



Project Name: City of Philadelphia Transportation Engineering Design Services / Lincoln Drive Resurfacing and Restoration – Traffic Signal Design
Owner/Client: City of Philadelphia Department of Streets
Type of Project: Traffic Signal Design
Location: Philadelphia, PA
Completion Date: 2016
Contract Value: \$35,000

Project Description

This work is part of the city-wide traffic engineering design services to assist with highway projects, including the preliminary and final design of traffic signals, streets and roads, traffic calming measures, school zone safety improvements, street re-paving packages, ADA ramps, Intelligent Transportation Systems (ITS), traffic studies, design of line stripping, traffic control signage and trails.

This particular work order is to restore and resurface Lincoln Drive from Ridge Avenue to Wayne Avenue and along Wissahickon Avenue from Lincoln Drive to Rittenhouse Street. Part and parcel to the resurfacing is the redesign of six traffic signals.

KMJ's Approach

KMJ is responsible for preparing final traffic signal permit plans for six intersections along Lincoln Drive, including: Rittenhouse Street, Wissahickon Avenue, Johnson Street, Clivedon Street, Wayne Avenue and the intersection of Rittenhouse Street and Wissahickon Avenue. KMJ conducted field observations at each intersection and along Lincoln Drive to verify existing survey. The traffic signal permit plans detail the replacement of all traffic signal equipment, including mast arms, posts, signal heads, pedestrian signal heads, wiring/conduit, and controller cabinet locations. Several design efforts with multiple responsible parties were included in this work order, along with KMJ, Michael Baker and the City of Philadelphia. Success of this project is based upon the integrated approach to design within the constraints of the budget.



Client Contact/Reference

Vadim Fleysh
Chief Design Engineer
1401 JFK Blvd., Room 830
Philadelphia, PA 19102
215-686-5574
Vadim.fleysh@phila.gov

Kenneth Corti
Michael Baker International
201 Gibraltar Roads, Suite 120
Horsham, PA 19044
215-442-5354
kcorti@mbakerintl.com