



THE CITY OF SOUTH AMBOY

South Amboy, New Jersey



Owner

The City of South Amboy

Contract Type

Smart Cities

Electrical Contractor

Facility Solutions Group

Engineering Firm

Verizon

Fixtures Replaced

144

Annual kWh Reduction

61,780

LIGHTING CASE STUDY

South Amboy Implements Intelligent Lighting & Video

Challenge

South Amboy is a suburban NJ city located on Raritan Bay. The State of NJ has designated the city a Transit Village. NJ Transit Villages have demonstrated a commitment to revitalizing and redeveloping the area around their transit facilities. When the city decided they wanted to update the lighting and add intelligent video, they turned to the FSG/Verizon team for solutions. The fact that lighting and materials were available on the Keystone Purchasing Network Cooperative Purchasing Agreement insured timelines would be met with the best possible pricing.

Solution

103 decorative post-top light fixtures on 72 poles were changed to new decorative LED post-top fixtures, decreasing energy consumption by 70%. Verizon Light Sense lighting nodes allow remote operation of the lights, individually or by group. That means lights are on when and where they're needed, helping to both decrease energy costs and address any safety concerns. Along the waterfront, six new decorative poles with LED post-top fixtures were added to improve light levels. 35 existing HID bollard fixtures were removed, refinished, and converted to LED technology. Lastly, 35 video cameras were added throughout the shopping area, train station and along the waterfront.

Result

"Our designation as a Transit Village has allowed us to sustain steady long term growth," South Amboy Mayor Fred Henry said in a statement. According to the City's website, the project was fully funded by a NJ Grant and will result in increased safety and dramatically reduce energy costs.

