



PROJECT BRIEF

University of Rhode Island Geocomp Lab Systems

PROJECT PROFILE

CLIENT:
University of Rhode Island

LOCATION:
Rhode Island

VALUE:

- Instructed students on how to perform advanced triaxial and cyclic triaxial tests

PRODUCTS PROVIDED:

- Fully automated stress path triaxial apparatus



PRODUCTS

The University purchased Geocomp's fully automated stress-path triaxial apparatus and is using the equipment to perform K_0 consolidated undrained triaxial tests on undisturbed samples of inorganic and organic silts. Geocomp's equipment enables the university to perform sophisticated triaxial tests that are virtually impossible with traditional testing equipment; the university is now able to perform a K_0 consolidated, axial extension test. The Geocomp equipment and software is user-friendly, which enables graduate students to easily learn how to run a test, giving the university more time to interpret the results. Geocomp provided service and training and have been readily available to answer questions and provide suggestions on improving procedures.



BACKGROUND

Students at the University of Rhode Island needed to be able to perform advanced triaxial tests and cyclic triaxial tests for various research projects and classroom laboratory exercises.