Project Manager: Brian Fish
Engineer: O’Brien & Gere Engineers, Inc.
Location: Campus Road & Plantations Road

Project Description:
The Contract Colleges Electrical Substation Upgrades project will replace the medium voltage equipment located at the Campus Road and Plantations Road Substations. The equipment at these locations is aging, obsolete, and physically worn out. As a result of the condition of equipment and/or housing structures, failures have occurred and are increasing in frequency along with associated maintenance costs.

This project will evaluate and report on the feasibility of combining these facilities at a single location. This Conceptual Design Phase will focus primarily on the site selection and development of the basis of design. Additionally, this effort will increase the power delivery capability from the Maple Avenue Substation to the Contract Colleges, and improve the interconnection between Kite Hill and the Contract Colleges. Implementation of the proposed increased power delivery and interconnection will allow the campus to continue to operate critical facilities in the event of a failure in one of the two overhead circuits serving the campus.

Project Status:
Pre-Schematic Design Phase will conclude in late January. The Consultant has made significant progress on defining electrical topology, validation of design concepts and budget alignment. Upon review and approval of this submission, authorization to proceed with Schematic Design will be issued in early February.

Approvals to Date:  
Endowed and Contract Colleges Utility Power System Upgrade
Project Plan: Feb 09  Apr 09
Authorize Design: Nov 09  Nov 09
Site Selection Approval: Jan 11  Mar 11
Consultant Re-Selection: May 12  Jun 12

Project Milestones:
Design Phase Start: Nov 13
Design Phase Completion: Jan 14
Scheduled Construction Start: Jun 14
Scheduled Completion: Aug 15