

## Retaining Wall Structure Assesment / Replacement East Orange, NJ

### Project Summary

The East Orange Board of Education replaced two (2) structurally deficient retaining walls at the East Orange Campus High School. Grant Engineering provided the structural assesment and repair recommendation. We prepared a construction estimate based on two (2) wall replacement options, (i) reinforced CMU, and (ii) segmental retaining wall. We recommended a design-build project delivery method to expedite the project schedule so that the wall replacement could be completed before the start of the upcoming school year.

### Project Info.

**Location:** East Orange, NJ  
**Cost:** \$183,650  
**Started:** March 2015  
**Completed:** August 2015

### Services Provided

- > **Planning:**  
Structural Evaluation and Preparation of Scope of Work
- > **Construction Management:**  
Contract Administration (payment processing) and Construction Inspection

### Market Sector

 **Government**



**PLANNING**  
Infrastructure Assessment  
Capital Improvement  
Land Use Master Plans



**ENGINEERING**  
Site Civil Engineering  
Structural Engineering



**SURVEYING**  
Boundary Surveys  
Topographic Surveys  
Construction Stakeout  
Infrastructure Mapping



**CONSTRUCTION**  
Construction Management  
Program Management  
Construction Inspection  
Contract Administration