

**Bethlehem Pike HSIP Improvements  
SR 2018 Section SIP  
Springfield Township, Montgomery County, PA  
MPMS # 114944**

**February 10, 2022**

PROJECT DESCRIPTION

This project involves safety improvements at intersections along the Bethlehem Pike (SR 2018) corridor in Springfield Township, Montgomery County, Pennsylvania. These safety improvements include converting partial limits of Bethlehem Pike from an undivided four-lane section to a three-lane section including a two-way left turn lane, modifying left turn signal phasing, coordinating arterial signals, adding pedestrian countdown timers, and adding retroreflective backplates to improve signal visibility.

The proposed improvements include the following:

**1. Bethlehem Pike & Flourtown Shopping Center Driveway**

- a. Restriping Bethlehem Pike to provide a three-lane section including separate left turn lanes.
- b. Installation of retroreflective backplates on existing signal heads
- c. No relocation of existing controller cabinet

**2. Bethlehem Pike & Mill Road**

- a. Restriping Bethlehem Pike to provide a three-lane section including separate left turn lanes and a separate northbound right turn lane.
- b. Installation of a Flashing Yellow Arrow (FYA) signal for SB Bethlehem Pike (removal of the existing signal).
- c. Upgrades to the controller equipment to accommodate the FYA (existing controller cabinet to remain in place).
- d. Installation of retroreflective backplates on the existing signal.

**3. Bethlehem Pike & College Ave – Bysher Ave**

- a. Restriping Bethlehem Pike to provide a three-lane section including separate left turn lanes.
- b. Installation of retroreflective backplates on the existing signal
- c. New mast arm and new ground mounted controller on southeast corner of College Ave.

**4. Bethlehem Pike & Wissahickon Ave**

- a. Restriping Bethlehem Pike to provide a three-lane section including separate left turn lanes and a separate southbound right turn lane.
- b. Installation of a FYA signal for NB Bethlehem Pike (removal of the existing 5-section dog-house signal).
- c. Upgrades to the controller equipment to accommodate the FYA (existing controller cabinet to remain in place).
- d. Installation of retroreflective backplates on the existing signal heads.

**5. Bethlehem Pike & Haws Lane**

- a. Restriping Bethlehem Pike to provide a three-lane section including separate left turn lanes.
- b. Installation of a FYA signal for SB Bethlehem Pike (removal of the existing 5-section dog-house signal).
- c. Upgrades to the controller equipment to accommodate the FYA (existing controller cabinet will remain in place).
- d. Installation of retroreflective backplates on existing signal heads.

**6. Bethlehem Pike & Montgomery Ave**

- a. Restriping Bethlehem Pike to provide a three-lane section including separate left turn lanes.
- b. Installation of a FYA signal for SB Bethlehem Pike.
- c. All new signal equipment including new mast arms, new signal heads, and new ground mounted controller cabinet on the northeast corner.

**7. Bethlehem Pike from W. Valley Green Rd to Stenton Ave**

- a. Mill and overlay pavement

The entire project will take place within existing Right-of-way and within existing previously disturbed roadway/sidewalk areas and temporary construction easements will not be required for this project.

The funding for this project includes federal funds only.