## Project Title:
Identifying Impediments and Solutions to Sidewalk Project Implementation in Pennsylvania

### PennDOT Technical Advisor:
Chris Metka

### Project Duration:

### Project Purposes:

Project purposes are to:

The purpose of this project is to evaluate the implementation of sidewalks through various federal funding programs administered by PennDOT. This evaluation will identify specific problems through an audit of past and current projects in the Safe Routes to School, Transportation Enhancements and Pennsylvania Community Transportation Initiative programs. Projects selected will include those that planned sidewalk installations but were not successful or were significantly delayed in the implementation phase of the project. Once implementation issues are established, the university will identify if and how other states have avoided or mitigated implementation issues. Additionally, SRTS, TE, and PCTI projects successfully implemented in Pennsylvania will be evaluated for best practices. Recommendations to address identified implementation issues will assist PennDOT and project sponsors with implementation of Transportation Alternative Program sidewalk projects.

### Anticipated Outcomes:

Anticipated project outcomes include:

- Identification of best practices for, and impediments to, the delivery of federally-funded, locally sponsored, sidewalk projects
- Insight on how state and local laws on installation and maintenance of sidewalks may affect project delivery
- Insight on how the PennDOT project planning and programming process could be improved to better identify small projects that can be delivered on time and on budget
- Improvements to the PennDOT TAP application process that will
  - Improve local project selection
  - Speed project delivery
  - More effectively and efficiently allocate limited bicycle and pedestrian funds

### Implementation Plan:

- After reviewing research recommendations, consider changes to PennDOT’s TAP Program Guidance and project selection procedures.
  - Update guidance to advise potential sponsors of known factors that affect project selection and delivery
  - Adjust selection procedures to better screen projects, if necessary
- Should revisions be recommended, consider reviews to PennDOT Pub 740 – Local Project Delivery Manual.
- Consider and necessary reviews to PennDOT’s project development, programming and funding processes should screen local bicycle/pedestrian projects for deliverability.

### Research Partner:
University of Pittsburgh

### Principal Investigator:
Dr. Mark Magalotti

### Project Cost:
$157,111.00