settlement

Geotechnical Conditions:

- ❖ Undocumented fill
- ❖ Gray silty sands with gravel

Design-Build Contractor:

Advanced Geosolutions Inc (AGI)

Owner: Tractor Supply

General Contractor:

Stout Building Contractor

Geotechnical Engineer:

Krazan & Associates