Project Title: C-05-03: Deformation of Cohesionless Fill Due to Cyclic PIN: R020-67-881
Responsible Unit: Engineering Division, Office of Structures
Project Manager: Sabbag, Bill

Project Goal:
NYSDOT’s use of this type of bridge abutments, constructed with cohesionless fill, is based on a technical memorandum. This study will provide an analysis of the performance of bridge abutments constructed with cohesionless fill, and a manual that NYSDOT can use to guide use of bridge abutments constructed with cohesionless fill.

Actions Proposed:
The researcher will conduct a literature search; analyze data on performance of bridge abutments previously gathered for New Jersey DOT; prepare a User Manual on use of Bridge Abutments Constructed with Cohesionless Fill tailored to New York State operations.

Anticipated Work Products and Accomplishments:
User Manual on use of Bridge Abutments Constructed with Cohesionless Fill

Proposed Budget: $26,250