

PROJECT: **HAUL ROAD – HWY 509 OVERPASS
NEW MEXICO**

DESIGN TEAM: **BOHANNAN HUSTON, INC**
DESIGN ENGINEERS
VINYARD & ASSOCIATES, INC.
GEOTECHNICAL ENGINEER

CONTRACTOR: **KGL ASSOCIATES, INC.**



CONSTRUCTION NOTES

Total Rammed Aggregate Pier® elements Installed: 430

Actual Days on Site: 14

SOIL PROFILE SUMMARY:

The site for the Overpass consisted of a 12' thick layer of clay. Rammed Aggregate Pier elements were designed to fully penetrate the clay layer and provide 4000-6000 psf bearing for support of the MSE walls on each side of the embankment and 6000 psf bearing pressure for the concrete strip footings supporting the steel arch structure. The elements also controlled settlement of the roadway at the transition from the embankment fill to the steel arch structure.