



# M&T Bank

## Parking Garage - LED Conversion



### The Problem

M&T Bank was looking for a solution to reduce the energy consumption associated with the existing lighting in their parking garage. Operating 24 hours a day, the customer also wanted to improve the quality of the lighting in the facility for their customers that were utilizing the garage during off hours.



### The Solution

- Replace existing 150w High Pressure Sodium Canopy fixtures with new 66w LED Canopy Fixtures
- Replace existing 400w Metal Halide Flood light fixtures on roof deck with new 137w LED Flood light fixtures
- Replace existing 100w High Pressure Sodium Wall Pack fixtures with new 20w LED Wall Pack fixtures
- Replace existing 250w Higher Pressure Sodium Wall Pack fixtures with new 120w LED Wall Pack Fixtures
- Repace existing 40w T12 Linear Fluorescent lamps with 18w LED Linear Lamps



### The Results

- Kwh Reduction - 299,598
- Lighting Energy Reduction Percentage - 61%
- Annual Maintenance Cost Reduction - \$22,691
- Rebate Eligibility - \$62,675
- Greenhouse Gas Reduction - 846,554 lbs
- Total Fixtures Replaced - 385
- Projected ROI - 10 Months



# Before & After Pictures



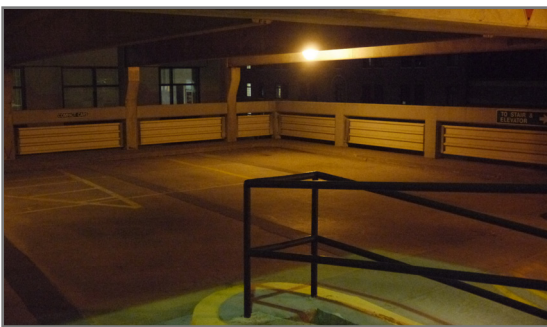
## View The Results

Below is a series of pictures of the Parking Garage LED Conversion where you can see the visual impact of the before and after images of the LED conversion. Stouch Lighting helped to increase visibility for M&T Bank while reducing their energy costs.

### Before



### After



#### Location

Wilmington, DE

#### Savings

61% Energy Reduction

#### Fixtures Replaced

385 Fixtures