

# CITY OF BETHLEHEM, PA

CONNECTED STREET LIGHTING SOLUTIONS PROJECT



## PROJECT SNAPSHOT

The City of Bethlehem worked with TEN to replace 5000+ of the City's existing High Pressure Sodium streetlight fixtures with significantly more efficient LED fixtures.

TEN acted as project manager, designer, and primary point of contact between the City and the project contractor and fixture manufacturer.

LED fixtures were chosen through a highly competitive bid process.

*“Beyond saving the city money via reduced energy and maintenance costs, TEN’s conversion of our antiquated street lighting system to LED technology and wireless controls enhances public safety, improves service, and adds aesthetic value to the City’s streetscapes. TEN also committed to providing the technology we wanted, all within excellent financial terms.”*

— Michael Alkhal, P.E.  
Director/City Engineer,  
City of Bethlehem, PA

## PROJECT RESULTS

**\$3.8 Million**  
Project cost

**\$471,000**  
Annual cost savings

**\$224,000**  
Rebates applied for  
and secured

Annual savings of:

**2,040,000 kWh**  
Electricity

**1,441 Tons**  
CO<sub>2</sub> Reductions

For more information on street lighting projects and Smart Cities technologies  
please go to [tenconnected.com](http://tenconnected.com)

TEN Headquarters  
1501 Reedsdale St, Ste 401  
Pittsburgh PA 15233

TEN DC/Baltimore  
9025 Maier Rd, Ste B  
Laurel MD 20723

TEN Philadelphia  
40 West Evergreen Ave  
Philadelphia PA 19118

TEN New England  
51 Melcher Street  
Boston MA 02210

855.429.1010 | [tenconnected.com](http://tenconnected.com) | [info@tenconnected.com](mailto:info@tenconnected.com)