

**Oxford Valley Road at Lincoln Highway Intersection Improvement Project**  
**SR 2029, Section S99**  
**Falls and Middletown Townships, Bucks County**  
**MPMS# 13635**

**Project Description**

MPMS: 13635

County: Bucks

Municipality: Falls and Middletown Townships

Location: 2 Mi. NE of Penndel Borough

Facility Name: SR 2029 (N. Oxford Valley Road); SR 2037 (Lincoln Hwy); SR 2053 (N. Oxford Valley Road); SR 2029 (Bristol-Oxford Valley Road)

Length of Project: 3,200'

ADT: SR 2029: 32,532 (2022); SR 2037: 28,074 (2022); SR 2053: 19240 (2022)

The proposed scope of work includes the reconstruction of N. Oxford Valley Road (SR 2029) as it approaches the Lincoln Highway (SR 2037) intersection from the north and south, in Falls and Middletown Townships, Bucks County, PA. Bristol-Oxford Valley Road (SR 2029) will be re-aligned to intersect N. Oxford Valley Road (SR 2053) to form a new signalized intersection across from the Oxford Point Shopping Center. The project limits extend along N. Oxford Valley Road 750' to the north of Lincoln Highway (SR 2037), and along Bristol-Oxford Valley Road (SR 2029) 1730' to the south of Lincoln Highway (SR 2037). The project limits along N. Oxford Valley Road (SR 2053) begin 1020' to the east of the intersection with Bristol-Oxford Valley Road (SR 2029). The project limits along Lincoln Highway (SR 2037) extend 1,017' to the west and 930' to the east of the intersection with N. Oxford Valley Road and Bristol-Oxford Valley Road (SR 2029).

Improvements at the intersection of N. Oxford Valley Road (SR 2029) and Lincoln Highway (SR 2037) include widening of both roadways for dual left-turn lanes at all 4 (four) approaches to the intersection, and for a northbound right-turn lane. The project includes modification of curb radii and concrete islands, new curb, sidewalk, and ADA compliant curb ramps. The existing traffic signals and mast arms will be replaced, and new drainage structures such as inlets, manholes, and pipes will be installed throughout the project limits. Traffic signal improvements will include signal optimization, emergency pre-emption, and video detection. No structures are included with this project.

N. Oxford Valley Road (SR 2053) and Bristol Oxford Valley Road (SR 2029) have higher than statewide average crash results based on the Pennsylvania Homogeneous report for 2013 to 2017. Existing traffic signal equipment does not meet current ADA and MUTCD standards. The lack of pedestrian and vehicle detection combined with high ADT leads to inefficient operation and serious congestion, a problem which is magnified during periods of peak traffic flow. ADA ramps missing; existing ADA ramps are not in compliance with PennDOT Standards. Outdated pedestrian signals, insufficient or failing pedestrian actuation, and inadequate pedestrian access creates unsafe conditions for pedestrians.

Signalized intersections have faded pavement markings, and safety is a concern during wet weather due to lack of sufficient drainage facilities.

In 2020, the project limits and footprint of disturbance changed with the addition of pedestrian access and ADA compliant ramps including sidewalk, curb, and traffic signal upgrades.

Since 2020, the design in the vicinity of Wawa has been revised. The access road that was proposed in front of Wawa and the beer distributor, has been removed from the project design. New access driveways are proposed in place of the access road. This will include sidewalks and ADA facilities throughout the Wawa and beer distributor driveways.

A stormwater basin is proposed across from the Wawa in the parcel with a grassy area and parking lot.

All land within the limits of the project has been disturbed by commercial development over the past 30 years. Oxford Valley Mall is located in the northwest quadrant of the intersection. There are no residential developments within the limits of work.

Right-of-Way will be required for this project. Temporary construction easements will be required during construction for contractor access.

The project has federal and state funding.