

DISTRICT	COUNTY	ROUTE	SECTION	SHEET
6-0	BUCKS	2049	BLW	1 OF 1
MIDDLETOWN TOWNSHIP				
REVISION NUMBER	REVISIONS	DATE	BY	

LANGHORNE-YARDLEY ROAD INTERSECTION IMPROVEMENTS

MIDDLETOWN TOWNSHIP, BUCKS COUNTY, PA

SR 2049 SECTION BLW, MPMS NO. 107794

PROJECT OVERVIEW PLAN

LEGEND

- - UNPAVED HIKE & BIKE TRAIL
- - EXISTING ASPHALT PATH
- - NEW CONCRETE CURB
- - NEW CONCRETE SIDEWALK TO REPLACE EXISTING
- - NEW CONCRETE SIDEWALK
- - NEW ASPHALT PATH
- - NEW STORMWATER BASIN

EXISTING SIGNALIZATION

- TO BE COMPLETELY REPLACED AND MODERNIZED

RRFB = RECTANGULAR RAPID FLASHING BEACON (SIMILAR TO THE EXISTING INSTALLATION AT LANGHORNE-YARDLEY ROAD & WALNUT WAY)



0 150 300 FEET



THE NORTHERN LEG OF WOODBOURNE ROAD WILL BE RECONSTRUCTED TO IMPROVE THE ALIGNMENT AT THE INTERSECTION, AUXILIARY TURN LANES WILL BE CONSTRUCTED ON ALL FOUR APPROACHES, AND THE TRAFFIC SIGNAL EQUIPMENT WILL BE COMPLETELY REPLACED AND MODERNIZED. THE WIDENING OF THE EASTERN LEG OF THIS INTERSECTION WILL ALSO PROVIDE FOR A LEFT TURN LANE ON LANGHORNE-YARDLEY ROAD APPROACHING ERICA DRIVE.

FOOT-WIDE MODULAR ARCHITECTURAL BLOCK SYSTEM WALL (VARYING HEIGHT 1-3 FEET) ABUTTING SOUTHERN SIDE OF NEW SIDEWALK


THE EXISTING SIGNALIZED T-INTERSECTION WILL BE REPLACED BY A SINGLE-LANE ROUNDABOUT. THE PROPOSED ROUNDABOUT WILL ELIMINATE THE EXISTING SKEWED ANGLE OF INTERSECTION, AND WILL HELP DECREASE VEHICULAR SPEEDS THROUGH THIS INTERSECTION WHILE IMPROVING SAFETY AND OPERATIONS

BETWEEN THE INTERSECTIONS, LANGHORNE-YARDLEY ROAD WILL BE WIDENED TO PROVIDE TRAVEL LANES AND PAVED SHOULDERS CONSISTENT IN WIDTH AND APPEARANCE

PLANNED BICYCLE AND PEDESTRIAN IMPROVEMENTS

- FIVE-FOOT-WIDE PAVED SHOULDERS WILL BETTER ACCOMMODATE BICYCLISTS.
- PEDESTRIAN ACCOMMODATIONS AT THE ROUNDABOUT AND THE SIGNALIZED INTERSECTION
- NEW PAVED PATHS ALONG BRIDGETOWN PIKE AND WOODBOURNE ROAD TO CONNECT THESE INTERSECTIONS TO THE CORE CREEK PARK DRIVEWAYS.
- SIDEWALKS WILL BE CONSTRUCTED ALONG THE SOUTHERN SIDE OF LANGHORNE-YARDLEY ROAD BETWEEN WOODBOURNE ROAD AND BRIGGS ROAD.
- TWO EXISTING PEDESTRIAN CROSSINGS WILL BE ENHANCED THROUGH INSTALLATIONS OF RECTANGULAR RAPID FLASHING BEACONS (RRFBs):
 - PEDESTRIAN CROSSING OF LANGHORNE-YARDLEY ROAD AT BRIGGS ROAD
 - PEDESTRIAN CROSSING OF WOODBOURNE ROAD AT DRIVEWAYS FOR CORE CREEK PARK AND MAPLE POINT MIDDLE SCHOOL

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DATE: 2/22/23	PROJECT DESIGNER: MD	JOB NO: MTTO.00012
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