



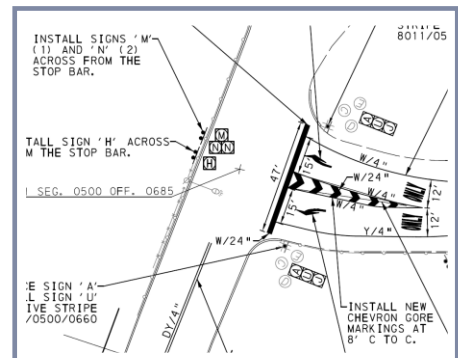
**Project Name:** PennDOT D6 E04239 HSIP 2019  
**Owner/Client:** PennDOT District 6  
**Type of Project:** Traffic Engineering / Stakeholder Engagement  
**Location:** Bucks, Chester, Delaware, Montgomery, Philadelphia Counties  
**Completion Date:** 2022  
**Contract Value:** \$153,000

## Project Description

PennDOT District 6-0 pursues innovative low-cost safety approaches to improve high crash locations and corridors within the district. PennDOT has initiated low cost safety improvements to reduce the number of fatalities on Pennsylvania roadways. Types of low-cost safety countermeasures include, improved signage, pavement markings, traffic signal design and pedestrian signal installation.

## KMJ's Approach

**Chichester Avenue** – The Chichester Avenue corridor between the I-95 ramps and Bethel Road in Delaware County has been identified for safety improvements as part of this project. KMJ will develop a Synchro model of the corridor (two signalized intersections and two unsignalized intersections at the I-95 ramps) to analyze existing conditions and evaluate potential improvements. KMJ will also complete signal improvement plans at two existing signalized intersections. In addition, KMJ will coordinate with PennDOT, Delaware County and Upper Chichester Township about the potential to construct roundabouts at the I-95 ramps with Chichester Avenue. KMJ will coordinate at least two (2) public meetings to present the design alternatives to residents and the Upper Chichester Township Board of Commissioners.



**Intersection Safety Implementation Plan (ISIP) and Roadway Departure Implementation Plan (RDIP)** - KMJ will prepare construction plans for both intersections and corridors, signal permit plans and signal system plans in all five District 6 counties. In addition, KMJ will conduct data collection, Highway Safety Manual analysis, Synchro analysis, and traffic signal warrant analysis as part of various assignments. **KMJ completed Highway Safety Manual (HSM) analysis for five (5) corridors in the City of Philadelphia.**

## Client Contact/Reference

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