Project Title: C-06-08 : Develop Guidelines for Traffic Signal Energy Back-Up Systems

PIN: R020.91.881

Responsible Unit: Operations Division, Office of Traffic Safety and Mobility

Project Manager: Ramos, Guillermo

Project Goal:
Traffic signals go dark during power outages. Generators are a logistical nightmare and battery back up is problematic and expensive. The need is to develop guidelines for selecting the type and locations for back-up systems to insure cost effectiveness. Alternatively, the need is to improve upon the existing options or develop a new one w/o the shortcomings of the other types.

Actions Proposed:
1. Determine cost effective guidelines/strategies to implement BBS and generators on the NYS highway system.
2. Determine improvements to existing technologies or suggest new technologies that would improve the cost effectiveness of a system.

Anticipated Work Products and Accomplishments:
Document with method and application for signals on the NYS system.

Proposed Budget: $115,287