

# The University of Rhode Island Geocomp Lab Systems Equipment

## Client:

The University of  
Rhode Island

## Location:

Rhode Island

## Service Provided:

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

## Products Provided:

- Fully-automated stress-path triaxial apparatus

## Background & Project Challenges

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.



## Geocomp Role & Accomplishments

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.