

September 8, 2023

**Re: Township of Lawrence, Mercer County
Princeton Pike Traffic Flow Mitigation Improvements
Scope of Work
Our File #1107-T-012**

1. Intent

A traffic study was prepared by Langan Engineering and Environmental Services to determine the existing Level of Service (LOS) at the intersections of Princeton Pike and Fackler Road, and Princeton Pike and Province Line Road. The LOS at Fackler Road and Province Line Road are F and E, respectively. This traffic study included alternative designs for each intersection that would help to improve the LOS, which our office used to design the proposed improvements.

The intent of this project is to provide traffic control and capacity improvements for the intersections of Princeton Pike and Fackler Road, and Princeton Pike and Province Line Road, while also mitigating the amount of impervious surface area added to the intersections. The proposed project would improve the LOS at Fackler Road and Province Line Road to B and D, respectively.

2. Proposed Improvements

The proposed improvements include, but are not necessarily limited to the following major work items:

Intersection of Fackler Road & Princeton Pike:

1. Widening of Fackler Road & Princeton Pike for an additional left turn lane.
2. Installation of a new traffic signal.
3. Installation of a 5-foot wide porous pavement bike path.
4. Installation of pavement striping, where indicated.

Intersection of Province Line Road & Princeton Pike

1. Widening of Fackler Road & Princeton Pike for an additional through & turn lane.
2. Removal of existing traffic signal & installation of a new traffic signal.
3. Removal & replacement of 9"x18" Concrete Vertical Curb.
4. Installation of ADA Curb Ramps, where indicated.
5. Installation of Concrete Sidewalk, 4" Thick, where indicated.
6. Installation of pavement striping, where indicated.

3. Project Cost

The estimated construction cost for the above reference improvements is \$1,300,000.00. The project will be funded through grant dollars from the Congestion Mitigation and Air Quality (QMAC) grant and Township Capital Budget.