



Ground Improvement and Specialty Piling Contractors

Project Summary

El Centro Medical Office Building
El Centro, California

The Premier Design-Build Geotechnical Contractor™

Cement Deep Soil Mixing (CDSM)



CDSM Installation Operation in Progress

Project Description:

State of the art multi story medical facility structure. AGI designed and constructed close to 200 CDSM columns to support the structural integrity of the building's shallow concrete pad foundations while mitigating liquefaction potential.

Application:

- ❖ Provide improved bearing capacity
- ❖ Mitigate liquefaction settlement
- ❖ Limit static settlement

Geotechnical Conditions:

- ❖ Unconsolidated soil deposits
- ❖ Gravelly sand fill to 5'
- ❖ Layered clays and sandy silts to 35'

Design-Build Contractor:

Advanced Geosolutions Inc. (AGI)

Developer (Tenant):

PMB El Centro LLC

General Contractor:

Pacific Building Group

Geotechnical Engineer:

Geotechnical Professionals Inc. (GPI)