



Aston Township

LED Street Lighting Conversion



The Problem

The Township needed a significant increase in the performance of the street lighting in a particular area of their community. Light levels were low and the township had been receiving complaints that the older “yellow” street lights were not bright enough..



The Solution

- 100w HPS Street Lights replaced with 52w LED Cobrahead fixtures.
- Improved lighting quality by increasing Color Temperature (CCT) of lighting from 2200K to 5500K.
- Reduced Light Trespass by utilizing appropriate light distribution patterns.
- Significantly increased light levels on roadway.



The Results

- **Energy Reduction:** 55% Reduction over existing lighting energy consumption.
- **KWH Reduction:** 15,177 Kwh Reduction
- **Total Fixtures Replaced:** 55



Before & After Pictures



View The Results

Below is a series of pictures of the Aston Township PA LED Street Light conversion where you can see the visual impact in the photos. Stouch Lighting helped to increase visibility for Aston Township while reducing their energy costs.



After



Location

Aston, PA

Savings

55% Energy Reduction

Fixtures Replaced

55 Fixtures