

Section 2— Highway and Bridge Projects



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Financial Plan

Highway and Bridge Program

The financial consequences of following the project schedule include those costs associated with the various phases of the proposed projects. The phased programming of these steps allows for a more efficient and effective use of the available funding. The financial plan is composed of the long- and short-range elements. The long-range element is applied to the Long-Range Transportation Plan while the short-range element is applied to the TIP. Over the years, PENNDOT, in cooperation with its planning partners, has engaged in an effort to reengineer the planning and programming process. One of the results of this is the establishment of financial guidance (See Appendix B) that sets a base allocation of funding for each planning region. In addition to the base allocation, areas may receive discretionary funding from the State to cover projects associated with specific programs, economic development or “spikes” resulting from major regional projects.

With the FFY 2021 program, PennDOT expressed a strong desire to allocate additional funds to the Interstate program. Throughout early 2019, PennDOT, working in coordination with its planning partners via the Financial Guidance Work Group, developed recommendations which significantly increased the funds to be used on the Interstates. Because there was no new source of funding to cover these increases, funds were required to be shifted away from existing programs that were projected to be used for major highway improvements in planning areas throughout the state. This shift in funding is phased over time and results in a net decrease in funding through FFY 2028, the final year of this TIP update. These recommendations also proposed modifications to the base funding formulas to reflect Transportation Performance Management (TPM) requirements and an asset management philosophy based upon lowest life cycle costs. These formulas are used to allocate program funds to the various planning areas. Consensus to follow these recommendations was achieved in July 2019.

For the Reading MPO, these changes resulted in an overall \$68 million (25%) reduction of funding when compared to the prior projections for the four year period covered by the TIP (FFY 2021-2024). It also resulted in a further reduction of nearly \$172 million over the next six years (FFY 2025-2030) when compared to prior projections for that same period or a total reduction of about \$240 million (43%) over the period FFY 2021 – 2030. This meant that both the scope of work for certain projects as well as project schedules for most projects had to be adjusted to fit the available funding.

In November 2019, PennDOT also released guidance on its proposed allocation of discretionary “spike” funding for the period FFY 2021 – 2032. \$321.2 million was allocated in the long range funding plan for use on the US 422 West Shore Bypass Reconstruction project. These long range funds would not have become available until FFY 2028 and were then spread over a nine year period extending through FFY 2036. Following negotiations with PennDOT, it was agreed that a portion of these funds would be authorized for use on the US 222 Widening project.

In November 2021, the federal Infrastructure Investment and Jobs Act (IIJA) was enacted which created a major infusion of new funding to Pennsylvania and the Reading MPO. As a result of this, overall funding to the MPO increased by \$63.7 million when compared to the prior projections for the four-year period covered by the FFY 2023 – 2026 TIP and a further increase of \$109.4 million over the next six years (FFY 2027 – 2032). The prior commitments related to Spike funding for the US 222 and US 422 projects were carried forward into that plan but still fell outside of the horizon of that TIP.

For the FFY 2025-2028 TIP, funding formulas were recalculated to account for the results of the 2000 US Census and for current highway and bridge conditions. Additionally, the HSIP formula was revised to create a larger fund for addressing state-wide safety issues. The result of these changes is that the Reading MPO will realize an average gain of just over 7% in total formula (base) funding to the region over the four years covered by the FFY 2025-2028 TIP when compared to prior estimates.

PennDOT has also revised the “spike” funding allocations to Berks County for the US 222 Widening and the West Shore Bypass - Phase 1 projects. The total allocation remains the same (\$321.2 M). Funding for the US 222 Widening project has been advanced to FFY 2026 to match the anticipated let date of July, 2025. Total funding for the US 422 West Shore Bypass – Phase 1 project remain the same with minor modifications in the annual totals over the period FFY 2028 through FFY 2036.

The costs associated with this program match those allocated to the area through the State's financial guidance, including the receipt of discretionary funds. Details of this allocation are included in Appendix B.

In addition to the baseline STIP/TIP funding identified in PennDOT's Financial Guidance, there are multiple funding sources that are distributed statewide to counties, municipalities and through PennDOT maintenance. This funding includes:

- County/Municipal Liquid Fuels Tax Fund Allocations
- PennDOT County Maintenance A-582/A-409
- Statewide Distribution of Funds:
 - Green Light Go
 - Highway Transfer/Turnback Program
 - Highway Systems Technology
 - Debt Service
 - Pennsylvania Infrastructure Bank (PIB)
 - Act 44 Bridge
 - \$5 County Fee for Local Use Fund
 - Marcellus Shale
 - A-409 Discretionary

As defined by [23 USC 450.218\(m\)](#), the STIP and regional TIPs are required to contain system-level estimates of costs and state and local revenue sources beyond Financial Guidance that are reasonably expected to be available to adequately operate and maintain Federal-aid highways and public transportation.

Beyond the baseline federal and state funding, Pennsylvania invests more than \$2.4 Billion annually to operate and maintain the Commonwealth's transportation network. This funding plays an important role in maintaining transportation infrastructure across the Commonwealth and contributes significantly to providing a state of good repair. It should be noted that existing and future transportation needs are much greater than what current financial resources can provide in Pennsylvania. These needs go beyond traditional highway and bridge infrastructure and include multi-modal facilities such as public transit, aviation, rail, marine, ports, bicycle, pedestrian, and other assets.

Pennsylvania Transportation Funding Not Included in the STIP					
PLANNING PARTNER	SFY 24-25	SFY 25-26	SFY 26-27	SFY 27-28	SFY 28-29
Adams	19,200,943	19,214,427	19,257,518	21,108,667	20,957,515
Altoona	19,401,164	19,399,362	19,425,241	21,261,208	21,105,178
Centre	25,321,097	25,348,328	25,407,599	27,958,442	27,764,755
DVRPC	305,274,541	304,470,710	304,392,675	335,639,867	332,147,427
Erie	40,923,599	40,914,488	40,976,783	45,190,949	44,846,658
Franklin	24,184,870	24,186,022	24,223,584	26,782,138	26,579,317
Harrisburg	79,650,352	79,636,500	79,746,710	87,631,008	86,936,959
Johnstown	27,932,041	27,960,281	28,027,570	30,339,491	30,132,140
Lancaster	53,357,479	53,234,356	53,226,816	57,353,087	56,795,459
Lebanon	17,274,912	17,242,175	17,239,012	18,374,578	18,222,025
Lehigh Valley	63,938,620	63,760,616	72,226,648	70,710,561	70,043,862
NEPA	86,662,502	86,881,768	98,416,588	97,985,456	97,337,607
North Central	91,743,708	92,040,838	92,431,801	102,050,712	101,446,479
Northern Tier	109,160,012	109,656,102	110,262,401	123,809,125	123,068,184
Northwest	92,304,222	92,552,802	92,909,503	101,199,797	100,567,907
Reading	44,375,685	44,292,049	50,209,877	49,125,420	48,662,496
S. Alleghenies	86,525,072	89,882,085	90,201,572	103,079,595	102,345,738
Scranton-WB	89,682,059	100,123,439	100,433,284	109,448,996	108,770,713
SEDA-COG	99,920,065	86,839,128	87,232,295	95,193,372	94,655,170
SPC	418,849,185	419,420,554	420,637,901	468,069,934	464,473,484
SVTS	28,377,371	28,417,542	28,491,554	31,617,295	31,406,646
Wayne County	25,107,746	25,263,951	25,434,109	29,731,380	29,558,805
Williamsport	29,874,614	29,940,950	30,040,195	32,377,607	32,167,026
York	52,363,580	52,271,970	52,281,207	56,605,757	56,100,891
Statewide	590,599,000	601,368,000	623,944,000	632,651,000	632,632,000
TOTAL	2,522,004,441	2,534,318,441	2,587,076,442	2,775,295,442	2,758,724,442

Reading Metropolitan Planning Organization (MPO) Project Evaluation and Selection Process

The goal of the TIP update process is to select transportation improvements with the greatest benefit to the region and county. According to federal and state-wide guidance, the highest priority in program development should be on system preservation and management. System preservation involves extending the life of existing facilities and the repair of damages. System management involves projects that maximize safety and mobility. PennDOT has developed a Transportation Asset Management Program (TAMP), Bridge Asset Management System (BAMS), and Pavement Asset Management System (PAMS) that inventory state roadway and bridge conditions and use and identify maintenance needs. Roadway and bridge maintenance project recommendations are generally based on this assessment.

There is also an emphasis on strengthening the linkage between land use and transportation decisions. This linkage can take many forms, including supporting in-fill development, brownfield / grayfield development, enhancing Keystone Opportunity Zones / Keystone Innovation Zones (KOZs/ KIZs), helping blighted communities with transportation projects / services, access management, and encouraging collaboration among government entities.

The TIP must fulfill Federal transportation laws and regulations including Performance Based Planning and Programming (PBPP) and achieve the goals and objectives expressed in the Commonwealth's Long Range Transportation Plan and related modal plans and the goals of the RATS Long Range Transportation Plan and other key documents such as the Congestion Management Process and the Bicycle and Pedestrian Plan. Major capital candidate projects should be selected from existing long range transportation plans for inclusion in the TIP.

The current federal surface transportation legislation entitled the Infrastructure Investment and Jobs Act (IIJA) was enacted in November, 2021. It builds on the prior legislation "Fixing America's Surface Transportation Act" (FAST Act – 2015) and "Moving Ahead for Progress in the 21st Century" (MAP-21) that was enacted in 2012. MAP-21 created a streamlined and performance-based surface transportation program and dramatically impacted transportation funding in Pennsylvania and Berks County. MAP-21 consolidated numerous funding categories into four primary categories – 1) National Highway Performance Program (NHPP), 2) the Surface Transportation Program (STP), 3) the Highway Safety and Improvement Program (HSIP), and 4) the Congestion Mitigation and Air Quality Improvement Program (CMAQ). The FAST Act expanded on this by adding a fifth category – the National Highway Freight Program – to address highway / bridge needs on a new National Highway Freight Network. The IIJA also introduces new programs relating to Resiliency and Carbon Reduction and numerous other competitive programs.

The NHPP accounts for approximately 50% of the federal funding received by Pennsylvania and can only be used on a roadway network that is comprised of the Interstate highways, highways designated as part of the National Highway System (NHS), other principal arterials, and NHS connectors - which provide links between important multi-modal facilities and the NHS - and any bridges that are part of this highway network. This NHPP network, consisting of the most important highways, represents only 16% of the state-wide highway system.

STP funds may be used for eligible highways and bridges over the balance of the federal-aid eligible roadways and bridges. Additional STP funds are allocated specifically to urban areas such as Reading with a population of over 200,000. A sub-category of STP funds provides for the Transportation Alternatives Program.

HSIP funding must be directed to address locations identified by analysis as areas of need as identified in the Commonwealth's Strategic Highway Safety Plan. This plan targets priority safety focus areas and strategies / actions to reduce highway fatalities. Additional HSIP funding may be used to address local high-crash locations and systematic programs such as the State's Intersection Safety Improvement Program, Roadway Departure Improvement Program and Speed Management Action Plan.

CMAQ funds must be used on those projects that improve air quality and reduce congestion for either the highway or public transportation systems.

Carbon Reduction Program funds must be used on those projects that will reduce carbon dioxide emissions such as improving traffic flow to reduce congestion that does not involve increasing capacity or replacing street lighting and traffic control devices with energy efficient alternatives.

PennDOT is retaining control of the National Highway Freight Program funding for use on the Interstate Highway System and PROTECT funding to improve the resiliency of surface transportation infrastructure against natural hazards and extreme weather events.

For the FFY 2025-2028 Transportation Improvement Program, PennDOT and MPO staff cooperatively developed the program using the following methodology:

- 1) The TIP development process began in March 2023 with the MPO actively promoting the State Transportation Commission's on-line survey and public meeting. This was done through a combination of e-mail to all municipalities and the MPO mail list, posting notices and follow-ups to our webpage and Facebook. The results of this statewide survey are sorted and data relative to Berks County is broken out and provided to the MPO. There were 109 responses to the survey. This survey was followed by a solicitation of project recommendations from Berks County municipalities in May 2023. Municipalities were given details of the eligibility requirements for new project additions as well as a listing of all current projects included on the FFY 2023 TIP. A total of nine new projects were recommended as a result.
- 2) The extent of available resources was determined based on the most recent federal and state funding estimates and the procedures used to allocate them to each planning region. Additional funding through any federal and state discretionary funding and local match requirements were added to the highway and bridge total.
- 3) The FFY 2023-2026 TIP was reviewed and any projects that had not yet been completed were carried over to the FFY 2025-2028 TIP. Carry-over projects included projects or phases of projects, excluding those on the Interstate highway system, in which:
 - Federal funds were not or were not anticipated to be obligated in FFY 2023 or FFY 2024;
 - State funds were not anticipated to be encumbered in FFY 2023 or FFY 2024; and
 - Construction projects that have estimated let dates after October 1, 2024.
- 4) New projects were considered for inclusion in the FFY 2025-2028 program. New projects are primarily generated from the MPO's Long Range Transportation Plan listing of unfunded projects and through programmatic reviews. All new projects are evaluated based on their ability to address Performance Measures as discussed in the following section and consistency with other state and regional plans such as but not limited to the Pennsylvania Long Range Transportation Plan, the Pennsylvania Freight Movement Plan, the Eastern Pennsylvania Regional Operations Plan, the Reading MPO's Congestion Management Process and the Reading MPO's Bicycle and Pedestrian Transportation Plan.

Some funds are held in line items representing either specific programs or represent fund balances by funding category which are used as reserves to meet future funding adjustments or be identified for use as new projects, subject to appropriate rules.

The MPO and PennDOT staff initiated meetings regarding the program update in October 2023. These meetings focused on updating the status of current projects and reviews of the bridge program as well as

highway and safety projects. This work was done using assumptions for declining state funds and flat federal funding in the absence of new legislation. Five meetings occurred during this time.

Based on project schedule advancements and cost increases, virtually no new projects were added to the TIP during this cycle. One project was added based on discretionary HSIP funding (All Weather Pavement Markings) and one project was added using discretionary Transportation Systems Management and Operations (TSMO) funding (RATS ITS Camera Gaps). Two new line items were created. One to address pavement conditions (Berks High Volume Ralumac Microsurfacing) and a second to provide for repair / replacement of municipal bridges. A third new line item was also created to capture anticipated STU funding that will be received by the Reading MPO from DVRPC as a condition of an anticipated MOU between the two agencies resulting from an expansion of the Philadelphia Urban area into eastern Berks County. These funds will not be distributed until the MOU is executed and exact funding levels are established.

The project listings were presented to the MPO's Technical and Coordinating Committees in December 2023. The project listing was submitted to PennDOT's Central office for an initial review by December 30, 2023. A review of the program between the MPO and PennDOT's Central office staff occurred in January, 2024.

- 5) The project listing has been analyzed for conformity with the current air quality standards. The summarized results of this analysis can be found in the Appendix C.
- 6) The plan has been reviewed through an Environmental Justice Summary to ensure that projects and programs are not disproportionately distributed with respect to minority and low-income populations. The summarized results of this analysis can be found in Appendix E.
- 7) The FFY 2025-2028 Transportation Improvement Program and related documents were made available for a public review and comment period extending from March 24, 2024 through April 23, 2024. Two public meetings were advertised and will be held on April 8, 2024 and April 11, 2024. All comments received and responses to those comments were reviewed by the RATS Technical Committee on May 2, 2024. The Coordinating Committee reviewed all comments and approved the responses to those comments entire TIP package.
- 8) The Coordinating Committee adopted the Transportation Improvement Program, Air Quality Conformity Analysis, and Environmental Justice Summary and all associated documents on May 16, 2024.

Transportation Performance Management

The Bipartisan Infrastructure Law (BIL) continues the requirements established in Moving Ahead for Progress in the 21st Century Act (MAP-21) and the Fixing America's Surface Transportation (FAST) Act for performance management. These requirements aim to promote the most efficient investment of Federal transportation funds. Performance-based planning ensures that the Pennsylvania Department of Transportation (PennDOT) and the Metropolitan Planning Organizations (MPOs) collectively invest Federal transportation funds efficiently towards achieving national goals. In Pennsylvania, the Rural Planning Organizations (RPOs) follow the same requirements as MPOs.

Transportation Performance Management (TPM) is a strategic approach that uses data to make investment and policy decisions to achieve national performance goals. [23 USC 150\(b\)](#) outlines the national performance goal areas for the Federal-aid program. This statute requires the Federal Highway Administration (FHWA) to establish specific performance measures for the system that address these national goal areas. The regulations for the national performance management measures are found in [23 CFR 490](#).

National Goal Areas

Safety	<ul style="list-style-type: none"> To achieve a significant reduction in traffic fatalities and serious injuries on all public roads.
Infrastructure Condition	<ul style="list-style-type: none"> To maintain the highway infrastructure asset system in a state of good repair
Congestion Reduction	<ul style="list-style-type: none"> To achieve a significant reduction in congestion on the National Highway System
System Reliability	<ul style="list-style-type: none"> To improve the efficiency of the surface transportation system
Freight Movement and Economic Vitality	<ul style="list-style-type: none"> To improve the national freight network, strengthen the ability of rural communities to access national and international trade markets, and support regional economic development.
Environmental Sustainability	<ul style="list-style-type: none"> To enhance the performance of the transportation system while protecting and enhancing the natural environment
Reduced Project Delivery Delays	<ul style="list-style-type: none"> To reduce project costs, promote jobs and the economy, and expedite the movement of people and goods by accelerating project completion through eliminating delays in the project development and delivery process, including reducing regulatory burdens and improving agencies' work practices

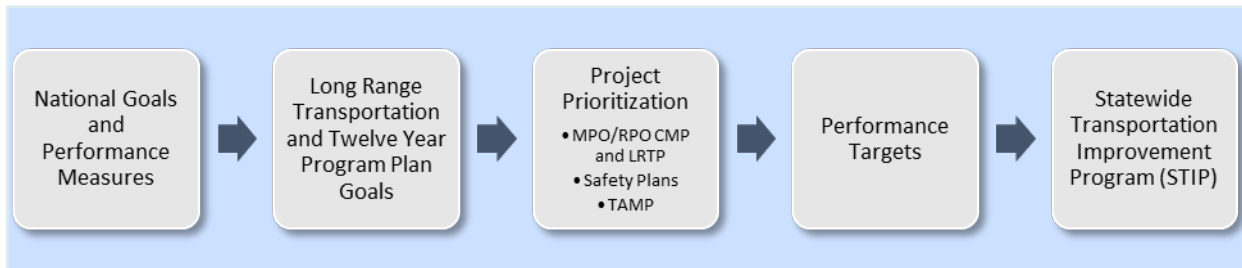
Performance Based Planning and Programming

Pennsylvania continues to follow a Performance Based Planning and Programming (PBPP) process, with a focus on collaboration between PennDOT, FHWA, and MPOs/RPOs at the county and regional levels. These activities are carried out as part of a cooperative, continuing, and comprehensive (3C) planning process which guides the development of many PBPP documents, including:

- Statewide and Regional Long Range Transportation Plans (LRTPs)
- Twelve-Year Transportation Program (TYP)
- State Transportation Improvement Program (STIP)
- Regional Transportation Improvement Programs (TIPs)
- Transportation Asset Management Plan (TAMP)
- Transit Asset Management (TAM) Plans
- Public Transportation Agency Safety Plans (PTASP)
- Pennsylvania Strategic Highway Safety Plan (SHSP)
- Comprehensive Freight Movement Plan (CFMP)

- Congestion Mitigation and Air Quality (CMAQ) Performance Plan(s)
- Congestion Management Process (CMP)
- Regional Operations Plans (ROPs)

The above documents in combination with data resources including PennDOT’s bridge and pavement management systems, crash databases, historical travel time archives, and the CMAQ public access system provide the resources to monitor federal performance measures and evaluate needs across the state. Based on these resources, PennDOT and MPOs/RPOs have worked together to (1) create data driven procedures that are based on principles of asset management, safety improvement, congestion reduction, and improved air quality, (2) make investment decisions based on these processes, and (3) work to set targets that are predicted to be achieved from the programmed projects. Aligning goals and performance objectives across national (FHWA), state (PennDOT) and regions (MPOs/RPOs) provide a common framework for decision-making.

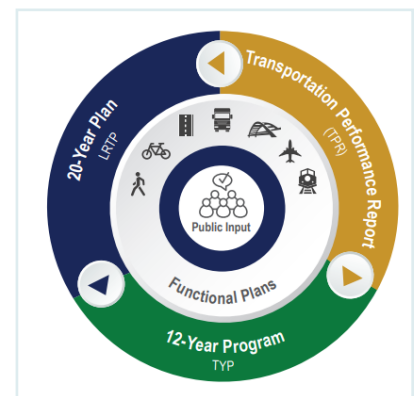


PennDOT, in cooperation with the MPOs/RPOs, has developed written provisions for how they will cooperatively develop, and share information related to the key elements of the PBPP process including the selection and reporting of performance targets. These PBPP written provisions are provided in **Appendix A**. In addition, PennDOT has updated their Financial Guidance to be consistent with the PBPP provisions. The Financial Guidance provides the near term revenues that support the TIP and is provided in **Appendix B**.

Evaluating 2025-2028 TIP Performance

The Federal Fiscal Year (FFY) 2025-2028 Transportation Improvement Program (TIP) supports the goal areas established in PennDOT’s current long range transportation plan (Pennsylvania 2045). These include safety, mobility, equity, resilience, performance and resources. The goals are aligned with the national goal areas and federal performance measures and guide PennDOT and the Reading MPO in addressing transportation priorities.

The following sections provide an overview of the federal performance measures. Since asset management, reliability and CMAQ targets have not yet been set for the 2024-2027 performance period, the current project selection process for the FY2025-2028 TIP is highlighted and related to meeting future targets. Over the 4-year TIP, nearly 85% of the total funding is associated with highway and bridge reconstruction, preservation, and restoration projects. However, these projects are also anticipated to provide significant improvements to highway safety and traffic reliability for both passenger and freight travel. Through these performance measures, PennDOT and the MPO will continue to track performance outcomes and program impacts on meeting the transportation goals and targets. Decision support tools including transportation data and project-level prioritization methods will be continually developed and enhanced to meet PennDOT and MPO needs. Dashboards and other reporting tools will be maintained to track and communicate performance to the public and decision-makers.



Safety Performance Measures (PM1)

Background

The FHWA rules for the *National Performance Management Measures: Highway Safety Improvement Program* (Safety PM) and *Highway Safety Improvement Program* (HSIP) were published in the Federal Register ([81 FR 13881](#) and [81 FR 13722](#)) on March 15, 2016, and became effective on April 14, 2016. These rules established five safety performance measures (commonly known as PM1). The current regulations are found at [23 CFR 490 Subpart B](#) and [23 CFR 924](#). Targets for the safety measures are established on an annual basis.

Data Source

Data for the fatality-related measures are taken from the Fatality Analysis Reporting System (FARS) and data for the serious injury-related measures are taken from the State motor vehicle crash database. The Vehicle Miles of Travel (VMT) are derived from the Highway Performance Monitoring System (HPMS).

2022 Safety Measures and Targets (Statewide)

Measure	Baseline (2018-2022)	Target (2020-2024)
Number of fatalities	1,157.4	1,165.1
Rate of fatalities per 100 million VMT	1.182	1.219
Number of serious injuries	4,682.4	4,721.0
Rate of serious injuries per 100 million VMT	4.783	4.939
Number of non-motorized fatalities & serious injuries	804.6	817.6

Methods for Developing Targets

An analysis of Pennsylvania's historic safety trends was utilized as the basis for PennDOT and MPO/RPO coordination on the State's safety targets. The targets listed above are based on a 2% annual reduction for fatalities and maintaining levels for suspected serious injuries, which was derived from the actions listed in the [Strategic Highway Safety Plan \(SHSP\)](#), crash data analysis and the desire to support the national initiative Toward Zero Deaths.

Progress Towards Target Achievement and Reporting:

PennDOT and the Reading MPO continue efforts to ensure the TIP and Long-Range Transportation Plan (LRTP) are developed and managed to support progress toward the achievement of the statewide safety targets. At this time, only the Delaware Valley Regional Planning Commission (DVRPC) has elected to establish their own regional safety targets. All other MPOs/RPOs have adopted the statewide targets.

PennDOT's Strategic Highway Safety Plan (SHSP) serves as a blueprint to reduce fatalities and serious injuries on Pennsylvania roadways and targets 18 Safety Focus Areas (SFAs) that have the most influence on improving highway safety throughout the state. Within the SHSP, PennDOT identifies 3 key emphasis areas to improve safety – impaired driving, lane departure crashes, and pedestrian safety.

2022 SHSP Safety Focus Areas

Lane Departure Crashes	Speed & Aggressive Driving	Seat Belt Usage	Impaired Driving
Intersection Safety	Mature Driver Safety	Local Road Safety	Motorcycle Safety
Pedestrian Safety	Bicycle Safety	Commercial Vehicle Safety	Young & Inexperienced Drivers
Distracted Driving	Traffic Records Data	Work Zone Safety	Transportation Systems Management & Operations
Emergency Medical Services	Vehicle-Train Crashes		

Pursuant to 23 CFR 490.211(c)(2), a State Department of Transportation (DOT) has met or made significant progress toward meeting its safety performance targets when at least 4 of the 5 safety performance targets established under 23 CFR 490.209(a) have been met or the actual outcome is better than the baseline performance for the year prior to the establishment of the target. Preliminary data indicates that Pennsylvania did not meet the statewide targets and is subject to the provisions of 23 U.S.C. § 148 (i). This requires the Department to submit an implementation plan that identifies gaps, develops strategies, action steps and best practices, and includes a financial and performance review of all HSIP funded projects. This plan is due by June 30, 2024. In addition, the Department is required to obligate in Federal Fiscal Year (FFY) 2025 an amount equal to the FFY 2021 HSIP apportionment.

As part of the Highway Safety Improvement Program Implementation Plan, the Department identified gaps and best practices to support further reducing serious injuries and fatalities. The following opportunities were identified as ways to assist with meeting future targets: (1) appropriate project selection, (2) expanding local road safety in HSIP, (3) assessing programs that support non-motorized safety, (4) expanding use of systemic safety projects, (5) improved project tracking for evaluation purposes and (6) project prioritization for greater effectiveness.

PennDOT continues to provide feedback on statewide and MPO-specific progress towards target achievement. The progress helps regional MPOs understand the impacts of their past safety investments and can guide future planning goals and strategy assessments.

Evaluation of TIP for Target Achievement:

The following will ensure that planned projects in the TIP will help to achieve a significant reduction of traffic fatalities and serious injuries on all public roads:

- PennDOT receives federal funding for its Highway Safety Improvement Program (HSIP). The 2025-2028 STIP includes \$534 million of HSIP funding. The Department distributes approximately 63% of this funding to its regions based on fatalities, serious injuries, and reportable crashes. In addition, of the balance of the HSIP funding is reserved for various safety initiatives statewide.
- All projects utilizing HSIP funds are evaluated based on a Benefit/Cost (B/C) analysis, Highway Safety Manual (HSM) analysis, fatal and injury crashes, application of systemic improvements, improvements on high-risk rural roads, and deliverability. Specifically, as part of PennDOT's HSIP application process, a data-driven safety analysis in the form of B/C analysis or HSM analysis is required. Performing this analysis early in the planning process for all projects will help ensure projects selected for inclusion in the TIP will support the fatality and serious injury reductions goals established under PM1.
- The process for selecting safety projects for inclusion in the TIP begins with the Network Screening Evaluation that the Department has performed on a statewide basis. Selecting locations with an excess crash frequency greater than zero from this network screening is key to identifying locations with a high potential to improve safety. This evaluation has been mapped and is included in PennDOT's OneMap to ease use by PennDOT's partners. At the current time, this is not all inclusive for every road in Pennsylvania. Locations not currently evaluated may be considered by performing the same type of excess crash frequency evaluation the Department utilizes. Once this analysis has been performed, the data is used by the Engineering Districts and planning partners to assist MPO/RPO's in evaluating different factors to address the safety concern
- PennDOT continues to improve on the methods to perceive, define and analyze safety. This includes integration of Regionalized Safety Performance Functions (SPFs) that have been used to support network screening of over 20,000 locations.¹

¹ For more information on SPFs: <https://www.penndot.gov/ProjectAndPrograms/Planning/Research-And-Implementation/Pages/activeProjects/Safety-Performance-Functions.aspx>

- PennDOT continues to identify new strategies to improve safety performance. PennDOT is actively participating in EDC 5 to identify opportunities to improve pedestrian safety as well as reduce rural roadway departures. These efforts new strategies are incorporated into future updates to the SHSP.
- Safety continues to be a project prioritization criterion used for selecting other TIP highway and bridge restoration or reconstruction projects. Many of these projects also provide important safety benefits.
- PennDOT continues to evaluate procedures to help in assessing how the TIP supports the achievement of the safety targets. As HSIP projects progress to the engineering and design phases, Highway Safety Manual (HSM) predictive analyses are completed for the project in accordance with PennDOT Publication 638. The HSM methods are the best available state of practice in safety analysis and provides quantitative ways to measure and make safety decisions related to safety performance. PennDOT will continue to identify ways to expand the application of HSM analyses to support more detailed assessments of how the STIP is supporting achievement of the safety targets.

The following HSIP-funded TIP projects, using \$13.1 million in HSIP funding and associated matching funds, often in combination with other state and federal funds, were developed in cooperation between PennDOT and the Reading MPO :

MPMS #	Project	Description and Location
120983	RATS High Friction Surface 2025	This project involves application of a high friction surface treatment to various identified locations within Berks County
79467	SR 12 / Elizabeth	Project involves shoulder widening, removal of a narrow bridge, installation of a hybrid roundabout at Elizabeth Avenue and a traffic signal with realignment and a southbound left turn lane on PA 12 at Skyline Drive in Alsace Township.
61972	US 222 Widening	Widening of US Route 222 from Schaeffer Road to the Kutztown Bypass in Richmond, Maiden creek and Maxatawny Townships. The highway will be widened to four lanes, a median barrier will be installed and roundabouts at Pleasant Hills Road and Richmond Road.
105963	Route 662 and Oley Turnpike Intersection	Construct a roundabout at the intersection of PA662 (Memorial Highway) and SR 2020 (Oley Turnpike Road) in Oley Township.
117603	SR 3023 State Hill Road – SR 222SB to Norfolk Southern RR	Improvements to State Hill Road (SR 30323) with the addition of a roundabout at US 222 Southbound ramps and addition of a roundabout combining the US 222 Northbound ramps with Spring Street in Wyomissing Borough
102161	Lancaster (US222B) Corridor Improvement (Study Only)	This project will include safety corridor improvements along State Route 3222 (Lancaster Avenue Business 222) from Kenhorst Boulevard to Route 10 in the City of Reading

The following non-HSIP-funded projects also support the achievement of the safety targets:

MPMS #	Project	Description and Location
117622	RATS AWPM 2025	These projects involve the installation of all weather pavement markings on various routes in various municipalities in Berks County
91658	TOC Operator - Berks	This project funds an operator working in the Traffic Operations Center in District 5-0 who monitors cameras, message boards and radio systems along I-78, I-176, Us 222 and US 422 in Berks County.
94900	Freeway Service Patrol	This project funds the freeway service patrol on US 422, US 222 and PA 12 in the urban area of Berks County.
109337	61 Median Barrier - Tilden	This project will add a median barrier on PA 61 from Lowland Road to a point approximately 0.4 miles north in Tilden Township
97258	SR 61 Median Barrier – Perry /Windsor	This project will add a median barrier on PA 61 from Zion’s Church Road to 4 th Street in Perry and Windsor Townships and Hamburg Borough.
110008	222 Auxiliary Lane - Wyomissing	This project involves the addition of an auxiliary lanes to US 222 Southbound and Northbound between the Berkshire Boulevard overpass and the Paper Mill Road Interchange in Wyomissing Borough to improve both safety and congestion.
120988	BPN-4 Guide Rail Upgrades	This project involves BPN-4 Guide Rail Upgrades at various locations throughout Berks County

Pavement/Bridge Performance Measures (PM2)

Background

The FHWA rule for the National Performance Management Measures; Assessing Pavement and Bridge Condition for the National Highway Performance Program was published in the Federal Register ([82 FR 5886](#)) on January 18, 2017 and became effective on February 17, 2017. This rule established six measures related to the condition of the infrastructure on the National Highway System (NHS). The measures are commonly known as PM2. The current regulations are found at [23 CFR 490 Subpart C and Subpart D](#). Targets are established for these measures as part of a four-year performance period, the first was 2018 to 2021. This TIP includes projects that will impact the second four-year performance period of 2022 to 2025.

Data Source

Data for the pavement and bridge measures are based on information maintained in PennDOT's Roadway Management System (RMS) and Bridge Management System (BMS). The VMT are derived from the Highway Performance Monitoring System (HPMS).

2022-2025 Pavement Performance Measure Targets (Statewide)

Measure	Baseline 2021	2-year Target 2023	4-year Target 2025
% of Interstate pavements in Good condition	68.8%	69.0%	65.0%
% of Interstate pavements in Poor condition	0.4%	2.0%	2.0%
% of non-Interstate NHS pavements in Good condition	37.2%	31.0%	29.0%
% of non-Interstate NHS pavements in Poor condition	1.5%	6.0%	6.5%

Bridge Performance Measure Targets (Statewide)

Measure	Baseline 2021	2-year Target 2023	4-year Target 2025
% of NHS bridges by deck area in Good condition	27.5%	28.0%	28.0%
% of NHS bridges by deck area in Poor condition	4.4%	7.5%	TBD

Methods for Developing Targets

Pennsylvania's pavement and bridge targets were established through extensive coordination with a Transportation Asset Management Plan (TAMP) steering committee and workshops with MPOs/RPOs and FHWA's Pennsylvania Division. The targets are consistent with PennDOT's asset management objectives of maintaining the system at the desired state of good repair, managing to lowest life cycle costs (LLCC), and achieving national and state transportation goals.² Targets calculated based on general system degradation (deterioration curves) offset by improvements expected from delivery of the projects in the TIP along with planned state funded maintenance projects.

Progress Towards Target Achievement and Reporting:

PennDOT and the Reading MPO continue to implement enterprise asset management for programming and decision-making as outlined in the TAMP.³ PennDOT will be transitioning to the new TAMP to be finalized in the summer of 2022. The tools and methodologies are continually evaluated to prioritize state-of-good repair approaches that preserve transportation system assets. Within the TAMP, PennDOT identifies the following key objectives:

2 For more information on LLCC: <https://www.penndot.gov/ProjectAndPrograms/Asset-Management/Documents/Lowest-Life-Cycle-Cost-Infographic.pdf>

3 PennDOT TAMP: <https://www.penndot.pa.gov/ProjectAndPrograms/Asset-Management/Pages/default.aspx>

TAMP Objectives

- Sustain a desired state of good repair over the life cycle of assets
- Achieve the lowest practical life-cycle cost for assets
- Achieve national and state goals

PennDOT's analyses pertaining to life cycle management, risk management, financial planning, and any performance gaps culminate in an investment strategy to support the objectives and goals established in the TAMP.

PennDOT and the MPO continue to ensure the TIP and LRTP are developed and managed to support progress toward the achievement of the statewide pavement/bridge objectives and targets established for the 2022-2025 performance period. The Reading MPO's pavement and bridge projects provided in the FY2025-2028 TIP were selected through coordination with PennDOT's Asset Management Section in accordance with the TAMP. The projects are consistent with PennDOT's asset management objectives of maintaining the system at the desired state of good repair, managing to lowest life cycle costs (LLCC), and achieving national and state transportation goals.

After the 2022-2025 performance targets are set, PennDOT will provide feedback on statewide and MPO-specific progress towards target achievement. The progress helps each region understand the impacts of their past bridge and pavement investments and can guide future planning goals and strategy assessments.

Evaluation of TIP for Target Achievement:

The following has helped to ensure that planned projects in the TIP will help to maintain a desired state of good repair in bridge and pavement conditions for the interstate and NHS roadways:

- Nearly 85% of PennDOT's TIP funding is directed to highway and bridge preservation, restoration, and reconstruction projects. Many of these projects are focused on our region's NHS roadways. PennDOT is responsible for programming projects on the Interstate system.
- Pennsylvania's investment strategy, reflected in the statewide 2025 Twelve Year Program (TYP) and 2025-2028 STIP, is the result of numerous strategic decisions on which projects to advance at what time. PennDOT and the Reading MPO continue to work to meet the challenges of addressing local needs and priorities, while ensuring a decision framework is applied consistently across the state.
- The TAMP provides a 12-year outlook that includes the financial strategy for various work types and is a driver for the TIP and LRTP development. The TAMP projects the levels of future investment necessary to meet the asset condition targets and contrasts them with expected funding levels. This helps PennDOT and the MPO make ongoing assessments and reevaluate data associated with its future investment decisions.
- In support of the TIP development, PennDOT and MPOs/RPOs jointly developed and approved General and Procedural Guidance and Transportation Program Financial Guidance documents.⁴ The guidance, which is consistent with the TAMP, formalizes the process for Districts, MPOs/RPOs and other interested parties as they identify projects, perform a project technical evaluation, and reach consensus on their portion of the program.
- The Procedural Guidance also helps standardize the project prioritization process. The guidance is key to resolving issues between programming to lowest life-cycle cost, managing current infrastructure

⁴ The 2025 Financial Guidance can be found at: <https://talkpatransportation.com/how-it-works/tip>

issues and risk mitigation. The resulting methodology allows data-driven, asset management-based decisions to be made with human input and insight based on field evaluations to achieve maximum performance of the available funds. The guidance document is revised for each TIP cycle as PennDOT's asset management tools and methods evolve and enhance its ability to program to lowest life cycle cost.

- In the short term, candidate projects are defined, and the proposed program is compared to Pavement Asset Management System (PAMS) and Bridge Asset Management System (BAMS) outputs to verify that the program is developed to the lowest practical life cycle cost. The percentages of good and poor can also be projected for evaluation of how the program may impact the national performance measures. When PAMS and BAMS are further implemented and improved, then planners can use the systems to optimize the selection of projects to achieve optimal performance within the funding constraints. Programs can then be analyzed in relation to the PM2 measures.

Pavement projects appearing on the Reading MPO TIP and LRTP are developed in coordination with PennDOT. The Pavement Asset Management System (PAMS) is reviewed to identify candidate corridors and the required level of improvement. Projects can either be large scale capital projects funded with federal dollars and are listed in the TIP and LRTP or smaller scale pavement programs funded using state funds. Examples of these state programs include projects such as seal coating to preserve existing pavements or simple resurfacing projects through PennDOT's County maintenance allocations (M89 Program). Pavement improvements also can be accomplished as a byproduct of projects addressing operational or safety issues as their primary focus.

The following pavement projects on the NHS and other major routes were developed in cooperation between PennDOT and the Reading MPO :

<i>MPMS #</i>	<i>Project</i>	<i>Description and Location</i>
96373	PA 61 Restoration – Phase 1	Project involves highway restoration of PA 61 from approximately 1700 feet south of Cabela's Drive to the south end of the bridge over the Schuylkill River in Tilden Township.
10328	PA 61 Restoration – Phase 2A	Project involves highway restoration of PA 61 from 4 th Street to the bridge over the Schuylkill River and State Street.
10867	PA 61 Restoration – Phase 2B	Project involves highway restoration of PA 61 from Zion's Church Road in Perry Township through Windsor Township to the 4 th Street intersection in Hamburg. The 4 th Street intersection will be reconfigured.
121039	Berks High Volume Ralumac Microsurfacing	Project involves Ralumac microsurfacing on high volume roads in various locations throughout Berks County.

While not specifically included in the Reading MPO TIP, two projects to be carried out by PennDOT are included in the current Interstate TIP. One of these projects extend along I-78 from Shartlesville to just west of PA 61. The second involves isolated concrete patching of failed slabs on I-78 and I-176 in Berks County.

Bridge projects appearing on the Reading MPO TIP and LRTP are developed in coordination with PennDOT. The Bridge Asset Management System (BAMS) is reviewed to identify candidate corridors and the required level of improvement. The bridge projects programmed in this TIP will make a major improvement to the MPO's overall bridge conditions.

The Reading MPO works closely with PennDOT to determine the most effective and efficient level of improvements to be implemented. In addition to those structures designated for major rehabilitation or replacement, the FFY 2025-2028 TIP contains three Bridge Preventative Maintenance packages, each containing several bridges, that

are intended to provide repairs necessary to keep bridges currently designated as FAIR from becoming POOR. There are also two Box Culvert Bundles which address numerous smaller structures carrying highways over watercourses.

The following bridge projects on the NHS and other major routes were developed in cooperation between PennDOT and the Reading MPO:

<i>MPMS #</i>	<i>Project</i>	<i>Description and Location</i>
109894	SR 61 Bridge Rehabilitation	Project involves the rehabilitation of the PA 61 bridge over the Schuylkill River and SR 4028 (West State Street) in the Borough of Hamburg and Tilden Township.
92070	US 422 (Penn Avenue) over Cacoosing Creek	Project involves the rehabilitation or replacement of US 422 over the Cacoosing Creek in Sinking Spring Borough.
10613	5 th Street Bridge over NS RR	Project involves the rehabilitation or replacement of the Fifth Street (US 222-B) bridge over the Norfolk Sothern Railroad in the City of Reading.
91995	Centre Avenue over Norfolk Southern RR	Project involves the rehabilitation or replacement of the bridge carrying Centre Avenue (SR2087) over the Norfolk Southern Railroad in the City of Reading
91091	Schuylkill Avenue Bridge SB	Project involves a bridge replacement on Schuylkill Avenue (PA 183) southbound over the Norfolk Southern Railroad in the City of Reading.
91908	North Third Street over Tulpehocken Creek	Project involves the rehabilitation or replacement of the PA 419 (North Third Street) bridge over the Tulpehocken Creek in Marion and Heidelberg Townships.

The TIP also addresses 40 more specific bridge repair or rehabilitation projects on lower order roadways and repairs to a further 15 bridges included as elements of highway improvement projects. Most significantly, the TIP contains the Final Design and initial year of construction phases for the proposed improvements to and reconstruction of the US 422 West Shore Bypass Phase 1, to be implemented beginning in FFY 2027. That project alone will replace seven large bridges with over 210,000 square feet of deck area and make repairs to three more with nearly 94,000 square feet of deck area. Subsequent phases of this reconstruction project will also include additional bridge upgrades.

While not specifically included in the Reading MPO TIP, Interstate improvements carried out by PennDOT are currently conducting a major rehabilitation / widening of the bridge carrying I-78 over the Schuylkill River, Industrial Drive, the Blue Mountain and Northern Railroad, and Port Clinton Avenue in Hamburg and Tilden Township. This project also replaced the bridge carrying PA 61 over I-78. One additional project to replace and widen the I-78 bridge over PA 143 and the Maiden creek is included in a state-wide P-3 project and will begin construction in 2024.

System Performance Measures (PM3)

Background

The FHWA final rule for the *National Performance Management Measures; Assessing Performance of the National Highway System, Freight Movement on the Interstate System, and Congestion Mitigation and Air Quality Improvement Program* was published in the Federal Register ([82 FR 5970](#)) on January 18, 2017 and became effective on May 20, 2017. This rule established six measures related to various aspects of the transportation system (commonly known as PM3). The current regulations are found at [23 CFR 490 Subparts E, F, G & H](#). Targets are established for these measures as part of a four-year performance period. This TIP includes projects that will impact the 2022-2025 performance period based on when projects are constructed or completed.

Data Source

The Regional Integrated Transportation Information System (RITIS) software platform is used to generate the travel time-based measures. Data from the American Community Survey (ACS) and FHWA's CMAQ annual reporting system are used for the non-SOV travel and mobile source emissions measures, respectively.

Travel Time and Annual Peak Hour Excessive Delay Targets

Measure	Baseline 2021	2-year Target 2023	4-year Target 2025
Interstate Reliability (Statewide)	92.8%	89.5%	89.5%
Non-Interstate Reliability (Statewide)	92.6%	88.0%	88.0%
Truck Reliability Index (Statewide)	1.30	1.40	1.40
Annual Peak Hour Excessive Delay Hours Per Capita (Urbanized Area)	<i>Pittsburgh</i> 9.3%	10.5%	10.5%
	<i>Reading</i> – 6.3%	6.5%	6.5%
	<i>Allentown</i> – 7.1%	8.4%	8.4%
	<i>Harrisburg</i> – 7.2%	9.1%	9.1%
	<i>York</i> – 5.0%	6.4%	6.5%
	<i>Lancaster</i> – 3.3%	3.7%	3.7%

Non-SOV Travel Measure Targets

Measure	Baseline 2021	2-year Target 2023	4-year Target 2025
Percent Non-Single Occupant Vehicle Travel (Urbanized Area)	<i>Philadelphia</i> - 30.6%	30.0%	30.0%
	<i>Pittsburgh</i> – 27.6%	27.0%	27.0%
	<i>Reading</i> – 22.8%	20.2%	20.2%
	<i>Allentown</i> – 20.4%	18.6%	18.6%
	<i>Harrisburg</i> – 21.3%	20.2%	20.2%
	<i>York</i> – 18.4%	15.8%	15.8%
	<i>Lancaster</i> – 20.5%	21.9%	21.9%
	<i>Philadelphia</i> - TBD	TBD	TBD
	<i>Pittsburgh</i> – TBD	TBD	TBD

CMAQ Emission Targets			
Measure	Baseline 2021	2-year Target 2023	4-year Target 2025
Total Emissions Reductions (kg/day) – PM2.5	269.080	18.000	36.000
Total Emissions Reductions (kg/day) -- NOx	1644.620	392.000	785.000
Total Emissions Reductions (kg/day) -VOC	360.220	46.000	93.000
Total Emissions Reductions (kg/day) - PM10	0.000	0.000	0.000
Total Emissions Reductions (kg/day) - CO	3791.360	0.000	0.000
Measure		2-year Target 2023	4-year Target 2025
		TBD	TBD
		TBD	TBD
		TBD	TBD
		TBD	TBD
		TBD	TBD

Methods for Developing Targets

The System Performance measure targets were established in coordination with MPOs/RPOs within the state. PennDOT continues to evaluate historic variances in performance measures in relation to project completion to assist with the target setting process.

Progress Towards Target Achievement and Reporting:

PennDOT and the Reading MPO continue efforts to ensure the TIP and LRTP are developed and managed to support the improvement of the reliability and CMAQ performance measures. This progress will be measured against the targets established for the 2022-2025 performance period. PennDOT continues to monitor the impacts of completed investments on performance measures to better evaluate investment strategies. These efforts include evaluating the causes of historic reliability and delay issues, identifying freight bottlenecks, and assessing completed projects that provided the most benefits to reliability.

PennDOT remains committed to expand and improve system mobility and integrate modal connections despite the large percentage of funding dedicated to infrastructure repair and maintenance. PennDOT’s LRTP provides objectives to address mobility across the transportation system that will guide investment decisions. The federal systems performance measures will be used to assess future progress in meeting these objectives and the associated targets.

PennDOT LRTP Mobility Goal and Objectives

MOBILITY

Strengthen transportation mobility to meet the increasingly dynamic needs of Pennsylvania residents, businesses, and visitors.

- Continue to improve system efficiency and reliability.
- Continue to improve public transportation awareness, access, and services throughout Pennsylvania.
- Provide and prioritize multimodal transportation choices to meet user needs, expand mobility options, and increase multimodal system capacity and connectivity.
- Implement regional transportation, land use standards, and tools that result in improved multimodal coordination and complementary development.
- Adapt to changing travel demands, including those associated with e-commerce and post-COVID-19 pandemic changes.
- Work with private sector partners to establish data standards for mobility services and their applications (e.g., Uber and Lyft, carsharing services, bikeshares, etc.)

The Reading MPO currently meets overall performance targets for Interstate Reliability, Non-Interstate Reliability and Truck Reliability Index. The Reading MPO is now subject to targets for Annual Peak Hour Excessive Delay Hours Per Capita.

Evaluation of TIP for Target Achievement:

The following has helped to ensure that planned projects in the TIP will help to achieve an improvement in the system performance measures for the statewide interstate and NHS road system:

- PennDOT and the Reading MPO continue to emphasize their Transportation Systems Management and Operations (TSMO) initiatives to program low-cost technology solutions to optimize infrastructure performance. This has included the development of Regional Operations Plans (ROPs) that integrate with the MPO Congestion Management Process (CMP) to identify TIP projects. A TSMO funding initiative was established in 2018 to further support these efforts.
- PennDOT has funded interstate projects to address regional bottlenecks. Mainline capacity increasing projects are limited to locations where they are needed most. These investments will provide significant improvements to mobility that support meeting the interstate and freight reliability targets.
- The statewide CMAQ program provides over \$480 million of funding on the STIP for projects that benefit regional air quality. PennDOT has worked with Districts and MPO/RPOs to develop more robust CMAQ project selection procedures to maximize the air quality benefits from these projects..
- Over \$210 million is provided in the STIP for multi-modal alternatives. This includes funding for transit operating costs, transit and rail infrastructure, support for regional carpooling and other bike and pedestrian infrastructure within the state. These projects provide opportunities to reduce vehicle miles of travel (VMT) and increase the percentage of non-single occupant vehicles.
- At this time, the potential impact of past and planned STIP investments on PM-3 performance measures are still being evaluated. The timeline for project implementation often prevents an assessment of measurable results until a number of years after project completion. PennDOT continues to monitor the impact of recently completed projects on the reliability and delay measures. As more data is obtained, these insights will help PennDOT and the Reading MPO in evaluating potential project impacts in relation to other factors including incidents and weather on system reliability and delay.

The Reading MPO will receive approximately \$17.4 million in CMAQ funding, \$1.6 million in Carbon Reduction Program (CRP) funding and \$3.0 million in Carbon Reduction Program-Urban (CRP-U) funding over the period FFY 2025-2028. The following projects using CMAQ funding were developed in cooperation between PennDOT and the Reading MPO using the MPO's CMAQ project selection process found in Appendix A:

MPMS #	Project	Description and Location
69335	RATS BARTA Flex	This project consists of Highway and Bridge “flexed” CMAQ funds to SCTA to assist in the replacement of Fixed Route Electric Hybrid busses which have exceeded their service life .
86420	Berks Commuter Services	This project funds the Transportation Demand Management program in Berks County that is administered by Commuter Services of PA. By helping commuters find alternatives to driving alone such as public transit, car/van pooling, bicycles and walking, traffic congestion can be reduced and air quality and safety can be increased.
79467	SR 12 Elizabeth Avenue	Project involves shoulder widening, removal of a narrow bridge, installation of a hybrid roundabout at Elizabeth Avenue and a traffic signal with realignment and a southbound left turn lane on PA 12 at Skyline Drive in Alsace Township.
110318	SR 12 Alsace Manor	Project involves shoulder widening and the addition of a center two-way left turn lane between the non-signalized intersections of Antietam Road (SR 2029) and Mount Laurel Road (SR 1004) including at the intersection with Woodside Avenue in Alsace Township
10815	SR 73 & Friedensburg Road (SR 2023)	Project involves intersection improvements to reconfigure and improve traffic flow at SR 73 (Memorial Highway) and SR 2023 (Friedensburg Road) in Oley Township.
90569	SR 222 and Long Lane (SR 1024)	Project involves the construction of a roundabout on US 222 at Long Lane (SR 1024) to improve safety and reduce congestion.
110075	SR 422 Ben Franklin Congested Corridor	Project involves the upgrade of 13 signalized intersections along US 422 (Ben Franklin Highway) between Pineland Road and River Bridge Road (SR 2077) in Exeter and Amity Townships.
117620	State Hill Road – Norfolk Southern RR to Penn Avenue	Project involves the conversion of the State Hill Road (SR 3023) intersection with Penn Avenue (SR 3422) (US 422 -B) into a roundabout to improve safety and reduce congestion in Wyomissing Borough

CRP and CRP-U funds were used to supplement the SR 12 Elizabeth Avenue and SR 422 Ben Franklin Congested Corridor projects.

In addition to the above, the following projects using non-CMAQ funding were also developed in cooperation between PennDOT and the Reading MPO to reduce congestion and improve safety:

MPMS #	Project	Description and Location
88781	SR 12 and SR 73	Project involves the installation of left turn lanes on all four approaches and signal retiming at the intersection of PA 73 and PA 12 in Ruscombmanor Township
61972	US 222 Widening	Project involves widening US 222 to four lanes and installing a median barrier from Schaeffer Road in Maiden creek Township to the Kutztown Bypass in Richmond Township. Roundabouts will be constructed at Us 222 intersections with Pleasant Hills Road and at Richmond Road.
87688	SR 422 Sinking Spring	Project involves re-alignment of intersections at US 422 (Penn Avenue) and PA 724 (Shillington Road) and SR 3055 (Mull Avenue) to reduce congestion in the Borough of Sinking Spring.
114439	West Shore Bypass – Phase 1	This project involves highway reconstruction and widening to six lanes of US 422 (West Shore Bypass) from the Buttonwood Street Bridge overpass in West Reading through the Lancaster Avenue (US 222-B) interchange in the City of Reading. This includes the reconfiguration of both the Penn Avenue / Penn Street interchange and the Lancaster Avenue interchange and the reconstruction of the Bingaman Street bridge. The project also includes the reconstruction of the US 422 bridges over the Schuylkill River and Norfolk Southern RR just west of the I-176 interchange in Cumru Township including an improved ramp connection from I-176. The project will also include preventative maintenance activities on US 422 bridges over Brentwood Drive, the Schuylkill River east of Lancaster Avenue and the Schuylkill River east of I-176. Only Right of Way acquisition costs are included in the TIP. The balance of the project, including construction is included in the LRTP with construction estimated to begin in FFY 2027.

SOUTH CENTRAL TRANSIT AUTHORITY**FFY 2025-2028 TRANSIT TIP UPDATE****TRANSIT PERFORMANCE MEASURES NARRATIVE DOCUMENTATION**

January 2024

**This information
can also be found in
Section 3 of this plan****Background on Transit Asset Management Plan**

The final rule on metropolitan and statewide planning, published in the Federal Register on May 27, 2016, addressed changes to the metropolitan planning process stemming from the Moving Ahead for Progress in the 21st Century Act (MAP-21) and the Fixing America's Surface Transportation Act (FAST) and discussed Performance Based Planning and Programming (PBPP).

As part of the implementation of the PBPP requirements, States, MPOs, and providers of public transportation must jointly agree upon and develop specific written provisions for cooperatively developing and sharing information related to transportation performance data, the selection of performance targets, and the reporting of performance targets, with the reporting of performance to be used in tracking progress toward attainment of critical outcomes for the MPO region.

As a Tier II provider as defined under the Transit Asset Management (TAM) final rule, the South Central Transit Authority (SCTA) decided to develop and maintain its own Transit Asset Management Plan (TAMP). SCTA's TAMP 2023 update was adopted by its Board in July 2023, by the Lancaster MPO in September 2023 and by the Reading MPO in September 2023. The TAMP outlines the performance measures, targets, and implementation strategies SCTA will use to maintain its transit system assets. The TAMP also outlined the Authority's performance philosophy and policy, and covered performance management related to Rolling Stock, Facilities and Equipment used by SCTA in providing service.

The goal of the TAMP is for SCTA to reach and maintain a state of good repair for all of its capital assets through the Performance Based Planning and Programming process. Annually, a Performance Target is to be developed for the three Asset Classes the FTA has identified in its implementing guidelines. The expectation is that by achieving the annual Performance Targets SCTA will reach and maintain a state of good repair for the Asset Class identified.

Performance Targets

The TAM process requires SCTA to annually set performance measure targets and report performance against those targets. Required measures are:

- Rolling Stock – Percentage of revenue vehicles within a particular vehicle asset class past their Useful Life Benchmark (ULB) (age only)
- Facilities – Percentage of facilities that are below a 3 on the Transit Economic Recovery Model (TERM) Scale
- Equipment – Percentage of non-revenue, support-service and maintenance vehicles and equipment with a value of \$50,000 or more past their ULB (age only)

SCTA's Performance Targets are authority-wide and reflect consideration of Rolling Stock, Facilities and Equipment supporting its Lancaster (RRTA) and Reading (BARTA) operations. It was decided to prepare

authority-wide targets, since SCTA is required to report its National Transit Database (NTD) data as SCTA with the RRTA and BARTA operating information combined.

In addition, SCTA presents its Performance Targets for Rolling Stock in three separate groups: Fixed Route Buses/Directly Operated, Shared Ride Vehicles/Directly Operated and Shared Ride Vehicles/Purchased Transportation.

Annual performance measure targets are developed by SCTA for each asset class. The update of the performance targets is based on an annual inventory to provide a current picture of each asset, the prior year's performance and anticipated/obligated funding levels for the upcoming fiscal year available to advance the planned projects in each asset class.

The performance targets are approved by SCTA's Executive Director as the Plan's Accountable Executive. Coordination occurs with the Lancaster and Reading MPO's on the report and adoption of the performance targets by the SCTA Board and the MPO Boards.

Performance targets, and how those targets translate into project prioritization, is discussed in the TAMP. The SCTA TAMP is available on the SCTA website under the "About" tab at www.sctapa.com.

Public Transportation Agency Safety Plans

The FTA issued a final rule on Public Transportation Agency Safety Plans (PTASP), effective July 19, 2019. The PTASP final rule (49 C.F.R. Part 673) is meant to enhance safety by creating a framework for transit agencies to manage safety risks in their organization. It requires recipients of FTA funding to develop and implement safety plans that support the implementation of Safety Management Systems (SMS).

As part of the plan development process, performance targets must be established for the following areas:

1. Fatalities,
2. Injuries,
3. Safety Events, and
4. System Reliability.

SCTA developed its own PTASP in accordance with the final rule. SCTA's initial Safety Plan and Safety Performance Targets were adopted by the SCTA Board and the Berks and Lancaster MPO's in January 2020. As required by FTA guidelines, the Safety Plan is updated annually along with the preparation of the annual Safety Performance Targets. The updated Safety Plan and CY 2024 Performance Targets were adopted by the SCTA Board and the Berks and Lancaster MPO's in January 2024.

Safety has always been a factor in SCTA's selection of capital projects to advance for funding in a fiscal year. The approved Safety Plan and its safety measures and targets will inform the prioritization of capital projects for advancement and the selection of projects for inclusion in the Transit TIP.

Development of FFY 2025-2028 Transit TIP

SCTA prepares a 20-year Long-Range Capital Improvement Program based on the Asset Inventory, Condition Assessment, and project based prioritization process described in SCTA's TAMP. The first four year years of the Long-Range Capital Improvement Program became the basis for identifying projects for inclusion in the proposed FFY 2025-2028 Transit TIP. As the TIP was being developed, consideration was given to the financial guidance provided for the development of the TIP; how the projects will contribute to achieving the performance targets in each asset class and maintain SCTA's Rolling Stock, Facilities and Equipment in a state-of-good- repair; and the impact the project will have on safety. The proposed FFY 2025-2028 Transit TIP

does not reflect any increased funding SCTA will receive as part of the Infrastructure Investment and Jobs Act (IIJA). Additional projects will be programmed pending confirmation of the increased level of funding and the review and development of plans to invest the additional funds.

SCTA's Long-Range Capital Improvement Program also programs funding for the purchase of support and maintenance equipment with a value of \$1,408,018. These projects include Computer Hardware/Software Upgrades (IT Equipment) and Purchase Shop/Maintenance Equipment. These projects are important to fund and advance in order to operate safely and efficiently and maintain the SCTA system in a state-of-good-repair.

Overall, the implementation of the proposed projects included in the FFY 2025-2028 Transportation Improvement Program are expected to assure SCTA achieves its goal of maintaining its Rolling Stock, Facilities and Equipment in a state-of-good-repair, achieve the current or higher Performance Targets in the future and address long-term operating and capital improvement needs.

Highway and Bridge Projects

Project Descriptions

Project listings typically include the following information: MPMS#; project title; project route and section numbers; improvement type; geographic limits of the project; and a narrative description of the project. Each project listing also provides information on the total program period cost, cost by fiscal year, phase of work, and funding sources. Costs are shown in thousands of dollars.

Project descriptions are arranged based on their mapped MPMS number. Certain projects that have no specific location or are line items that reserve funds for future assignment to specific projects are not mapped.

Project Maps

The maps on pages 89 through 99 show the location of the projects included in the FFY 2025–2028 Transportation Improvement Program for the Reading MPO area (Berks County). Highway, Bridge, Enhancement, Interstate Management and Transit projects are shown on six maps - Map 1, showing the entire county and Maps 2 through 6 showing each of the five planning regions of the County. Projects are referenced according to their PENNDOT “MPMS Number” and are keyed to the preceding pages.

PennDOT Project Visualization

In addition to the material included in this document, PennDOT has created an internet-based mapping tool that allows interested parties to view the projects included in the TIP and to obtain more information about a proposed project. The following link is specific to the Reading MPO’s FFY 2025-2028 TIP. Users may zoom in or out to view project locations. Clicking on the project provides a pop-up screen giving project specific information. To view this tool, click here or type / paste the following address in your browser: <https://gis.penndot.gov/OneMap/?map-id=80415>

Codes and Abbreviations

Various codes and abbreviations are used in the project descriptions, particularly for the phase of work and the source of funds. These codes and abbreviations are explained below.

Phase of Work

CON	Construction
FD	Final Design
PE	Preliminary Engineering
ROW	Right-of-way Acquisition
UTL	Utility

Funding Sources

Highway and Bridge

179	State – Local Bridge Construction
183	State – Local Bridge Construction
185	State – State Bridge Construction
409	State – Highway Expanded Maintenance
581	State – Highway Construction
582	State – Highway Maintenance
BRIP	Federal – Bridge Formula Investment Program
BOF	Federal – Bridge Construction (Off NHS System)
CAQ	Federal – Congestion Mitigation / Air Quality (CMAQ)
CRP	Federal – Carbon Reduction Program
EV	Federal – National Electric Vehicle Infrastructure Formula Program
HSIP	Federal – Highway Safety Improvement Program
NHPP	Federal – National Highway Performance Program
NFP	Federal – National Highway Freight Program
RRX	Federal – Rail / Highway Grade Crossings Hazard Elimination
STP	Federal – Surface Transportation Program
STU	Federal – Surface Transportation Program - Urban
SXF	Federal – Special Funding from Congressional Earmarks
TAP	Federal – Transportation Alternatives Program
TAU	Federal – Transportation Alternatives Program - Urban
TOLL	Federal – Funds from toll credits
LOC	Local

Reading MPO – Projects from FFY 2023-2026 TIP That Have Been Implemented

<u>MPMS#</u>	<u>Project Description</u>	<u>Implementation Status</u>
86420	Berks Commuter Services	Annual
91658	Traffic Operations Center Operator – Berks	Annual
94900	Freeway Service Patrol	Annual
114484	RATS All Weather Pavement Markings (2023)	Completed
114407	RATS High Friction Surface Treatment (2023)	Completed
116752	TSMO Dynamic “Curve Warning” Message Signs	Completed
116752	Signal Backplate Updates	Completed
114391	RATS Bridge Overlay Bundle #2	Completed
110006	RATS Bridge Preservation #7	Completed
110032	RATS Bridge Preservation #8	Completed
70274	River Road Extension	Completed
89215	PA 12 West Resurface 422 Ramps to SR 183	Completed
92414	SR 222 at SR 73 & Genesis Drive	Completed
110007	SR 222 Warren Street Wyomissing	Completed
110009	SR 222 from SR 61 to BUS 222	Completed
79086	SR 568 Green Hill Rd over Allegheny Creek	Completed
10588	SR 1017 Stumps Bridge over Kistler Creek	Completed
102162	SR 2014 Spring Street Corridor Improvements	Completed
110206	SR 2033 Gibraltar Road & Shelbourne Intersection	Completed
113835	SR 3032 Carbon Street Resurface - SR 12 to SR 183	Completed
113838	SR 3034 Butler Street Resurface – SR 12 to SR 183	Completed
110082	SR 4040 Old Route 22 Tulpehocken	Completed
107978	Schuylkill River Trail N Gap Imp Project TASA	Completed
111504	Topton Pedestrian Connectivity TASA	Completed
103884	Gibraltar Road Bridge	Completed
110247	Glendale Bridge	Completed
119419	RATS Vulnerable Road User Project – Tier 1	Under Construction
888781	SR 12 and SR 73	Under Construction
91932	SR 2023 Carsonia Avenue Bridge over Antietam Creek	Under Construction
10616	SR 2032 Chestnut St Bridge over Br. W. Swamp Creek	Under Construction
102959	Peach Street Bridge	Under Construction
106140	Reading NS RRX Corridor	Est. Construction 2024

Reading MPO – Projects From FFY 2019-2023 TIP That Have Experienced Significant Delays

MPMS#	Project Description	Reason For Delay	New Est. Let Date
90569	SR 222 & Long Lane Intersection	Design / ROW Issues	July, 2024
10527	SR 2016 (Bellevue Ave) Bridge over RBMN RR	Cultural Resources / Railroad	February, 2025

Date: 3/13/2024
9:37:09AM

Reading MPO TIP - Highway & Bridge Projects

Berks

PennDOT Project Id: 10328 **New To Planned TIP:** **Air Quality Status:** Exempt from Regional Conformity Analysis
Project Administrator: PENNDOT **Air Quality Exempt Reason:** S10 - Pavement resurfacing and/or rehabilitation
Improvement Type: Restoration **Title:** PA 61 Restoration Phase 2A
Municipality: Hamburg (BORO) **State Route:** 61
Estimated Construction Bid Date: 9/14/2023
Actual Construction Bid Date: 9/14/2023
Location: Hamburg Borough
 Berks County

Project Description: Highway restoration of State Route (SR) 61 from 4th Street to the SR 4028(West State Street)/Schuylkill River Bridge in Hamburg Borough, Berks County. Median barrier will be installed between 4th Street and Grand Street. The project also includes the rehabilitation of both the SR 61 over Reading Blue Mountain & Northern (RBMN) bridge and the SR 61 over Mill Creek bridge, and the replacement of the SR 61 over Kaerchers Creek bridge.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Construction	NHPP	\$486	\$0	\$0	\$0	\$0	\$0
Construction	STU	\$30	\$0	\$0	\$0	\$0	\$0
Construction	581	\$129	\$0	\$0	\$0	\$0	\$0
	Federal:	\$516	\$0	\$0	\$0	\$0	\$0
	State:	\$129	\$0	\$0	\$0	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
		2025	2026	2027	2028	2029 - 2032	2033 - 2036
	Period Totals:	\$645	\$0	\$0	\$0	\$0	\$0
	Total FFY 2025-2036 Cost	\$645					

PennDOT Project Id: 10527 **New To Planned TIP:** **Air Quality Status:** Exempt from Regional Conformity Analysis
Project Administrator: PENNDOT **Air Quality Exempt Reason:** S19 - Widen narw. pave. or recon brdgs (No addtl lanes)
Improvement Type: Bridge Replacement **Title:** Bellevue Avenue over Reading Blue Mtn & Northern
Municipality: Muhlenberg (TWP) **State Route:** 2016
Estimated Construction Bid Date: 2/27/2025
Actual Construction Bid Date:
Location: SR 2016 over Reading Blue Mountain and Northern Railroad
 Muhlenberg Township
 Berks County

Project Description: This project involves a bridge replacement on State Route (SR) 2016 (Bellevue Avenue) over the Reading Blue Mountain and Northern Railroads in Muhlenberg Township, Berks County.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Construction	BRIP	\$3,000	\$1,944	\$0	\$0	\$0	\$0
Construction	185	\$750	\$486	\$0	\$0	\$0	\$0
	Federal:	\$3000	\$1944	\$0	\$0	\$0	\$0
	State:	\$750	\$486	\$0	\$0	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
		2025	2026	2027	2028	2029 - 2032	2033 - 2036
	Period Totals:	\$3,750	\$2,430	\$0	\$0	\$0	\$0
	Total FFY 2025-2036 Cost	\$6,180					

Date: 3/13/2024
9:37:09AM

Reading MPO TIP - Highway & Bridge Projects

PennDOT Project Id: 10613

New To Planned TIP:

Air Quality Status: Exempt from Regional Conformity Analysis

Project Administrator: PENNDOT

Air Quality Exempt Reason: S19 - Widen narw. pave. or recon brdgs (No addtl lanes)

Improvement Type: Replace/Rehab

Title: 5th Street Bridge over NS RR

Municipality: Reading (CITY)

State Route: 2005

Estimated Construction Bid Date: 6/29/2028

Actual Construction Bid Date:

Location: SR 2005 (Fifth Street) over NFS RR
City of Reading

Project Description: This project involves the Fifth Street Bridge replacement/rehabilitation over Norfolk Southern Railroad (NS RR) in the City of Reading, Berks County.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Final Design	BRIP	\$0	\$250	\$350	\$37	\$0	\$0
Final Design	185	\$0	\$63	\$88	\$9	\$0	\$0
Right of Way	NHPP	\$0	\$30	\$37	\$17	\$0	\$0
Right of Way	185	\$0	\$8	\$9	\$4	\$0	\$0
Construction	BRIP	\$0	\$0	\$0	\$0	\$1,001	\$0
Construction	STU	\$0	\$0	\$0	\$250	\$1,000	\$0
Construction	185	\$0	\$0	\$0	\$63	\$500	\$0
Utility	NHPP	\$0	\$0	\$0	\$45	\$0	\$0
Utility	185	\$0	\$0	\$0	\$11	\$0	\$0
Federal:		\$0	\$280	\$387	\$349	\$2001	\$0
State:		\$0	\$71	\$97	\$87	\$500	\$0
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		\$0	\$351	\$484	\$436	\$2,501	\$0
Total FFY 2025-2036 Cost		\$3,772					

PennDOT Project Id: 10700

New To Planned TIP:

Air Quality Status: Exempt from Regional Conformity Analysis

Project Administrator: PENNDOT

Air Quality Exempt Reason: S19 - Widen narw. pave. or recon brdgs (No addtl lanes)

Improvement Type: Bridge Replacement

Title: Main Street over Allegheny Creek

Municipality: Robeson (TWP)

State Route: 724

Estimated Construction Bid Date: 4/10/2025

Actual Construction Bid Date:

Location: Main Street (PA 724) over Allegheny Creek
important connection between Gibraltar and I-176
Robeson Township
Berks County

Project Description: This project involves a bridge replacement on State Route 724 (Main Street) over Allegheny Creek in Robeson Township, Berks County.
The existing one-span rolled steel I-beam bridge is proposed to be replaced with a single span spread prestressed concrete beam superstructure.
Full depth roadway work will extend approximately 70 feet along the western approach and 40 feet along the eastern approach.
This work will include pavement and guiderail replacement and side slopes will be stabilized with rock.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Construction	BRIP	\$750	\$898	\$0	\$0	\$0	\$0
Construction	185	\$188	\$225	\$0	\$0	\$0	\$0
Utility	BRIP	\$412	\$0	\$0	\$0	\$0	\$0
Utility	185	\$103	\$0	\$0	\$0	\$0	\$0
Federal:		\$1162	\$898	\$0	\$0	\$0	\$0
State:		\$291	\$225	\$0	\$0	\$0	\$0
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		\$1,453	\$1,123	\$0	\$0	\$0	\$0
Total FFY 2025-2036 Cost		\$2,576					

Date: 3/13/2024
9:37:09AM

Reading MPO TIP - Highway & Bridge Projects

PennDOT Project Id: 10702

New To Planned TIP:

Air Quality Status: Exempt from Regional Conformity Analysis

Project Administrator: PENNDOT

Air Quality Exempt Reason: S19 - Widen narw. pave. or recon brdgs (No addtl lanes)

Improvement Type: Bridge Replacement

Title: Tilden Road Bridge

Municipality: Centre (TWP)

State Route: 4015

Estimated Construction Bid Date: 3/27/2025

Actual Construction Bid Date:

Location: SR 4015 over a trib to Irish Creek
Centre Twp
Berks County

Project Description: This project involves bridge replacement on State Route 4015 (Tilden Road) over a tributary to Irish Creek in Centre Township, Berks County.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Construction	185	\$300	\$730	\$0	\$0	\$0	\$0
	Federal:	\$0	\$0	\$0	\$0	\$0	\$0
	State:	\$300	\$730	\$0	\$0	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	\$300	\$730	\$0	\$0	\$0	\$0
Total FFY 2025-2036 Cost		\$1,030					

PennDOT Project Id: 10751

New To Planned TIP:

Air Quality Status: Exempt from Regional Conformity Analysis

Project Administrator: PENNDOT

Air Quality Exempt Reason: S19 - Widen narw. pave. or recon brdgs (No addtl lanes)

Improvement Type: Bridge Rehabilitation

Title: Funk Road over Trib to Ironstone Creek

Municipality: Colebrookdale (TWP)

State Route: 2045

Estimated Construction Bid Date: 11/5/2026

Actual Construction Bid Date:

Location: Funk Road (SR 2045) over a tributary of Ironstone Creek
Colebrookdale Township
Berks County

Project Description: Rehabilitation or replacement of the structure carrying Funk Road (State Road 2045) over a tributary of Ironstone Creek in Colebrookdale Township, Berks County.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Final Design	BRIP	\$100	\$147	\$0	\$0	\$0	\$0
Final Design	185	\$25	\$37	\$0	\$0	\$0	\$0
Construction	BRIP	\$0	\$0	\$800	\$293	\$0	\$0
Construction	185	\$0	\$0	\$200	\$73	\$0	\$0
Utility	185	\$0	\$0	\$55	\$0	\$0	\$0
Right of Way	BRIP	\$0	\$42	\$0	\$0	\$0	\$0
Right of Way	185	\$0	\$11	\$0	\$0	\$0	\$0
	Federal:	\$100	\$189	\$800	\$293	\$0	\$0
	State:	\$25	\$48	\$255	\$73	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	\$125	\$237	\$1,055	\$366	\$0	\$0
Total FFY 2025-2036 Cost		\$1,783					

Date: 3/13/2024
9:37:09AM

Reading MPO TIP - Highway & Bridge Projects

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PennDOT Project Id: 10753

New To Planned TIP:

Air Quality Status: Exempt from Regional Conformity Analysis

Project Administrator: PENNDOT

Air Quality Exempt Reason: S19 - Widen narw. pave. or recon brdgs (No addtl lanes)

Improvement Type: Bridge Replacement

Title: Weavertown Road Bridge

Municipality: Amity (TWP)

State Route: 2041

Estimated Construction Bid Date: 3/30/2023

Actual Construction Bid Date: 3/23/2023

Location: SR 2041 over Monocacy Creek
Amity Township
Berks County

Project Description: This project involves a bridge replacement on State Route 2041 (Weavertown Road) over Monocacy Creek in Amity Township, Berks County.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Construction	BOF	\$80	\$0	\$0	\$0	\$0	\$0
Construction	185	\$20	\$0	\$0	\$0	\$0	\$0
	Federal:	\$80	\$0	\$0	\$0	\$0	\$0
	State:	\$20	\$0	\$0	\$0	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
		2025	2026	2027	2028	2029 - 2032	2033 - 2036
	Period Totals:	\$100	\$0	\$0	\$0	\$0	\$0
Total FFY 2025-2036 Cost		\$100					

PennDOT Project Id: 10774

New To Planned TIP:

Air Quality Status: Exempt from Regional Conformity Analysis

Project Administrator: PENNDOT

Air Quality Exempt Reason: S19 - Widen narw. pave. or recon brdgs (No addtl lanes)

Improvement Type: Bridge Replacement

Title: Parkview Road Bridge

Municipality: St Lawrence (BORO)

State Route: 7417

Estimated Construction Bid Date: 4/1/2027

Actual Construction Bid Date:

Location: Parkview Road
St. Lawrence Borough
Berks County

Project Description: Bridge Replacement of State Route 7417(Parkview Road) Bridge over Antietam Creek in St. Lawrence Borough, Berks County

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Final Design	BOF	\$0	\$0	\$0	\$0	\$325	\$0
Final Design	LOC	\$0	\$0	\$0	\$0	\$19	\$0
Final Design	183	\$0	\$0	\$0	\$0	\$57	\$0
Right of Way	BOF	\$0	\$0	\$0	\$0	\$93	\$0
Right of Way	LOC	\$0	\$0	\$0	\$0	\$6	\$0
Right of Way	183	\$0	\$0	\$0	\$0	\$17	\$0
Construction	BOF	\$0	\$0	\$0	\$0	\$1,911	\$0
Construction	LOC	\$0	\$0	\$0	\$0	\$119	\$0
Construction	183	\$0	\$0	\$0	\$0	\$351	\$0
Preliminary Engineering	BOF	\$0	\$0	\$132	\$283	\$0	\$0
Preliminary Engineering	LOC	\$0	\$0	\$8	\$18	\$0	\$0
Preliminary Engineering	183	\$0	\$0	\$25	\$53	\$0	\$0
Utility	BOF	\$0	\$0	\$0	\$0	\$24	\$0
Utility	LOC	\$0	\$0	\$0	\$0	\$1	\$0
Utility	183	\$0	\$0	\$0	\$0	\$4	\$0
	Federal:	\$0	\$0	\$132	\$283	\$2353	\$0
	State:	\$0	\$0	\$25	\$53	\$429	\$0
	Local/Other:	\$0	\$0	\$8	\$18	\$145	\$0
		2025	2026	2027	2028	2029 - 2032	2033 - 2036
	Period Totals:	\$0	\$0	\$165	\$354	\$2,927	\$0
Total FFY 2025-2036 Cost		\$3,446					

Date: 3/13/2024
9:37:09AM

Reading MPO TIP - Highway & Bridge Projects

PennDOT Project Id: 10815 New To Planned TIP: Air Quality Status: Exempt from Regional Conformity Analysis
 Project Administrator: PENNDOT Air Quality Exempt Reason: R1 - Intersection channelization projects
 Improvement Type: Intersection Improvement Title: SR 73 & Friedensburg Road (SR 2023)
 Municipality: Oley (TWP) State Route: 73

Estimated Construction Bid Date:

Actual Construction Bid Date:

Location: PA 73 (Memorial Highway) at SR 2023 (Friedensburg Road)
Oley Township
Berks County

Project Description: This project is for intersection improvements to reconfigure and improve traffic flow at SR 73 (Memorial Highway) and SR 2023 (Friedensburg Road) in Oley Township, Berks County.

Air Quality Description: Existing signalized intersection peak hour traffic on SR 2023 (Friedensburg Road) occurs from elementary and middle schools as well as a career and technology center causing congestion without separate turn lanes.

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Final Design	CAQ	\$0	\$0	\$0	\$0	\$382	\$0
Final Design	581	\$0	\$0	\$0	\$0	\$96	\$0
Right of Way	CAQ	\$0	\$0	\$0	\$0	\$478	\$0
Right of Way	581	\$0	\$0	\$0	\$0	\$119	\$0
Construction	CAQ	\$0	\$0	\$0	\$0	\$3,936	\$0
Construction	581	\$0	\$0	\$0	\$0	\$984	\$0
Preliminary Engineering	CAQ	\$0	\$0	\$0	\$200	\$250	\$0
Preliminary Engineering	581	\$0	\$0	\$0	\$50	\$63	\$0
Utility	CAQ	\$0	\$0	\$0	\$0	\$74	\$0
Utility	581	\$0	\$0	\$0	\$0	\$18	\$0
Federal:		\$0	\$0	\$0	\$200	\$5120	\$0
State:		\$0	\$0	\$0	\$50	\$1280	\$0
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		\$0	\$0	\$0	\$250	\$6,400	\$0
Total FFY 2025-2036 Cost		\$6,650					

PennDOT Project Id: 10859 New To Planned TIP: Air Quality Status: Exempt from Regional Conformity Analysis
 Project Administrator: PENNDOT Air Quality Exempt Reason: S19 - Widen narw. pave. or recon brdgs (No addtl lanes)
 Improvement Type: Replace/Rehab Title: Race Street over Swamp Creek
 Municipality: Bechtelsville (BORO) State Route: 2032

Estimated Construction Bid Date: 9/25/2025

Actual Construction Bid Date:

Location: SR 2032 (Race Street) over Swamp Creek
Bechtelsville Borough /Washington Township
Berks County

Project Description: This project includes the Utility and Right of Way phases for the replacement / rehabilitation of State Route 2032 (Race Street) over Swamp Creek in Bechtelsville Borough and Washington Township, Berks County. Preliminary Engineering, Final Design and Construction phases are being completed under the Berks Box Culvert Bundle, MPMS #110011.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Utility	185	\$27	\$0	\$0	\$0	\$0	\$0
Federal:		\$0	\$0	\$0	\$0	\$0	\$0
State:		\$27	\$0	\$0	\$0	\$0	\$0
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		\$27	\$0	\$0	\$0	\$0	\$0
Total FFY 2025-2036 Cost		\$27					

Date: 3/13/2024
9:37:09AM

Reading MPO TIP - Highway & Bridge Projects

PennDOT Project Id: 10867

New To Planned TIP:

Air Quality Status: Exempt from Regional Conformity Analysis

Project Administrator: PENNDOT

Air Quality Exempt Reason: R1 - Intersection channelization projects

Improvement Type: Restoration

Title: PA 61 Restoration Phase 2B

Municipality: Hamburg (BORO)

State Route: 61

Estimated Construction Bid Date: 7/24/2025

Actual Construction Bid Date:

Location: State Route 61 from Zions Church Road to the SR 0061/4th Street intersection
Hamburg Borough and Windsor & Perry Townships
Berks County

Project Description: This project involves the highway restoration of State Route (SR) 61 and median barrier installation from Zions Church Road to the SR 0061/4th Street intersection area in Hamburg Borough, Windsor Township and Perry Township, Berks County, including reconfiguration of the 4th Street intersection and extension of Hawk Ridge Road to SR 61.

Air Quality Description: MPO staff confirms that a new public street extension is being added, though it is less than 0.1 mile in length essentially through an existing car dealership parking lot and will serve as one leg in a reconfigured SR 0061/4th Street intersection and therefore not capacity adding.

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Construction	NHPP	\$3,000	\$1,000	\$1,000	\$416	\$0	\$0
Construction	STP	\$950	\$0	\$0	\$0	\$0	\$0
Construction	STU	\$5,000	\$375	\$500	\$500	\$0	\$0
Utility	NHPP	\$42	\$0	\$0	\$0	\$0	\$0
Utility	581	\$11	\$0	\$0	\$0	\$0	\$0
Federal:		\$8992	\$1375	\$1500	\$916	\$0	\$0
State:		\$11	\$0	\$0	\$0	\$0	\$0
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		\$9,003	\$1,375	\$1,500	\$916	\$0	\$0
Total FFY 2025-2036 Cost		\$12,794					

PennDOT Project Id: 10943

New To Planned TIP:

Air Quality Status: Exempt from Regional Conformity Analysis

Project Administrator: PENNDOT

Air Quality Exempt Reason: S19 - Widen narw. pave. or recon brdgs (No addtl lanes)

Improvement Type: Replace/Rehab

Title: Morgantown Road over trib Conestoga Creek

Municipality: New Morgan (BORO)

State Route: 10

Estimated Construction Bid Date: 3/14/2024

Actual Construction Bid Date:

Location: PA 10 (Morgantown Road) over a tributary to Conestoga Creek
Caernarvon Township & New Morgan Borough
Berks County

Project Description: This project involves the bridge rehabilitation via superstructure replacement of Pennsylvania State Route 10 (Morgantown Road) over a tributary to Conestoga Creek in Caernarvon Township & New Morgan Borough, Berks County. The existing superstructure will be replaced with steel beam precast concrete deck modules supported on the existing concrete gravity wall abutments. Roadway improvements include full depth reconstruction, guiderail upgrades, updated signage, and miscellaneous safety improvements.

PA 10 (Morgantown Road) is expected to be closed for 10 days during construction in order to complete project using Accelerated Bridge Construction techniques. A 0.9-mile car detour will be posted using municipal roads (Quarry Road and Morgan Way). Truck traffic will be detoured onto I-176 (Morgantown Expressway) and PA 10 (Morgantown Road) during construction. The detour will be approximately 15 miles for northbound truck traffic and 18 miles for southbound truck traffic.

The bridge is located approximately 1000 feet east of the interchange with I-176 (Morgantown Expressway).

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Construction	BRIP	\$293	\$0	\$0	\$0	\$0	\$0
Construction	STP	\$73	\$0	\$0	\$0	\$0	\$0
Federal:		\$366	\$0	\$0	\$0	\$0	\$0
State:		\$0	\$0	\$0	\$0	\$0	\$0
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		\$366	\$0	\$0	\$0	\$0	\$0
Total FFY 2025-2036 Cost		\$366					

Date: 3/13/2024
9:37:09AM

Reading MPO TIP - Highway & Bridge Projects

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PennDOT Project Id: 61972

New To Planned TIP:

Air Quality Status: Significant: Included in regional conformity analysis

Project Administrator: PennDOT

Improvement Type: Widen

Title: US 222 Widening

Municipality: Maiden Creek (TWP)

State Route: 222

Estimated Construction Bid Date: 7/30/2026

Actual Construction Bid Date:

Location: US 222 from Schaeffer Road to the Kutztown Bypass
Richmond, Maidencreek, and Maxatawny Townships
Berks County

Project Description: This project involves the widening of US Route 222 from Schaeffer Road to the Kutztown Bypass in Richmond, Maidencreek and Maxatawny Townships, Berks County. The highway will be widened to four lanes, a median barrier will be installed, as well as roundabouts at Pleasant Hills Road and Richmond Road. Bridge replacement on US Route 222 over the tributary to Moselem Creek.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Construction	BRIP	\$0	\$1,000	\$2,375	\$0	\$0	\$0
Construction	HSIP	\$0	\$1,450	\$0	\$0	\$2,700	\$0
Construction	NHPP	\$0	\$4,250	\$1,500	\$3,550	\$14,379	\$0
Construction	STP	\$0	\$13,517	\$0	\$300	\$5,800	\$0
Construction	STU	\$0	\$2,150	\$2,000	\$4,350	\$2,800	\$0
Construction	185	\$0	\$0	\$675	\$0	\$0	\$0
Construction	581	\$0	\$4,909	\$3,200	\$2,050	\$5,745	\$0
Federal:		\$0	\$22367	\$5875	\$8200	\$25679	\$0
State:		\$0	\$4909	\$3875	\$2050	\$5745	\$0
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		\$0	\$27,276	\$9,750	\$10,250	\$31,424	\$0
Total FFY 2025-2036 Cost		\$78,700					

PennDOT Project Id: 69335

New To Planned TIP: Y

Air Quality Status: Exempt from Regional Conformity Analysis

Project Administrator: PennDOT

Air Quality Exempt Reason: M10 - Purch new buses & cars for replment or mnr expan.

Improvement Type: Transit System Improvement

Title: RATS BARTA Flex

Municipality:

State Route: 0

Estimated Construction Bid Date:

Actual Construction Bid Date:

Location: Berks County

Project Description: This project consists of Highway and Bridge "flexed" CMAQ funds for the replacement of four (4) 2010 Fixed Route Electric Hybrid buses with 2022 Electric Hybrid buses.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Construction	CAQ	\$0	\$0	\$450	\$900	\$3,600	\$3,600
Federal:		\$0	\$0	\$450	\$900	\$3600	\$3600
State:		\$0	\$0	\$0	\$0	\$0	\$0
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		\$0	\$0	\$450	\$900	\$3,600	\$3,600
Total FFY 2025-2036 Cost		\$8,550					

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Reading MPO TIP - Highway & Bridge Projects

PennDOT Project Id: 72814

New To Planned TIP: Y

Air Quality Status: Significant: Included in regional conformity analysis

Project Administrator: PennDOT

Improvement Type: Reconstruct

Municipality: Wyomissing (BORO)

Title: West Shore (US 422) Reconstruction Phase 2

State Route: 422

Estimated Construction Bid Date: 10/31/2030

Actual Construction Bid Date:

Location: US 422 (West Shore Bypass) from PA 12 to east of I-176 over the Schuylkill River in Wyomissing and West Reading Boroughs, the City of Reading, Cumru and Exeter Townships, Berks County.

Project Description: This project involves highway reconstruction/widening of US Route 422 (the West Shore Bypass) from PA 12 to the Schuylkill River Bridge east of Interstate 176 in Wyomissing and West Reading Boroughs, the City of Reading, Cumru and Exeter Townships, Berks County. The project will include widening of the roadway for a length of 5.5 miles to accommodate three travel lanes in each direction between the Warren Street Bypass and the Interstate 176 interchange. There will also be reconstruction of four travel lanes between the Interstate 176 interchange and the Schuylkill River Bridge east of the Interstate 176 interchange. The Penn Street and Lancaster Avenue interchanges will be realigned and reconstructed, while the Wyomissing and Interstate 176 interchanges will be reconstructed. This project will also include reconstruction of the Bingaman Street Bridge. This project includes completion of preliminary engineering for the entire corridor. Details for Phase 1 can be found under MPMS 114439.

Construction commencement of phase 2 is undetermined at this time due to fiscal constraint/resources.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Construction	NHPP	\$0	\$0	\$0	\$0	\$15,900	\$40,331
Construction	STP	\$0	\$0	\$0	\$0	\$10,000	\$21,000
Construction	STU	\$0	\$0	\$0	\$0	\$12,000	\$9,000
Construction	581	\$0	\$0	\$0	\$0	\$9,475	\$17,583
Final Design	NHPP	\$0	\$0	\$1,000	\$2,500	\$6,116	\$0
Final Design	581	\$0	\$0	\$250	\$625	\$1,529	\$0
Utility	NHPP	\$0	\$0	\$0	\$0	\$2,165	\$0
Utility	581	\$0	\$0	\$0	\$0	\$541	\$0
Right of Way	NHPP	\$0	\$0	\$30	\$250	\$594	\$0
Right of Way	581	\$0	\$0	\$8	\$63	\$149	\$0
Federal:		\$0	\$0	\$1030	\$2750	\$46775	\$70331
State:		\$0	\$0	\$258	\$688	\$11694	\$17583
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		\$0	\$0	\$1,288	\$3,438	\$58,469	\$87,914
Total FFY 2025-2036 Cost		\$151,109					

PennDOT Project Id: 79467

New To Planned TIP:

Air Quality Status: Significant: Included in regional conformity analysis

Project Administrator: PennDOT

Improvement Type: Safety Improvement

Municipality: Alsace (TWP)

Title: SR 12 Elizabeth Avenue

State Route: 12

Estimated Construction Bid Date: 4/23/2026

Actual Construction Bid Date:

Location: Intersection of Route 12 and Hill View Road/Elizabeth Ave. and along the Route 12 Corridor from Hill View Road/Elizabeth Ave. to Skyline Drive
Alsace Township
Berks County

Project Description: This project involves safety improvements along the State Route 12 corridor from Hill View Road/Elizabeth Avenue to Skyline Drive (SR 2027) in Alsace Township, Berks County. The proposed corridor improvements include shoulder widening, utility relocation, embankment removal to improve curve sight distance, and super elevate curves. Additional proposed improvements include a hybrid roundabout at SR 12 and Hill View Road / Elizabeth Avenue, a traffic signal with realignment at Skyline Drive, and addition of a left turn lane for Route 12 westbound at Skyline Drive.

Air Quality Description:

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Reading MPO TIP - Highway & Bridge Projects

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Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Utility	STP	\$0	\$391	\$0	\$0	\$0	\$0
Construction	CAQ	\$0	\$3,000	\$1,200	\$1,700	\$1,141	\$0
Construction	CRP	\$0	\$0	\$0	\$400	\$400	\$0
Construction	CRPU	\$0	\$725	\$0	\$725	\$725	\$0
Construction	HSIP	\$0	\$1,700	\$400	\$0	\$0	\$0
Construction	185	\$0	\$0	\$2,100	\$0	\$0	\$0
Federal:		\$0	\$5816	\$1600	\$2825	\$2266	\$0
State:		\$0	\$0	\$2100	\$0	\$0	\$0
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
		2025	2026	2027	2028	2029 - 2032	2033 - 2036
Period Totals:		\$0	\$5,816	\$3,700	\$2,825	\$2,266	\$0
Total FFY 2025-2036 Cost		\$14,607					

PennDOT Project Id: 80070

New To Planned TIP:

Air Quality Status: Exempt from Regional Conformity Analysis

Project Administrator: PennDOT

Air Quality Exempt Reason: X1 - Actvty not leading to constr. (plan & tech study)

Improvement Type: Miscellaneous

Title: RATS In-house Bridge Design Assistance

Municipality:

State Route: 0

Estimated Construction Bid Date:

Actual Construction Bid Date:

Location: Berks County

Project Description: Bridge Review Management Contract designed to allow consultant to manage and review bridge projects assigned within the planning region to expedite delivery.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Preliminary Engineering	185	\$50	\$50	\$50	\$50	\$200	\$200
Federal:		\$0	\$0	\$0	\$0	\$0	\$0
State:		\$50	\$50	\$50	\$50	\$200	\$200
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
		2025	2026	2027	2028	2029 - 2032	2033 - 2036
Period Totals:		\$50	\$50	\$50	\$50	\$200	\$200
Total FFY 2025-2036 Cost		\$600					

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Reading MPO TIP - Highway & Bridge Projects

PennDOT Project Id: 82791

New To Planned TIP:

Air Quality Status: Exempt from Regional Conformity Analysis

Project Administrator: PennDOT

Air Quality Exempt Reason: NRS - "Not Rgnlly Significant" - do not fit exempt ctgry

Improvement Type: Corridor Safety Improvement

Title: CMAQ Reserve Line Item

Municipality:

State Route: 0

Estimated Construction Bid Date:

Actual Construction Bid Date:

Location: Berks County

Project Description: This project consists of funding for the CMAQ Line Item for congestion, mitigation, and air quality improvement projects that modeling has shown will result in emissions reductions.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Construction	CAQ	\$50	\$80	\$51	\$60	\$67	\$12,686
	Federal:	\$50	\$80	\$51	\$60	\$67	\$12686
	State:	\$0	\$0	\$0	\$0	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
		2025	2026	2027	2028	2029 - 2032	2033 - 2036
	Period Totals:	\$50	\$80	\$51	\$60	\$67	\$12,686
	Total FFY 2025-2036 Cost	\$12,994					

PennDOT Project Id: 82793

New To Planned TIP:

Air Quality Status: Exempt from Regional Conformity Analysis

Project Administrator: PennDOT

Air Quality Exempt Reason: X12 - Trns enhnc acts (excpt rehab, opr. of hist. trans)

Improvement Type: Transportation Enhancement

Title: Alternative Transportation (TAP) Line Item

Municipality:

State Route: 0

Estimated Construction Bid Date:

Actual Construction Bid Date:

Location: Berks County

Project Description: This project consists of funding for the Transportation Alternatives Set Aside (TASA) Reserve Line Item, formerly the Transportation Alternatives Program Line Item. Funding was established by the Moving Ahead for Progress in the 21st century (MAP-21) Federal legislation.

Projects are submitted by application and then reviewed & evaluated by the Reading Area Transportation Study (RATS) Technical Committee with input from PennDOT. The Technical Committee then forwards projects to the RATS Coordinating Committee for final approval.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Construction	TAU	\$593	\$606	\$606	\$606	\$2,424	\$2,423
	Federal:	\$593	\$606	\$606	\$606	\$2424	\$2423
	State:	\$0	\$0	\$0	\$0	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
		2025	2026	2027	2028	2029 - 2032	2033 - 2036
	Period Totals:	\$593	\$606	\$606	\$606	\$2,424	\$2,423
	Total FFY 2025-2036 Cost	\$7,258					

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PennDOT Project Id: 82795

New To Planned TIP:

Air Quality Status: Exempt from Regional Conformity Analysis

Project Administrator: PennDOT

Air Quality Exempt Reason: S6 - Safety improvement program

Improvement Type: Safety Improvement

Title: Safety Reserve Line Item

Municipality:

State Route: 0

Estimated Construction Bid Date:

Actual Construction Bid Date:

Location: Berks County

Project Description: This project consists of the Funding Reserve for future safety projects in Berks County.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Construction	HSIP	\$326	\$97	\$49	\$38	\$3,793	\$13,231
	Federal:	\$326	\$97	\$49	\$38	\$3793	\$13231
	State:	\$0	\$0	\$0	\$0	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
		2025	2026	2027	2028	2029 - 2032	2033 - 2036
	Period Totals:	\$326	\$97	\$49	\$38	\$3,793	\$13,231
	Total FFY 2025-2036 Cost	\$17,534					

PennDOT Project Id: 82796

New To Planned TIP:

Air Quality Status: Exempt from Regional Conformity Analysis

Project Administrator: PennDOT

Air Quality Exempt Reason: NRS - "Not Rgnlly Significant" - do not fit exempt ctgry

Improvement Type: Restoration

Title: Urban Reserve Line Item

Municipality:

State Route: 0

Estimated Construction Bid Date:

Actual Construction Bid Date:

Location: Berks County

Project Description: This Urban Reserve line item is utilized for cost overruns on approved highway and bridge projects from past and current Transportation Improvement Programs and for future projects that enhance urban access and mobility.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Construction	CRP	\$398	\$0	\$0	\$13	\$852	\$1,651
Construction	CRPU	\$746	\$36	\$0	\$36	\$1,619	\$3,043
Construction	STU	\$242	\$3	\$8	\$129	\$3,036	\$12,409
	Federal:	\$1386	\$39	\$8	\$178	\$5507	\$17103
	State:	\$0	\$0	\$0	\$0	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
		2025	2026	2027	2028	2029 - 2032	2033 - 2036
	Period Totals:	\$1,386	\$39	\$8	\$178	\$5,507	\$17,103
	Total FFY 2025-2036 Cost	\$24,221					

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Reading MPO TIP - Highway & Bridge Projects

PennDOT Project Id: 83081

New To Planned TIP:

Air Quality Status: Exempt from Regional Conformity Analysis

Project Administrator: PennDOT

Air Quality Exempt Reason: X5 - Engr to assess effects of actn or alts to the actn

Improvement Type: Replace/Rehab

Title: Delivery Consult Assistance

Municipality:

State Route: 0

Estimated Construction Bid Date:

Actual Construction Bid Date:

Location: Berks County

Project Description: This project provides funding for consultant assistance in project delivery and construction for the replacement / rehabilitation of bridges in Berks County. It is designed to allow consultants to manage and review projects assigned within the planning region with the goal of expediting project delivery.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Preliminary Engineering	185	\$800	\$100	\$0	\$0	\$0	\$0
Preliminary Engineering	581	\$1,100	\$1,000	\$1,000	\$1,500	\$6,000	\$6,000
	Federal:	\$0	\$0	\$0	\$0	\$0	\$0
	State:	\$1900	\$1100	\$1000	\$1500	\$6000	\$6000
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
		2025	2026	2027	2028	2029 - 2032	2033 - 2036
	Period Totals:	\$1,900	\$1,100	\$1,000	\$1,500	\$6,000	\$6,000
	Total FFY 2025-2036 Cost	\$17,500					

PennDOT Project Id: 85643

New To Planned TIP:

Air Quality Status: Exempt from Regional Conformity Analysis

Project Administrator: PennDOT

Air Quality Exempt Reason: S19 - Widen narw. pave. or recon brdgs (No addtl lanes)

Improvement Type: Bridge Replacement

Title: Donat Road over Stoney Run

Municipality: Albany (TWP)

State Route: 1015

Estimated Construction Bid Date: 4/1/2027

Actual Construction Bid Date:

Location: SR 1015 over Stoney Run
Albany Township
Berks County

Project Description: This project involves the bridge rehabilitation / replacement of State Route 1015 (Donat Road) over Stoney Run in Albany Township, Berks County.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Utility	185	\$10	\$0	\$0	\$0	\$0	\$0
Construction	185	\$500	\$530	\$0	\$0	\$0	\$0
	Federal:	\$0	\$0	\$0	\$0	\$0	\$0
	State:	\$510	\$530	\$0	\$0	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
		2025	2026	2027	2028	2029 - 2032	2033 - 2036
	Period Totals:	\$510	\$530	\$0	\$0	\$0	\$0
	Total FFY 2025-2036 Cost	\$1,040					

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Reading MPO TIP - Highway & Bridge Projects

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PennDOT Project Id: 85650

New To Planned TIP:

Air Quality Status: Exempt from Regional Conformity Analysis

Project Administrator: PennDOT

Air Quality Exempt Reason: S19 - Widen narw. pave. or recon brdgs (No addtl lanes)

Improvement Type: Bridge Replacement

Title: Valley Road over Toad Creek

Municipality: Longswamp (TWP)

State Route: 1035

Estimated Construction Bid Date: 9/25/2025

Actual Construction Bid Date:

Location: SR 1035 (Valley Road) over Toad Creek
Longswamp Township
Berks County

Project Description: This project includes the Utility and Right of Way phases for the triple pipe culvert to be replaced by a precast box culvert on State Route 1035 (Valley Road) over Toad Creek in Longswamp Township, Berks County. Preliminary Engineering, Final Design and Construction phases are being completed under the Berks Box Culvert Bundle, MPMS #110011.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Utility	185	\$54	\$0	\$0	\$0	\$0	\$0
	Federal:	\$0	\$0	\$0	\$0	\$0	\$0
	State:	\$54	\$0	\$0	\$0	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	\$54	\$0	\$0	\$0	\$0	\$0
Total FFY 2025-2036 Cost		\$54					

PennDOT Project Id: 85670

New To Planned TIP:

Air Quality Status: Exempt from Regional Conformity Analysis

Project Administrator: PennDOT

Air Quality Exempt Reason: S19 - Widen narw. pave. or recon brdgs (No addtl lanes)

Improvement Type: Bridge Replacement

Title: Camp Swatara Road over Little Swatara Creek

Municipality: Bethel (TWP)

State Route: 645

Estimated Construction Bid Date: 4/10/2025

Actual Construction Bid Date:

Location: SR 0645 over Little Swatara Creek
Bethel and Tulpehocken Townships
Berks County

Project Description: This project involves the bridge replacement of State Route 645 (Camp Swatara Road) over Little Swatara Creek and full depth pavement reconstruction on the bridge approaches along with safety improvements including guide rail, pavement markings and signing in Bethel and Tulpehocken Townships, Berks County.

A car and truck detour will be used to maintain traffic during construction.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Utility	BOF	\$70	\$0	\$0	\$0	\$0	\$0
Utility	185	\$18	\$0	\$0	\$0	\$0	\$0
Construction	BOF	\$500	\$1,500	\$1,520	\$0	\$0	\$0
Construction	BRIP	\$100	\$400	\$100	\$0	\$0	\$0
Construction	185	\$150	\$475	\$405	\$0	\$0	\$0
	Federal:	\$670	\$1900	\$1620	\$0	\$0	\$0
	State:	\$168	\$475	\$405	\$0	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	\$838	\$2,375	\$2,025	\$0	\$0	\$0
Total FFY 2025-2036 Cost		\$5,238					

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Reading MPO TIP - Highway & Bridge Projects

PennDOT Project Id: 86420

New To Planned TIP:

Air Quality Status: Exempt from Regional Conformity Analysis

Project Administrator: PennDOT

Air Quality Exempt Reason: A1 - Cont. ride-shrng & van-pool prom. at cur lvls

Improvement Type: Miscellaneous

Title: Berks Commuter Services

Municipality: Reading (CITY)

State Route: 0

Estimated Construction Bid Date:

Actual Construction Bid Date:

Location: Berks County

Project Description: This project funds the Transportation Demand Management program in Berks County that is administered by Commuter Services of PA. By helping commuters find alternatives to driving alone such as public transit, car/van pooling, bicycles, and walking, traffic congestion can be reduced and air quality & safety can be increased.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Construction	CAQ	\$291	\$295	\$299	\$304	\$1,216	\$1,216
	Federal:	\$291	\$295	\$299	\$304	\$1216	\$1216
	State:	\$0	\$0	\$0	\$0	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	2025	2026	2027	2028	2029 - 2032	2033 - 2036
		\$291	\$295	\$299	\$304	\$1,216	\$1,216
Total FFY 2025-2036 Cost		\$3,621					

PennDOT Project Id: 87688

New To Planned TIP:

Air Quality Status: Exempt from Regional Conformity Analysis

Project Administrator: PennDOT

Air Quality Exempt Reason: R4 - Changes in vertical and horizontal alignment

Improvement Type: Intersection Improvement

Title: SR 422 in Sinking Spring

Municipality: Sinking Spring (BORO)

State Route: 422

Estimated Construction Bid Date: 2/12/2026

Actual Construction Bid Date:

Location: SR 422 (Penn Avenue)
Sinking Spring
Berks County

Project Description: This project will re-align intersections at Penn Avenue and State Route 724 (Shillington Road) and Penn Avenue and State Route 3055 (Mull Avenue) to reduce congestion in the Borough of Sinking Spring, Berks County.

Air Quality Description: MPO staff confirms that there is no additional capacity being added. This project is reconfiguring an existing intersection with acute-angle and offset approaches.

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Utility	NHPP	\$103	\$0	\$0	\$0	\$0	\$0
Utility	581	\$26	\$0	\$0	\$0	\$0	\$0
Right of Way	NHPP	\$824	\$0	\$0	\$0	\$0	\$0
Right of Way	581	\$206	\$0	\$0	\$0	\$0	\$0
Construction	NHPP	\$0	\$1,500	\$1,500	\$589	\$0	\$0
Construction	581	\$0	\$375	\$375	\$147	\$0	\$0
	Federal:	\$927	\$1500	\$1500	\$589	\$0	\$0
	State:	\$232	\$375	\$375	\$147	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	2025	2026	2027	2028	2029 - 2032	2033 - 2036
		\$1,159	\$1,875	\$1,875	\$736	\$0	\$0
Total FFY 2025-2036 Cost		\$5,645					

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Reading MPO TIP - Highway & Bridge Projects

PennDOT Project Id: 88781

New To Planned TIP:

Air Quality Status: Exempt from Regional Conformity Analysis

Project Administrator: PennDOT

Air Quality Exempt Reason: R1 - Intersection channelization projects

Improvement Type: Intersection Improvement

Title: SR 12 and SR 73

Municipality: Ruscombmanor (TWP)

State Route: 12

Estimated Construction Bid Date: 10/20/2022

Actual Construction Bid Date: 10/20/2022

Location: SR 12 and SR 73
Ruscombmanor Township
Berks County

Project Description: This project involves installation of left turn standby lanes on all four approaches at the intersection of Pricetown Road (State Route 12) and Blandon Road (State Route 73) in Ruscombmanor Township, Berks County.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Construction	STP	\$61	\$0	\$0	\$0	\$0	\$0
	Federal:	\$61	\$0	\$0	\$0	\$0	\$0
	State:	\$0	\$0	\$0	\$0	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	2025	2026	2027	2028	2029 - 2032	2033 - 2036
		\$61	\$0	\$0	\$0	\$0	\$0
Total FFY 2025-2036 Cost		\$61					

PennDOT Project Id: 89056

New To Planned TIP:

Air Quality Status: Exempt from Regional Conformity Analysis

Project Administrator: PennDOT

Air Quality Exempt Reason: X12 - Trns ehnhc acts (except rehab, opr. of hist. trans)

Improvement Type: Transportation Enhancement

Title: Transp Alternative Project Mngmt

Municipality: Reading (CITY)

State Route: 0

Estimated Construction Bid Date:

Actual Construction Bid Date:

Location: Berks County

Project Description: This project is a Berks County Transportation Alternatives Program Management Contract to assist local sponsors in developing approved Transportation Alternative Projects.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Preliminary Engineering	STP	\$30	\$25	\$25	\$25	\$0	\$0
	Federal:	\$30	\$25	\$25	\$25	\$0	\$0
	State:	\$0	\$0	\$0	\$0	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	2025	2026	2027	2028	2029 - 2032	2033 - 2036
		\$30	\$25	\$25	\$25	\$0	\$0
Total FFY 2025-2036 Cost		\$105					

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Reading MPO TIP - Highway & Bridge Projects

PennDOT Project Id: 89634

New To Planned TIP: Y

Air Quality Status: Exempt from Regional Conformity Analysis

Project Administrator: PennDOT

Air Quality Exempt Reason: NRS - "Not Rgnlly Significant" - do not fit exempt ctgry

Improvement Type: Bridge Removal

Title: Trap Rock Bridge Removal

Municipality: Robeson (TWP)

State Route: 2082

Estimated Construction Bid Date: 4/1/2029

Actual Construction Bid Date:

Location: PA 2082 over Hay Creek
Robeson Township
Berks County

Project Description: Bridge removal of closed State Route 2082 (Hay Creek Road) over Hay Creek in Robeson Township, Berks County.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Preliminary Engineering	185	\$0	\$50	\$56	\$0	\$0	\$0
Final Design	185	\$0	\$0	\$50	\$59	\$0	\$0
Utility	185	\$0	\$0	\$0	\$11	\$0	\$0
Right of Way	185	\$0	\$0	\$0	\$13	\$16	\$0
Construction	185	\$0	\$0	\$0	\$0	\$232	\$0
	Federal:	\$0	\$0	\$0	\$0	\$0	\$0
	State:	\$0	\$50	\$106	\$83	\$248	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
		2025	2026	2027	2028	2029 - 2032	2033 - 2036
	Period Totals:	\$0	\$50	\$106	\$83	\$248	\$0
	Total FFY 2025-2036 Cost	\$487					

PennDOT Project Id: 90569

New To Planned TIP:

Air Quality Status: Significant: Included in regional conformity analysis

Project Administrator: PennDOT

Improvement Type: Intersection Improvement

Title: SR 222 and Long Lane Intersection Improvements

Municipality: Maxatawny (TWP)

State Route: 222

Estimated Construction Bid Date: 7/11/2024

Actual Construction Bid Date:

Location: SR 222 & SR 1024 (Long Lane)
Maxatawny Township
Berks County

Project Description: This project involves the construction of a roundabout on US Route 222 and Long Lane (State Route 1024) to improve safety and reduce congestion in Maxatawny Township, Berks County.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Construction	CAQ	\$1,393	\$0	\$0	\$0	\$0	\$0
Construction	581	\$348	\$0	\$0	\$0	\$0	\$0
	Federal:	\$1393	\$0	\$0	\$0	\$0	\$0
	State:	\$348	\$0	\$0	\$0	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
		2025	2026	2027	2028	2029 - 2032	2033 - 2036
	Period Totals:	\$1,741	\$0	\$0	\$0	\$0	\$0
	Total FFY 2025-2036 Cost	\$1,741					

Date: 3/13/2024
9:37:09AM

Reading MPO TIP - Highway & Bridge Projects

PennDOT Project Id: 91091

New To Planned TIP:

Air Quality Status: Exempt from Regional Conformity Analysis

Project Administrator: PennDOT

Air Quality Exempt Reason: S19 - Widen narw. pave. or recon brdgs (No addtl lanes)

Improvement Type: Bridge Replacement

Title: Schuylkill Ave Bridge SB

Municipality: Reading (CITY)

State Route: 183

Estimated Construction Bid Date: 6/8/2023

Actual Construction Bid Date: 6/8/2023

Location: Schuylkill Avenue SB (SR 183) over Norfolk Southern Railroad
City of Reading
Berks County

Project Description: This project involves a bridge replacement on Schuylkill Avenue southbound (State Route 183) over the Norfolk Southern Railroad in the City of Reading, Berks County.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Construction	BRIP	\$75	\$0	\$0	\$0	\$0	\$0
Construction	STU	\$25	\$0	\$0	\$0	\$0	\$0
Construction	185	\$25	\$0	\$0	\$0	\$0	\$0
	Federal:	\$100	\$0	\$0	\$0	\$0	\$0
	State:	\$25	\$0	\$0	\$0	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
		2025	2026	2027	2028	2029 - 2032	2033 - 2036
	Period Totals:	\$125	\$0	\$0	\$0	\$0	\$0
	Total FFY 2025-2036 Cost	\$125					

PennDOT Project Id: 91658

New To Planned TIP:

Air Quality Status: Exempt from Regional Conformity Analysis

Project Administrator: PennDOT

Air Quality Exempt Reason: S7 - Traf contrl devc & oper assist - nonsignalization

Improvement Type: Traffic Control Center

Title: TOC Operator-Berks

Municipality: Bethel (TWP)

State Route: 78

Estimated Construction Bid Date:

Actual Construction Bid Date:

Location: I-78, I-176, and various locations, Berks County

Project Description: This project funds an operator working in the Traffic Operations Center in District 5-0. The operator monitors cameras, message boards and radio systems along I-78, I-176, US Route 222 and US Route 422 in Berks County.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Construction	NHPP	\$125	\$75	\$125	\$75	\$400	\$500
	Federal:	\$125	\$75	\$125	\$75	\$400	\$500
	State:	\$0	\$0	\$0	\$0	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
		2025	2026	2027	2028	2029 - 2032	2033 - 2036
	Period Totals:	\$125	\$75	\$125	\$75	\$400	\$500
	Total FFY 2025-2036 Cost	\$1,300					

Date: 3/13/2024
9:37:09AM

Reading MPO TIP - Highway & Bridge Projects

PennDOT Project Id: 91908

New To Planned TIP:

Air Quality Status: Exempt from Regional Conformity Analysis

Project Administrator: PennDOT

Air Quality Exempt Reason: S19 - Widen narw. pave. or recon brdgs (No addtl lanes)

Improvement Type: Replace/Rehab

Title: North Third Street over Tulpehocken Creek

Municipality: Heidelberg (TWP)

State Route: 419

Estimated Construction Bid Date: 5/22/2025

Actual Construction Bid Date:

Location: PA 419 over Tulpehocken Creek
Heidelberg & Marion Townships
Berks County

Project Description: This project involves the bridge rehabilitation / replacement of State Route 419 (North Third Street) over Tulpehocken Creek including addition of shoulders to the structure that are currently non-existent in Heidelberg and Marion Townships, Berks County.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Utility	BRIP	\$0	\$106	\$0	\$0	\$0	\$0
Utility	581	\$0	\$27	\$0	\$0	\$0	\$0
Construction	BRIP	\$0	\$0	\$750	\$4,500	\$1,437	\$0
Construction	185	\$0	\$0	\$188	\$1,125	\$359	\$0
	Federal:	\$0	\$106	\$750	\$4500	\$1437	\$0
	State:	\$0	\$27	\$188	\$1125	\$359	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	\$0	\$133	\$938	\$5,625	\$1,796	\$0
Total FFY 2025-2036 Cost		\$8,492					

PennDOT Project Id: 91976

New To Planned TIP:

Air Quality Status: Exempt from Regional Conformity Analysis

Project Administrator: PennDOT

Air Quality Exempt Reason: S19 - Widen narw. pave. or recon brdgs (No addtl lanes)

Improvement Type: Bridge Replacement

Title: PA183 o'r Little Northkill Ck & Trib to LNorthkill

Municipality: Upper Tulpehocken (TWP)

State Route: 183

Estimated Construction Bid Date: 4/1/2028

Actual Construction Bid Date:

Location: PA 183 over Little Northkill Creek & Trib to Little Northkill Creek
Upper Tulpehocken Township
Berks County

Project Description: Bridge Rehabilitation/Replacements of PA 183 (Bernville Road) over Little Northkill Creek & Trib to Northkill Creek in Upper Tulpehocken Township, Berks County.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Preliminary Engineering	185	\$300	\$318	\$0	\$0	\$0	\$0
Final Design	185	\$0	\$0	\$175	\$590	\$0	\$0
Utility	185	\$0	\$0	\$0	\$11	\$0	\$0
Right of Way	BRIP	\$0	\$0	\$61	\$0	\$0	\$0
Right of Way	185	\$0	\$0	\$15	\$0	\$0	\$0
Construction	BRIP	\$0	\$0	\$0	\$0	\$1,855	\$0
Construction	185	\$0	\$0	\$0	\$0	\$464	\$0
	Federal:	\$0	\$0	\$61	\$0	\$1855	\$0
	State:	\$300	\$318	\$190	\$601	\$464	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	\$300	\$318	\$251	\$601	\$2,319	\$0
Total FFY 2025-2036 Cost		\$3,789					

Date: 3/13/2024
9:37:09AM

Reading MPO TIP - Highway & Bridge Projects

PennDOT Project Id: 91995

New To Planned TIP: Y

Air Quality Status: Exempt from Regional Conformity Analysis

Project Administrator: PennDOT

Air Quality Exempt Reason: S19 - Widen narw. pave. or recon brdgs (No addtl lanes)

Improvement Type: Replace/Rehab

Title: Centre Avenue over Norfolk Southern RR

Municipality: Reading (CITY)

State Route: 2087

Estimated Construction Bid Date: 6/29/2028

Actual Construction Bid Date:

Location: SR 2087 over Norfolk Southern Railroad
City of Reading
Berks County

Project Description: This project involves the replacement / rehabilitation of the bridge that carries SR 2087 (Centre Avenue) over Norfolk Southern Railroad in the City of Reading, Berks County.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Construction	BRIP	\$0	\$0	\$0	\$1,000	\$6,203	\$0
Construction	185	\$0	\$0	\$0	\$250	\$1,551	\$0
Final Design	NHPP	\$0	\$100	\$400	\$137	\$0	\$0
Final Design	185	\$0	\$25	\$100	\$34	\$0	\$0
Utility	NHPP	\$0	\$0	\$0	\$56	\$0	\$0
Utility	185	\$0	\$0	\$0	\$14	\$0	\$0
Right of Way	NHPP	\$0	\$50	\$100	\$115	\$0	\$0
Right of Way	185	\$0	\$13	\$25	\$29	\$0	\$0
Federal:		\$0	\$150	\$500	\$1308	\$6203	\$0
State:		\$0	\$38	\$125	\$327	\$1551	\$0
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		\$0	\$188	\$625	\$1,635	\$7,754	\$0
Total FFY 2025-2036 Cost		\$10,202					

PennDOT Project Id: 92009

New To Planned TIP:

Air Quality Status: Exempt from Regional Conformity Analysis

Project Administrator: PennDOT

Air Quality Exempt Reason: S19 - Widen narw. pave. or recon brdgs (No addtl lanes)

Improvement Type: Bridge Replacement

Title: SR 100 over trib to Perkiomen Creek

Municipality: Bally (BORO)

State Route: 100

Estimated Construction Bid Date:

Actual Construction Bid Date:

Location: Main Street (SR 100)
over tributary to Perkiomen Creek
Borough of Bally

Project Description: Bridge replacement with Box Culvert on Main Street (State Route 100) over tributary to Perkiomen Creek in Borough of Bally, Berks County.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Utility	185	\$0	\$0	\$0	\$0	\$12	\$0
Right of Way	185	\$0	\$0	\$0	\$17	\$0	\$0
Federal:		\$0	\$0	\$0	\$0	\$0	\$0
State:		\$0	\$0	\$0	\$17	\$12	\$0
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		\$0	\$0	\$0	\$17	\$12	\$0
Total FFY 2025-2036 Cost		\$29					

Date: 3/13/2024
9:37:09AM

Reading MPO TIP - Highway & Bridge Projects

PennDOT Project Id: 92070

New To Planned TIP:

Air Quality Status: Exempt from Regional Conformity Analysis

Project Administrator: PennDOT

Air Quality Exempt Reason: S19 - Widen narw. pave. or recon brdgs (No addtl lanes)

Improvement Type: Bridge Replacement

Title: Penn Avenue over Cacoosing Creek

Municipality: Sinking Spring (BORO)

State Route: 422

Estimated Construction Bid Date: 4/1/2026

Actual Construction Bid Date:

Location: SR 422 (PennAve) over Cacoosing Creek
Sinking Spring Borough
Berks County

Project Description: Bridge rehabilitation or replacement of State Route 422 (Penn Avenue) over Cacoosing Creek in Sinking Spring Borough, Berks County.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Utility	BRIP	\$0	\$17	\$0	\$0	\$0	\$0
Utility	185	\$0	\$4	\$0	\$0	\$0	\$0
Construction	BRIP	\$0	\$200	\$650	\$168	\$0	\$0
Construction	185	\$0	\$50	\$163	\$42	\$0	\$0
Federal:		\$0	\$217	\$650	\$168	\$0	\$0
State:		\$0	\$54	\$163	\$42	\$0	\$0
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		\$0	\$271	\$813	\$210	\$0	\$0
Total FFY 2025-2036 Cost		\$1,294					

PennDOT Project Id: 92079

New To Planned TIP:

Air Quality Status: Exempt from Regional Conformity Analysis

Project Administrator: PennDOT

Air Quality Exempt Reason: S19 - Widen narw. pave. or recon brdgs (No addtl lanes)

Improvement Type: Bridge Replacement

Title: Rehrrsburg Road over Mill Creek

Municipality: Tulpehocken (TWP)

State Route: 419

Estimated Construction Bid Date: 6/5/2025

Actual Construction Bid Date:

Location: PA 419 over Mill Creek
Tulpehocken Township
Berks County

Project Description: This project involves the bridge replacement of State Route 419 (Rehrrsburg Road) over Mill Creek in Tulpehocken Township, Berks County.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Utility	STP	\$43	\$0	\$0	\$0	\$0	\$0
Utility	185	\$11	\$0	\$0	\$0	\$0	\$0
Construction	STP	\$783	\$0	\$0	\$0	\$0	\$0
Construction	185	\$196	\$0	\$0	\$0	\$0	\$0
Federal:		\$826	\$0	\$0	\$0	\$0	\$0
State:		\$207	\$0	\$0	\$0	\$0	\$0
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		\$1,033	\$0	\$0	\$0	\$0	\$0
Total FFY 2025-2036 Cost		\$1,033					

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Reading MPO TIP - Highway & Bridge Projects

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PennDOT Project Id: 94290

New To Planned TIP:

Air Quality Status: Exempt from Regional Conformity Analysis

Project Administrator: PennDOT

Air Quality Exempt Reason: S19 - Widen narw. pave. or recon brdgs (No addtl lanes)

Improvement Type: Replace/Rehab

Title: Charming Forge over Mill Race Creek

Municipality: Marion (TWP)

State Route: 3037

Estimated Construction Bid Date: 4/5/2029

Actual Construction Bid Date:

Location: SR 3037 (Charming Forge Road) over Mill Race Creek, Marion Township, Berks County

Project Description: This project involves the bridge rehabilitation / replacement of State Route 3037 (Charming Forge Road) over Mill Race Creek in Marion Township, Berks County.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Final Design	BOF	\$150	\$56	\$0	\$0	\$0	\$0
Final Design	185	\$38	\$14	\$0	\$0	\$0	\$0
Utility	BOF	\$0	\$0	\$46	\$0	\$0	\$0
Utility	185	\$0	\$0	\$12	\$0	\$0	\$0
Right of Way	BOF	\$71	\$0	\$0	\$0	\$0	\$0
Right of Way	185	\$18	\$0	\$0	\$0	\$0	\$0
Construction	BOF	\$0	\$0	\$300	\$356	\$0	\$0
Construction	185	\$0	\$0	\$75	\$89	\$0	\$0
Federal:		\$221	\$56	\$346	\$356	\$0	\$0
State:		\$56	\$14	\$87	\$89	\$0	\$0
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
		2025	2026	2027	2028	2029 - 2032	2033 - 2036
Period Totals:		\$277	\$70	\$433	\$445	\$0	\$0
Total FFY 2025-2036 Cost		\$1,225					

PennDOT Project Id: 94900

New To Planned TIP:

Air Quality Status: Exempt from Regional Conformity Analysis

Project Administrator: PennDOT

Air Quality Exempt Reason: S7 - Traf contl devc & oper assist - nonsignalization

Improvement Type: Traffic System Management

Title: Freeway Service Patrol

Municipality: Wyomissing (BORO)

State Route: 422

Estimated Construction Bid Date: 11/1/2018

Actual Construction Bid Date: 11/1/2018

Location: SR 422, US 222 and PA 12

City of Reading, West Reading Borough, Wyomissing Borough, and the townships of Muhlenberg, Cumru, Exeter, Bern, Maiden Creek, Ontelaunee, and Spring Berks County

Project Description: This project funds the freeway service patrol on US Route 422, US Route 222 and PA 12 in the urban area in Berks County.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Construction	STU	\$105	\$105	\$251	\$259	\$1,116	\$1,200
Federal:		\$105	\$105	\$251	\$259	\$1116	\$1200
State:		\$0	\$0	\$0	\$0	\$0	\$0
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
		2025	2026	2027	2028	2029 - 2032	2033 - 2036
Period Totals:		\$105	\$105	\$251	\$259	\$1,116	\$1,200
Total FFY 2025-2036 Cost		\$3,036					

Date: 3/13/2024
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Reading MPO TIP - Highway & Bridge Projects

PennDOT Project Id: 95399

New To Planned TIP:

Air Quality Status: Exempt from Regional Conformity Analysis

Project Administrator: PennDOT

Air Quality Exempt Reason: X5 - Engr to assess effects of actn or alts to the actn

Improvement Type: Environmental Mitigation

Title: Environmental Impacts Resolution LI

Municipality: Kutztown (BORO)

State Route: 0

Estimated Construction Bid Date:

Actual Construction Bid Date:

Location: Various sites within Berks County

Project Description: This project includes regional set-asides for monitoring, maintenance, and repairs of constructed wetlands. Meeting MS4 requirements of the EPA (Environmental Protection Agency) on approved highway and bridge projects from past and current Transportation Improvement Programs as well as identifying potential sites for environmental mitigation requirements in Berks County will be completed.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Preliminary Engineering	581	\$105	\$105	\$105	\$105	\$480	\$500
	Federal:	\$0	\$0	\$0	\$0	\$0	\$0
	State:	\$105	\$105	\$105	\$105	\$480	\$500
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	\$105	\$105	\$105	\$105	\$480	\$500
Total FFY 2025-2036 Cost		\$1,400					

PennDOT Project Id: 96373

New To Planned TIP:

Air Quality Status: Exempt from Regional Conformity Analysis

Project Administrator: PennDOT

Air Quality Exempt Reason: S10 - Pavement resurfacing and/or rehabilitation

Improvement Type: Restoration

Title: PA 61 Restoration Phase 1

Municipality: Tilden (TWP)

State Route: 61

Estimated Construction Bid Date: 8/22/2024

Actual Construction Bid Date:

Location: PA 61 from approximately 1700 feet south of Cabela Drive to south end of the bridge over the Reading Blue Mountain & Northern RR and Schuylkill River Tilden Township Berks County

Project Description: This project involves the highway restoration of State Route 61 from approximately 1700 feet south of Cabela Drive in Tilden Township, Berks County north to south end of the bridge over the Reading Blue Mountain & Northern Railroad (RR) and Schuylkill River with maintenance, protection and traffic extending into Port Clinton Borough, Schuylkill County. Bridge preservation activities -- to include minor deck repairs and application of a waterproofing membrane -- will occur on the structure over Bartram Trail.

Installation of a median barrier from the Walmart entrance at Lowland Road to a point approximately 0.4 miles north under MPMS #109337 is intended to be let with this project contract.

Air Quality Description: MPO staff confirms that there is no additional capacity being added. This project is restoring existing concrete and bridge and replacing mountable median with concrete barriers.

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Construction	NHPP	\$2,500	\$2,449	\$0	\$0	\$0	\$0
	Federal:	\$2500	\$2449	\$0	\$0	\$0	\$0
	State:	\$0	\$0	\$0	\$0	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	\$2,500	\$2,449	\$0	\$0	\$0	\$0
Total FFY 2025-2036 Cost		\$4,949					

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Reading MPO TIP - Highway & Bridge Projects

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PennDOT Project Id: 97258

New To Planned TIP:

Air Quality Status: Exempt from Regional Conformity Analysis

Project Administrator: PennDOT

Air Quality Exempt Reason: S9 - Guardrails, median barriers, crash cushions

Improvement Type: Guiderail Improvement

Title: SR 61 Med Barrier - Perry Wind

Municipality: Perry (TWP)

State Route: 61

Estimated Construction Bid Date: 7/24/2025

Actual Construction Bid Date:

Location: SR 61 - Perry, Windsor Townships and Hamburg Borough
Zion Church Road in Perry Township to 4th Street in Hamburg Borough

Project Description: This project involves the installation of a median barrier and pavement markings on State Route 61 anticipated to be from Zion's Church Road to 4th Street in conjunction with the SR 61 Restoration phase 2B (MPMS #10867) in Perry and Windsor Townships and Hamburg Borough, Berks County.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Construction	NHPP	\$250	\$250	\$30	\$0	\$0	\$0
	Federal:	\$250	\$250	\$30	\$0	\$0	\$0
	State:	\$0	\$0	\$0	\$0	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
		2025	2026	2027	2028	2029 - 2032	2033 - 2036
	Period Totals:	\$250	\$250	\$30	\$0	\$0	\$0
	Total FFY 2025-2036 Cost	\$530					

PennDOT Project Id: 97417

New To Planned TIP:

Air Quality Status: Exempt from Regional Conformity Analysis

Project Administrator: PennDOT

Air Quality Exempt Reason: S10 - Pavement resurfacing and/or rehabilitation

Improvement Type: Miscellaneous

Title: Construction Assistance

Municipality: Reading (CITY)

State Route: 0

Estimated Construction Bid Date:

Actual Construction Bid Date:

Location: Various locations in Berks County

Project Description: State funding for consultant assistance during the construction phase of general maintenance projects at various locations in Berks County.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Construction	581	\$50	\$50	\$50	\$50	\$200	\$200
	Federal:	\$0	\$0	\$0	\$0	\$0	\$0
	State:	\$50	\$50	\$50	\$50	\$200	\$200
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
		2025	2026	2027	2028	2029 - 2032	2033 - 2036
	Period Totals:	\$50	\$50	\$50	\$50	\$200	\$200
	Total FFY 2025-2036 Cost	\$600					

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9:37:09AM

Reading MPO TIP - Highway & Bridge Projects

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PennDOT Project Id: 97838

New To Planned TIP:

Air Quality Status: Exempt from Regional Conformity Analysis

Project Administrator: PennDOT

Air Quality Exempt Reason: S10 - Pavement resurfacing and/or rehabilitation

Improvement Type: Resurface

Title: Construction Assistance

Municipality: Cumru (TWP)

State Route: 0

Estimated Construction Bid Date:

Actual Construction Bid Date:

Location: Various locations in Berks

Project Description: This project provides consultant assistance for inspection and/or oversight of approved Transportation Improvement Program construction projects eligible for federal funding, including highway, bridge and transportation alternative projects in Berks County within the MPO region.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Construction	STP	\$50	\$50	\$50	\$50	\$200	\$200
	Federal:	\$50	\$50	\$50	\$50	\$200	\$200
	State:	\$0	\$0	\$0	\$0	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	\$50	\$50	\$50	\$50	\$200	\$200
Total FFY 2025-2036 Cost		\$600					

PennDOT Project Id: 102161

New To Planned TIP:

Air Quality Status: Exempt from Regional Conformity Analysis

Project Administrator: PennDOT

Air Quality Exempt Reason: SDY - Study

Improvement Type: Corridor Safety Improvement

Title: Lancaster (US 222 Bus) Corridor Imp

Municipality: Reading (CITY)

State Route: 3222

Estimated Construction Bid Date: 4/1/2028

Actual Construction Bid Date:

Location: SR 3222 (222 Business)
Kenhorst Boulevard to Route 10 (Schuylkill River Trail Bridge)
City of Reading
Berks County

Project Description: This project includes safety corridor improvements along State Route 3222 (Business 222) from Kenhorst Boulevard to Route 10 (Schuylkill River Trail Bridge) in the City of Reading, Berks County. Note that this is for a Study phase only at this time.

Air Quality Description: Note that this is for a Study phase only at this time.

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Study	HSIP	\$515	\$0	\$0	\$0	\$0	\$0
	Federal:	\$515	\$0	\$0	\$0	\$0	\$0
	State:	\$0	\$0	\$0	\$0	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	\$515	\$0	\$0	\$0	\$0	\$0
Total FFY 2025-2036 Cost		\$515					

Date: 3/13/2024
9:37:09AM

Reading MPO TIP - Highway & Bridge Projects

PennDOT Project Id: 102189

New To Planned TIP:

Air Quality Status: Exempt from Regional Conformity Analysis

Project Administrator: PennDOT

Air Quality Exempt Reason: S10 - Pavement resurfacing and/or rehabilitation

Improvement Type: Restoration

Title: RATS Hwy & Bridge Reserve

Municipality: Reading (CITY)

State Route: 0

Estimated Construction Bid Date:

Actual Construction Bid Date:

Location: Berks County

Project Description: This Highway & Bridge Reserve Line Item was created to provide extra funding where needed for projects in Berks County that qualify for the following fund types:

- NHPP (National Highway Performance Program) - These projects provide support for the condition and performance of the National Highway System.
- STP (Surface Transportation Program) - This is a formula-based distribution based on the region's bridge and highway needs on federal aid routes not on the National Highway System.
- BOF - This funding is reserved for federal aid bridges not on the National Highway System.
- 581 - This is state funding for state-owned roadways and bridges.
- 185 - This is state funding for state-owned bridges.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Construction	BOF	\$27	\$35	\$545	\$976	\$3,558	\$4,399
Construction	BRIP	\$56	\$5	\$295	\$459	\$16,349	\$29,671
Construction	NHPP	\$148	\$84	\$99	\$115	\$296	\$89
Construction	STP	\$138	\$114	\$49	\$47	\$729	\$926
Construction	185	\$236	\$363	\$1,050	\$1,150	\$10,199	\$26,649
Construction	581	\$279	\$588	\$69	\$186	\$8,549	\$24,694
	Federal:	\$369	\$238	\$988	\$1597	\$20932	\$35085
	State:	\$515	\$951	\$1119	\$1336	\$18748	\$51343
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	\$884	\$1,189	\$2,107	\$2,933	\$39,680	\$86,428
Total FFY 2025-2036 Cost		\$133,221					

PennDOT Project Id: 102763

New To Planned TIP:

Air Quality Status: Exempt from Regional Conformity Analysis

Project Administrator: PennDOT

Air Quality Exempt Reason: X5 - Engr to assess effects of actn or alts to the actn

Improvement Type: Miscellaneous

Title: RATS Traffic Review Assistance

Municipality:

State Route: 0

Estimated Construction Bid Date:

Actual Construction Bid Date:

Location: Berks County

Project Description: This project funds consultant assistance in the traffic unit during the construction phases of general maintenance projects at various locations in Berks County.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Preliminary Engineering	581	\$50	\$50	\$50	\$50	\$200	\$200
	Federal:	\$0	\$0	\$0	\$0	\$0	\$0
	State:	\$50	\$50	\$50	\$50	\$200	\$200
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	\$50	\$50	\$50	\$50	\$200	\$200
Total FFY 2025-2036 Cost		\$600					

Date: 3/13/2024
9:37:09AM

Reading MPO TIP - Highway & Bridge Projects

PennDOT Project Id: 105954

New To Planned TIP:

Air Quality Status: Significant: Included in regional conformity analysis

Project Administrator: PennDOT

Improvement Type: Corridor Safety Improvement

Title: State Hill Rd from Colony Dr. to SR 222 SB Ramps

Municipality: Wyomissing (BORO)

State Route: 3023

Estimated Construction Bid Date: 7/23/2026

Actual Construction Bid Date:

Location: SR 3023 (State Hill Road) between the State Route 222 southbound on-ramp and Colony Drive in Wyomissing Borough, Berks County.

Project Description: Corridor safety improvements along State Route 3023 (State Hill Road) between the State Route 222 southbound on-ramp and Colony Drive in Wyomissing Borough. Improvements to be considered include widening, access management, roundabout(s), traffic signal updates and coordination.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Construction	STP	\$0	\$0	\$3,500	\$4,100	\$1,928	\$0
Construction	581	\$0	\$0	\$875	\$1,025	\$482	\$0
Utility	STP	\$515	\$0	\$0	\$0	\$0	\$0
Right of Way	HSIP	\$500	\$0	\$0	\$0	\$0	\$0
	Federal:	\$1015	\$0	\$3500	\$4100	\$1928	\$0
	State:	\$0	\$0	\$875	\$1025	\$482	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
		2025	2026	2027	2028	2029 - 2032	2033 - 2036
	Period Totals:	\$1,015	\$0	\$4,375	\$5,125	\$2,410	\$0
	Total FFY 2025-2036 Cost	\$12,925					

PennDOT Project Id: 105963

New To Planned TIP:

Air Quality Status: Significant: Included in regional conformity analysis

Project Administrator: PennDOT

Improvement Type: Relocation/Realignment

Title: Route 662 and Oley Turnpike Intersection

Municipality: Oley (TWP)

State Route: 662

Estimated Construction Bid Date: 11/5/2026

Actual Construction Bid Date:

Location: Intersection of SR 662 (Memorial Highway) and SR 2020 (Oley Turnpike Road) in Oley Township, Berks County

Project Description: Construct a roundabout at the intersection of State Route 622 (Memorial Highway) and State Route 2020 (Oley Turnpike Road).

Air Quality Description: Ranked #2 intersection within the Berks County Roundabout Alternative intersection at sites of frequent crashes.

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Construction	HSIP	\$0	\$0	\$2,350	\$1,170	\$304	\$0
Final Design	STP	\$721	\$0	\$0	\$0	\$0	\$0
Right of Way	STP	\$515	\$0	\$0	\$0	\$0	\$0
Utility	HSIP	\$0	\$61	\$0	\$0	\$0	\$0
	Federal:	\$1236	\$61	\$2350	\$1170	\$304	\$0
	State:	\$0	\$0	\$0	\$0	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
		2025	2026	2027	2028	2029 - 2032	2033 - 2036
	Period Totals:	\$1,236	\$61	\$2,350	\$1,170	\$304	\$0
	Total FFY 2025-2036 Cost	\$5,121					

Date: 3/13/2024
9:37:09AM

Reading MPO TIP - Highway & Bridge Projects

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PennDOT Project Id: 109222

New To Planned TIP:

Air Quality Status: Exempt from Regional Conformity Analysis

Project Administrator: PennDOT

Air Quality Exempt Reason: R4 - Changes in vertical and horizontal alignment

Improvement Type: Safety Improvement

Title: SR 73 and 1005 Intersection Improvement

Municipality: Maiden Creek (TWP)

State Route: 73

Estimated Construction Bid Date: 4/1/2029

Actual Construction Bid Date:

Location: Maiden Creek Twp, Berks County, SR 0073 (Lake Shore Drive) and SR 1005 (Calcium Road),

Project Description: This project involves safety improvements to the intersection of State Route 73 (Lake Shore Drive) and State Route 1005 (Calcium Road) to address the skewed "T" intersection.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Final Design	STP	\$247	\$0	\$0	\$0	\$0	\$0
Final Design	581	\$62	\$0	\$0	\$0	\$0	\$0
Utility	STP	\$0	\$0	\$0	\$9	\$0	\$0
Utility	581	\$0	\$0	\$0	\$2	\$0	\$0
Right of Way	STP	\$82	\$0	\$0	\$0	\$0	\$0
Right of Way	581	\$21	\$0	\$0	\$0	\$0	\$0
Construction	STP	\$0	\$0	\$0	\$0	\$927	\$0
Construction	581	\$0	\$0	\$0	\$0	\$232	\$0
Federal:		\$329	\$0	\$0	\$9	\$927	\$0
State:		\$83	\$0	\$0	\$2	\$232	\$0
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		\$412	\$0	\$0	\$11	\$1,159	\$0
Total FFY 2025-2036 Cost		\$1,582					

PennDOT Project Id: 109894

New To Planned TIP:

Air Quality Status: Exempt from Regional Conformity Analysis

Project Administrator: PennDOT

Air Quality Exempt Reason: S19 - Widen narw. pave. or recon brdgs (No addtl lanes)

Improvement Type: Bridge Rehabilitation

Title: SR 61 Bridge Rehabilitation

Municipality: Hamburg (BORO)

State Route: 61

Estimated Construction Bid Date: 9/14/2023

Actual Construction Bid Date: 9/14/2023

Location: SR 61 over State Street (SR 4028), Schuylkill River, & Reading Blue Mountain and Northern RR
Borough of Hamburg / Tilden Township
Berks County

Project Description: This project involves the rehabilitation of the bridge on State Route 61 over State Route 4028 (West State Street), the Schuylkill River and Reading Northern Railroad in the Borough of Hamburg and Tilden Township, Berks County. This project to be let under MPMS 10328 (PA 61 Restoration-Phase 2A).

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Construction	NHPP	\$250	\$0	\$0	\$0	\$0	\$0
Construction	581	\$63	\$0	\$0	\$0	\$0	\$0
Federal:		\$250	\$0	\$0	\$0	\$0	\$0
State:		\$63	\$0	\$0	\$0	\$0	\$0
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		\$313	\$0	\$0	\$0	\$0	\$0
Total FFY 2025-2036 Cost		\$313					

Date: 3/13/2024
9:37:09AM

Reading MPO TIP - Highway & Bridge Projects

PennDOT Project Id: 110008

New To Planned TIP:

Air Quality Status: Significant: Included in regional conformity analysis

Project Administrator: PennDOT

Improvement Type: Widen

Municipality: Wyomissing (BORO)

Title: 222 Auxiliary Lane-Wyomissing "Hard Shoulder"

State Route: 222

Estimated Construction Bid Date: 3/2/2026

Actual Construction Bid Date:

Location: 222 Southbound between Paper Mill Road and Routes 222/422 Interchanges
Wyomissing Borough
Berks County

Project Description: This project involves the addition of an auxiliary lane along US Route 222 Southbound between Paper Mill Road and the US Routes 222 and 422 Interchanges in Wyomissing Borough, Berks County. The project begins where Berkshire Boulevard passes over US Route 222 and continues up and around the hard curve to the Paper Mill Road exit. This project also involves the creation of a corresponding northbound auxiliary lane from the entrance ramp of the State Hill Road interchange to the SR 422 eastbound exit ramp. The additional northbound lane will be created through a combination of minor widening , existing shoulder conversion, minor cross slope adjustments and rechannelization of the existing lane configuration. The project also includes concrete patching, bituminous overlay (including portions of the associated ramps), and preventative maintenance to the bridge spanning Crossing Drive in both directions.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Construction	NHPP	\$0	\$3,000	\$2,500	\$1,364	\$0	\$0
Construction	STP	\$0	\$0	\$0	\$1,000	\$0	\$0
Construction	STU	\$0	\$2,500	\$2,300	\$1,000	\$0	\$0
Construction	581	\$0	\$1,375	\$1,200	\$841	\$0	\$0
Utility	NHPP	\$41	\$0	\$0	\$0	\$0	\$0
Utility	581	\$10	\$0	\$0	\$0	\$0	\$0
	Federal:	\$41	\$5500	\$4800	\$3364	\$0	\$0
	State:	\$10	\$1375	\$1200	\$841	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
		2025	2026	2027	2028	2029 - 2032	2033 - 2036
	Period Totals:	\$51	\$6,875	\$6,000	\$4,205	\$0	\$0
Total FFY 2025-2036 Cost		\$17,131					

PennDOT Project Id: 110011

New To Planned TIP:

Air Quality Status: Exempt from Regional Conformity Analysis

Project Administrator: PennDOT

Improvement Type: Replace/Rehab

Municipality: Longswamp (TWP)

Air Quality Exempt Reason: S19 - Widen narw. pave. or recon brdgs (No addtl lanes)

Title: Berks Box Culvert Bundle

State Route: 1035

Estimated Construction Bid Date: 9/25/2025

Actual Construction Bid Date:

Location: Box Culvert Bundle
Berks County

Project Description: This project involves the replacement of box culverts at various locations in Berks County. The structures in the bundle are State Route 1035 (Valley Road) over Toad Creek and State Route 2032 (Race Street) over a Tributary to West Swamp Creek. These structures are subject to change.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Construction	185	\$1,700	\$1,699	\$0	\$0	\$0	\$0
	Federal:	\$0	\$0	\$0	\$0	\$0	\$0
	State:	\$1700	\$1699	\$0	\$0	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
		2025	2026	2027	2028	2029 - 2032	2033 - 2036
	Period Totals:	\$1,700	\$1,699	\$0	\$0	\$0	\$0
Total FFY 2025-2036 Cost		\$3,399					

Date: 3/13/2024
9:37:09AM

Reading MPO TIP - Highway & Bridge Projects

PennDOT Project Id: 110013

New To Planned TIP:

Air Quality Status: Exempt from Regional Conformity Analysis

Project Administrator: PennDOT

Air Quality Exempt Reason: S19 - Widen narw. pave. or recon brdgs (No addtl lanes)

Improvement Type: Bridge Replacement

Title: SR 4040 (Old Route 22) Bridge Bundle

Municipality: Upper Tulpehocken (TWP)

State Route: 4040

Estimated Construction Bid Date: 2/26/2026

Actual Construction Bid Date:

Location: SR 4040 Bridge Bundle
SR 4040 (Old Route 22)
Berks County

Project Description: This project involves the bridge replacement of a bundle of six bridges on State Route 4040 (Old Route 22) in Bethel and Upper Tulpehocken Townships, Berks County. Structures included in this bundle are bridges that carry SR 4040 over Birch Creek, SR 4040 over Little Northkill Creek, SR 4040 over Cabin Creek, SR 4040 over Mollhead Creek, SR 4040 over a Tributary to Mollhead Creek, and SR 4040 over Northkill Creek.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Construction	STP	\$0	\$2,900	\$1,509	\$0	\$0	\$0
Construction	185	\$0	\$725	\$377	\$0	\$0	\$0
	Federal:	\$0	\$2900	\$1509	\$0	\$0	\$0
	State:	\$0	\$725	\$377	\$0	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	\$0	\$3,625	\$1,886	\$0	\$0	\$0
Total FFY 2025-2036 Cost		\$5,511					

PennDOT Project Id: 110014

New To Planned TIP:

Air Quality Status: Exempt from Regional Conformity Analysis

Project Administrator: PennDOT

Air Quality Exempt Reason: S19 - Widen narw. pave. or recon brdgs (No addtl lanes)

Improvement Type: Bridge Replacement

Title: Rehrersburg Road over Trib Mill Creek

Municipality: Tulpehocken (TWP)

State Route: 419

Estimated Construction Bid Date: 4/1/2026

Actual Construction Bid Date:

Location: SR 419 (Rehrersburg Road) over Tributary to Mill Creek
Tulpehocken Township
Berks County

Project Description: Bridge rehabilitation/ replacement of State Route 419 over Tributary to Mill Creek in Tulpehocken Township, Berks County.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Final Design	BRIP	\$100	\$300	\$12	\$0	\$0	\$0
Final Design	581	\$25	\$75	\$3	\$0	\$0	\$0
Utility	BRIP	\$10	\$30	\$1	\$0	\$0	\$0
Utility	581	\$3	\$8	\$0	\$0	\$0	\$0
Right of Way	BRIP	\$10	\$50	\$22	\$0	\$0	\$0
Right of Way	581	\$3	\$13	\$6	\$0	\$0	\$0
Construction	BRIP	\$0	\$0	\$100	\$900	\$93	\$0
Construction	581	\$0	\$0	\$25	\$225	\$23	\$0
	Federal:	\$120	\$380	\$135	\$900	\$93	\$0
	State:	\$31	\$96	\$34	\$225	\$23	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	\$151	\$476	\$169	\$1,125	\$116	\$0
Total FFY 2025-2036 Cost		\$2,037					

Date: 3/13/2024
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Reading MPO TIP - Highway & Bridge Projects

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PennDOT Project Id: 110016

New To Planned TIP:

Air Quality Status: Exempt from Regional Conformity Analysis

Project Administrator: PennDOT

Air Quality Exempt Reason: S19 - Widen narw. pave. or recon brdgs (No addtl lanes)

Improvement Type: Bridge Replacement

Title: Lancaster Ave over Swatara Creek

Municipality: Bethel (TWP)

State Route: 501

Estimated Construction Bid Date: 9/17/2026

Actual Construction Bid Date:

Location: SR 501 over Swatara Creek
Bethel Township
Berks County

Project Description: Bridge Rehabilitation or Replacement of State Route 501 (Lancaster Avenue) over Swatara Creek in Bethel Township, Berks County.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Final Design	BRIP	\$100	\$147	\$0	\$0	\$0	\$0
Final Design	185	\$25	\$37	\$0	\$0	\$0	\$0
Utility	BRIP	\$0	\$30	\$12	\$0	\$0	\$0
Utility	185	\$0	\$8	\$3	\$0	\$0	\$0
Right of Way	BRIP	\$62	\$0	\$0	\$0	\$0	\$0
Right of Way	185	\$15	\$0	\$0	\$0	\$0	\$0
Construction	BRIP	\$0	\$100	\$900	\$61	\$0	\$0
Construction	185	\$0	\$25	\$225	\$15	\$0	\$0
Federal:		\$162	\$277	\$912	\$61	\$0	\$0
State:		\$40	\$70	\$228	\$15	\$0	\$0
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		\$202	\$347	\$1,140	\$76	\$0	\$0
Total FFY 2025-2036 Cost		\$1,765					

PennDOT Project Id: 110017

New To Planned TIP:

Air Quality Status: Exempt from Regional Conformity Analysis

Project Administrator: PennDOT

Air Quality Exempt Reason: S19 - Widen narw. pave. or recon brdgs (No addtl lanes)

Improvement Type: Bridge Replacement

Title: Alleghenyville Road (SR 3024) over I-176

Municipality: Robeson (TWP)

State Route: 3024

Estimated Construction Bid Date: 2/27/2025

Actual Construction Bid Date:

Location: Alleghenyville Road (SR 3024) over I-176
Robeson Township
Berks County

Project Description: This project involves the replacement of the bridge on State Route 3024 (Alleghenyville Road) over Interstate 176 in Robeson Township, Berks County.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Utility	BOF	\$10	\$0	\$0	\$0	\$0	\$0
Utility	185	\$3	\$0	\$0	\$0	\$0	\$0
Construction	BOF	\$3,000	\$2,204	\$0	\$0	\$0	\$0
Construction	185	\$750	\$551	\$0	\$0	\$0	\$0
Federal:		\$3010	\$2204	\$0	\$0	\$0	\$0
State:		\$753	\$551	\$0	\$0	\$0	\$0
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		\$3,763	\$2,755	\$0	\$0	\$0	\$0
Total FFY 2025-2036 Cost		\$6,518					

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Reading MPO TIP - Highway & Bridge Projects

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PennDOT Project Id: 110075

New To Planned TIP:

Air Quality Status: Significant: Included in regional conformity analysis

Project Administrator: PennDOT

Improvement Type: Existing Signal Improvement

Title: SR 422 Ben Franklin Congested Corridor

Municipality: Amity (TWP)

State Route: 422

Estimated Construction Bid Date: 7/24/2025

Actual Construction Bid Date:

Location: SR 422 Ben Franklin Highway
Amity & Exeter Townships
Berks County

Project Description: Upgrade of 13 signalized intersections to be more traffic responsive to improve traffic flow between Pineland Road and River Bridge Road on SR 422 also known as Ben Franklin Highway in Amity and Exeter Townships, Berks County.

Air Quality Description: Upgrade of 13 signalized intersections to be more traffic responsive to improve traffic flow between Pineland Road and River Bridge Road on SR 422 also known as Ben Franklin Highway in Amity and Exeter Townships, Berks County.

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Utility	CAQ	\$185	\$0	\$0	\$0	\$0	\$0
Utility	581	\$46	\$0	\$0	\$0	\$0	\$0
Construction	CAQ	\$2,300	\$1,000	\$1,438	\$0	\$0	\$0
Construction	CRP	\$0	\$413	\$413	\$0	\$0	\$0
Construction	CRPU	\$0	\$0	\$761	\$0	\$0	\$0
Construction	581	\$575	\$353	\$653	\$0	\$0	\$0
Federal:		\$2485	\$1413	\$2612	\$0	\$0	\$0
State:		\$621	\$353	\$653	\$0	\$0	\$0
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		\$3,106	\$1,766	\$3,265	\$0	\$0	\$0
Total FFY 2025-2036 Cost		\$8,137					

PennDOT Project Id: 110078

New To Planned TIP:

Air Quality Status: Exempt from Regional Conformity Analysis

Project Administrator: PennDOT

Air Quality Exempt Reason: S19 - Widen narw. pave. or recon brdgs (No addtl lanes)

Improvement Type: Replace/Rehab

Title: SR 4040 (Old Route 22) over Trib to Northkill Crk

Municipality: Upper Tulpehocken (TWP)

State Route: 4040

Estimated Construction Bid Date: 2/26/2026

Actual Construction Bid Date:

Location: SR 4040 (Old Route 22) over Northkill Creek
Upper Tulpehocken Township
Berks County

Project Description: This project involves the bridge rehabilitation / replacement of State Route 4040 (Old Route 22) over Northkill Creek in Upper Tulpehocken Township, Berks County.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Utility	STP	\$107	\$0	\$0	\$0	\$0	\$0
Utility	185	\$27	\$0	\$0	\$0	\$0	\$0
Construction	BRIP	\$0	\$1,000	\$867	\$0	\$0	\$0
Construction	185	\$0	\$250	\$217	\$0	\$0	\$0
Federal:		\$107	\$1000	\$867	\$0	\$0	\$0
State:		\$27	\$250	\$217	\$0	\$0	\$0
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		\$134	\$1,250	\$1,084	\$0	\$0	\$0
Total FFY 2025-2036 Cost		\$2,468					

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9:37:09AM

Reading MPO TIP - Highway & Bridge Projects

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PennDOT Project Id: 110088

New To Planned TIP:

Air Quality Status: Exempt from Regional Conformity Analysis

Project Administrator: PennDOT

Air Quality Exempt Reason: S19 - Widen narw. pave. or recon brdgs (No addtl lanes)

Improvement Type: Bridge Rehabilitation

Title: High Boulevard Bridge

Municipality: Cumru (TWP)

State Route: 7103

Estimated Construction Bid Date: 4/1/2027

Actual Construction Bid Date:

Location: High Boulevard Bridge over Angelica Creek
Cumru Township
Berks County

Project Description: Bridge rehabilitation / replacement of municipal owned High Boulevard Bridge (State Route 7103) over Angelica Creek in Cumru Township, Berks County.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Preliminary Engineering	BOF	\$0	\$0	\$100	\$250	\$0	\$0
Preliminary Engineering	LOC	\$0	\$0	\$6	\$16	\$0	\$0
Preliminary Engineering	183	\$0	\$0	\$19	\$47	\$0	\$0
Final Design	BOF	\$0	\$0	\$0	\$0	\$185	\$0
Final Design	LOC	\$0	\$0	\$0	\$0	\$12	\$0
Final Design	183	\$0	\$0	\$0	\$0	\$35	\$0
Utility	BOF	\$0	\$0	\$0	\$0	\$10	\$0
Utility	LOC	\$0	\$0	\$0	\$0	\$1	\$0
Utility	183	\$0	\$0	\$0	\$0	\$2	\$0
Right of Way	BOF	\$0	\$0	\$0	\$0	\$23	\$0
Right of Way	LOC	\$0	\$0	\$0	\$0	\$1	\$0
Right of Way	183	\$0	\$0	\$0	\$0	\$4	\$0
Construction	BOF	\$0	\$0	\$0	\$0	\$2,000	\$460
Federal:		\$0	\$0	\$100	\$250	\$2218	\$460
State:		\$0	\$0	\$19	\$47	\$41	\$0
Local/Other:		\$0	\$0	\$6	\$16	\$14	\$0
Period Totals:		\$0	\$0	\$125	\$313	\$2,273	\$460
Total FFY 2025-2036 Cost		\$3,171					

PennDOT Project Id: 110089

New To Planned TIP:

Air Quality Status: Exempt from Regional Conformity Analysis

Project Administrator: PennDOT

Air Quality Exempt Reason: S19 - Widen narw. pave. or recon brdgs (No addtl lanes)

Improvement Type: Bridge Rehabilitation

Title: Rock Hollow Bridge

Municipality: Robeson (TWP)

State Route: 7233

Estimated Construction Bid Date: 4/1/2027

Actual Construction Bid Date:

Location: Rock Hollow Road
Robeson Township
Berks County

Project Description: Bridge Rehabilitation/ Replacement of municipal owned Rock Hollow Road Bridge over Hay Creek in Robeson Township, Berks County

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Preliminary Engineering	BOF	\$175	\$289	\$0	\$0	\$0	\$0
Final Design	BOF	\$0	\$0	\$328	\$0	\$0	\$0
Utility	BOF	\$0	\$0	\$0	\$0	\$58	\$0
Right of Way	BOF	\$0	\$0	\$109	\$0	\$0	\$0
Construction	BOF	\$0	\$0	\$0	\$0	\$2,319	\$0
Federal:		\$175	\$289	\$437	\$0	\$2377	\$0
State:		\$0	\$0	\$0	\$0	\$0	\$0
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		\$175	\$289	\$437	\$0	\$2,377	\$0
Total FFY 2025-2036 Cost		\$3,278					

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PennDOT Project Id: 110189

New To Planned TIP:

Air Quality Status: Exempt from Regional Conformity Analysis

Project Administrator: PennDOT

Air Quality Exempt Reason: S19 - Widen narw. pave. or recon brdgs (No addtl lanes)

Improvement Type: Replace/Rehab

Title: Old Rte 22 Ovr Birch Creek

Municipality: Upper Tulpehocken (TWP)

State Route: 4040

Estimated Construction Bid Date: 2/26/2026

Actual Construction Bid Date:

Location: Old Rte 22 over Birch Creek, Upper Tulpehocken Township, Berks County

Project Description: This project includes the Utility and Right of Way phases for the rehabilitation/replacement of the State Route 4040 (Old Route 22) bridge over Birch Creek in Upper Tulpehocken Township, Berks County. Preliminary Engineering, Final Design and Construction phases are being completed under the SR 4040 Bridge Rehab Bundle, MPMS #110013. There is another bridge that travels over Birch Creek which is being dealt with under MPMS #110191.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Utility	185	\$31	\$0	\$0	\$0	\$0	\$0
	Federal:	\$0	\$0	\$0	\$0	\$0	\$0
	State:	\$31	\$0	\$0	\$0	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	\$31	\$0	\$0	\$0	\$0	\$0
Total FFY 2025-2036 Cost		\$31					

PennDOT Project Id: 110191

New To Planned TIP:

Air Quality Status: Exempt from Regional Conformity Analysis

Project Administrator: PennDOT

Air Quality Exempt Reason: S19 - Widen narw. pave. or recon brdgs (No addtl lanes)

Improvement Type: Replace/Rehab

Title: SR 4040 (Old Route 22) over Birch Creek

Municipality: Upper Tulpehocken (TWP)

State Route: 4040

Estimated Construction Bid Date: 2/26/2026

Actual Construction Bid Date:

Location: SR 4040 over Birch Creek
Upper Tulpehock Twp.
Berks County

Project Description: This project includes the Utility and Right of Way phases for the rehabilitation/replacement of the State Route 4040 (Old Route 22) bridge over Birch Creek in Upper Tulpehocken Township, Berks County. Preliminary Engineering, Final Design and Construction phases are being completed under the SR 4040 Bridge Rehabilitation Bundle, MPMS #110013. There is another bridge that travels over Birch Creek which is being dealt with under MPMS #110189.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Utility	185	\$31	\$0	\$0	\$0	\$0	\$0
	Federal:	\$0	\$0	\$0	\$0	\$0	\$0
	State:	\$31	\$0	\$0	\$0	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	\$31	\$0	\$0	\$0	\$0	\$0
Total FFY 2025-2036 Cost		\$31					

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PennDOT Project Id: 110192

New To Planned TIP:

Air Quality Status: Exempt from Regional Conformity Analysis

Project Administrator: PennDOT

Air Quality Exempt Reason: S19 - Widen narw. pave. or recon brdgs (No addtl lanes)

Improvement Type: Replace/Rehab

Title: SR 4040 ovr Trib Little Northkill Crk

Municipality: Upper Tulpehocken (TWP)

State Route: 4040

Estimated Construction Bid Date: 2/26/2026

Actual Construction Bid Date:

Location: SR 4040 over Trib to Little Northkill Creek
Upper Tulpehocken
Berks County

Project Description: This project includes the Utility and Right of Way phases for the rehabilitation/replacement of the State Route 4040 (Old Route 22) bridge over a Tributary of Little Northkill Creek in Upper Tulpehocken Township, Berks County. Preliminary Engineering, Final Design and Construction phases are being completed under the SR 4040 Bridge Rehabilitation Bundle, MPMS #110013.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Utility	185	\$31	\$0	\$0	\$0	\$0	\$0
	Federal:	\$0	\$0	\$0	\$0	\$0	\$0
	State:	\$31	\$0	\$0	\$0	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	\$31	\$0	\$0	\$0	\$0	\$0
Total FFY 2025-2036 Cost		\$31					

PennDOT Project Id: 110193

New To Planned TIP:

Air Quality Status: Exempt from Regional Conformity Analysis

Project Administrator: PennDOT

Air Quality Exempt Reason: S19 - Widen narw. pave. or recon brdgs (No addtl lanes)

Improvement Type: Replace/Rehab

Title: SR 4040 over Mollhead Creek

Municipality: Upper Tulpehocken (TWP)

State Route: 4040

Estimated Construction Bid Date: 2/26/2026

Actual Construction Bid Date:

Location: SR 4040 over Mollhead Creek, Upper Tulpehocken, Berks County

Project Description: This project includes the Utility and Right of Way phases for the rehabilitation/replacement of the State Route 4040 (Old Route 22) bridge over Mollhead Creek in Upper Tulpehocken Township, Berks County. Preliminary Engineering, Final Design and Construction phases are being completed under the SR 4040 Bridge Rehabilitation Bundle, MPMS #110013.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Utility	185	\$31	\$0	\$0	\$0	\$0	\$0
	Federal:	\$0	\$0	\$0	\$0	\$0	\$0
	State:	\$31	\$0	\$0	\$0	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	\$31	\$0	\$0	\$0	\$0	\$0
Total FFY 2025-2036 Cost		\$31					

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PennDOT Project Id: 110194

New To Planned TIP:

Air Quality Status: Exempt from Regional Conformity Analysis

Project Administrator: PennDOT

Air Quality Exempt Reason: S19 - Widen narw. pave. or recon brdgs (No addtl lanes)

Improvement Type: Replace/Rehab

Title: SR 4040 ovr Trib Mollhead Crk

Municipality: Upper Tulpehocken (TWP)

State Route: 4040

Estimated Construction Bid Date: 2/26/2026

Actual Construction Bid Date:

Location: SR 4040 over Tributary to Mollhead Creek
Upper Tulpehocken
Berks County

Project Description: This project includes the Utility and Right of Way phases for the rehabilitation/replacement of the State Route 4040 (Old Route 22) bridge over a Tributary to Mollhead Creek in Upper Tulpehocken Township, Berks County. Preliminary Engineering, Final Design and Construction phases are being completed under the SR 4040 Bridge Rehab Bundle, MPMS #110013.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Utility	185	\$31	\$0	\$0	\$0	\$0	\$0
	Federal:	\$0	\$0	\$0	\$0	\$0	\$0
	State:	\$31	\$0	\$0	\$0	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	\$31	\$0	\$0	\$0	\$0	\$0
Total FFY 2025-2036 Cost		\$31					

PennDOT Project Id: 110318

New To Planned TIP:

Air Quality Status: Exempt from Regional Conformity Analysis

Project Administrator: PennDOT

Air Quality Exempt Reason: R1 - Intersection channelization projects

Improvement Type: Intersection Improvement

Title: SR 12 Alsace Manor Int Impvmnts

Municipality: Alsace (TWP)

State Route: 12

Estimated Construction Bid Date: 8/27/2026

Actual Construction Bid Date:

Location: State Route 12 (Pricetwon Road) from Antietam Road (SR 2029) to Mount Laurel Road (SR 1004) in Alsace Township, Berks County.

Project Description: The safety project improvements along State Route 12 (Pricetown Road) include utility relocations, shoulder widening and adding a center two-way left turn lane between the non signalized intersections of Antietam Road (SR 2029) and Mount Laurel Road (SR 1004) including the intersection of SR 12 and Woodside Avenue in Alsace Township, Berks County.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Utility	CAQ	\$50	\$0	\$0	\$0	\$0	\$0
Utility	STP	\$280	\$0	\$0	\$0	\$0	\$0
Utility	581	\$82	\$0	\$0	\$0	\$0	\$0
Construction	STU	\$0	\$1,300	\$1,352	\$0	\$0	\$0
	Federal:	\$330	\$1300	\$1352	\$0	\$0	\$0
	State:	\$82	\$0	\$0	\$0	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	\$412	\$1,300	\$1,352	\$0	\$0	\$0
Total FFY 2025-2036 Cost		\$3,064					

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PennDOT Project Id: 111811

New To Planned TIP:

Air Quality Status: Exempt from Regional Conformity Analysis

Project Administrator: PennDOT

Air Quality Exempt Reason: S19 - Widen narw. pave. or recon brdgs (No addtl lanes)

Improvement Type: Bridge Replacement

Title: SR 4040 Northkill Creek UBT

Municipality: Upper Bern (TWP)

State Route: 4040

Estimated Construction Bid Date: 2/26/2026

Actual Construction Bid Date:

Location: SR 4040 over Northkill Creek
Upper Bern Township
Berks County

Project Description: This project includes the Utility and Right of Way phases for the replacement of the State Route 4040 (Old Route 22) bridge over Northkill Creek in Upper Bern Township, Berks County. Preliminary Engineering, Final Design and Construction phases are being completed under the SR 4040 Bridge Rehabilitation Bundle (MPMS #110013). There is another bridge that travels over Northkill Creek which is being dealt with under MPMS #110078.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Utility	185	\$31	\$0	\$0	\$0	\$0	\$0
	Federal:	\$0	\$0	\$0	\$0	\$0	\$0
	State:	\$31	\$0	\$0	\$0	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
		2025	2026	2027	2028	2029 - 2032	2033 - 2036
	Period Totals:	\$31	\$0	\$0	\$0	\$0	\$0
	Total FFY 2025-2036 Cost	\$31					

PennDOT Project Id: 113325

New To Planned TIP: Y

Air Quality Status: Exempt from Regional Conformity Analysis

Project Administrator: PennDOT

Air Quality Exempt Reason: X1 - Actvty's not leading to constr. (plan & tech study)

Improvement Type: Transportation Study

Title: Hamburg Traffic Study

Municipality: Hamburg (BORO)

State Route: 4028

Estimated Construction Bid Date:

Actual Construction Bid Date:

Location: SR 4028 and SR 4035, Borough of Hamburg, Berks County

Project Description: This project will involve selected recommendations from an ongoing Comprehensive Transportation Study on State Street (SR 4028) and Fourth Street (SR 4035) within the Borough of Hamburg in Berks County.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Construction	STU	\$0	\$0	\$0	\$0	\$0	\$1,305
Construction	581	\$0	\$0	\$0	\$0	\$0	\$326
Preliminary Engineering	STU	\$185	\$55	\$0	\$0	\$0	\$0
Final Design	STU	\$0	\$0	\$76	\$0	\$0	\$0
Final Design	581	\$0	\$0	\$19	\$0	\$0	\$0
	Federal:	\$185	\$55	\$76	\$0	\$0	\$1305
	State:	\$0	\$0	\$19	\$0	\$0	\$326
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
		2025	2026	2027	2028	2029 - 2032	2033 - 2036
	Period Totals:	\$185	\$55	\$95	\$0	\$0	\$1,631
	Total FFY 2025-2036 Cost	\$1,966					

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PennDOT Project Id: 113825

New To Planned TIP:

Air Quality Status: Exempt from Regional Conformity Analysis

Project Administrator: PennDOT

Air Quality Exempt Reason: S10 - Pavement resurfacing and/or rehabilitation

Improvement Type: Resurface

Title: Limekiln Road Resurface SR 562 to US 422 WB

Municipality: Amity (TWP)

State Route: 2025

Estimated Construction Bid Date:

Actual Construction Bid Date:

Location: SR 2025 (Limekiln Road) from SR 562 (Boyertown Pike) to the 422 WB ramps
Amity Township

Project Description: This project provides for the resurfacing of Limekiln Road, State Route 2025, from State Route 562 (Boyertown Pike) to the US 422 westbound ramps in Amity Township.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Construction	581	\$0	\$0	\$0	\$550	\$125	\$0
	Federal:	\$0	\$0	\$0	\$0	\$0	\$0
	State:	\$0	\$0	\$0	\$550	\$125	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
		2025	2026	2027	2028	2029 - 2032	2033 - 2036
	Period Totals:	\$0	\$0	\$0	\$550	\$125	\$0
	Total FFY 2025-2036 Cost	\$675					

PennDOT Project Id: 114378

New To Planned TIP:

Air Quality Status: Exempt from Regional Conformity Analysis

Project Administrator: PennDOT

Air Quality Exempt Reason: S19 - Widen narw. pave. or recon brdgs (No addtl lanes)

Improvement Type: Bridge Preservation Activities

Title: RATS Bridge Preservation #9

Municipality: Ruscombmanor (TWP)

State Route: 662

Estimated Construction Bid Date: 8/24/2023

Actual Construction Bid Date: 8/24/2023

Location: Various Sites - subject to change based upon ongoing bridge inspections
Various Municipalities - Albany Twp., Tulpehocken Twp.
Berks County

Project Description: This project funds consultant design, construction of bridge repairs and preservation of various bridges in Berks County to reduce outstanding priority bridge repair items.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Construction	185	\$50	\$0	\$0	\$0	\$0	\$0
	Federal:	\$0	\$0	\$0	\$0	\$0	\$0
	State:	\$50	\$0	\$0	\$0	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
		2025	2026	2027	2028	2029 - 2032	2033 - 2036
	Period Totals:	\$50	\$0	\$0	\$0	\$0	\$0
	Total FFY 2025-2036 Cost	\$50					

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PennDOT Project Id: 114386

New To Planned TIP:

Air Quality Status: Exempt from Regional Conformity Analysis

Project Administrator: PennDOT

Air Quality Exempt Reason: S19 - Widen narw. pave. or recon brdgs (No addtl lanes)

Improvement Type: Bridge Replacement

Title: Route 419 Culvert Replacement

Municipality: Tulpehocken (TWP)

State Route: 419

Estimated Construction Bid Date:

Actual Construction Bid Date:

Location: Rehrersburg Road (SR 419) over Trib to Mill Creek
Tulpehocken Township
Berks County

Project Description: Box Culvert replacement on Rehrersburg Road (State Route 419) over tributary to Mill Creek in Tulpehocken Township, Berks County on district wide contract.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Utility	185	\$0	\$0	\$0	\$0	\$12	\$0
Right of Way	185	\$0	\$0	\$0	\$17	\$0	\$0
	Federal:	\$0	\$0	\$0	\$0	\$0	\$0
	State:	\$0	\$0	\$0	\$17	\$12	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
		2025	2026	2027	2028	2029 - 2032	2033 - 2036
	Period Totals:	\$0	\$0	\$0	\$17	\$12	\$0
	Total FFY 2025-2036 Cost	\$29					

PennDOT Project Id: 114392

New To Planned TIP:

Air Quality Status: Exempt from Regional Conformity Analysis

Project Administrator: PennDOT

Air Quality Exempt Reason: S19 - Widen narw. pave. or recon brdgs (No addtl lanes)

Improvement Type: Bridge Replacement

Title: Berks Box Culvert Bundle #2

Municipality: Bally (BORO)

State Route: 100

Estimated Construction Bid Date: 4/1/2027

Actual Construction Bid Date:

Location: Various Locations, Berks County

Project Description: This project involves the rehabilitation / replacement of box culverts at various locations in Berks County. The bridges included in the bundle are subject to change.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Preliminary Engineering	185	\$0	\$0	\$400	\$966	\$0	\$0
Construction	185	\$0	\$0	\$0	\$0	\$2,149	\$0
Final Design	185	\$0	\$0	\$0	\$0	\$464	\$0
	Federal:	\$0	\$0	\$0	\$0	\$0	\$0
	State:	\$0	\$0	\$400	\$966	\$2613	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
		2025	2026	2027	2028	2029 - 2032	2033 - 2036
	Period Totals:	\$0	\$0	\$400	\$966	\$2,613	\$0
	Total FFY 2025-2036 Cost	\$3,979					

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Reading MPO TIP - Highway & Bridge Projects

PennDOT Project Id: 114439 New To Planned TIP: Air Quality Status: Significant: Included in regional conformity analysis

Project Administrator: PennDOT

Improvement Type: Reconstruct

Municipality: Cumru (TWP)

Title: West Shore Bypass - Phase 1

State Route: 422

Estimated Construction Bid Date: 7/15/2027

Actual Construction Bid Date:

Location: West Shore Bypass from Buttonwood Street overpass in West Reading to Schuylkill River Bridge east of I-176 in Exeter Township, Berks County.

Project Description: This project involves highway reconstruction/widening of US Route 422 (the West Shore Bypass) including complete reconstruction to six lanes beginning at Buttonwood Street overpass in West Reading through the Lancaster Avenue interchange in the City of Reading. This reconstruction includes reconfiguration of the Penn Street/Penn Avenue interchange and the Lancaster Avenue interchange, reconstruction of the Bingaman Street Bridge and associated bicycle and pedestrian connections. The project also includes replacement of the Schuylkill River Bridge and 422 over Norfolk Southern Railroad bridges west of the Interstate 176 interchange, including reconstruction of the I-176 N to US 422 W on-ramp in Cumru Township, Berks County. Also included are preventative maintenance activities on US 422 Bridges over Brentwood Drive, Schuylkill River east of Lancaster Avenue and the bridge over Schuylkill River east of Interstate 176.

PE phase was completed under MPMS #72814.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Final Design	NHPP	\$5,768	\$0	\$0	\$0	\$0	\$0
Final Design	581	\$1,442	\$0	\$0	\$0	\$0	\$0
Construction	OTH-F	\$0	\$0	\$15,000	\$15,000	\$45,000	\$0
Construction	STP	\$0	\$0	\$0	\$34,000	\$140,000	\$71,239
Construction	STU	\$0	\$0	\$0	\$0	\$6,000	\$0
Construction	581	\$0	\$0	\$0	\$14,000	\$48,810	\$0
Utility	NHPP	\$0	\$0	\$3,000	\$1,000	\$1,070	\$0
Utility	581	\$0	\$0	\$750	\$250	\$268	\$0
Federal:		\$5768	\$0	\$18000	\$50000	\$192070	\$71239
State:		\$1442	\$0	\$750	\$14250	\$49078	\$0
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
		2025	2026	2027	2028	2029 - 2032	2033 - 2036
Period Totals:		\$7,210	\$0	\$18,750	\$64,250	\$241,148	\$71,239
Total FFY 2025-2036 Cost		\$402,597					

PennDOT Project Id: 114459

New To Planned TIP:

Air Quality Status: Exempt from Regional Conformity Analysis

Project Administrator: PennDOT

Air Quality Exempt Reason: S19 - Widen narw. pave. or recon brdgs (No addtl lanes)

Improvement Type: Bridge Rehabilitation

Title: Huffs Church Rd over Br Perkiomen Creek

Municipality: Hereford (TWP)

State Route: 1022

Estimated Construction Bid Date:

Actual Construction Bid Date:

Location: SR 1022 (Huffs Church Road)
over Branch of Perkiomen Creek

Project Description: Box Culvert rehabilitation/replacement State Route 1022 (Huffs Church Road) over branch of Perkiomen Creek to be included with district wide box culvert bundle package.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Utility	185	\$0	\$0	\$0	\$0	\$14	\$0
Right of Way	185	\$0	\$0	\$0	\$23	\$0	\$0
Federal:		\$0	\$0	\$0	\$0	\$0	\$0
State:		\$0	\$0	\$0	\$23	\$14	\$0
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
		2025	2026	2027	2028	2029 - 2032	2033 - 2036
Period Totals:		\$0	\$0	\$0	\$23	\$14	\$0
Total FFY 2025-2036 Cost		\$37					

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Reading MPO TIP - Highway & Bridge Projects

PennDOT Project Id: 114485

New To Planned TIP:

Air Quality Status: Exempt from Regional Conformity Analysis

Project Administrator: PennDOT

Air Quality Exempt Reason: S19 - Widen narw. pave. or recon brdgs (No addtl lanes)

Improvement Type: Bridge Preservation Activities

Title: RATS Bridge Preservation #10

Municipality: Robeson (TWP)

State Route: 568

Estimated Construction Bid Date: 7/24/2025

Actual Construction Bid Date:

Location: Various Sites
Various Municipalities
Berks County

Project Description: This project funds consultant design, construction of bridge repairs and preservation of various bridges in Berks County to reduce outstanding priority bridge repair items.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Construction	BRIP	\$2,350	\$534	\$0	\$0	\$0	\$0
	Federal:	\$2350	\$534	\$0	\$0	\$0	\$0
	State:	\$0	\$0	\$0	\$0	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	\$2,350	\$534	\$0	\$0	\$0	\$0
Total FFY 2025-2036 Cost		\$2,884					

PennDOT Project Id: 114489

New To Planned TIP: Y

Air Quality Status: Exempt from Regional Conformity Analysis

Project Administrator: PennDOT

Air Quality Exempt Reason: S19 - Widen narw. pave. or recon brdgs (No addtl lanes)

Improvement Type: Bridge Rehabilitation

Title: RATS Bridge Preservation #11

Municipality: Centre (TWP)

State Route: 4020

Estimated Construction Bid Date: 5/11/2028

Actual Construction Bid Date:

Location: Various bridges in Berks County

Project Description: This project funds consultant design, construction of bridge repairs and preservation of various bridges in Berks County to reduce outstanding priority bridge repair items.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Preliminary Engineering	185	\$361	\$0	\$0	\$0	\$0	\$0
Construction	185	\$0	\$0	\$0	\$2,000	\$3,628	\$0
	Federal:	\$0	\$0	\$0	\$0	\$0	\$0
	State:	\$361	\$0	\$0	\$2000	\$3628	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	\$361	\$0	\$0	\$2,000	\$3,628	\$0
Total FFY 2025-2036 Cost		\$5,989					

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Reading MPO TIP - Highway & Bridge Projects

PennDOT Project Id: 115991

New To Planned TIP:

Air Quality Status: Exempt from Regional Conformity Analysis

Project Administrator: PennDOT

Air Quality Exempt Reason: S19 - Widen narw. pave. or recon brdgs (No addtl lanes)

Improvement Type: Bridge Replacement

Title: Centennial Road Dual Pipe Replacement

Municipality: Longswamp (TWP)

State Route: 1025

Estimated Construction Bid Date:

Actual Construction Bid Date:

Location: Centennial Road (SR 1025) over trib to Little Lehigh Creek
Longswamp Township
Berks County

Project Description: Bridge replacement or rehabilitation of dual pipes that carries Centennial Road (State Route 1025) over the tributary to Little Lehigh Creek in Longswamp Township, Berks County.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Utility	185	\$0	\$0	\$0	\$0	\$9	\$0
Right of Way	185	\$0	\$0	\$0	\$17	\$0	\$0
	Federal:	\$0	\$0	\$0	\$0	\$0	\$0
	State:	\$0	\$0	\$0	\$17	\$9	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	\$0	\$0	\$0	\$17	\$9	\$0
Total FFY 2025-2036 Cost		\$26					

PennDOT Project Id: 116478

New To Planned TIP:

Air Quality Status: Exempt from Regional Conformity Analysis

Project Administrator: PennDOT

Air Quality Exempt Reason: S19 - Widen narw. pave. or recon brdgs (No addtl lanes)

Improvement Type: Bridge Replacement

Title: Smoketown Road over Little Sacony Creek

Municipality: Rockland (TWP)

State Route: 1029

Estimated Construction Bid Date: 10/9/2025

Actual Construction Bid Date:

Location: SR 1029 over Little Sacony Creek
Rockland Township
Berks County

Project Description: This project involves the replacement of the bridge on Smoketown Road (State Route 1029) over Little Sacony Creek in Rockland Township, Berks County.

On May 6, 2021, the bridge carrying SR 1029 (Smoketown Road) over Sacony Creek was closed due to severe scour damage following a heavy rain event on May 5, 2021. Advanced scour was discovered at the north abutment, resulting in the abutment settling over nine inches. The structure was ultimately removed following this failure. Further observations at the site indicated significant contraction scour from the former bridge location and confinement created by the elevated roadway approaches. The elevated roadway restricts floodplain access and prevents floodwaters from dissipating energy into the floodplain due to the channel running parallel along the edge of roadway. The sharp curvature of the stream at the bridge location also results in increased shear stress and bank erosion. Due to the previous failure and site observations, it was evident the project would need to improve the stream channel and design the bridge for future storm events to provide a resilient structure and roadway.

The SR 1029-01B improvements that qualify for PROTECT funding include: restoring and realigning Sacony Creek through the project site, lengthening the proposed bridge to accommodate the redesigned channel, stabilizing and strengthening the Northeast streambank, and installing riprap and other natural counter measures to limit future scour. The redesigned channel will improve the alignment with the proposed bridge, increase sinuosity and floodplain connectivity, reduce shear stress adjacent to the bridge and stabilize the streambed elevations. As part of the design, a 20% increase to the 100-year flows will be included in the hydrologic and hydraulic analysis. This will result in a resilient bridge replacement able to mitigate the impacts of high flow events. These improvements will also lead to less maintenance and improve the stability the approach roadway. Right-of-Way acquisition required for the project also qualifies for PROTECT funding as these areas will be acquired to accommodate the redesigned stream channel and proposed bridge.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Utility	185	\$15	\$16	\$0	\$0	\$0	\$0
Construction	PRTCT	\$0	\$2,122	\$0	\$0	\$0	\$0
	Federal:	\$0	\$2122	\$0	\$0	\$0	\$0
	State:	\$15	\$16	\$0	\$0	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	\$15	\$2,138	\$0	\$0	\$0	\$0
Total FFY 2025-2036 Cost		\$2,153					

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Reading MPO TIP - Highway & Bridge Projects

PennDOT Project Id: 116907

New To Planned TIP:

Air Quality Status: Exempt from Regional Conformity Analysis

Project Administrator: PennDOT

Air Quality Exempt Reason: X1 - Actvty not leading to constr. (plan & tech study)

Improvement Type: Miscellaneous

Title: Geotech In-House Assistance

Municipality: Greenwich (TWP)

State Route: 143

Estimated Construction Bid Date:

Actual Construction Bid Date:

Location: Various locations throughout Berks County

Project Description: This project involves Geo-Technical In-House assistance services to address rock slides, sinkholes, retaining walls, and other unknowns throughout Berks County.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Preliminary Engineering	581	\$50	\$50	\$50	\$50	\$200	\$200
	Federal:	\$0	\$0	\$0	\$0	\$0	\$0
	State:	\$50	\$50	\$50	\$50	\$200	\$200
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
		2025	2026	2027	2028	2029 - 2032	2033 - 2036
	Period Totals:	\$50	\$50	\$50	\$50	\$200	\$200
	Total FFY 2025-2036 Cost	\$600					

PennDOT Project Id: 117603

New To Planned TIP: Y

Air Quality Status: Significant: Included in regional conformity analysis

Project Administrator: PennDOT

Improvement Type: Corridor Safety Improvement

Title: State Hill Road - SR 222 SB to Norfolk Southern RR

Municipality: Wyomissing (BORO)

State Route: 3023

Estimated Construction Bid Date: 12/3/2026

Actual Construction Bid Date:

Location: Wyomissing Borough - SR 222 southbound ramps to Norfolk Southern Railroad overpass

Project Description: This project involves improvements to State Hill Road (SR 3023) intersections with State Route 222 southbound ramps, State Route 222 northbound ramps and Spring Street/Granite Point Drive with addition of a roundabout at State Route 222 southbound and addition of a roundabout combining the State Route 222 northbound and Spring Street intersections, in Wyomissing Borough, Berks County.

Air Quality Description: Conversion of three signalized intersections into multiple roundabouts.

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Final Design	HSIP	\$1,571	\$0	\$0	\$0	\$0	\$0
Utility	HSIP	\$0	\$0	\$109	\$0	\$0	\$0
Right of Way	HSIP	\$309	\$0	\$0	\$0	\$0	\$0
Construction	CAQ	\$0	\$0	\$0	\$0	\$1,000	\$0
Construction	CRP	\$0	\$0	\$0	\$0	\$400	\$0
Construction	CRPU	\$0	\$0	\$0	\$0	\$700	\$0
Construction	HSIP	\$0	\$0	\$0	\$2,100	\$5,634	\$0
	Federal:	\$1880	\$0	\$109	\$2100	\$7734	\$0
	State:	\$0	\$0	\$0	\$0	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
		2025	2026	2027	2028	2029 - 2032	2033 - 2036
	Period Totals:	\$1,880	\$0	\$109	\$2,100	\$7,734	\$0
	Total FFY 2025-2036 Cost	\$11,823					

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Reading MPO TIP - Highway & Bridge Projects

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PennDOT Project Id: 117620

New To Planned TIP:

Air Quality Status: Significant: Included in regional conformity analysis

Project Administrator: PennDOT

Improvement Type: Corridor Safety Improvement

Title: State Hill Road - Norfolk Southern RR to Penn Ave.

Municipality: Wyomissing (BORO)

State Route: 3023

Estimated Construction Bid Date: 1/18/2029

Actual Construction Bid Date:

Location: Wyomissing Borough - Norfolk Southern Railroad overpass to and including Penn Avenue

Project Description: This project involves the conversion of State Hill Road (State Route 3023) intersection with Penn Avenue (Business 422) into a roundabout to improve safety and reduce congestion in Wyomissing Borough, Berks County.

Air Quality Description: Conversion of signalized intersection into a roundabout.

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Final Design	CAQ	\$0	\$0	\$437	\$0	\$0	\$0
Final Design	581	\$0	\$0	\$109	\$0	\$0	\$0
Utility	CAQ	\$0	\$0	\$100	\$300	\$256	\$0
Right of Way	CAQ	\$0	\$0	\$400	\$911	\$0	\$0
Right of Way	581	\$0	\$0	\$100	\$228	\$0	\$0
Construction	CAQ	\$0	\$0	\$0	\$0	\$5,101	\$0
	Federal:	\$0	\$0	\$937	\$1211	\$5357	\$0
	State:	\$0	\$0	\$209	\$228	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
		2025	2026	2027	2028	2029 - 2032	2033 - 2036
	Period Totals:	\$0	\$0	\$1,146	\$1,439	\$5,357	\$0
	Total FFY 2025-2036 Cost	\$7,942					

PennDOT Project Id: 117622

New To Planned TIP:

Air Quality Status: Exempt from Regional Conformity Analysis

Project Administrator: PennDOT

Air Quality Exempt Reason: S11 - Pavement marking demonstration

Improvement Type: Reflective Pavement Markers

Title: RATS AWPM - 2025

Municipality: Richmond (TWP)

State Route: 222

Estimated Construction Bid Date: 3/13/2025

Actual Construction Bid Date:

Location: Various state routes in various municipalities in Berks County

Project Description: Installation of all weather pavement marking on various state routes in various municipalities in Berks County.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Construction	STP	\$400	\$0	\$400	\$0	\$800	\$0
	Federal:	\$400	\$0	\$400	\$0	\$800	\$0
	State:	\$0	\$0	\$0	\$0	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
		2025	2026	2027	2028	2029 - 2032	2033 - 2036
	Period Totals:	\$400	\$0	\$400	\$0	\$800	\$0
	Total FFY 2025-2036 Cost	\$1,600					

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Reading MPO TIP - Highway & Bridge Projects

PennDOT Project Id: 117721

New To Planned TIP: Y

Air Quality Status: Exempt from Regional Conformity Analysis

Project Administrator: PennDOT

Air Quality Exempt Reason: SDY - Study

Improvement Type: Restoration

Title: SR 183 (Bernville Road) Lane Drop Hourglass Fix

Municipality: Bern (TWP)

State Route: 183

Estimated Construction Bid Date:

Actual Construction Bid Date:

Location: Bern Township, Berks County

Project Description: This project involves the widening of SR 183 (Bernville Road) to eliminate the narrow section between the US 222 and West Leesport Road in Bern Township, Berks County. Note that this is for a Study phase only at this time.

Air Quality Description: Adding capacity. Note that this is for a Study phase only at this time.

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Study	STU	\$773	\$0	\$0	\$0	\$0	\$0
	Federal:	\$773	\$0	\$0	\$0	\$0	\$0
	State:	\$0	\$0	\$0	\$0	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	\$773	\$0	\$0	\$0	\$0	\$0
Total FFY 2025-2036 Cost		\$773					

PennDOT Project Id: 117724

New To Planned TIP:

Air Quality Status: Exempt from Regional Conformity Analysis

Project Administrator: PennDOT

Air Quality Exempt Reason: S19 - Widen narw. pave. or recon brdgs (No addtl lanes)

Improvement Type: Bridge Rehabilitation

Title: Long Lane (SR 1024) over Mill Creek

Municipality: Maxatawny (TWP)

State Route: 1024

Estimated Construction Bid Date: 8/17/2028

Actual Construction Bid Date:

Location: SR 1024 (Long Lane) over Mill Creek
Maxatawny Township
Berks County

Project Description: This project involves the rehabilitation and/or replacement of the structure carrying SR 1024 (Long Lane) over Mill Creek in Maxatawny Township, Berks County.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Final Design	BRIP	\$0	\$175	\$122	\$0	\$0	\$0
Final Design	185	\$0	\$44	\$31	\$0	\$0	\$0
Utility	BRIP	\$0	\$0	\$0	\$0	\$19	\$0
Utility	185	\$0	\$0	\$0	\$0	\$5	\$0
Right of Way	BRIP	\$0	\$42	\$0	\$0	\$0	\$0
Right of Way	185	\$0	\$11	\$0	\$0	\$0	\$0
Construction	BRIP	\$0	\$0	\$0	\$0	\$1,093	\$0
Construction	581	\$0	\$0	\$0	\$0	\$273	\$0
	Federal:	\$0	\$217	\$122	\$0	\$1112	\$0
	State:	\$0	\$55	\$31	\$0	\$278	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	\$0	\$272	\$153	\$0	\$1,390	\$0
Total FFY 2025-2036 Cost		\$1,815					

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Reading MPO TIP - Highway & Bridge Projects

PennDOT Project Id: 117725

New To Planned TIP:

Air Quality Status: Exempt from Regional Conformity Analysis

Project Administrator: PennDOT

Air Quality Exempt Reason: S19 - Widen narw. pave. or recon brdgs (No addtl lanes)

Improvement Type: Bridge Replacement

Title: Meckville Road over Meck Creek

Municipality: Bethel (TWP)

State Route: 4005

Estimated Construction Bid Date: 4/1/2028

Actual Construction Bid Date:

Location: SR 4005 over Meck Creek
Bethel Township
Berks County

Project Description: This project involves the rehabilitation or replacement of the bridge carrying State Route 4005 over Meck Creek in Bethel Township, Berks County.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Final Design	BOF	\$0	\$0	\$350	\$0	\$0	\$0
Final Design	185	\$0	\$0	\$87	\$0	\$0	\$0
Right of Way	BOF	\$0	\$0	\$52	\$0	\$0	\$0
Right of Way	185	\$0	\$0	\$13	\$0	\$0	\$0
Construction	BOF	\$0	\$0	\$0	\$400	\$680	\$0
Construction	185	\$0	\$0	\$0	\$100	\$170	\$0
Utility	BOF	\$0	\$0	\$0	\$18	\$0	\$0
Utility	185	\$0	\$0	\$0	\$5	\$0	\$0
Federal:		\$0	\$0	\$402	\$418	\$680	\$0
State:		\$0	\$0	\$100	\$105	\$170	\$0
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		\$0	\$0	\$502	\$523	\$850	\$0
Total FFY 2025-2036 Cost		\$1,875					

PennDOT Project Id: 117726

New To Planned TIP:

Air Quality Status: Exempt from Regional Conformity Analysis

Project Administrator: PennDOT

Air Quality Exempt Reason: S19 - Widen narw. pave. or recon brdgs (No addtl lanes)

Improvement Type: Bridge Replacement

Title: SR 4028 (Old Route 22) over Maiden Creek

Municipality: Greenwich (TWP)

State Route: 4028

Estimated Construction Bid Date: 4/1/2029

Actual Construction Bid Date:

Location: State Route 4028 (Old Roue 22) over the Maiden Creek Tributary
Greenwich Township
Berks County.

Project Description: This project involves the rehabilitation or replacement of the bridge carrying State Route 4028 (old Route 22) over the Maiden Creek triibutary in Greenwich Township, Berks County.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Preliminary Engineering	STP	\$209	\$0	\$0	\$0	\$0	\$0
Preliminary Engineering	185	\$52	\$0	\$0	\$0	\$0	\$0
Final Design	STP	\$0	\$255	\$0	\$0	\$0	\$0
Final Design	185	\$0	\$64	\$0	\$0	\$0	\$0
Utility	185	\$0	\$0	\$0	\$0	\$12	\$0
Right of Way	185	\$0	\$21	\$0	\$0	\$0	\$0
Construction	BRIP	\$0	\$0	\$0	\$0	\$1,623	\$0
Construction	185	\$0	\$0	\$0	\$0	\$406	\$0
Federal:		\$209	\$255	\$0	\$0	\$1623	\$0
State:		\$52	\$85	\$0	\$0	\$418	\$0
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		\$261	\$340	\$0	\$0	\$2,041	\$0
Total FFY 2025-2036 Cost		\$2,642					

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Reading MPO TIP - Highway & Bridge Projects

PennDOT Project Id: 117973

New To Planned TIP:

Air Quality Status: Exempt from Regional Conformity Analysis

Project Administrator: PennDOT

Air Quality Exempt Reason: S8 - Railroad/highway crossing warning devices

Improvement Type: RR Warning Devices

Title: Walnuttown Road Crossing

Municipality: Richmond (TWP)

State Route: 1011

Estimated Construction Bid Date:

Actual Construction Bid Date:

Location: SR 1011 (Walnuttown Road)
Richmond Township
Berks County

Project Description: Upgrade existing at-grade rail crossing warning devices for Norfolk Southern (NS) mainline double track to flashing lights with gates along State Route 1011 (Walnuttown Road) in Richmond Township, Berks County.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Construction	RRX	\$0	\$0	\$454	\$0	\$0	\$0
	Federal:	\$0	\$0	\$454	\$0	\$0	\$0
	State:	\$0	\$0	\$0	\$0	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
		2025	2026	2027	2028	2029 - 2032	2033 - 2036
	Period Totals:	\$0	\$0	\$454	\$0	\$0	\$0
	Total FFY 2025-2036 Cost	\$454					

PennDOT Project Id: 120983

New To Planned TIP: Y

Air Quality Status: Exempt from Regional Conformity Analysis

Project Administrator: PennDOT

Air Quality Exempt Reason: S14 - Skid treatments

Improvement Type: Surface Treatment

Title: High Friction Surface Treatments (Berks 2025)

Municipality: Leesport (BORO)

State Route: 61

Estimated Construction Bid Date: 10/1/2025

Actual Construction Bid Date:

Location: Along various state routes in various municipalities in Berks County.

Project Description: This project involves the application of high friction surface treatments to various identified locations within Berks County.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Construction	HSIP	\$780	\$0	\$400	\$0	\$800	\$0
	Federal:	\$780	\$0	\$400	\$0	\$800	\$0
	State:	\$0	\$0	\$0	\$0	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
		2025	2026	2027	2028	2029 - 2032	2033 - 2036
	Period Totals:	\$780	\$0	\$400	\$0	\$800	\$0
	Total FFY 2025-2036 Cost	\$1,980					

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PennDOT Project Id: 120988

New To Planned TIP: Y

Air Quality Status: Exempt from Regional Conformity Analysis

Project Administrator: PennDOT

Air Quality Exempt Reason: S9 - Guardrails, median barriers, crash cushions

Improvement Type: Guiderail Improvement

Title: BPN-4 Guiderail Upgrades

Municipality: Douglass (TWP)

State Route: 2065

Estimated Construction Bid Date: 4/1/2025

Actual Construction Bid Date:

Location: Various Locations
Berks County

Project Description: This is funding set aside to address BPN-4 Guide Rail Upgrades at Various Locations, in Berks County.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Construction	581	\$50	\$50	\$50	\$50	\$200	\$200
	Federal:	\$0	\$0	\$0	\$0	\$0	\$0
	State:	\$50	\$50	\$50	\$50	\$200	\$200
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	\$50	\$50	\$50	\$50	\$200	\$200
Total FFY 2025-2036 Cost		\$600					

PennDOT Project Id: 120991

New To Planned TIP: Y

Air Quality Status: Exempt from Regional Conformity Analysis

Project Administrator: PennDOT

Air Quality Exempt Reason: S6 - Safety improvement program

Improvement Type: Video Cameras

Title: RATS ITS Camera Gaps

Municipality: Bethel (TWP)

State Route: 78

Estimated Construction Bid Date: 4/1/2025

Actual Construction Bid Date:

Location: Various locations.
Berks County

Project Description: This project involves the installation of closed circuit television cameras at the following four locations: on I-78 at Exit 13, on US 222 between Mohns Hill Road and Business US 222, on US 422 east of the Business US 422 split, and the US 222 and Business US 222 interchange in Berks County.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Final Design	STP	\$13	\$0	\$0	\$0	\$0	\$0
Construction	STP	\$158	\$0	\$0	\$0	\$0	\$0
	Federal:	\$171	\$0	\$0	\$0	\$0	\$0
	State:	\$0	\$0	\$0	\$0	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	\$171	\$0	\$0	\$0	\$0	\$0
Total FFY 2025-2036 Cost		\$171					

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Reading MPO TIP - Highway & Bridge Projects

PennDOT Project Id: 120995

New To Planned TIP: Y

Air Quality Status: Exempt from Regional Conformity Analysis

Project Administrator: PennDOT

Air Quality Exempt Reason: S19 - Widen narw. pave. or recon brdgs (No addtl lanes)

Improvement Type: Bridge Replacement

Title: Municipal Bridge Line Item

Municipality: Reading (CITY)

State Route: 0

Estimated Construction Bid Date:

Actual Construction Bid Date:

Location: Various Locations
Berks County

Project Description: This project involves the creation of a Municipal Bridge Reserve Line Item to repair, rehabilitate, or replace off-network locally-owned bridges in Berks County.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Construction	BOF	\$0	\$0	\$600	\$1,800	\$4,100	\$1,695
	Federal:	\$0	\$0	\$600	\$1800	\$4100	\$1695
	State:	\$0	\$0	\$0	\$0	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	\$0	\$0	\$600	\$1,800	\$4,100	\$1,695
Total FFY 2025-2036 Cost		\$8,195					

PennDOT Project Id: 121039

New To Planned TIP: Y

Air Quality Status: Exempt from Regional Conformity Analysis

Project Administrator: PennDOT

Air Quality Exempt Reason: S10 - Pavement resurfacing and/or rehabilitation

Improvement Type: Resurface

Title: Berks High Volume Ralumac Microsurfacing

Municipality: Cumru (TWP)

State Route: 3222

Estimated Construction Bid Date: 4/1/2025

Actual Construction Bid Date:

Location: Various locations
Berks County

Project Description: This project involves Ralumac microsurfacing on high volume roads in various location, Berks County.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Construction	581	\$5,081	\$4,877	\$3,403	\$5,461	\$9,637	\$0
	Federal:	\$0	\$0	\$0	\$0	\$0	\$0
	State:	\$5081	\$4877	\$3403	\$5461	\$9637	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	\$5,081	\$4,877	\$3,403	\$5,461	\$9,637	\$0
Total FFY 2025-2036 Cost		\$28,459					

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Fund Category Appendix

Fund Category	Fund Category Description	Fund Category	Fund Category Description
ACT13	Local at risk bridges - Marcellus Legacy Fund	PIB	State Infrastructure Bank - 100% state
ACT3	Act 3 Public Transportation Grant	PL	Planning
ACT4A	Act 4A Supplemental Operating Grant	PRIV	Private Party
ACT83	Transit Bond	PRO	Protect Program
ADCMS	Advanced Digital Construction Management Systems	PRTCT	Promoting Resilient Operations for Transformative
ADMUO	Administration Use Only - Do Not Use	PTAF	Act 26 PA Transportation Assist Fund
AIP	FAA Airport Improvement Program	RAISE	Rebuild American Infra. Sustainability Equity
APD	Appalachia Development	RCP	Reconnecting Communities
APL	Appalachia Local Access	REC	Recreational Trails
BDP	Bridge Discretionary Program	RES	Funds Restoration
BGENT	FAA Block Grant Entitlement	RFAP	Rail Freight Assistance Program
BIP	Bridge Investment Program	RRX	Highway Safety
BND	Bridge Bonding	RURAL	Rural Surface Transportation Grant Program
BOF	Bridge Off System	SBY	Scenic Byways
BRIP	Bridge Investment Program	SECT9	FTA Federal Formula - Section 9
BUILD	BUILD Discretionary Grants	SIB	State Infrastructure Bank
CAQ	Congestion Mitigation/Air Quality	SPOPR	Supplemental Operating Assistance
CARES	Coronavirus Aid, Relief, and Economic Security	SPR	State Planning/Research
CB	Capital Budget Nonhighway	SRTSF	Federal Safe Routes to Schools
CFI	Charging - Fueling Infrastructure Program	SR2S	State Safe Route to School
COVID	COVID Relief	SSE	Supportive Services Enterprise
CPF	Community Project Funding	SS4A	Safe Streets for All
CRP	Carbon Reduction Program	STE	Surface Transportation Enhancement
CRPU	Carbon Reduction Program Urban	STN	STP - Nonurbanized
DAR	Defense Access Roads	STP	Surface Transportation Prog-Flexible
DBE	Disadvantages Business Enterprise	STR	Surface Transportation Rural
D4R	Discretionary Interstate Maintenance	STU	Surface Transportation Urban
EB	Equity Bonus	SXF	Special Federal Funds (Demo)
ECONR	Economic Recovery	TAP	Transportation Alternatives (TAP) Flexible
FAABG	FAA Block Grant	TAU	Tap > 200,000 Population
FAAD	FAA Discretionary	TCS	Transpo & Community System Pres.
FAI	Interstate Construction	TIGER	Trans Investment Generating Economic Recovery
FB	Ferry Boat/Ferry Terminal Facilities	TIGGR	Transit Investment for Greenhouse Gas and Energy R
FFL	Federal Flood	TPK	Turnpike
FHA	Public Lands Highways	TTE	Transit Transportation Enhancements
FLAP	Federal Lands Access Program	073	Green Light-Go
FLH	Forest Highways	137	Municipal Bridge Improvements and Bundling
FRA	Federal Railroad Administration	138	Rural Commercial Routes
FRB	Ferry Boat	140	Intelligent Transportation System
FTAD	FTA Discretionary Funds	144	302-87-3 Transportation Assistance
GEN	PA General Fund	160	Community Transport.-Equip Grant
HCB	Historic Covered Bridge	163	Community Transport.- Equip Grant
HPR	Highway Planning/Research	164	PTAF
HRRR	High Risk Rural Roads	175	FTA- Capital Improvements
HSIP	Highway Safety Improvement Program	179	Local Bridge Construction (Act 26 Counties)
HVRU	Vulnerable Road User Safety	183	Local Bridge Construction
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IVB	Innovative Bridge	208	FTA- Discretionary Capital
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MBP3	Major Bridge P3 Initiative	338	PT - 1513 Mass Transit Operating
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MSFF	Marcellus Shale Fee Fund	340	PT - 1517 Capital Improvement
NEVI	National Electric Vehicle Infrastructure F/S	341	PT - 1516 Progrms of Statewide Signif
NFP	National HWY Freight Program	342	Transit Administration and Oversight
NHPP	National Highway Performance Program	361	FTA- Capital Improvements
OJT	On the Job Training Supportive Services	383	DGS Delegated Facilities projects
OTH	Other Local Government Agencies	403	Act 89 - Aviation Grants
OTH-F	Other Federal Govt Agencies	404	Act 89 - Rail Freight Grants
OTH-S	Other Pa State Government Agencies	405	Act 89 - Passenger Rail Grants
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Interstate Management Program

As an outgrowth of developing the statewide financial guidance during the FFY 2007 Program update, an Interstate Management Program was recommended and eventually agreed to by the planning partners. This program is centrally managed by PennDOT and sets aside annual funding to address statewide Interstate highway and bridge projects.

Interstate Management Program funds assigned to a region are separate and in addition to those used in developing the regional TIP. These projects and future updates will be developed and prioritized on a quantitatively based decision-making system developed by PennDOT that is intended to minimize the total ongoing cost of maintaining and operating the Interstate System. The Interstate Management System **will not** address capacity adding projects or projects creating new Interstate Highway. These projects, if desired, must be contained within a fiscally constrained regional Long Range Transportation Plan and TIP. All air-quality significant Interstate projects located in Berks County, regardless of funding source, are included in the regional Air Quality Conformity Analysis.

Project Narratives for Berks County Interstate Projects can be found on the following pages.

For a complete list of statewide Interstate projects click here. (need to add a link to the Statewide Interstate project narratives that will be available on the web page but not in our TIP document)

Statewide Programs

For a list of other Statewide programs administered by PennDOT, click here (need to add a link to the other Statewide project listing / narratives that will be available on the web page but not in our TIP document)

Date: 3/13/2024
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Interstate TIP - Highway & Bridge Projects

Page 1 of 2

Berks

PennDOT Project Id: 72807 New To Planned TIP: Air Quality Status: Exempt from Regional Conformity Analysis
 Project Administrator: PennDOT Air Quality Exempt Reason: S10 - Pavement resurfacing and/or rehabilitation
 Improvement Type: Resurface Title: I-78 Shrtlesville to Hamb - Resurface
 Municipality: Upper Bern (TWP) State Route: 78
 Estimated Construction Bid Date: 7/25/2024

Actual Construction Bid Date:
 Location: I-78 Shartlesville to Hamburg

Project Description: This project involves the milling and resurfacing of NB & SB mainline and shoulders of (I-78) with stone matrix asphalt mixture design, bituminous milling, concrete and bituminous patching, Type 6-SP shoulders, all-weather pavement markers, line painting, MASH standard guiderail and glare screen, and bridge preservation activities, along with other miscellaneous construction items.

The project is located in Berks County; Tilden and Upper Bern Townships from Shartlesville to Hamburg for a construction distance of approximately 12.72 miles (67,162 FT).

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Construction	NHPP	\$9,201	\$0	\$0	\$0	\$0	\$0
	Federal:	\$9201	\$0	\$0	\$0	\$0	\$0
	State:	\$0	\$0	\$0	\$0	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
		2025	2026	2027	2028	2029 - 2032	2033 - 2036
	Period Totals:	\$9,201	\$0	\$0	\$0	\$0	\$0
	Total FFY 2025-2036 Cost	\$9,201					

PennDOT Project Id: 120146 New To Planned TIP: Y Air Quality Status: Exempt from Regional Conformity Analysis
 Project Administrator: PennDOT Air Quality Exempt Reason: S10 - Pavement resurfacing and/or rehabilitation
 Improvement Type: Concrete Rehabilitation Title: District Wide Interstate Concrete Patching
 Municipality: Upper Bern (TWP) State Route: 78

Estimated Construction Bid Date: 7/1/2024
 Actual Construction Bid Date:

Location: Various Locations on I-78, I-176, I-80, and I-180
 Berks, Northampton, and Monroe Counties

Project Description: This project involves the isolated concrete patching of failed slabs on Interstate 78 in Berks and Northampton Counties, Interstate 176 in Berks County, and Interstate 80 and 380 in Monroe County.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2025	2026	2027	2028	2029 - 2032	2033 - 2036
Construction	NHPP	\$4,741	\$0	\$0	\$0	\$0	\$0
	Federal:	\$4741	\$0	\$0	\$0	\$0	\$0
	State:	\$0	\$0	\$0	\$0	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
		2025	2026	2027	2028	2029 - 2032	2033 - 2036
	Period Totals:	\$4,741	\$0	\$0	\$0	\$0	\$0
	Total FFY 2025-2036 Cost	\$4,741					

Date: 3/13/2024
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Interstate TIP - Highway & Bridge Projects

Page 2 of 2

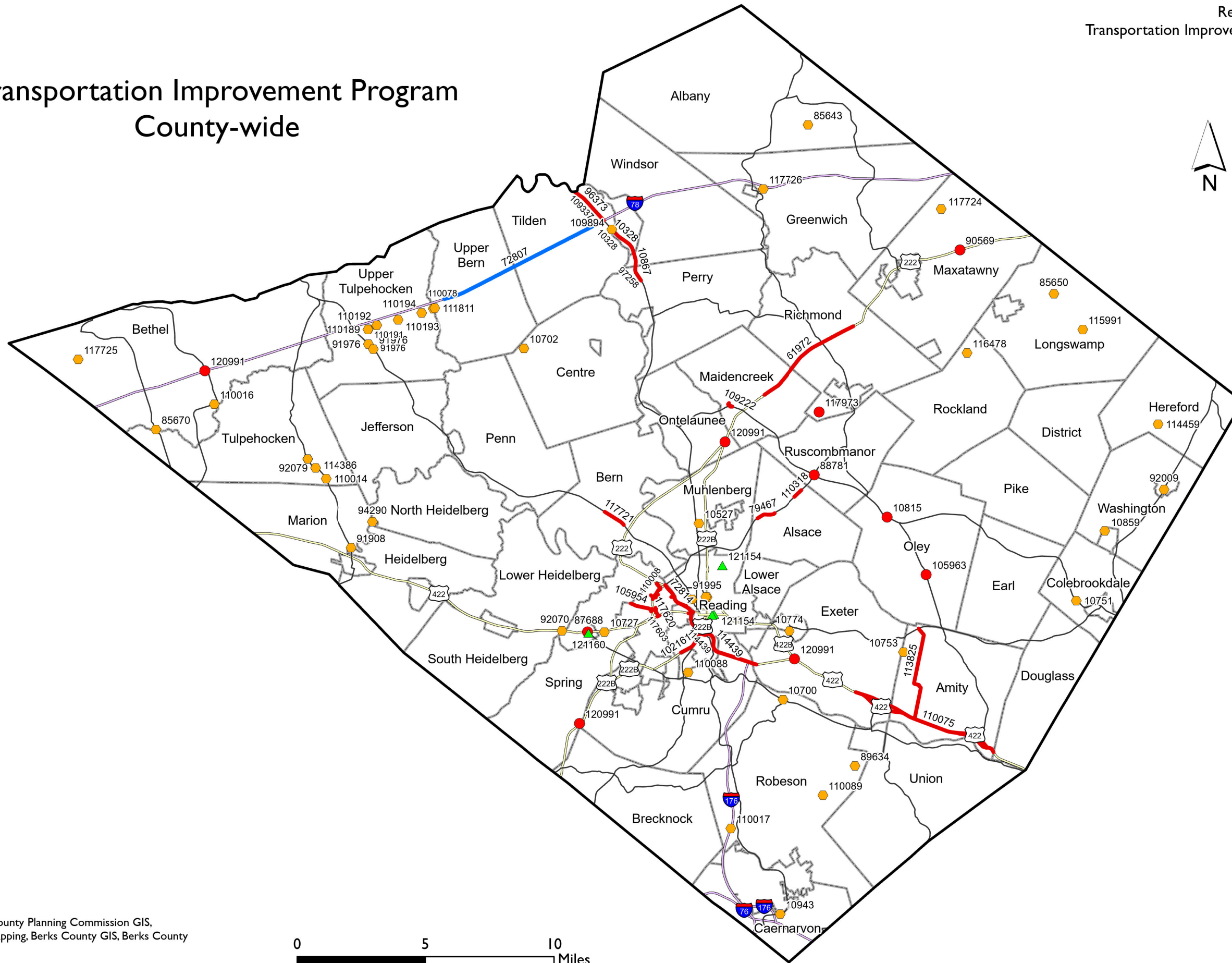
Fund Category Appendix

Fund Category	Fund Category Description	Fund Category	Fund Category Description
ACT13	Local at risk bridges - Marcellus Legacy Fund	PIB	State Infrastructure Bank - 100% state
ACT3	Act 3 Public Transportation Grant	PL	Planning
ACT4A	Act 4A Supplemental Operating Grant	PRIV	Private Party
ACT83	Transit Bond	PRO	Protect Program
ADCMS	Advanced Digital Construction Management Systems	PRTCT	Promoting Resilient Operations for Transformative
ADMUO	Administration Use Only - Do Not Use	PTAF	Act 26 PA Transportation Assist Fund
AIP	FAA Airport Improvement Program	RAISE	Rebuild American Infra. Sustainability Equity
APD	Appalachia Development	RCP	Reconnecting Communities
APL	Appalachia Local Access	REC	Recreational Trails
BDP	Bridge Discretionary Program	RES	Funds Restoration
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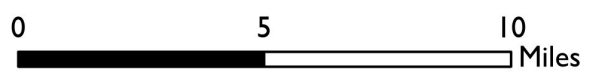


Transportation Improvement Program County-wide



- Project Type**
- Bridge
 - Highway
 - ◆ Interstate
 - ▲ Transit
 - Bridge
 - Highway
 - Interstate
 - Transit
 - Interstate
 - US Route
 - State Route
 - Municipal Boundaries

Source: Berks County Planning Commission GIS,
 Berks County Mapping, Berks County GIS, Berks County
 DES, PennDOT

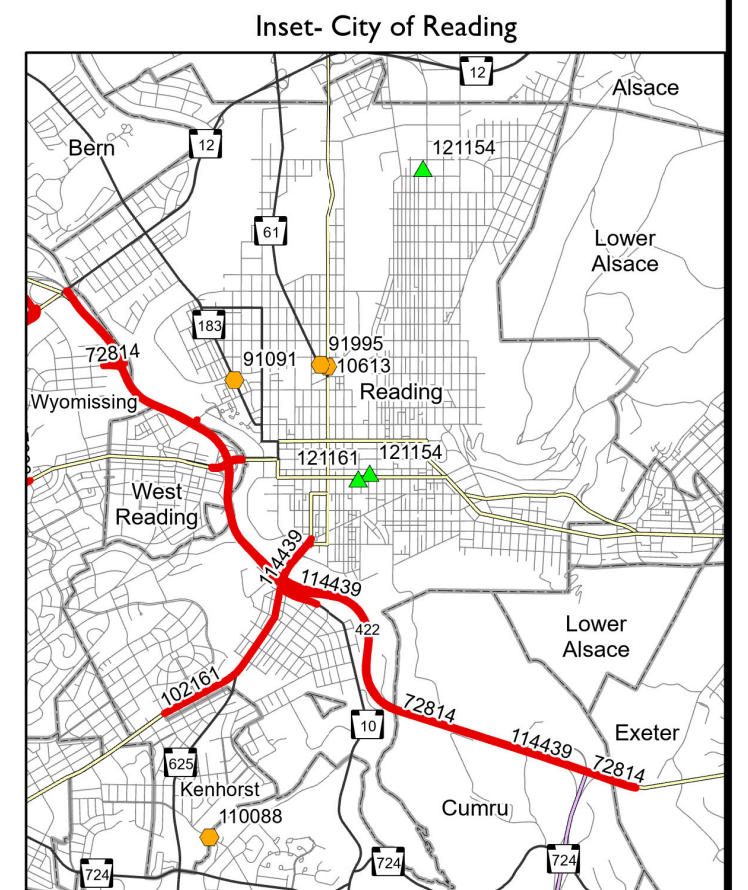
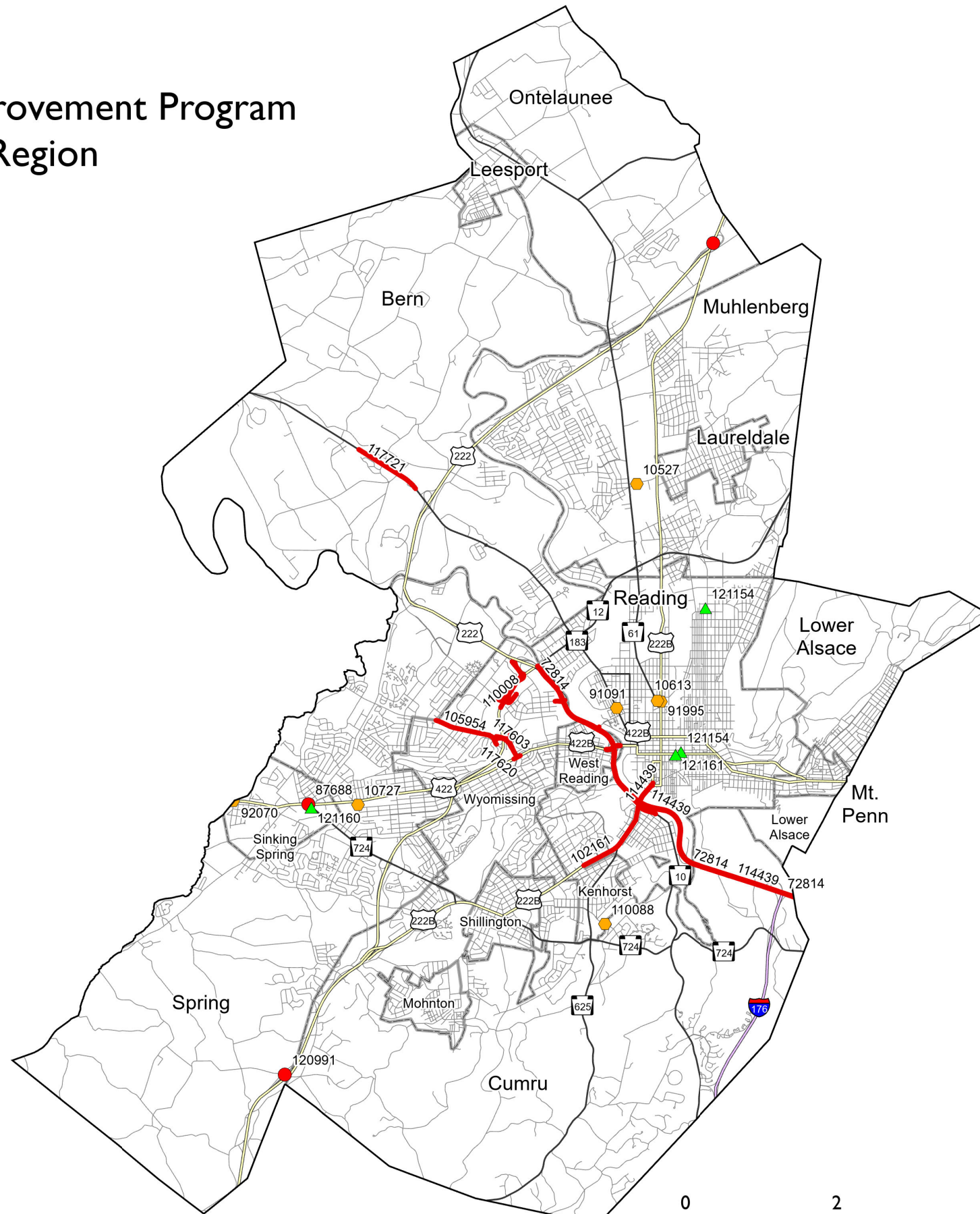




Transportation Improvement Program Metro Region

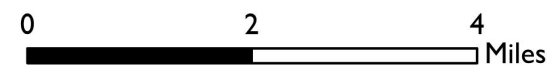
Project Type

- Bridge
- Highway
- Interstate
- ▲ Transit
- Bridge
- Highway
- Interstate
- Transit
- Interstate
- US Route
- State Route
- Roads
- Municipal Boundaries



Source: Berks County Planning Commission GIS,
 Berks County Mapping, Berks County GIS, Berks County
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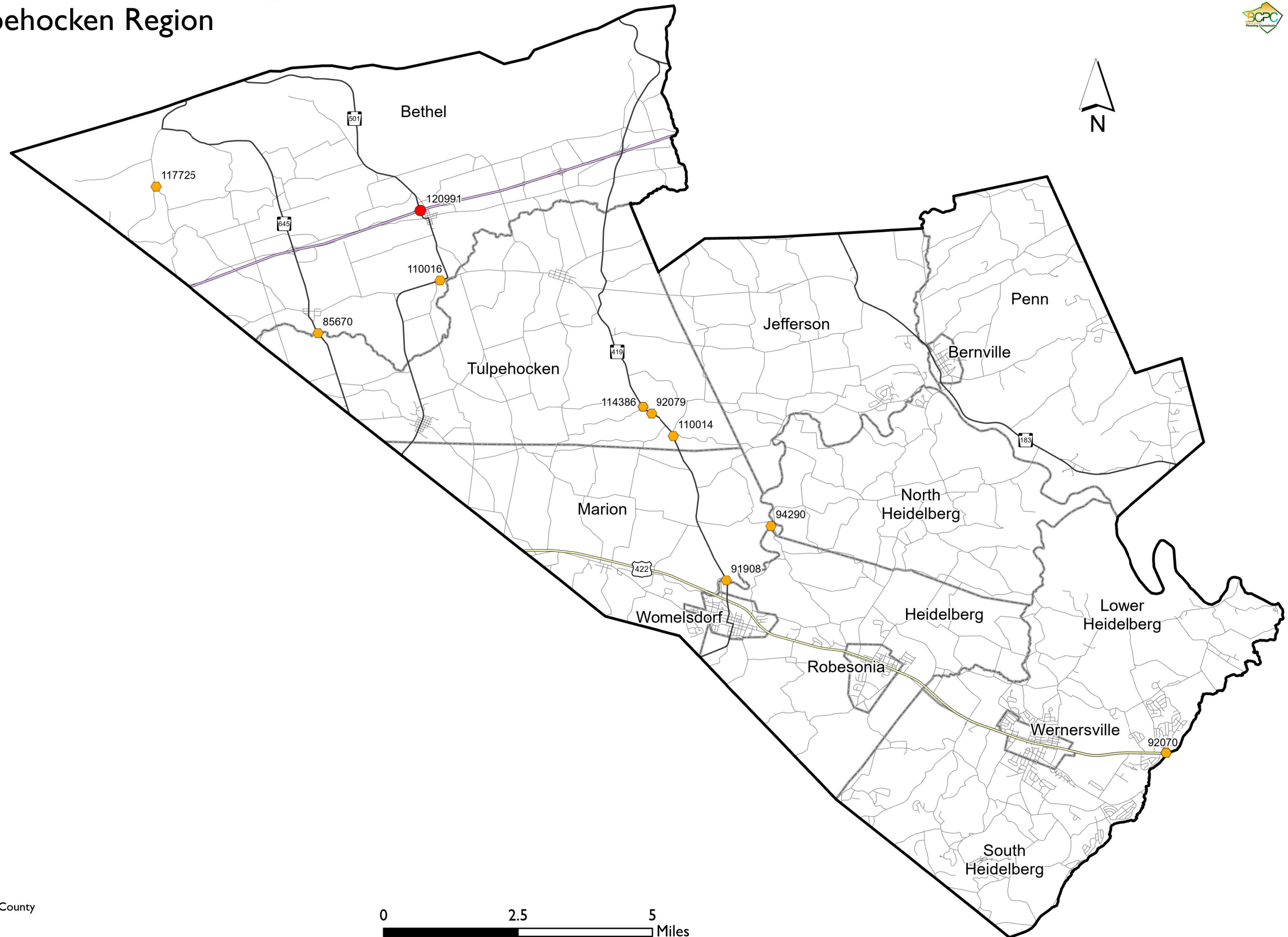


Transportation Improvement Program Tulpehocken Region



Project Type

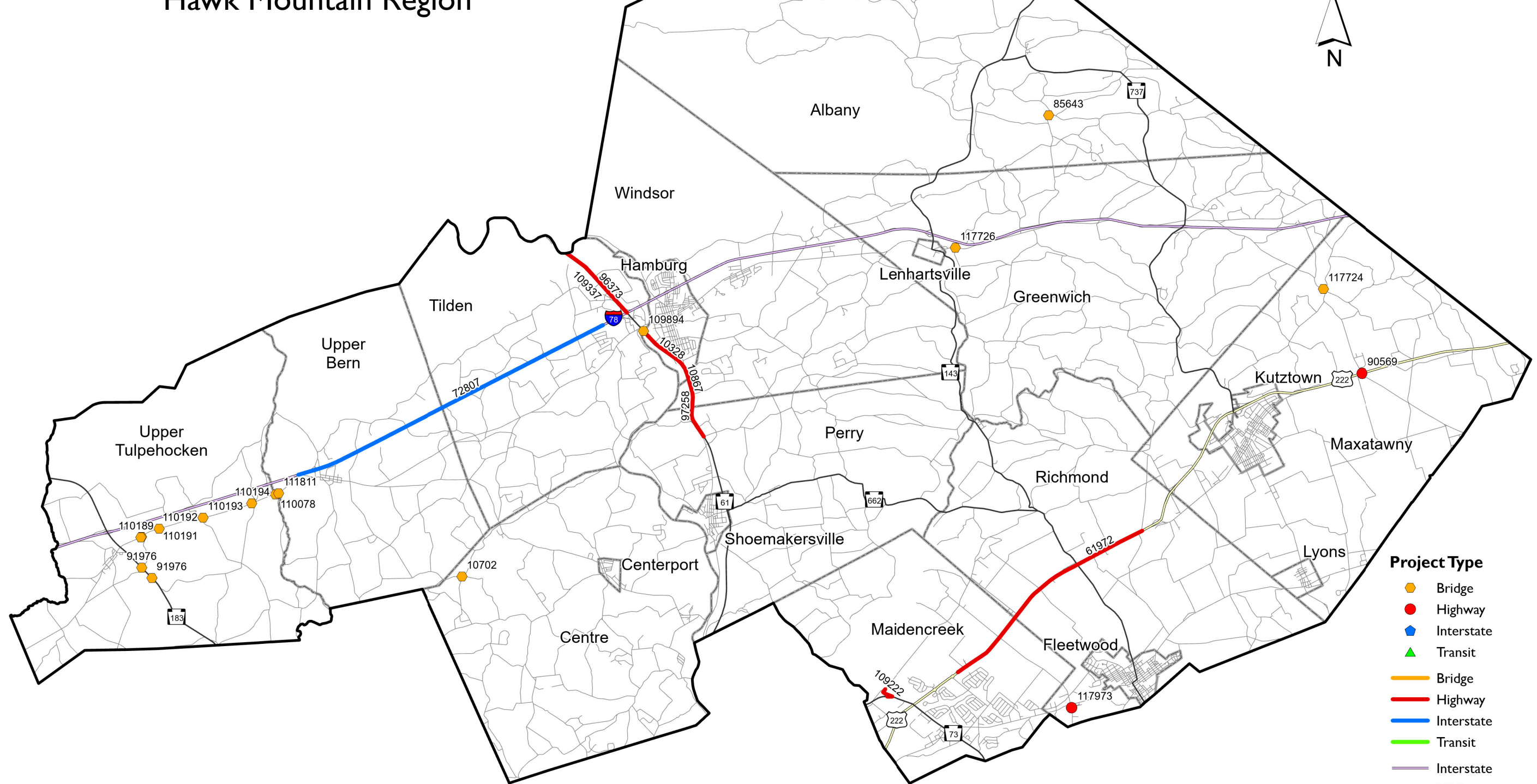
- Bridge
- Highway
- ◆ Interstate
- ▲ Transit
- Bridge
- Highway
- Interstate
- Transit
- Interstate
- US Route
- State Route
- Roads
- Municipal Boundaries



Source: Berks County Planning Commission GIS, Berks County Mapping, Berks County GIS, Berks County DES, PennDOT



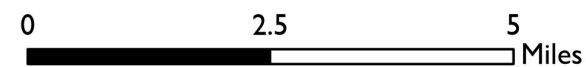
Transportation Improvement Program Hawk Mountain Region



Project Type

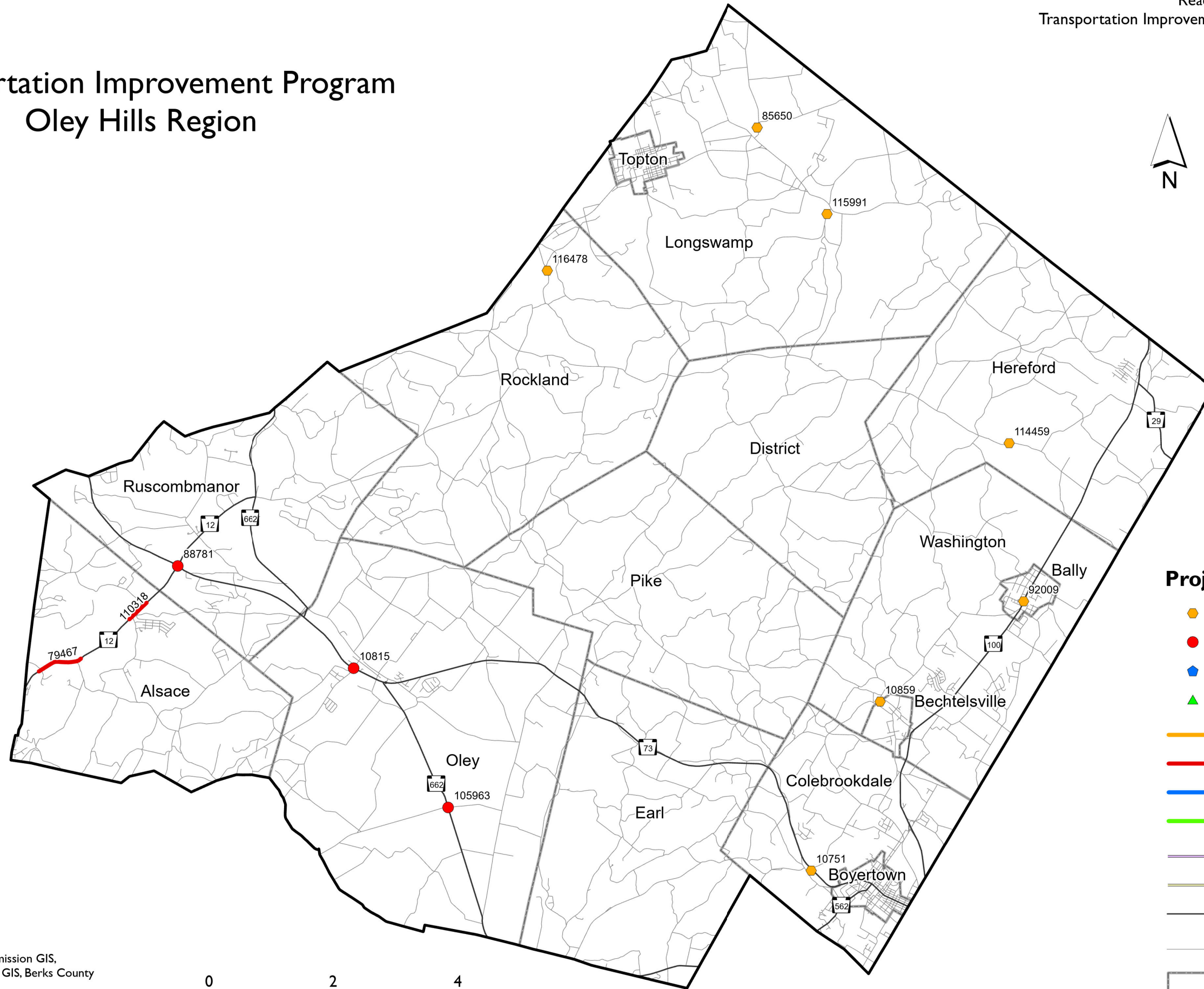
- Bridge
- Highway
- Interstate
- ▲ Transit
- Bridge
- Highway
- Interstate
- Transit
- Interstate
- US Route
- State Route
- Roads
- Municipal Boundaries

Source: Berks County Planning Commission GIS,
 Berks County Mapping, Berks County GIS, Berks County
 DES, PennDOT





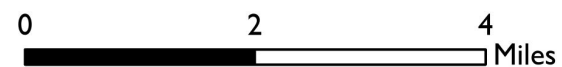
Transportation Improvement Program Oley Hills Region



Project Type

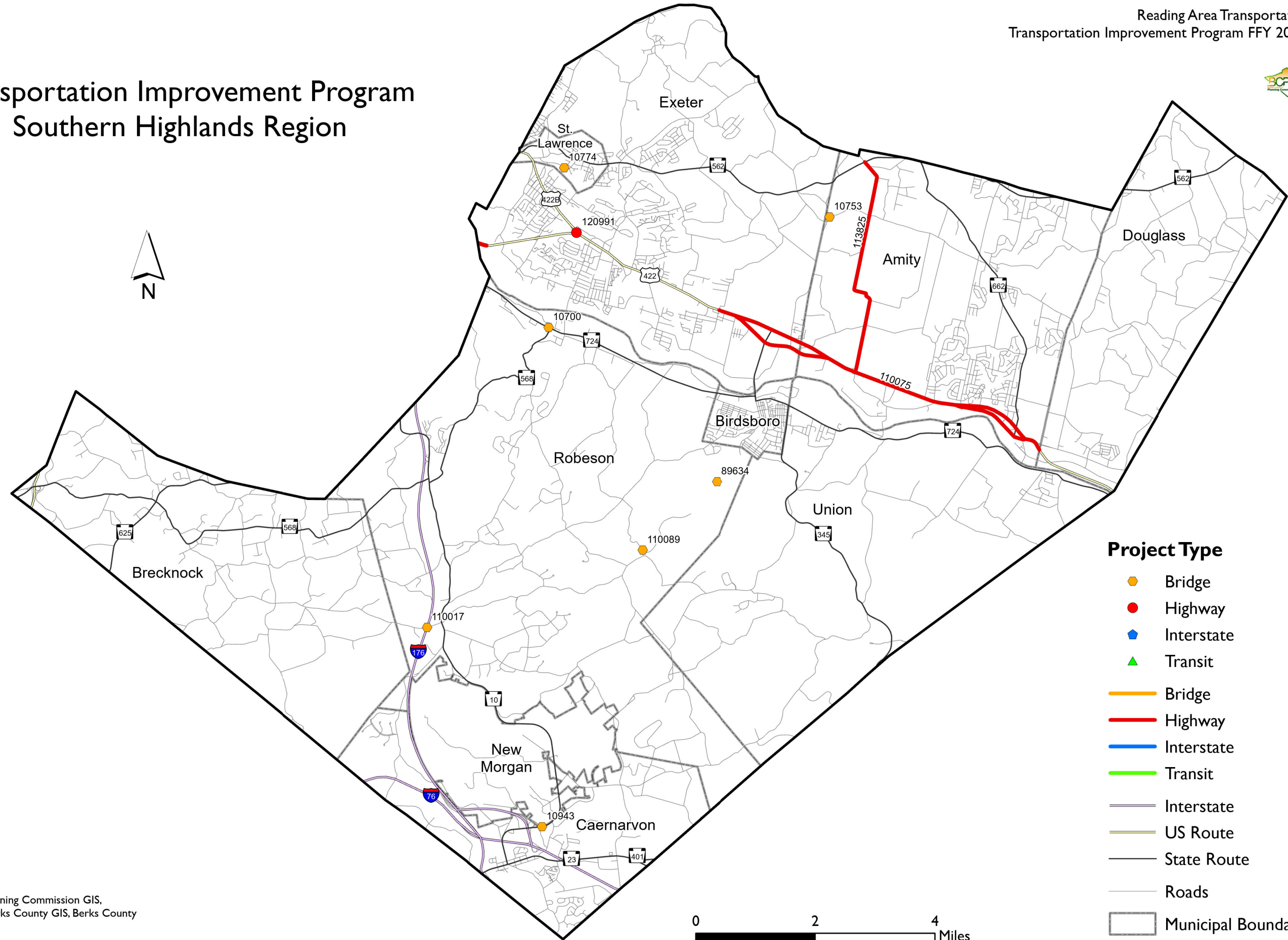
- Bridge
- Highway
- ◆ Interstate
- ▲ Transit
- Bridge
- Highway
- Interstate
- Transit
- Interstate
- US Route
- State Route
- Roads
- Municipal Boundaries

Source: Berks County Planning Commission GIS,
 Berks County Mapping, Berks County GIS, Berks County
 DES, PennDOT





Transportation Improvement Program Southern Highlands Region



- Project Type**
- Bridge
 - Highway
 - ◆ Interstate
 - ▲ Transit
 - Bridge
 - Highway
 - Interstate
 - Transit
 - Interstate
 - US Route
 - State Route
 - Roads
 - Municipal Boundaries

Source: Berks County Planning Commission GIS,
 Berks County Mapping, Berks County GIS, Berks County
 DES, PennDOT