

SR 0209 (US 209)/SR 2023 (Hollow Road) Intersection Improvement Project

Middle Smithfield Township, Monroe County, PA

PROJECT DESCRIPTION

The SR 0209, Section 03S project, located in Middle Smithfield Township, Monroe County, Pennsylvania, involves the relocation of the SR 0209 (US 209)/SR 2023 (Hollow Road) intersection and provide a left turn lane on southbound SR 0209 to access relocated SR 2023. Work also includes access control to SR 0209 for the property on the east side, eliminate the T-542 (Holy Cross Road) intersection with SR 0209 and improve the SR 2023/T-542 intersection. Drainage improvements will be provided along SR 0209 within the project limits.

SR 0209 is a bituminous, urban, two-way, two lane highway running in the north-south direction. The existing lanes vary between 11 ft. and 12 ft. and shoulders vary between 4 ft. and 6 ft. The posted speed limit is 35 mph within the project limits. Within the project limits, SR 0209 has a current ADT of 19,257 vehicles per day with 5% trucks. The high ADT on SR 0209 makes left turns problematic due to a lack in gaps of opposing traffic and southbound left turns backing up southbound through traffic. Adding a southbound left turn lane on SR 0209 will eliminate the backing up of southbound SR 0209 through traffic. The SR 0209 pavement will be widened to accommodate the proposed southbound left turn lane and curbing and inlets will be provided to collect stormwater runoff on the roadway.

SR 2023 (Hollow Road) is a bituminous, urban, two-way, two lane road with a speed limit of 30 mph in the project area. SR 2023 has a current ADT of 2,380 vehicles per day with 2% trucks. SR 2023 currently intersects SR 0209 at a severe skew making left turns from the roadway problematic. The proposed project will relocate SR 2023 so it intersects SR 0209 at 90 degrees to improve intersection sight distance and the ability for vehicles to make a left turn onto SR 0209.

T-542 (Holy Cross Road) is a local road that currently intersects SR 0209 at a severe skew. T-542 also intersects SR 2023 approximately 200 feet south of SR 0209. As part of this project, the T-542 intersection with SR 0209 will be eliminated and the T-542 intersection with SR 2023 will be improved. A cul-de-sac on T-542 is proposed at the termination point of the T-542 pavement removal.

Traffic control during construction is anticipated to be staged construction. A single lane of traffic in each direction will be maintained on SR 0209 and SR 2023 for long term traffic control. Short-term lane closures are anticipated but will be limited to pipe replacements under SR 0209 and when tying in relocated SR 2023 and T-542 into the existing conditions.

The project is anticipated to be let in January 2023 with construction starting in April 2023.