

Section 2— Highway and Bridge Projects



Highway and Bridge Financial Plan	11
Project Evaluation and Selection Process	12
Transportation Performance Management / Performance Based Planning and Programming	15
Transit Asset Management Performance Measures	29
Explanation of Project Descriptions, Maps, Codes and Abbreviations ...	33
Projects from FFY 2021 TIP Implemented or Delayed	34
Highway and Bridge Project Narratives	36
Interstate Management Program	105
Interstate Project Narratives	106
Project Mapping	109

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.

In prior TIP updates, PennDOT identified the need for additional resources to address the statewide Interstate highway system but no significant changes were made to the funding plan.

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. 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 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 will not become available until FFY 2027 and are then spread over a six year period extending through FFY 2032. 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 this TIP (FFY 2023 - 2026) 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 this plan but still fall outside of the horizon of the TIP.

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.

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 60% 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 on the state-wide high crash location lists 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 and Roadway Departure Improvement Program.

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

PennDOT is retaining control of the National Highway Freight Program funding for use on the Interstate Highway System. Additionally, guidance has not yet been issued for the Resiliency and Carbon Reduction programs. Those funds will be retained by the State for later distribution in accordance with the new guidance.

For the FFY 2023-2026 Transportation Improvement Program, PennDOT and MPO staff cooperatively developed the program using the following methodology:

- 1) The TIP development process began in March 2021 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 as well as circulating information on the survey directly to all 2,300 Berks County employees. The results of this statewide survey are sorted and data relative to Berks County is broken out and provided to the MPO. There were 153 responses to the survey. This survey was followed by a solicitation of project recommendations from Berks County municipalities in August 2021. 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 2021 TIP. A total of four 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 2021 -2023 TIP was reviewed and any projects that had not yet been completed were carried over to the draft FFY 2023-2026 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 2021 or FFY 2022;
 - State funds were not anticipated to be encumbered in FFY 2021 or FFY 2022; and
 - Construction projects that have estimated let dates after October 1, 2022.
- 4) New projects were considered for inclusion in the FFY 2023-2026 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 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 September 2021. 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. Four meetings occurred during this time.

In early November 2021, the IIJA was enacted which significantly changed the anticipated funding picture. PennDOT's Financial Guidance Work Group met in mid-November to evaluate and recommended directions to follow in the allocation of the anticipated new funds. Given that there would most likely be a gap between the enactment of the legislation and final guidance on the dollars to be allocated, PennDOT prepared estimates based on their interpretation of the legislation. Through the balance of November and December 2021, PennDOT and MPO staff met an additional seven times to review project priorities and to balance those existing and proposed projects with the anticipated revenues. The draft project listing was submitted to PennDOT's Central office for an initial review by December 30, 2021. The draft project listings were presented to the MPO's Technical and Coordinating Committees in January 2022. A review of the program between the MPO and PennDOT's Central office staff also occurred in January, 2022.

Additional adjustments, reflecting final federal funding allocations and updated project scope and cost data were made prior to formal approval of the draft project listing by the Reading MPO in March 2022.

- 5) The draft 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 Draft FFY 2023-2026 Transportation Improvement Program and related documents were made available for a public review and comment period extending from June 1, 2022 through July 1, 2022. A Public meeting was advertised and will be held on June 14, 2022. Comments received were reviewed with the RATS Technical Committee and Coordinating Committees for their consideration. The Coordinating Committee reviewed all comments and the responses to those comments at their meeting on July 14, 2022.
- 8) The Coordinating Committee adopted the Long Range Transportation Plan, Transportation Improvement Program Air Quality Conformity Analysis and Environmental Justice Summary on July 14, 2022.

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)

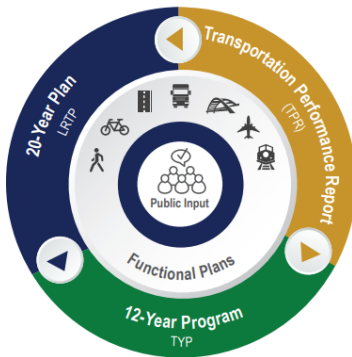
- Congestion Management Process (CMP)
- Regional Operations Plans (ROPs)

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 STIP and is provided in **Appendix B**.

Evaluating 2023-2026 TIP Performance



The Federal Fiscal Year (FFY) 2023-2026 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 2022-2025 performance period, the current project selection process for the FY2023-2026 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		
<p>The FHWA rules for the <i>National Performance Management Measures: Highway Safety Improvement Program</i> (Safety PM) and <i>Highway Safety Improvement Program</i> (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.</p>		
Data Source		
<p>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).</p>		
2022 Safety Measures and Targets (Statewide)		
Measure	Baseline (2016-2020)	Target (2018-2022)
Number of fatalities	1,140.6	1,113.7
Rate of fatalities per 100 million VMT	1.157	1.205
Number of serious injuries	4445.6	4,490.8
Rate of serious injuries per 100 million VMT	4.510	4.860
Number of non-motorized fatalities & serious injuries	761.2	730.1
Methods for Developing Targets		
<p>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.</p>		

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. For Pennsylvania's 2020 targets, the FHWA determined in March 2022 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. In addition, the Department is required to obligate in Federal Fiscal Year (FFY) 2023 an amount equal to the FFY 2019 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 2023-2026 STIP includes \$520 million of HSIP funding. The Department distributes nearly 70% of this funding to its regions based on fatalities, serious injuries, and reportable crashes. In addition, a portion 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 \$10.3 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
114484 & 117632	RATS High Friction Surface 2023 and 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.
102162	SR 2014 Spring Street Safety Corridor	Corridor improvements to the entire length of SR 2014 (Spring Street) from Centre Avenue (SR 61) to 13th Street in the City of Reading. This project will upgrade traffic signals to provide higher visibility by adding larger signal heads, brighter illumination with LED modules, and additional signal heads over travel lanes with protected phasing where needed. Signal Coordination using new controller equipment will reduce congestion and improve safety through radio interconnection.
105954	SR 3023 State Hill Road from Colony Drive to SR 222 SB Ramps	Corridor safety improvements along State Hill Road between Colony Drive and the US 222 Southbound on-ramp in Wyomissing Borough. Improvements to be considered include, widening, access management, roundabouts at Woodland Road and at Greenwood Mall/ mall entrance, traffic signal updates and coordination.
117603 (LRTP Only)	SR 3023 State Hill Road – SR 222SB to Norfolk Southern RR	Improvements to State Hill Road (SR 3023) 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

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

MPMS #	Project	Description and Location
114484 and 117622	RATS AWPM 2023 and 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.
116752	Dynamic Curve Warning Signs - RATS	This project involves the installation of Dynamic Curve Warning Signs at various locations within the US 222/ US 422/ PA 12 interchange in Wyomissing Borough and at the northern end of the US 222 expressway in Ontelaunee Township to reduce crashes and improve safety
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	222SB Auxiliary Lane - Wyomissing	This project involves the addition of an auxiliary lane to US 222 Southbound between the Berkshire Boulevard overpass and the Paper Mill Road Interchange in Wyomissing Borough to improve both safety and congestion.
110012	724 Fence Barrier	This project involves the upgrade of an existing concrete barrier and fence system to better withstand the debris and rocks that fall down the slope onto SR 724 between Valley Stream Road and Kennel Drive in Cumru Township.
102161	Lancaster Ave (US 222 Bus.) Corridor Improvements	This project involves corridor safety improvements along SR 3222 (Lancaster Ave. / US 222 Bus.) from Kenhorst Boulevard to PA 10 in the City of Reading. Study phase only in TIP. Balance in L RTP

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) – Due October 1st 2022

Measure	Baseline 2021	2-year Target 2023	4-year Target 2025
% of Interstate pavements in Good condition	TBD	TBD	TBD
% of Interstate pavements in Poor condition	TBD	TBD	TBD

% of non-Interstate NHS pavements in Good condition	TBD	TBD	TBD
% of non-Interstate NHS pavements in Poor condition	TBD	TBD	TBD
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	TBD	TBD	TBD
% of NHS bridges by deck area in Poor condition	TBD	TBD	TBD
Methods for Developing Targets			
Pennsylvania’s pavement and bridge targets will be established by October 2022 through extensive coordination with a Transportation Asset Management Plan (TAMP) steering committee and workshops with MPOs/RPOs and FHWA’s Pennsylvania Division. The targets will be 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 are expected to be calculated based 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:

- 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 that will be established for the 2022-2025 performance period. The Reading MPO’s pavement and bridge projects provided in the FY2023-2026 TIP were selected through extensive 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.

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>

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 2023 Twelve Year Program (TYP) and 2023-2026 TIP, 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 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. Draft 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.

⁴ The 2023 Financial Guidance can be found at: <https://talkpatransportation.com/how-it-works/tip>

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>
89215	PA 12 West Resurface – 422 WB Ramps to SR 183	Project involves highway resurfacing of PA 12 (Warren Street Bypass) from US 422 WB ramps in Wyomissing Borough to PA 183 (Schuylkill Avenue) in the City of Reading. This project also involves driveway curb closures, guiderail and barrier upgrades, and pavement restriping to provide lengthened acceleration lanes.
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.
110007	222 Warren Street - Wyomissing	Project involves concrete patching and ultra-thin overlay of US 222 from the Spring Township line near the Reading Boulevard overpass to a point between the State Hill Road and Paper Mill Road interchanges. The project also involves similar improvements to the ramps to US 422 Penn Avenue and State Hill Road.

While not specifically included in the Reading MPO TIP, two resurfacing projects to be carried out by PennDOT are included in the current Interstate TIP. These two projects extend along I-78 from the Midway exit in Bethel Township to Shartlesville and from Shartlesville to just west of PA 61.

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 2023-2026 TIP contains four 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 Bridge Overlay Bundles which look to extend the life of additional bridges by overlaying their decks. 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.
93626	5 th Street Bridge over PA 12	Project involves the rehabilitation or replacement of the Fifth Street (US 222-B) bridge over PA 12 in Muhlenberg Township.
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 57 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 phase for the proposed improvements to and reconstruction of the US 422 West Shore Bypass Phase 1, to be implemented in the LRTP 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 repairing or replacing bridges as an element of the reconstruction of I-78 from just east of Lenhartsville to the Lehigh County line and 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 is under way. 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 the current Interstate TIP.

System Performance Measures (PM3)

Background			
<p>The FHWA final rule for the <i>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</i> 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, the first was 2018 to 2021. This TIP includes projects that will impact future performance periods based on when projects are constructed or completed.</p>			
Data Source			
<p>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.</p>			
Travel Time and Annual Peak Hour Excessive Delay Targets - Due October 1st 2022			
Measure	Baseline 2021	2-year Target 2023	4-year Target 2025
Interstate Reliability (Statewide)	TBD	TBD	TBD
Non-Interstate Reliability (Statewide)	TBD	TBD	TBD
Truck Reliability Index (Statewide)	TBD	TBD	TBD
Annual Peak Hour Excessive Delay Hours Per Capita (Urbanized Area)	Philadelphia - TBD	TBD	TBD
	Pittsburgh - TBD	TBD	TBD
	Reading	TBD	TBD
	Allentown	TBD	TBD
	Harrisburg	TBD	TBD
	York	TBD	TBD
	Lancaster	TBD	TBD
Non-SOV Travel Measure Targets			
Measure	Baseline 2021	2-year Target 2023	4-year Target 2025
Percent Non-Single Occupant Vehicle Travel (Urbanized Area)	Philadelphia - TBD	TBD	TBD
	Pittsburgh - TBD	TBD	TBD
CMAQ Emission Targets			
Measure		2-year Target 2023	4-year Target 2025
VOC Emissions (Statewide)		TBD	TBD
NOx Emissions (Statewide)		TBD	TBD
PM2.5 Emissions (Statewide)		TBD	TBD
PM10 Emissions (Statewide)		TBD	TBD
CO Emissions (Statewide)		TBD	TBD
Methods for Developing Targets			
<p>The System Performance measure targets will be established by October 2022 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.</p>			

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 future 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	<p>Strengthen transportation mobility to meet the increasingly dynamic needs of Pennsylvania residents, businesses, and visitors.</p>	<ul style="list-style-type: none"> • 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.)
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The Reading MPO currently meets overall performance targets for Interstate Reliability, Non-Interstate Reliability and Truck Reliability Index. The Reading MPO is not currently subject to targets for Annual Peak Hour Excessive Delay Hours Per Capita but will be following the establishment of targets by the state later this year.

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. The STIP includes over \$289 million of funding dedicated to congestion relief projects.
- 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 \$440 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 \$15.6 million in CMAQ funding over the period FFY 2023-2026. 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
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 Benn 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

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:

<i>MPMS #</i>	<i>Project</i>	<i>Description and Location</i>
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.

Transit Asset Management Performance Measures**SOUTH CENTRAL TRANSIT AUTHORITY
FFY 2023-2026 TRANSIT TIP UPDATE**

This information
can also be found in
Section 3 of this plan

TRANSIT PERFORMANCE MEASURES NARRATIVE DOCUMENTATION

June 2022 Update

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 2021 update was adopted by its Board in July 2021, by the Lancaster MPO in September 2021 and by the Reading MPO in September 2021. 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 Transit Safety Performance Measures

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 September 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 2022 Performance Targets were adopted by the SCTA Board and the Berks and Lancaster MPO's in September 2021.

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 2023-2026 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 2023-2026 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 2023-2026 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 under \$50,000. 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 2023-2026 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 109 through 119 show the location of the projects included in the FFY 2023–2026 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 draft TIP and to obtain more information about a proposed project. The following link is specific to the Reading MPO’s Draft FFY 2023-2026 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/?mapId=46146>

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 2021-2024 TIP That Have Been Implemented

<u>MPMS#</u>	<u>Project Description</u>	<u>Implementation Status</u>
69335	RATS BARTA Flex	Annual
86420	Berks Commuter Services	Annual
91658	Traffic Operations Center Operator – Berks	Annual
94900	Freeway Service Patrol	Annual
92921	SR 73 / 662 Corridor Safety	Completed
114354	RATS AWPM – 2021	Completed
108948	SR 222 o/ SR 3422, SR 8028 & NSRR	Completed (PM)
112170	RATS Bridge Overlay Bundle	Completed
85668	SR 562 over Monocacy Creek	Completed
107673	RATS Bridge Preservation #6	Completed
96381	SR 2006 (Chestnut Street) Resurface	Completed
114388	RATS High Friction Surface – 2021	Completed
113325	Hamburg Traffic Study	Completed
10693	SR 4028 State Street Bridge o/ Mill Creek	Completed
113221	SR 4028 Resurface Krumsville to Lenhartsville	Completed
111502	SR 2021 Perkiomen Avenue Pedestrian Access TASA	Completed
108115	18 th WONDER Pedestrian TASA	Completed
107978	Schuylkill River Trail N Gap Imp Project TASA	Under Construction
114391	RATS Bridge Overlay Bundle #2	Under Construction
110006	RATS Bridge Preservation #7	Under Construction
110032	RATS Bridge Preservation #8	Under Construction
70274	River Road Extension	Under Construction
92414	SR 222 at SR 73 & Genesis Drive	Under Construction
110007	SR 222 Warren Street Wyomissing	Under Construction
110009	SR 222 from SR 61 to BUS 222	Under Construction
111504	Topton Pedestrian Connectivity	Under Construction
10588	SR 1017 Stumps Bridge over Kistler Creek	Under Construction
110206	SSR 2033 Gibraltar Road & Shelbourne Intersection	Under Construction
103884	Gibraltar Road Bridge	Under Construction
110082	SR 4040 Old Route 22 Tulpehocken	Under Construction
110247	Glendale Bridge	Under Construction
888781	SR 12 and SR 73	Est. Let July, 2022
89215	PA 12 West Resurface 422 Ramps to SR 183	Est. Let July, 2022
79086	SR 568 Green Hill Rd over Allegheny Creek	Est. Let August, 2022
106140	Reading NS RRX Corridor	Est. Let July, 2022
102162	SR 2014 Spring Street Corridor Improvements	Est. Let July, 2022
91932	SR 2023 Carsonia Avenue over Antietam Creek	Est. Let August, 2022

Reading MPO – Projects From FFY 2017-2021 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	March, 2023
91091	SR 183 Schuylkill Ave SB Bridge over NS RR	Cultural Resources / Railroad	December, 2022
10527	SR 2016 (Bellevue Ave) Bridge over RBMN RR	Cultural Resources / Railroad	March, 2023
102959	Peach Street Bridge	Cultural Resources / Utilities	December, 2023

Draft

Reading MPO TIP - Highway & Bridge Projects

Berks

PennDOT Project Id: 10328

Project Administrator: PENNDOT

Title: PA 61 Restoration Phase 2A

Improvement Type: Restoration

State Route: 61

Municipality: Hamburg (BORO)

Air Quality Status: Exempt from Regional Conformity Analysis

Estimated Construction Bid Date: 4/13/23

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

Actual Construction Bid Date:

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.

This project to be let with MPMS 109894 (SR 61 Bridge Rehabilitation).

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Construction	NHPP	\$4,762	\$0	\$0	\$0	\$0	\$0
Construction	STU	\$1,500	\$0	\$0	\$0	\$0	\$0
Construction	581	\$1,566	\$0	\$0	\$0	\$0	\$0
Federal:		\$6262	\$0	\$0	\$0	\$0	\$0
State:		\$1566	\$0	\$0	\$0	\$0	\$0
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		\$7,828	\$0	\$0	\$0	\$0	\$0
Total FFY 2023-2034 Cost		\$7,828					

PennDOT Project Id: 10527

Project Administrator: PENNDOT

Title: Bellevue Avenue over Reading Blue Mtn & Northern

Improvement Type: Replace/Rehab

State Route: RR
2016

Municipality: Muhlenberg (TWP)

Air Quality Status: Exempt from Regional Conformity Analysis

Estimated Construction Bid Date: 3/30/23

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

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 / rehabilitation 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	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Utility	BRIP	\$85	\$0	\$0	\$0	\$0	\$0
Utility	185	\$21	\$0	\$0	\$0	\$0	\$0
Construction	BRIP	\$1,100	\$1,200	\$1,078	\$0	\$0	\$0
Construction	185	\$275	\$300	\$270	\$0	\$0	\$0
Federal:		\$1185	\$1200	\$1078	\$0	\$0	\$0
State:		\$296	\$300	\$270	\$0	\$0	\$0
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		\$1,481	\$1,500	\$1,348	\$0	\$0	\$0
Total FFY 2023-2034 Cost		\$4,329					

Draft

Reading MPO TIP - Highway & Bridge Projects

PennDOT Project Id: 10588

Project Administrator: PENNDOT
Improvement Type: Replace/Rehab
Municipality: Albany (TWP)

Title: Stumps Bridge over Kistler Creek
State Route: 1017

Air Quality Status: Exempt from Regional Conformity Analysis

Estimated Construction Bid Date: 11/4/21

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

Actual Construction Bid Date: 11/4/21

Location: SR 1017 over Kistler Creek
 Albany Township
 Berks County

Project Description: This project involves a bridge replacement on State Route 1017 (Creek Road) over Kistler Creek in Albany Township, Berks County.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Construction	BOF	\$30	\$0	\$0	\$0	\$0	\$0
	Federal:	\$30	\$0	\$0	\$0	\$0	\$0
	State:	\$0	\$0	\$0	\$0	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	\$30	\$0	\$0	\$0	\$0	\$0
Total FFY 2023-2034 Cost		\$30					

PennDOT Project Id: 10613

Project Administrator: PENNDOT
Improvement Type: Replace/Rehab
Municipality: Reading (CITY)

Title: 5th Street Bridge over NS RR
State Route: 2005

Air Quality Status: Exempt from Regional Conformity Analysis

Estimated Construction Bid Date: 10/1/26

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

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 with an anticipated detour of 2.0 miles.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Preliminary Engineering	STU	\$468	\$150	\$0	\$0	\$0	\$0
Preliminary Engineering	185	\$117	\$38	\$0	\$0	\$0	\$0
Final Design	BRIP	\$0	\$0	\$450	\$74	\$0	\$0
Final Design	185	\$0	\$0	\$113	\$19	\$0	\$0
Utility	NHPP	\$0	\$0	\$0	\$15	\$30	\$0
Utility	185	\$0	\$0	\$0	\$4	\$8	\$0
Right of Way	NHPP	\$0	\$0	\$37	\$50	\$0	\$0
Right of Way	185	\$0	\$0	\$9	\$13	\$0	\$0
Construction	STU	\$0	\$0	\$0	\$0	\$2,319	\$0
Construction	185	\$0	\$0	\$0	\$0	\$580	\$0
	Federal:	\$468	\$150	\$487	\$139	\$2349	\$0
	State:	\$117	\$38	\$122	\$36	\$588	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	\$585	\$188	\$609	\$175	\$2,937	\$0
Total FFY 2023-2034 Cost		\$4,494					

Draft

Reading MPO TIP - Highway & Bridge Projects

PennDOT Project Id: 10616

Project Administrator: PENNDOT

Improvement Type: Replace/Rehab

Municipality: Washington (TWP)

Title: East Chestnut St over Branch of W. Swamp Creek

State Route: 2032

Air Quality Status: Exempt from Regional Conformity Analysis

Estimated Construction Bid Date: 8/25/22

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

Actual Construction Bid Date:

Location: SR 2032 (E. Chestnut St.) over a branch of W. Swamp Creek
Washington Township
Berks County

Project Description: This project includes a bridge rehabilitation / replacement on State Route 2032 (East Chestnut Street) over a branch of West Swamp Creek in Washington Township, Berks County.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Utility	STP	\$32	\$0	\$0	\$0	\$0	\$0
Utility	185	\$8	\$0	\$0	\$0	\$0	\$0
Right of Way	185	\$65	\$0	\$0	\$0	\$0	\$0
Construction	STP	\$600	\$594	\$0	\$0	\$0	\$0
Construction	185	\$150	\$148	\$0	\$0	\$0	\$0
Federal:		\$632	\$594	\$0	\$0	\$0	\$0
State:		\$223	\$148	\$0	\$0	\$0	\$0
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		\$855	\$742	\$0	\$0	\$0	\$0
Total FFY 2023-2034 Cost		\$1,597					

PennDOT Project Id: 10700

Project Administrator: PENNDOT

Improvement Type: Replace/Rehab

Municipality: Robeson (TWP)

Title: Main Street over Allegheny Creek

State Route: 724

Air Quality Status: Exempt from Regional Conformity Analysis

Estimated Construction Bid Date: 4/10/25

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

Actual Construction Bid Date:

Location: Main Street (PA 724) over Allegheny Creek, Robeson Township, Berks County

Project Description: This project involves a bridge replacement / rehabilitation on State Route 724 (Main Street) over Allegheny Creek in Robeson Township, Berks County.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Final Design	STP	\$0	\$150	\$147	\$0	\$0	\$0
Final Design	185	\$0	\$38	\$37	\$0	\$0	\$0
Utility	STP	\$0	\$0	\$437	\$0	\$0	\$0
Utility	185	\$0	\$0	\$109	\$0	\$0	\$0
Right of Way	STP	\$0	\$20	\$5	\$0	\$0	\$0
Right of Way	185	\$0	\$5	\$1	\$0	\$0	\$0
Construction	STP	\$0	\$0	\$1,000	\$748	\$0	\$0
Construction	185	\$0	\$0	\$250	\$187	\$0	\$0
Federal:		\$0	\$170	\$1589	\$748	\$0	\$0
State:		\$0	\$43	\$397	\$187	\$0	\$0
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		\$0	\$213	\$1,986	\$935	\$0	\$0
Total FFY 2023-2034 Cost		\$3,134					

Draft

Reading MPO TIP - Highway & Bridge Projects

PennDOT Project Id: 10702

Project Administrator: PENNDOT
 Improvement Type: Replace/Rehab
 Municipality: Centre (TWP)

Title: Tilden Road Bridge
 State Route: 4015

Air Quality Status: Exempt from Regional Conformity Analysis

Estimated Construction Bid Date: 4/1/24

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

Actual Construction Bid Date:

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

Project Description: This project involves bridge replacement / rehabilitation 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	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Final Design	185	\$15	\$0	\$0	\$0	\$0	\$0
Utility	185	\$0	\$11	\$0	\$0	\$0	\$0
Right of Way	185	\$31	\$0	\$0	\$0	\$0	\$0
Construction	185	\$0	\$880	\$180	\$0	\$0	\$0
Federal:		\$0	\$0	\$0	\$0	\$0	\$0
State:		\$46	\$891	\$180	\$0	\$0	\$0
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		\$46	\$891	\$180	\$0	\$0	\$0
Total FFY 2023-2034 Cost		\$1,117					

PennDOT Project Id: 10727

Project Administrator: PENNDOT
 Improvement Type: Replace/Rehab
 Municipality: Spring (TWP)

Title: Dwight Street Bridge
 State Route: 7237

Air Quality Status: Exempt from Regional Conformity Analysis

Estimated Construction Bid Date: 4/1/27

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

Actual Construction Bid Date:

Location: Dwight Street Bridge
 Spring Township
 Berks County

Project Description: Bridge replacement /rehabilitation of municipal-owned Dwight Street (T-578 / State Route 7237) Bridge over Norfolk Southern Railroad (NS RR) in Spring Township, Berks County.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Preliminary Engineering	BOF	\$0	\$255	\$0	\$0	\$0	\$0
Preliminary Engineering	183	\$0	\$48	\$0	\$0	\$0	\$0
Preliminary Engineering	LOC	\$0	\$16	\$0	\$0	\$0	\$0
Final Design	BOF	\$0	\$0	\$0	\$20	\$351	\$0
Final Design	183	\$0	\$0	\$0	\$4	\$66	\$0
Final Design	LOC	\$0	\$0	\$0	\$1	\$22	\$0
Utility	BOF	\$0	\$0	\$0	\$0	\$24	\$0
Utility	183	\$0	\$0	\$0	\$0	\$4	\$0
Utility	LOC	\$0	\$0	\$0	\$0	\$1	\$0
Right of Way	BOF	\$0	\$0	\$0	\$20	\$73	\$0
Right of Way	183	\$0	\$0	\$0	\$4	\$14	\$0
Right of Way	LOC	\$0	\$0	\$0	\$1	\$5	\$0
Construction	BOF	\$0	\$0	\$0	\$0	\$2,388	\$0
Federal:		\$0	\$255	\$0	\$40	\$2836	\$0
State:		\$0	\$48	\$0	\$8	\$84	\$0
Local/Other:		\$0	\$16	\$0	\$2	\$28	\$0
Period Totals:		\$0	\$319	\$0	\$50	\$2,948	\$0
Total FFY 2023-2034 Cost		\$3,317					

Draft

Reading MPO TIP - Highway & Bridge Projects

PennDOT Project Id: 10746

Project Administrator: PENNDOT

Improvement Type: Replace/Rehab

Municipality: Rockland (TWP)

Title: Forgedale Rd Bridge

State Route: 1021

Air Quality Status: Exempt from Regional Conformity Analysis

Estimated Construction Bid Date: 12/15/22

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

Actual Construction Bid Date:

Location: SR 1021 over Beiber Creek, Rockland Township, Berks County

Project Description: This project involves the bridge replacement of State Route 1021 (Forgedale Road) over Beiber Creek in Rockland Township, Berks County.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Construction	BOF	\$1,100	\$709	\$0	\$0	\$0	\$0
Construction	185	\$275	\$177	\$0	\$0	\$0	\$0
Federal:		\$1100	\$709	\$0	\$0	\$0	\$0
State:		\$275	\$177	\$0	\$0	\$0	\$0
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		2023	2024	2025	2026	2027 - 2030	2031 - 2034
		\$1,375	\$886	\$0	\$0	\$0	\$0
Total FFY 2023-2034 Cost		\$2,261					

PennDOT Project Id: 10751

Project Administrator: PENNDOT

Improvement Type: Bridge Rehabilitation

Municipality: Colebrookdale (TWP)

Title: Funk Road over Trib to Ironstone Creek

State Route: 2045

Air Quality Status: Exempt from Regional Conformity Analysis

Estimated Construction Bid Date:

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

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	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Preliminary Engineering	BRIP	\$0	\$200	\$139	\$0	\$0	\$0
Preliminary Engineering	185	\$0	\$50	\$35	\$0	\$0	\$0
Final Design	BRIP	\$0	\$0	\$100	\$162	\$0	\$0
Final Design	185	\$0	\$0	\$25	\$41	\$0	\$0
Utility	STP	\$0	\$0	\$0	\$0	\$46	\$0
Utility	185	\$0	\$0	\$0	\$0	\$12	\$0
Right of Way	BRIP	\$0	\$0	\$0	\$45	\$0	\$0
Right of Way	185	\$0	\$0	\$0	\$11	\$0	\$0
Construction	STP	\$0	\$0	\$0	\$0	\$1,159	\$0
Construction	185	\$0	\$0	\$0	\$0	\$290	\$0
Federal:		\$0	\$200	\$239	\$207	\$1205	\$0
State:		\$0	\$50	\$60	\$52	\$302	\$0
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		2023	2024	2025	2026	2027 - 2030	2031 - 2034
		\$0	\$250	\$299	\$259	\$1,507	\$0
Total FFY 2023-2034 Cost		\$2,315					

Draft

Reading MPO TIP - Highway & Bridge Projects

PennDOT Project Id: 10753

Project Administrator: PENNDOT

Improvement Type: Bridge Replacement

Municipality: Amity (TWP)

Estimated Construction Bid Date: 12/15/22

Actual Construction Bid Date:

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:

Title: Weavertown Road Bridge

State Route: 2041

Air Quality Status: Exempt from Regional Conformity Analysis

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

Project Costs(In Thousands)							
Phase	Fund	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Utility	BOF	\$0	\$9	\$0	\$0	\$0	\$0
Utility	185	\$0	\$2	\$0	\$0	\$0	\$0
Construction	BOF	\$0	\$1,325	\$1,250	\$21	\$78	\$0
Construction	185	\$0	\$331	\$313	\$5	\$19	\$0
Federal:		\$0	\$1334	\$1250	\$21	\$78	\$0
State:		\$0	\$333	\$313	\$5	\$19	\$0
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		2023	2024	2025	2026	2027 - 2030	2031 - 2034
		\$0	\$1,667	\$1,563	\$26	\$97	\$0
Total FFY 2023-2034 Cost		\$3,353					

PennDOT Project Id: 10774

Project Administrator: PENNDOT

Improvement Type: Bridge Replacement

Municipality: St Lawrence (BORO)

Estimated Construction Bid Date: 4/1/27

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:

Title: Parkview Road Bridge

State Route: 7417

Air Quality Status: Exempt from Regional Conformity Analysis

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

Draft

Reading MPO TIP - Highway & Bridge Projects

Project Costs(In Thousands)							
Phase	Fund	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Preliminary Engineering	BOF	\$0	\$0	\$132	\$283	\$0	\$0
Preliminary Engineering	183	\$0	\$0	\$25	\$53	\$0	\$0
Preliminary Engineering	LOC	\$0	\$0	\$8	\$18	\$0	\$0
Final Design	BOF	\$0	\$0	\$0	\$0	\$325	\$0
Final Design	183	\$0	\$0	\$0	\$0	\$57	\$0
Final Design	LOC	\$0	\$0	\$0	\$0	\$19	\$0
Utility	BOF	\$0	\$0	\$0	\$0	\$24	\$0
Utility	183	\$0	\$0	\$0	\$0	\$4	\$0
Utility	LOC	\$0	\$0	\$0	\$0	\$1	\$0
Right of Way	BOF	\$0	\$0	\$0	\$0	\$93	\$0
Right of Way	183	\$0	\$0	\$0	\$0	\$17	\$0
Right of Way	LOC	\$0	\$0	\$0	\$0	\$6	\$0
Construction	BOF	\$0	\$0	\$0	\$0	\$1,911	\$0
Construction	183	\$0	\$0	\$0	\$0	\$351	\$0
Construction	LOC	\$0	\$0	\$0	\$0	\$119	\$0
Federal:		\$0	\$0	\$132	\$283	\$2353	\$0
State:		\$0	\$0	\$25	\$53	\$429	\$0
Local/Other:		\$0	\$0	\$8	\$18	\$145	\$0
Period Totals:		\$0	\$0	\$165	\$354	\$2,927	\$0
Total FFY 2023-2034 Cost		\$3,446					

PennDOT Project Id: 10815

Project Administrator: PENNDOT

Improvement Type: Intersection Improvement

Municipality: Oley (TWP)

Title: SR 73 & Friedensburg Road (SR 2023)

State Route: 73

Air Quality Status: Exempt from Regional Conformity Analysis

Estimated Construction Bid Date:

Air Quality Exempt Reason: R1 - Intersection channelization projects

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	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Preliminary Engineering	CAQ	\$0	\$0	\$0	\$450	\$0	\$0
Preliminary Engineering	581	\$0	\$0	\$0	\$113	\$0	\$0
Final Design	CAQ	\$0	\$0	\$0	\$0	\$382	\$0
Final Design	581	\$0	\$0	\$0	\$0	\$96	\$0
Utility	CAQ	\$0	\$0	\$0	\$0	\$74	\$0
Utility	581	\$0	\$0	\$0	\$0	\$18	\$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
Federal:		\$0	\$0	\$0	\$450	\$4870	\$0
State:		\$0	\$0	\$0	\$113	\$1217	\$0
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		\$0	\$0	\$0	\$563	\$6,087	\$0
Total FFY 2023-2034 Cost		\$6,650					

Draft

Reading MPO TIP - Highway & Bridge Projects

PennDOT Project Id: 10859

Project Administrator: PENNDOT

Improvement Type: Replace/Rehab

Municipality: Bechtelsville (BORO)

Title: Race Street over Swamp Creek

State Route: 2032

Air Quality Status: Exempt from Regional Conformity Analysis

Estimated Construction Bid Date:

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

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	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Utility	185	\$26	\$0	\$0	\$0	\$0	\$0
	Federal:	\$0	\$0	\$0	\$0	\$0	\$0
	State:	\$26	\$0	\$0	\$0	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	\$26	\$0	\$0	\$0	\$0	\$0
Total FFY 2023-2034 Cost		\$26					

PennDOT Project Id: 10867

Project Administrator: PENNDOT

Improvement Type: Restoration

Municipality: Hamburg (BORO)

Title: PA 61 Restoration Phase 2B

State Route: 61

Air Quality Status: Exempt from Regional Conformity Analysis

Estimated Construction Bid Date: 4/11/24

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

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:

Project Costs(In Thousands)							
Phase	Fund	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Utility	NHPP	\$41	\$0	\$0	\$0	\$0	\$0
Utility	581	\$10	\$0	\$0	\$0	\$0	\$0
Construction	NHPP	\$0	\$2,000	\$2,000	\$1,876	\$0	\$0
Construction	STU	\$0	\$375	\$500	\$500	\$0	\$0
Construction	581	\$0	\$594	\$625	\$594	\$0	\$0
	Federal:	\$41	\$2375	\$2500	\$2376	\$0	\$0
	State:	\$10	\$594	\$625	\$594	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	\$51	\$2,969	\$3,125	\$2,970	\$0	\$0
Total FFY 2023-2034 Cost		\$9,115					

Draft

Reading MPO TIP - Highway & Bridge Projects

PennDOT Project Id: 10943

Project Administrator: PENNDOT

Improvement Type: Replace/Rehab

Municipality: New Morgan (BORO)

Title: Morgantown Road over trib Conestoga Creek

State Route: 10

Air Quality Status: Exempt from Regional Conformity Analysis

Estimated Construction Bid Date: 4/1/27

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

Actual Construction Bid Date:

Location: PA 10 (Quarry Road) over a tributary to Conestoga Creek
New Morgan Borough
Berks County

Project Description: This project involves the bridge rehabilitation / replacement of State Route 10 (Morgantown Road) over a tributary to Conestoga Creek in New Morgan Borough, Berks County.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Utility	BRIP	\$0	\$8	\$0	\$0	\$0	\$0
Utility	185	\$0	\$2	\$0	\$0	\$0	\$0
Construction	BRIP	\$0	\$700	\$293	\$0	\$0	\$0
Construction	185	\$0	\$175	\$73	\$0	\$0	\$0
Federal:		\$0	\$708	\$293	\$0	\$0	\$0
State:		\$0	\$177	\$73	\$0	\$0	\$0
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		2023	2024	2025	2026	2027 - 2030	2031 - 2034
		\$0	\$885	\$366	\$0	\$0	\$0
Total FFY 2023-2034 Cost		\$1,251					

PennDOT Project Id: 56728

Project Administrator: PennDOT

Improvement Type: Bridge Replacement

Municipality: Shoemakersville (BORO)

Title: Pigeon Creek Bridge

State Route: 7419

Air Quality Status: Exempt from Regional Conformity Analysis

Estimated Construction Bid Date: 4/1/27

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

Actual Construction Bid Date:

Location: Main Street over Pigeon Creek Bridge
Shoemakersville Borough
Berks County

Project Description: This project includes the bridge rehab/ replacement of Pigeon Creek Bridge, State Route 7419 (Main Street), over Pigeon Creek in Shoemakersville Borough, Berks County.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Preliminary Engineering	BOF	\$0	\$0	\$0	\$0	\$0	\$418
Preliminary Engineering	183	\$0	\$0	\$0	\$0	\$0	\$78
Preliminary Engineering	LOC	\$0	\$0	\$0	\$0	\$0	\$26
Federal:		\$0	\$0	\$0	\$0	\$0	\$418
State:		\$0	\$0	\$0	\$0	\$0	\$78
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$26
Period Totals:		2023	2024	2025	2026	2027 - 2030	2031 - 2034
		\$0	\$0	\$0	\$0	\$0	\$522
Total FFY 2023-2034 Cost		\$522					

Draft

Reading MPO TIP - Highway & Bridge Projects

PennDOT Project Id: 61972

Project Administrator: PennDOT

Improvement Type: Widen

Municipality: Maiden Creek (TWP)

Title: US 222 Widening

State Route: 222

Air Quality Status: Significant: Included in regional conformity analysis

Estimated Construction Bid Date: 3/14/24

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.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Utility	STU	\$874	\$0	\$0	\$0	\$0	\$0
Utility	581	\$219	\$0	\$0	\$0	\$0	\$0
Right of Way	NHPP	\$500	\$0	\$0	\$0	\$0	\$0
Right of Way	581	\$125	\$0	\$0	\$0	\$0	\$0
Construction	HSIP	\$0	\$3,381	\$1,217	\$2,581	\$0	\$0
Construction	NHPP	\$0	\$8,671	\$8,095	\$3,825	\$0	\$0
Construction	STP	\$0	\$0	\$0	\$0	\$11,717	\$0
Construction	STU	\$0	\$5,393	\$4,893	\$2,768	\$4,061	\$0
Construction	581	\$0	\$3,516	\$3,247	\$1,648	\$3,945	\$0
Federal:		\$1374	\$17445	\$14205	\$9174	\$15778	\$0
State:		\$344	\$3516	\$3247	\$1648	\$3945	\$0
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		\$1,718	\$20,961	\$17,452	\$10,822	\$19,723	\$0
Total FFY 2023-2034 Cost		\$70,676					

PennDOT Project Id: 69335

Project Administrator: PennDOT

Improvement Type: Transit System Improvement

Municipality:

Title: RATS BARTA Flex

State Route: 0

Air Quality Status: Exempt from Regional Conformity Analysis

Estimated Construction Bid Date:

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

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	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Construction	CAQ	\$0	\$0	\$0	\$0	\$3,150	\$3,600
Federal:		\$0	\$0	\$0	\$0	\$3150	\$3600
State:		\$0	\$0	\$0	\$0	\$0	\$0
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		\$0	\$0	\$0	\$0	\$3,150	\$3,600
Total FFY 2023-2034 Cost		\$6,750					

Draft

Reading MPO TIP - Highway & Bridge Projects

PennDOT Project Id: 70274

Project Administrator: CITY OF READING

Improvement Type: New Roadway

Municipality: Reading (CITY)

Title: River Road Extension

State Route: 183

Air Quality Status: Significant: Included in regional conformity analysis

Estimated Construction Bid Date: 11/5/20

Actual Construction Bid Date: 11/5/20

Location: Buttonwood Street and Spring Street near Schuylkill Ave (SR 183), City of Reading, Berks County

Project Description: The proposed project consists of constructing a new roadway on the vacant parcel located between W. Windsor Street and Spring Street that is currently owned by the City of Reading School District. The new roadway will intersect W. Spring Street approximately 400 feet west of Weiser Street and connect to the existing intersection of W. Windsor Street and Lincoln Street. The new roadway will provide two-way traffic access between W. Windsor Street and W. Spring Street, along with sidewalk on both sides of the road to accommodate pedestrians and 7-foot wide shoulders for bicyclists. In addition to the new roadway, improvements will be made to the intersection of W. Windsor Street and Schuylkill Avenue. The intersection at Schuylkill Avenue will be redesigned to a four-way intersection by restricting access from Eberhart Street and Bridge Street. The existing pedestrian facilities will be upgraded at this intersection to accommodate pedestrian crossings on all four corners of the intersection. W. Spring Street/River Road from Eberhart Street to the new connector roadway will also be upgraded by reconstructing the existing roadway and installing new curb and drainage facilities on both sides of the road. In addition, new sidewalk will be installed along eastbound W. Spring Street/River Road, while a designated bike lane will be provided along westbound W. Spring Street/River Road within the project limits and local federal aid route West Windsor Street will be resurfaced between Schuylkill Avenue and Lincoln Street. Upon project completion, all pedestrian facilities within the project limits will meet current ADA standards.

The construction will be staged in phases to limit the disruption to the traveling public throughout the duration of the improvements. W. Spring Street will be detoured between the new connector road and Eberhart Street to construct the proposed improvements. Access will be maintained to all businesses and residential properties on W. Spring Street/River Road during construction.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Construction	STU	\$60	\$0	\$0	\$0	\$0	\$0
	Federal:	\$60	\$0	\$0	\$0	\$0	\$0
	State:	\$0	\$0	\$0	\$0	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	\$60	\$0	\$0	\$0	\$0	\$0
Total FFY 2023-2034 Cost		\$60					

PennDOT Project Id: 72814

Project Administrator: PennDOT

Improvement Type: Reconstruct

Municipality: Wyomissing (BORO)

Title: West Shore (US 422) Reconstruction Phase 2

State Route: 422

Air Quality Status: Significant: Included in regional conformity analysis

Estimated Construction Bid Date: 10/31/30

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:

Draft

Reading MPO TIP - Highway & Bridge Projects

Project Costs(In Thousands)							
Phase	Fund	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Final Design	NHPP	\$0	\$0	\$0	\$0	\$5,320	\$0
Final Design	581	\$0	\$0	\$0	\$0	\$1,330	\$0
Final Design	LOC	\$0	\$0	\$0	\$0	\$16,010	\$0
Utility	NHPP	\$0	\$0	\$0	\$0	\$0	\$4,966
Utility	581	\$0	\$0	\$0	\$0	\$0	\$1,241
Construction	NHPP	\$0	\$0	\$0	\$0	\$0	\$36,800
Construction	581	\$0	\$0	\$0	\$0	\$0	\$24,200
Construction	LOC	\$0	\$0	\$0	\$0	\$0	\$278,248
Federal:		\$0	\$0	\$0	\$0	\$5320	\$41766
State:		\$0	\$0	\$0	\$0	\$1330	\$25441
Local/Other:		\$0	\$0	\$0	\$0	\$16010	\$278248
Period Totals:		2023	2024	2025	2026	2027 - 2030	2031 - 2034
		\$0	\$0	\$0	\$0	\$22,660	\$345,455
Total FFY 2023-2034 Cost		\$368,115					

PennDOT Project Id: 79079

Project Administrator: PennDOT

Improvement Type: Replace/Rehab

Municipality: Cumru (TWP)

Title: Freemansville Road over Angelica Creek

State Route: 3003

Air Quality Status: Exempt from Regional Conformity Analysis

Estimated Construction Bid Date: 12/15/22

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

Actual Construction Bid Date:

Location: SR 3003 over Angelica Creek
Cumru Township
Berks County

Project Description: This project involves the bridge rehabilitation / replacement of State Route 3003 (Freemansville Road) over Angelica Creek in Cumru Township, Berks County.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Utility	185	\$10	\$0	\$0	\$0	\$0	\$0
Construction	185	\$800	\$76	\$0	\$0	\$0	\$0
Federal:		\$0	\$0	\$0	\$0	\$0	\$0
State:		\$810	\$76	\$0	\$0	\$0	\$0
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		2023	2024	2025	2026	2027 - 2030	2031 - 2034
		\$810	\$76	\$0	\$0	\$0	\$0
Total FFY 2023-2034 Cost		\$886					

Draft

Reading MPO TIP - Highway & Bridge Projects

PennDOT Project Id: 79086

Project Administrator: PennDOT

Improvement Type: Replace/Rehab

Municipality: Robeson (TWP)

Estimated Construction Bid Date: 8/11/22

Actual Construction Bid Date:

Location: SR 568 over Allegheny Creek, Robeson Township, Berks County

Project Description: This project involves the bridge rehabilitation / replacement of State Route 568 (Green Hills Road) over Allegheny Creek in Robeson Township, Berks County.

Air Quality Description:

Title: Green Hills Road over Allegheny Creek

State Route: 568

Air Quality Status: Exempt from Regional Conformity Analysis

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

Project Costs(In Thousands)							
Phase	Fund	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Construction	STP	\$796	\$0	\$0	\$0	\$0	\$0
Construction	185	\$199	\$0	\$0	\$0	\$0	\$0
Federal:		\$796	\$0	\$0	\$0	\$0	\$0
State:		\$199	\$0	\$0	\$0	\$0	\$0
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		\$995	\$0	\$0	\$0	\$0	\$0
Total FFY 2023-2034 Cost		\$995					

PennDOT Project Id: 79467

Project Administrator: PennDOT

Improvement Type: Safety Improvement

Municipality: Alsace (TWP)

Estimated Construction Bid Date: 9/26/24

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 west at Skyline Drive.

Air Quality Description:

Title: SR 12 Elizabeth Avenue

State Route: 12

Air Quality Status: Significant: Included in regional conformity analysis

Project Costs(In Thousands)							
Phase	Fund	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Utility	STP	\$200	\$191	\$0	\$0	\$0	\$0
Right of Way	HSIP	\$895	\$0	\$0	\$0	\$0	\$0
Construction	CAQ	\$0	\$1,000	\$1,400	\$2,000	\$632	\$0
Construction	HSIP	\$0	\$0	\$1,100	\$0	\$1,200	\$0
Construction	581	\$0	\$250	\$625	\$500	\$458	\$0
Federal:		\$1095	\$1191	\$2500	\$2000	\$1832	\$0
State:		\$0	\$250	\$625	\$500	\$458	\$0
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		\$1,095	\$1,441	\$3,125	\$2,500	\$2,290	\$0
Total FFY 2023-2034 Cost		\$10,451					

Draft

Reading MPO TIP - Highway & Bridge Projects

PennDOT Project Id: 80070

Project Administrator: PennDOT

Improvement Type: Miscellaneous

Municipality:

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:

Title: RATS Br Review/Management

State Route: 0

Air Quality Status: Exempt from Regional Conformity Analysis

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

Project Costs(In Thousands)							
Phase	Fund	2023	2024	2025	2026	2027 - 2030	2031 - 2034
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
	Period Totals:	\$50	\$50	\$50	\$50	\$200	\$200
Total FFY 2023-2034 Cost		\$600					

PennDOT Project Id: 82791

Project Administrator: PennDOT

Improvement Type: Corridor Safety Improvement

Municipality:

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:

Title: CMAQ Reserve Line Item

State Route: 0

Air Quality Status: Exempt from Regional Conformity Analysis

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

Project Costs(In Thousands)							
Phase	Fund	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Construction	CAQ	\$87	\$116	\$17	\$211	\$1,628	\$12,705
	Federal:	\$87	\$116	\$17	\$211	\$1,628	\$12,705
	State:	\$0	\$0	\$0	\$0	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	\$87	\$116	\$17	\$211	\$1,628	\$12,705
Total FFY 2023-2034 Cost		\$14,764					

Draft

Reading MPO TIP - Highway & Bridge Projects

PennDOT Project Id: 82793

Project Administrator: PennDOT

Improvement Type: Transportation Enhancement

Municipality:

Estimated Construction Bid Date:

Actual Construction Bid Date:

Location: Berks County

Title: Alternative Transportation (TAP) Line Item

State Route: 0

Air Quality Status: Exempt from Regional Conformity Analysis

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

Project Description: This project consists of funding for the Transportation Alternatives Program (TAP) Reserve Line Item, formerly the Transportation Enhancement 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	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Construction	TAU	\$562	\$573	\$585	\$597	\$2,388	\$2,390
	Federal:	\$562	\$573	\$585	\$597	\$2388	\$2390
	State:	\$0	\$0	\$0	\$0	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	2023	2024	2025	2026	2027 - 2030	2031 - 2034
		\$562	\$573	\$585	\$597	\$2,388	\$2,390
Total FFY 2023-2034 Cost		\$7,095					

PennDOT Project Id: 82795

Project Administrator: PennDOT

Improvement Type: Safety Improvement

Municipality:

Estimated Construction Bid Date:

Actual Construction Bid Date:

Location: Berks County

Title: Safety Reserve Line Item

State Route: 0

Air Quality Status: Exempt from Regional Conformity Analysis

Air Quality Exempt Reason: S6 - Safety improvement program

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	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Construction	HSIP	\$97	\$51	\$109	\$50	\$2,354	\$6,432
	Federal:	\$97	\$51	\$109	\$50	\$2354	\$6432
	State:	\$0	\$0	\$0	\$0	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	2023	2024	2025	2026	2027 - 2030	2031 - 2034
		\$97	\$51	\$109	\$50	\$2,354	\$6,432
Total FFY 2023-2034 Cost		\$9,093					

Draft

Reading MPO TIP - Highway & Bridge Projects

PennDOT Project Id: 82796

Project Administrator: PennDOT

Improvement Type: Restoration

Municipality:

Estimated Construction Bid Date:

Actual Construction Bid Date:

Location: Berks County

Title: Urban Reserve Line Item

State Route: 0

Air Quality Status: Exempt from Regional Conformity Analysis

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

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	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Construction	STU	\$219	\$121	\$123	\$181	\$1,272	\$22,311
	Federal:	\$219	\$121	\$123	\$181	\$1272	\$22311
	State:	\$0	\$0	\$0	\$0	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	\$219	\$121	\$123	\$181	\$1,272	\$22,311
Total FFY 2023-2034 Cost		\$24,227					

PennDOT Project Id: 83081

Project Administrator: PennDOT

Improvement Type: Replace/Rehab

Municipality:

Estimated Construction Bid Date:

Actual Construction Bid Date:

Location: Berks County

Title: Delivery Consult Assistance

State Route: 0

Air Quality Status: Exempt from Regional Conformity Analysis

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

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	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Preliminary Engineering	581	\$1,000	\$1,000	\$1,000	\$1,500	\$6,000	\$6,000
	Federal:	\$0	\$0	\$0	\$0	\$0	\$0
	State:	\$1000	\$1000	\$1000	\$1500	\$6000	\$6000
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	\$1,000	\$1,000	\$1,000	\$1,500	\$6,000	\$6,000
Total FFY 2023-2034 Cost		\$16,500					

Draft

Reading MPO TIP - Highway & Bridge Projects

PennDOT Project Id: 85643

Project Administrator: PennDOT

Improvement Type: Replace/Rehab

Municipality: Albany (TWP)

Estimated Construction Bid Date: 4/1/27

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:

Title: Donat Road over Stoney Run

State Route: 1015

Air Quality Status: Exempt from Regional Conformity Analysis

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

Project Costs(In Thousands)							
Phase	Fund	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Final Design	BOF	\$0	\$0	\$0	\$225	\$90	\$0
Final Design	185	\$0	\$0	\$0	\$56	\$23	\$0
Utility	BOF	\$0	\$0	\$0	\$0	\$10	\$0
Utility	185	\$0	\$0	\$0	\$0	\$2	\$0
Right of Way	BOF	\$0	\$0	\$0	\$25	\$20	\$0
Right of Way	185	\$0	\$0	\$0	\$6	\$5	\$0
Construction	BOF	\$0	\$0	\$0	\$0	\$927	\$0
Construction	185	\$0	\$0	\$0	\$0	\$232	\$0
Federal:		\$0	\$0	\$0	\$250	\$1047	\$0
State:		\$0	\$0	\$0	\$62	\$262	\$0
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		\$0	\$0	\$0	\$312	\$1,309	\$0
Total FFY 2023-2034 Cost		\$1,621					

PennDOT Project Id: 85648

Project Administrator: PennDOT

Improvement Type: Bridge Replacement

Municipality: Albany (TWP)

Estimated Construction Bid Date: 4/11/24

Actual Construction Bid Date:

Location: SR 1018 (Stoney Run Valley Road) over Maiden Creek
Albany Township
Berks CountyProject Description: This project involves the bridge replacement of State Route 1018 (Stony Run Valley Road) over Maiden Creek in Albany Township, Berks County.
The structure is located approximately 0.1 miles southeast of SR 143 and 3.5 miles northwest of SR 737 (Krumsville Road).
For traffic control, the project will utilize separate detour plans for cars (6.9 miles) and trucks (14.6 miles) all on state-owned roadways.

Air Quality Description:

Title: Stoney Run Valley Road over Maiden Creek

State Route: 1018

Air Quality Status: Exempt from Regional Conformity Analysis

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

Project Costs(In Thousands)							
Phase	Fund	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Utility	BOF	\$0	\$0	\$0	\$0	\$5	\$0
Utility	185	\$0	\$0	\$0	\$0	\$1	\$0
Right of Way	BOF	\$5	\$0	\$0	\$0	\$0	\$0
Right of Way	185	\$1	\$0	\$0	\$0	\$0	\$0
Construction	BOF	\$0	\$0	\$0	\$0	\$1,000	\$476
Construction	185	\$0	\$0	\$0	\$0	\$250	\$119
Federal:		\$5	\$0	\$0	\$0	\$1005	\$476
State:		\$1	\$0	\$0	\$0	\$251	\$119
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		\$6	\$0	\$0	\$0	\$1,256	\$595
Total FFY 2023-2034 Cost		\$1,857					

Draft

Reading MPO TIP - Highway & Bridge Projects

PennDOT Project Id: 85650

Project Administrator: PennDOT

Improvement Type: Replace/Rehab

Municipality: Longswamp (TWP)

Title: Valley Road over Toad Creek

State Route: 1035

Air Quality Status: Exempt from Regional Conformity Analysis

Estimated Construction Bid Date:

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

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 a bridge rehabilitation / replacement 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	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Utility	185	\$52	\$0	\$0	\$0	\$0	\$0
	Federal:	\$0	\$0	\$0	\$0	\$0	\$0
	State:	\$52	\$0	\$0	\$0	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
		2023	2024	2025	2026	2027 - 2030	2031 - 2034
	Period Totals:	\$52	\$0	\$0	\$0	\$0	\$0
Total FFY 2023-2034 Cost		\$52					

PennDOT Project Id: 85670

Project Administrator: PennDOT

Improvement Type: Replace/Rehab

Municipality: Bethel (TWP)

Title: Camp Swatara Road ovr Little Swatara

State Route: 645

Air Quality Status: Exempt from Regional Conformity Analysis

Estimated Construction Bid Date: 4/10/25

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

Actual Construction Bid Date:

Location: SR 0645 over Little Swatara Creek, Bethel Township, Berks County

Project Description: This project involves the bridge rehabilitation / replacement of State Route 645 (Camp Swatara Road) over Little Swatara Creek in Bethel Township, Berks County.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Final Design	BOF	\$100	\$100	\$40	\$0	\$0	\$0
Final Design	185	\$25	\$25	\$10	\$0	\$0	\$0
Utility	BOF	\$0	\$0	\$22	\$0	\$0	\$0
Utility	185	\$0	\$0	\$5	\$0	\$0	\$0
Right of Way	BOF	\$0	\$35	\$29	\$0	\$0	\$0
Right of Way	185	\$0	\$9	\$7	\$0	\$0	\$0
Construction	BOF	\$0	\$0	\$410	\$500	\$800	\$0
Construction	BRIP	\$0	\$0	\$0	\$1,000	\$0	\$0
Construction	185	\$0	\$0	\$103	\$375	\$200	\$0
	Federal:	\$100	\$135	\$501	\$1500	\$800	\$0
	State:	\$25	\$34	\$125	\$375	\$200	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
		2023	2024	2025	2026	2027 - 2030	2031 - 2034
	Period Totals:	\$125	\$169	\$626	\$1,875	\$1,000	\$0
Total FFY 2023-2034 Cost		\$3,795					

Draft

Reading MPO TIP - Highway & Bridge Projects

PennDOT Project Id: 86420

Project Administrator: PennDOT

Improvement Type: Miscellaneous

Municipality: Reading (CITY)

Title: Berks Commuter Services

State Route: 0

Air Quality Status: Exempt from Regional Conformity Analysis

Estimated Construction Bid Date:

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

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	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Construction	CAQ	\$281	\$286	\$291	\$295	\$1,181	\$1,181
	Federal:	\$281	\$286	\$291	\$295	\$1181	\$1181
	State:	\$0	\$0	\$0	\$0	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
		2023	2024	2025	2026	2027 - 2030	2031 - 2034
	Period Totals:	\$281	\$286	\$291	\$295	\$1,181	\$1,181
Total FFY 2023-2034 Cost		\$3,515					

PennDOT Project Id: 87688

Project Administrator: PennDOT

Improvement Type: Intersection Improvement

Municipality: Sinking Spring (BORO)

Title: SR 422 in Sinking Spring

State Route: 422

Air Quality Status: Exempt from Regional Conformity Analysis

Estimated Construction Bid Date: 4/14/24

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

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:

Project Costs(In Thousands)							
Phase	Fund	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Utility	NHPP	\$103	\$0	\$0	\$0	\$0	\$0
Utility	581	\$26	\$0	\$0	\$0	\$0	\$0
Construction	NHPP	\$1,897	\$575	\$0	\$0	\$0	\$0
Construction	581	\$474	\$144	\$0	\$0	\$0	\$0
	Federal:	\$2000	\$575	\$0	\$0	\$0	\$0
	State:	\$500	\$144	\$0	\$0	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
		2023	2024	2025	2026	2027 - 2030	2031 - 2034
	Period Totals:	\$2,500	\$719	\$0	\$0	\$0	\$0
Total FFY 2023-2034 Cost		\$3,219					

Draft

Reading MPO TIP - Highway & Bridge Projects

PennDOT Project Id: 88781

Project Administrator: PennDOT

Improvement Type: Intersection Improvement

Municipality: Ruscombmanor (TWP)

Title: SR 12 and SR 73

State Route: 12

Air Quality Status: Exempt from Regional Conformity Analysis

Estimated Construction Bid Date: 7/14/22

Air Quality Exempt Reason: R1 - Intersection channelization projects

Actual Construction Bid Date:

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	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Construction	STP	\$215	\$0	\$0	\$0	\$0	\$0
	Federal:	\$215	\$0	\$0	\$0	\$0	\$0
	State:	\$0	\$0	\$0	\$0	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	\$215	\$0	\$0	\$0	\$0	\$0
Total FFY 2023-2034 Cost		\$215					

PennDOT Project Id: 89056

Project Administrator: PennDOT

Improvement Type: Transportation Enhancement

Municipality: Reading (CITY)

Title: Transp Alternative Project Mngmt

State Route: 0

Air Quality Status: Exempt from Regional Conformity Analysis

Estimated Construction Bid Date:

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

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	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Preliminary Engineering	STP	\$10	\$10	\$10	\$10	\$0	\$0
	Federal:	\$10	\$10	\$10	\$10	\$0	\$0
	State:	\$0	\$0	\$0	\$0	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	\$10	\$10	\$10	\$10	\$0	\$0
Total FFY 2023-2034 Cost		\$40					

Draft

Reading MPO TIP - Highway & Bridge Projects

PennDOT Project Id: 89215

Project Administrator: PennDOT

Improvement Type: Resurface

Municipality: Reading (CITY)

Estimated Construction Bid Date: 7/28/22

Actual Construction Bid Date:

Location: PA 12 from US 422 WB Ramps to SR 183
Wyomissing Borough and the City of Reading
Berks County

Project Description: This project involves highway resurfacing of State Route 12 (Warren Street Bypass) in Berks County from US Route 422 West Bound (WB) ramps in Wyomissing Borough to State Route 183 (Schuylkill Avenue) in the City of Reading including driveway curb closures, guide rail and single face barrier upgrades, glare screen installation, pavement restriping to provide lengthened acceleration lanes and tree removal and trimming. Work includes preservation activities to Warren Street Bypass over Tulpehocken Creek and Warren Street Bypass over Reading Boulevard.

Air Quality Description:

Title: PA 12 West Resurface- 422 WB Ramps to SR 183

State Route: 12

Air Quality Status: Exempt from Regional Conformity Analysis

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

Project Costs(In Thousands)							
Phase	Fund	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Construction	NHPP	\$58	\$0	\$0	\$0	\$0	\$0
Construction	581	\$14	\$0	\$0	\$0	\$0	\$0
Federal:		\$58	\$0	\$0	\$0	\$0	\$0
State:		\$14	\$0	\$0	\$0	\$0	\$0
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		\$72	\$0	\$0	\$0	\$0	\$0
Total FFY 2023-2034 Cost		\$72					

PennDOT Project Id: 89634

Project Administrator: PennDOT

Improvement Type: Bridge Removal

Municipality: Robeson (TWP)

Estimated Construction Bid Date: 4/1/29

Actual Construction Bid Date:

Location: PA 2082 over Hay Creek, Robeson Township, Berks County

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

Air Quality Description:

Title: Trap Rock Bridge Removal

State Route: 2082

Air Quality Status: Exempt from Regional Conformity Analysis

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

Project Costs(In Thousands)							
Phase	Fund	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Preliminary Engineering	185	\$0	\$0	\$0	\$0	\$116	\$0
Final Design	185	\$0	\$0	\$0	\$0	\$116	\$0
Utility	183	\$0	\$0	\$0	\$0	\$12	\$0
Right of Way	185	\$0	\$0	\$0	\$0	\$30	\$0
Construction	185	\$0	\$0	\$0	\$0	\$246	\$0
Federal:		\$0	\$0	\$0	\$0	\$0	\$0
State:		\$0	\$0	\$0	\$0	\$520	\$0
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		\$0	\$0	\$0	\$0	\$520	\$0
Total FFY 2023-2034 Cost		\$520					

Draft

Reading MPO TIP - Highway & Bridge Projects

PennDOT Project Id: 90569

Project Administrator: PennDOT

Improvement Type: Intersection Improvement

Municipality: Maxatawny (TWP)

Title: SR 222 and Long Lane Intersection Improvements

State Route: 222

Air Quality Status: Significant: Included in regional conformity analysis

Estimated Construction Bid Date: 3/2/23

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	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Construction	CAQ	\$2,652	\$1,796	\$1,393	\$0	\$0	\$0
Construction	581	\$663	\$449	\$348	\$0	\$0	\$0
Federal:		\$2652	\$1796	\$1393	\$0	\$0	\$0
State:		\$663	\$449	\$348	\$0	\$0	\$0
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		2023	2024	2025	2026	2027 - 2030	2031 - 2034
		\$3,315	\$2,245	\$1,741	\$0	\$0	\$0
Total FFY 2023-2034 Cost		\$7,301					

PennDOT Project Id: 91091

Project Administrator: PennDOT

Improvement Type: Replace/Rehab

Municipality: Reading (CITY)

Title: Schuylkill Ave Bridge SB

State Route: 183

Air Quality Status: Exempt from Regional Conformity Analysis

Estimated Construction Bid Date: 12/15/22

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

Actual Construction Bid Date:

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	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Construction	BRIP	\$2,000	\$1,862	\$0	\$0	\$0	\$0
Construction	STU	\$1,000	\$0	\$0	\$0	\$0	\$0
Construction	581	\$750	\$465	\$0	\$0	\$0	\$0
Federal:		\$3000	\$1862	\$0	\$0	\$0	\$0
State:		\$750	\$465	\$0	\$0	\$0	\$0
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		2023	2024	2025	2026	2027 - 2030	2031 - 2034
		\$3,750	\$2,327	\$0	\$0	\$0	\$0
Total FFY 2023-2034 Cost		\$6,077					

Draft

Reading MPO TIP - Highway & Bridge Projects

PennDOT Project Id: 91658

Project Administrator: PennDOT

Improvement Type: Traffic Control Center

Municipality: Bethel (TWP)

Title: TOC Operator-Berks

State Route: 78

Air Quality Status: Exempt from Regional Conformity Analysis

Estimated Construction Bid Date:

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

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	2023	2024	2025	2026	2027 - 2030	2031 - 2034
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
Period Totals:		\$125	\$75	\$125	\$75	\$400	\$500
Total FFY 2023-2034 Cost		\$1,300					

PennDOT Project Id: 91908

Project Administrator: PennDOT

Improvement Type: Replace/Rehab

Municipality: Heidelberg (TWP)

Title: North Third Street over Tulpehocken Creek

State Route: 419

Air Quality Status: Exempt from Regional Conformity Analysis

Estimated Construction Bid Date: 5/22/25

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

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	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Final Design	BRIP	\$368	\$250	\$0	\$0	\$0	\$0
Final Design	581	\$92	\$63	\$0	\$0	\$0	\$0
Utility	BRIP	\$0	\$35	\$7	\$0	\$0	\$0
Utility	581	\$0	\$9	\$2	\$0	\$0	\$0
Right of Way	BRIP	\$261	\$89	\$0	\$0	\$0	\$0
Right of Way	581	\$65	\$22	\$0	\$0	\$0	\$0
Construction	BRIP	\$0	\$0	\$2,500	\$3,182	\$0	\$0
Construction	185	\$0	\$0	\$625	\$796	\$0	\$0
Federal:		\$629	\$374	\$2507	\$3182	\$0	\$0
State:		\$157	\$94	\$627	\$796	\$0	\$0
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		\$786	\$468	\$3,134	\$3,978	\$0	\$0
Total FFY 2023-2034 Cost		\$8,366					

Draft

Reading MPO TIP - Highway & Bridge Projects

PennDOT Project Id: 91932

Project Administrator: PennDOT

Improvement Type: Replace/Rehab

Municipality: Lower Alsace (TWP)

Title: Carsonia Avenue over Antietam Creek

State Route: 2023

Air Quality Status: Exempt from Regional Conformity Analysis

Estimated Construction Bid Date: 7/14/22

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

Actual Construction Bid Date:

Location: SR 2023-01B over Antietam Creek, Lower Alsace Township, Berks County

Project Description: This project involves bridge replacement on SR 2023-01B (Friedensburg Road) over Antietam Creek in Lower Alsace Township, Berks County.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Construction	185	\$50	\$50	\$10	\$0	\$0	\$0
Federal:		\$0	\$0	\$0	\$0	\$0	\$0
State:		\$50	\$50	\$10	\$0	\$0	\$0
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		2023	2024	2025	2026	2027 - 2030	2031 - 2034
		\$50	\$50	\$10	\$0	\$0	\$0
Total FFY 2023-2034 Cost		\$110					

PennDOT Project Id: 91976

Project Administrator: PennDOT

Improvement Type: Bridge Replacement

Municipality: Upper Tulpehocken (TWP)

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

State Route: 183

Air Quality Status: Exempt from Regional Conformity Analysis

Estimated Construction Bid Date: 4/1/28

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

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	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Preliminary Engineering	STP	\$0	\$0	\$0	\$480	\$60	\$0
Preliminary Engineering	185	\$0	\$0	\$0	\$120	\$15	\$0
Final Design	STP	\$0	\$0	\$0	\$0	\$649	\$0
Final Design	185	\$0	\$0	\$0	\$0	\$162	\$0
Utility	STP	\$0	\$0	\$0	\$0	\$10	\$0
Utility	185	\$0	\$0	\$0	\$0	\$2	\$0
Right of Way	STP	\$0	\$0	\$0	\$0	\$65	\$0
Right of Way	185	\$0	\$0	\$0	\$0	\$16	\$0
Construction	STP	\$0	\$0	\$0	\$0	\$1,911	\$0
Construction	185	\$0	\$0	\$0	\$0	\$478	\$0
Federal:		\$0	\$0	\$0	\$480	\$2695	\$0
State:		\$0	\$0	\$0	\$120	\$673	\$0
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		2023	2024	2025	2026	2027 - 2030	2031 - 2034
		\$0	\$0	\$0	\$600	\$3,368	\$0
Total FFY 2023-2034 Cost		\$3,968					

Draft

Reading MPO TIP - Highway & Bridge Projects

PennDOT Project Id: 91995

Project Administrator: PennDOT

Improvement Type: Replace/Rehab

Municipality: Reading (CITY)

Estimated Construction Bid Date: 4/13/28

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:

Title: Centre Avenue over Norfolk Southern RR

State Route: 2087

Air Quality Status: Exempt from Regional Conformity Analysis

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

Project Costs(In Thousands)							
Phase	Fund	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Final Design	NHPP	\$0	\$0	\$0	\$0	\$464	\$0
Final Design	185	\$0	\$0	\$0	\$0	\$116	\$0
Utility	NHPP	\$0	\$0	\$0	\$0	\$48	\$0
Utility	185	\$0	\$0	\$0	\$0	\$12	\$0
Right of Way	NHPP	\$0	\$0	\$0	\$0	\$148	\$0
Right of Way	185	\$0	\$0	\$0	\$0	\$37	\$0
Construction	NHPP	\$0	\$0	\$0	\$0	\$5,254	\$0
Construction	185	\$0	\$0	\$0	\$0	\$1,314	\$0
Federal:		\$0	\$0	\$0	\$0	\$5914	\$0
State:		\$0	\$0	\$0	\$0	\$1479	\$0
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		\$0	\$0	\$0	\$0	\$7,393	\$0
Total FFY 2023-2034 Cost		\$7,393					

PennDOT Project Id: 92009

Project Administrator: PennDOT

Improvement Type: Bridge Rehabilitation

Municipality: Bally (BORO)

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:

Title: SR 100 over trib to Perkiomen Creek

State Route: 100

Air Quality Status: Exempt from Regional Conformity Analysis

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

Project Costs(In Thousands)							
Phase	Fund	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Utility	185	\$0	\$0	\$0	\$0	\$12	\$0
Right of Way	185	\$0	\$0	\$0	\$8	\$9	\$0
Federal:		\$0	\$0	\$0	\$0	\$0	\$0
State:		\$0	\$0	\$0	\$8	\$21	\$0
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		\$0	\$0	\$0	\$8	\$21	\$0
Total FFY 2023-2034 Cost		\$29					

Draft

Reading MPO TIP - Highway & Bridge Projects

PennDOT Project Id: 92043

Project Administrator: PennDOT
Improvement Type: Replace/Rehab
Municipality: Amity (TWP)

Title: Tollgate Rd over Unnamed Trib to Leaf Creek

State Route: 2057

Air Quality Status: Exempt from Regional Conformity Analysis

Estimated Construction Bid Date: 12/15/22

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

Actual Construction Bid Date:

Location: SR 2057 (Tollgate Rd) over an unnamed Tributary to Leaf Creek
 Amity Township
 Berks County

Project Description: This project involves the bridge rehabilitation / replacement of State Route 2057 (Tollgate Road) over an unnamed Tributary to Leaf Creek in Amity Township, Berks County. Minor approach and roadway improvements will extend into Douglass Township.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Construction	BOF	\$0	\$0	\$0	\$234	\$728	\$0
Construction	185	\$0	\$0	\$0	\$58	\$182	\$0
Federal:		\$0	\$0	\$0	\$234	\$728	\$0
State:		\$0	\$0	\$0	\$58	\$182	\$0
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		\$0	\$0	\$0	\$292	\$910	\$0
Total FFY 2023-2034 Cost		\$1,202					

PennDOT Project Id: 92070

Project Administrator: PennDOT
Improvement Type: Bridge Replacement
Municipality: Sinking Spring (BORO)

Title: Penn Avenue over Cacoosing Creek

State Route: 422

Air Quality Status: Exempt from Regional Conformity Analysis

Estimated Construction Bid Date: 4/1/26

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

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	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Preliminary Engineering	BRIP	\$200	\$200	\$94	\$0	\$0	\$0
Preliminary Engineering	185	\$50	\$50	\$24	\$0	\$0	\$0
Final Design	BRIP	\$0	\$0	\$699	\$0	\$0	\$0
Final Design	185	\$0	\$0	\$175	\$0	\$0	\$0
Utility	BRIP	\$0	\$0	\$0	\$18	\$0	\$0
Utility	185	\$0	\$0	\$0	\$5	\$0	\$0
Right of Way	BRIP	\$0	\$0	\$39	\$0	\$0	\$0
Right of Way	185	\$0	\$0	\$10	\$0	\$0	\$0
Construction	BRIP	\$0	\$0	\$0	\$900	\$180	\$0
Construction	185	\$0	\$0	\$0	\$225	\$45	\$0
Federal:		\$200	\$200	\$832	\$918	\$180	\$0
State:		\$50	\$50	\$209	\$230	\$45	\$0
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		\$250	\$250	\$1,041	\$1,148	\$225	\$0
Total FFY 2023-2034 Cost		\$2,914					

Draft

Reading MPO TIP - Highway & Bridge Projects

PennDOT Project Id: 92079

Project Administrator: PennDOT

Improvement Type: Replace/Rehab

Municipality: Tulpehocken (TWP)

Estimated Construction Bid Date: 1/25/24

Actual Construction Bid Date:

Location: PA 419 over Mill Creek, Tulpehocken Township, Berks County

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

Air Quality Description:

Title: Rehrersburg Road over Mill Creek

State Route: 419

Air Quality Status: Exempt from Regional Conformity Analysis

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

Project Costs(In Thousands)							
Phase	Fund	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Final Design	STP	\$0	\$0	\$0	\$50	\$220	\$0
Final Design	185	\$0	\$0	\$0	\$13	\$55	\$0
Utility	STP	\$0	\$0	\$0	\$0	\$24	\$0
Utility	185	\$0	\$0	\$0	\$0	\$6	\$0
Right of Way	STP	\$0	\$0	\$0	\$0	\$46	\$0
Right of Way	185	\$0	\$0	\$0	\$0	\$12	\$0
Construction	STP	\$0	\$0	\$0	\$0	\$789	\$0
Construction	185	\$0	\$0	\$0	\$0	\$197	\$0
Federal:		\$0	\$0	\$0	\$50	\$1079	\$0
State:		\$0	\$0	\$0	\$13	\$270	\$0
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		\$0	\$0	\$0	\$63	\$1,349	\$0
Total FFY 2023-2034 Cost		\$1,412					

PennDOT Project Id: 92414

Project Administrator: PennDOT

Improvement Type: Intersection Improvement

Municipality: Maiden Creek (TWP)

Estimated Construction Bid Date: 7/25/19

Actual Construction Bid Date: 7/25/19

Location: Intersections of State Routes 222 & State Route 73
 State Route 222 & Tamarack / Genesis Drive
 State Route 222 & Schaeffer Road
 Maidencreek Township
 Berks County

Project Description: This project involves intersection improvements at the intersection of US Route 222 and State Route 73, including additional turn lanes and signal improvements to reduce overall delay through the corridor and provide pedestrian accessibility. The intersections of US Route 222 and Tamarack / Genesis Drive and US Route 222 and Schaeffer Road will each receive a multilane roundabout. Ten (10') foot shoulders are to be provided for the accommodation of non-motorized traffic including horse and buggies and bicycles. At the southern end of the project, the existing structure over Willow Creek will be replaced.

The limits of the SR 222 Section 22S project are 2,800 feet South of the intersection of SR 222 (Allentown Pike) and Snyder Road (SR 1001) to the intersection of SR 222 (Allentown Pike) and Evansville Road (T-759) in Maidencreek Township, Berks County.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Construction	CAQ	\$25	\$0	\$0	\$0	\$0	\$0
Federal:		\$25	\$0	\$0	\$0	\$0	\$0
State:		\$0	\$0	\$0	\$0	\$0	\$0
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		\$25	\$0	\$0	\$0	\$0	\$0
Total FFY 2023-2034 Cost		\$25					

Draft

Reading MPO TIP - Highway & Bridge Projects

PennDOT Project Id: 93626

Project Administrator: PennDOT

Improvement Type: Replace/Rehab

Municipality: Muhlenberg (TWP)

Title: 5th St Bridge over PA Route 12

State Route: 2005

Air Quality Status: Exempt from Regional Conformity Analysis

Estimated Construction Bid Date: 4/1/29

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

Actual Construction Bid Date:

Location: SR 2005 (5th Street) over SR 12, Muhlenberg Township, Berks County

Project Description: This project involves the bridge rehabilitation / replacement of State Route 2005 (5th Street) over State Route 12 (Warren Street Bypass) in Muhlenberg Township, Berks County.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Preliminary Engineering	NHPP	\$0	\$0	\$0	\$0	\$371	\$0
Preliminary Engineering	185	\$0	\$0	\$0	\$0	\$93	\$0
Final Design	NHPP	\$0	\$0	\$0	\$0	\$239	\$0
Final Design	185	\$0	\$0	\$0	\$0	\$60	\$0
Right of Way	NHPP	\$0	\$0	\$0	\$0	\$10	\$0
Right of Way	185	\$0	\$0	\$0	\$0	\$2	\$0
Construction	NHPP	\$0	\$0	\$0	\$0	\$4,200	\$0
Construction	STU	\$0	\$0	\$0	\$0	\$11,444	\$0
Construction	185	\$0	\$0	\$0	\$0	\$3,911	\$0
Federal:		\$0	\$0	\$0	\$0	\$16264	\$0
State:		\$0	\$0	\$0	\$0	\$4066	\$0
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		\$0	\$0	\$0	\$0	\$20,330	\$0
Total FFY 2023-2034 Cost		\$20,330					

PennDOT Project Id: 94290

Project Administrator: PennDOT

Improvement Type: Replace/Rehab

Municipality: Marion (TWP)

Title: Charming Forge over Mill Race Creek

State Route: 3037

Air Quality Status: Exempt from Regional Conformity Analysis

Estimated Construction Bid Date: 4/5/29

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

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	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Final Design	BOF	\$0	\$0	\$0	\$185	\$17	\$0
Final Design	185	\$0	\$0	\$0	\$46	\$4	\$0
Utility	BOF	\$0	\$0	\$0	\$0	\$51	\$0
Utility	185	\$0	\$0	\$0	\$0	\$13	\$0
Right of Way	BOF	\$0	\$0	\$0	\$73	\$0	\$0
Right of Way	185	\$0	\$0	\$0	\$18	\$0	\$0
Construction	BOF	\$0	\$0	\$0	\$0	\$771	\$0
Construction	185	\$0	\$0	\$0	\$0	\$193	\$0
Federal:		\$0	\$0	\$0	\$258	\$839	\$0
State:		\$0	\$0	\$0	\$64	\$210	\$0
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		\$0	\$0	\$0	\$322	\$1,049	\$0
Total FFY 2023-2034 Cost		\$1,371					

Draft

Reading MPO TIP - Highway & Bridge Projects

PennDOT Project Id: 94900

Project Administrator: PennDOT

Improvement Type: Traffic System Management

Municipality: Wyomissing (BORO)

Estimated Construction Bid Date: 11/1/18

Actual Construction Bid Date: 11/1/18

Location: SR 422, US 222 and PA 12

Title: Freeway Service Patrol

State Route: 422

Air Quality Status: Exempt from Regional Conformity Analysis

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

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	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Construction	STP	\$142	\$142	\$0	\$0	\$0	\$0
Construction	STU	\$105	\$105	\$251	\$259	\$1,116	\$1,200
Federal:		\$247	\$247	\$251	\$259	\$1116	\$1200
State:		\$0	\$0	\$0	\$0	\$0	\$0
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		2023	2024	2025	2026	2027 - 2030	2031 - 2034
		\$247	\$247	\$251	\$259	\$1,116	\$1,200
Total FFY 2023-2034 Cost		\$3,320					

PennDOT Project Id: 95399

Project Administrator: PennDOT

Improvement Type: Environmental Mitigation

Municipality: Kutztown (BORO)

Estimated Construction Bid Date:

Actual Construction Bid Date:

Location: Various sites within Berks County

Title: Environmental Impacts Resolution LI

State Route: 0

Air Quality Status: Exempt from Regional Conformity Analysis

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

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	2023	2024	2025	2026	2027 - 2030	2031 - 2034
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:		2023	2024	2025	2026	2027 - 2030	2031 - 2034
		\$50	\$50	\$50	\$50	\$200	\$200
Total FFY 2023-2034 Cost		\$600					

Draft

Reading MPO TIP - Highway & Bridge Projects

PennDOT Project Id: 96373

Project Administrator: PennDOT

Title: PA 61 Restoration Phase 1

Improvement Type: Restoration

State Route: 61

Municipality: Tilden (TWP)

Air Quality Status: Exempt from Regional Conformity Analysis

Estimated Construction Bid Date: 4/11/24

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

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 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:

Project Costs(In Thousands)							
Phase	Fund	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Utility	NHPP	\$76	\$0	\$0	\$0	\$0	\$0
Utility	581	\$19	\$0	\$0	\$0	\$0	\$0
Construction	NHPP	\$0	\$3,000	\$2,000	\$1,960	\$0	\$0
Construction	581	\$0	\$750	\$500	\$490	\$0	\$0
Federal:		\$76	\$3000	\$2000	\$1960	\$0	\$0
State:		\$19	\$750	\$500	\$490	\$0	\$0
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		\$95	\$3,750	\$2,500	\$2,450	\$0	\$0
Total FFY 2023-2034 Cost		\$8,795					

PennDOT Project Id: 97234

Project Administrator: PennDOT

Title: 222 Kutztown Bypass to Lehigh County Line

Improvement Type: Widen

State Route: 222

Municipality: Maxatawny (TWP)

Air Quality Status: Significant: Included in regional conformity analysis

Estimated Construction Bid Date: 4/1/30

Actual Construction Bid Date:

Location: SR 222 from Kutztown Bypass northward to the Berks/Lehigh County Line
Maxatawny Township
Berks County

Project Description: This project involves the preliminary engineering phase for widening to two lanes in both directions of US Route 222 for 3.81 miles from the US Route 222 Kutztown Bypass north to Kutztown Road at the Berks/Lehigh County Line in Maxatawny Township, Berks County.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Preliminary Engineering	NHPP	\$0	\$0	\$0	\$0	\$4,526	\$0
Preliminary Engineering	581	\$0	\$0	\$0	\$0	\$1,132	\$0
Federal:		\$0	\$0	\$0	\$0	\$4526	\$0
State:		\$0	\$0	\$0	\$0	\$1132	\$0
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		\$0	\$0	\$0	\$0	\$5,658	\$0
Total FFY 2023-2034 Cost		\$5,658					

Draft

Reading MPO TIP - Highway & Bridge Projects

PennDOT Project Id: 97258

Project Administrator: PennDOT

Improvement Type: Guiderail Improvement

Municipality: Perry (TWP)

Title: SR 61 Med Barrier - Perry Wind

State Route: 61

Air Quality Status: Exempt from Regional Conformity Analysis

Estimated Construction Bid Date: 4/11/24

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

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	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Construction	NHPP	\$0	\$0	\$0	\$530	\$0	\$0
	Federal:	\$0	\$0	\$0	\$530	\$0	\$0
	State:	\$0	\$0	\$0	\$0	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	\$0	\$0	\$0	\$530	\$0	\$0
Total FFY 2023-2034 Cost		\$530					

PennDOT Project Id: 97417

Project Administrator: PennDOT

Improvement Type: Miscellaneous

Municipality: Reading (CITY)

Title: Construction Assistance

State Route: 0

Air Quality Status: Exempt from Regional Conformity Analysis

Estimated Construction Bid Date:

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

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	2023	2024	2025	2026	2027 - 2030	2031 - 2034
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 2023-2034 Cost		\$600					

Draft

Reading MPO TIP - Highway & Bridge Projects

PennDOT Project Id: 97838

Project Administrator: PennDOT

Improvement Type: Resurface

Municipality: Cumru (TWP)

Title: Construction Assistance

State Route: 0

Air Quality Status: Exempt from Regional Conformity Analysis

Estimated Construction Bid Date:

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

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	2023	2024	2025	2026	2027 - 2030	2031 - 2034
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
		2023	2024	2025	2026	2027 - 2030	2031 - 2034
	Period Totals:	\$50	\$50	\$50	\$50	\$200	\$200
Total FFY 2023-2034 Cost		\$600					

PennDOT Project Id: 102161

Project Administrator: PennDOT

Improvement Type: Corridor Safety Improvement

Municipality: Reading (CITY)

Title: Lancaster (US 222 Bus) Corridor Imp

State Route: 3222

Air Quality Status: Significant: Included in regional conformity analysis

Estimated Construction Bid Date:

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.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Study	HSIP	\$0	\$0	\$109	\$0	\$0	\$0
Preliminary Engineering	HSIP	\$0	\$0	\$0	\$300	\$263	\$0
Final Design	HSIP	\$0	\$0	\$0	\$0	\$169	\$0
Construction	HSIP	\$0	\$0	\$0	\$0	\$836	\$0
	Federal:	\$0	\$0	\$109	\$300	\$1268	\$0
	State:	\$0	\$0	\$0	\$0	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
		2023	2024	2025	2026	2027 - 2030	2031 - 2034
	Period Totals:	\$0	\$0	\$109	\$300	\$1,268	\$0
Total FFY 2023-2034 Cost		\$1,677					

Draft

Reading MPO TIP - Highway & Bridge Projects

PennDOT Project Id: 102162

Project Administrator: PennDOT

Title: SR 2014 (Spring St) Corridor Improvements

Improvement Type: Corridor Safety Improvement

State Route: 2014

Municipality: Reading (CITY)

Air Quality Status: Significant: Included in regional conformity analysis

Estimated Construction Bid Date: 7/14/22

Actual Construction Bid Date:

Location: SR 2014 (Spring Street)

City of Reading

Berks County

Project Description: This project involves corridor improvements to the entire length of State Route 2014 (Spring Street) from Centre Avenue (State Route 61) to 13th Street in the City of Reading, Berks County. This project will upgrade traffic signals to provide higher visibility by adding larger signal heads, brighter illumination with LED modules, and additional signal heads over travel lanes with protected phasing where needed. Signal Coordination using new controller equipment will reduce congestion and improve safety through radio interconnection. Ten existing signals either have small heads, are dim or are poorly positioned on old supporting equipment.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Construction	HSIP	\$10	\$0	\$0	\$0	\$0	\$0
	Federal:	\$10	\$0	\$0	\$0	\$0	\$0
	State:	\$0	\$0	\$0	\$0	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	\$10	\$0	\$0	\$0	\$0	\$0
Total FFY 2023-2034 Cost		\$10					

PennDOT Project Id: 102189

Project Administrator: PennDOT

Title: RATS Hwy & Bridge Reserve

Improvement Type: Restoration

State Route: 0

Municipality: Reading (CITY)

Air Quality Status: Exempt from Regional Conformity Analysis

Estimated Construction Bid Date:

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

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	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Construction	BOF	\$58	\$158	\$34	\$92	\$163	\$13,676
Construction	BRIP	\$87	\$151	\$81	\$2	\$25,083	\$26,974
Construction	NHPP	\$3	\$363	\$167	\$294	\$647	\$58
Construction	STP	\$163	\$378	\$191	\$171	\$3,150	\$20,187
Construction	185	\$93	\$88	\$29	\$142	\$2,063	\$23,224
Construction	581	\$82	\$590	\$666	\$709	\$11,124	\$4,270
	Federal:	\$311	\$1050	\$473	\$559	\$29043	\$60895
	State:	\$175	\$678	\$695	\$851	\$13187	\$27494
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	\$486	\$1,728	\$1,168	\$1,410	\$42,230	\$88,389
Total FFY 2023-2034 Cost		\$135,411					

Draft

Reading MPO TIP - Highway & Bridge Projects

PennDOT Project Id: 102763

Project Administrator: PennDOT

Improvement Type: Miscellaneous

Municipality:

Estimated Construction Bid Date:

Actual Construction Bid Date:

Location: Berks County

Title: RATS Traffic Review Assistance

State Route: 0

Air Quality Status: Exempt from Regional Conformity Analysis

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

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	2023	2024	2025	2026	2027 - 2030	2031 - 2034
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 2023-2034 Cost		\$600					

PennDOT Project Id: 102959

Project Administrator: PennDOT

Improvement Type: Replace/Rehab

Municipality: Kutztown (BORO)

Estimated Construction Bid Date: 8/11/22

Actual Construction Bid Date:

Location: Peach Street Bridge
SR 7410 over Sacony Creek
Kutztown Borough
Berks County

Title: Peach Street Bridge

State Route: 7410

Air Quality Status: Exempt from Regional Conformity Analysis

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

Project Description: This project involves the replacement of the county owned Peach Street Bridge (#10B) on State Route 7410 over Sacony Creek in the Borough of Kutztown, Berks County.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Construction	BOF	\$1,500	\$0	\$0	\$0	\$0	\$0
Construction	183	\$281	\$0	\$0	\$0	\$0	\$0
Construction	LOC	\$94	\$0	\$0	\$0	\$0	\$0
	Federal:	\$1500	\$0	\$0	\$0	\$0	\$0
	State:	\$281	\$0	\$0	\$0	\$0	\$0
	Local/Other:	\$94	\$0	\$0	\$0	\$0	\$0
	Period Totals:	\$1,875	\$0	\$0	\$0	\$0	\$0
Total FFY 2023-2034 Cost		\$1,875					

Draft

Reading MPO TIP - Highway & Bridge Projects

PennDOT Project Id: 103884

Project Administrator: PennDOT

Improvement Type: Bridge Rehabilitation

Municipality: Exeter (TWP)

Title: Gibraltar Road Bridge

State Route: 7214

Air Quality Status: Exempt from Regional Conformity Analysis

Estimated Construction Bid Date: 5/26/22

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

Actual Construction Bid Date:

Location: Gibraltar Road T-578 bridge over Antietam Creek Exeter Township Berks County

Project Description: This project involves the superstructure rehabilitation of county owned (#45A) Gibraltar Road (T-578) Bridge over Antietam Creek in Exeter Township, Berks County. A companion project under MPMS #110206 addresses the reconfiguration of the adjacent intersection with SR 2033 (Shelbourne Road) improvements including an addition of eastbound left turn lane and new traffic signal.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Construction	BOF	\$891	\$0	\$0	\$0	\$0	\$0
Construction	183	\$167	\$0	\$0	\$0	\$0	\$0
Construction	LOC	\$56	\$0	\$0	\$0	\$0	\$0
Federal:		\$891	\$0	\$0	\$0	\$0	\$0
State:		\$167	\$0	\$0	\$0	\$0	\$0
Local/Other:		\$56	\$0	\$0	\$0	\$0	\$0
Period Totals:		\$1,114	\$0	\$0	\$0	\$0	\$0
Total FFY 2023-2034 Cost		\$1,114					

PennDOT Project Id: 105954

Project Administrator: PennDOT

Improvement Type: Corridor Safety Improvement

Municipality: Wyomissing (BORO)

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

State Route: 3023

Air Quality Status: Significant: Included in regional conformity analysis

Estimated Construction Bid Date: 4/25/24

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	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Preliminary Engineering	HSIP	\$171	\$0	\$0	\$0	\$0	\$0
Final Design	HSIP	\$361	\$0	\$0	\$0	\$0	\$0
Utility	STP	\$0	\$103	\$0	\$0	\$0	\$0
Right of Way	HSIP	\$700	\$0	\$0	\$0	\$0	\$0
Right of Way	STP	\$0	\$227	\$0	\$0	\$0	\$0
Construction	STP	\$0	\$300	\$3,000	\$1,500	\$3,433	\$0
Construction	581	\$0	\$75	\$750	\$375	\$858	\$0
Federal:		\$1232	\$630	\$3000	\$1500	\$3433	\$0
State:		\$0	\$75	\$750	\$375	\$858	\$0
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		\$1,232	\$705	\$3,750	\$1,875	\$4,291	\$0
Total FFY 2023-2034 Cost		\$11,853					

Draft

Reading MPO TIP - Highway & Bridge Projects

PennDOT Project Id: 105963

Project Administrator: PennDOT

Improvement Type: Relocation/Realignment

Municipality: Oley (TWP)

Title: Route 662 and Oley Turnpike Intersection

State Route: 662

Air Quality Status: Significant: Included in regional conformity analysis

Estimated Construction Bid Date:

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	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Preliminary Engineering	HSIP	\$618	\$0	\$0	\$0	\$0	\$0
Final Design	HSIP	\$0	\$0	\$350	\$415	\$0	\$0
Utility	HSIP	\$0	\$0	\$0	\$0	\$58	\$0
Right of Way	HSIP	\$0	\$0	\$250	\$296	\$0	\$0
Construction	HSIP	\$0	\$0	\$0	\$0	\$4,058	\$0
Federal:		\$618	\$0	\$600	\$711	\$4116	\$0
State:		\$0	\$0	\$0	\$0	\$0	\$0
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		2023	2024	2025	2026	2027 - 2030	2031 - 2034
		\$618	\$0	\$600	\$711	\$4,116	\$0
Total FFY 2023-2034 Cost		\$6,045					

PennDOT Project Id: 106140

Project Administrator: PennDOT

Improvement Type: RR Warning Devices

Municipality: Reading (CITY)

Title: Reading NS RRX Corridor

State Route: 2006

Air Quality Status: Exempt from Regional Conformity Analysis

Estimated Construction Bid Date: 7/28/22

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

Actual Construction Bid Date:

Location: Chestnut Street - 592-142Y, Franklin Street - 592-143F, Cherry Street - 592-144M, City of Reading, Berks County

Project Description: This project involves rail crossing signalization upgrades in the City of Reading, Berks County. The rail crossing signals to be upgraded cross Chestnut Street, Franklin Street and Cherry Street.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Construction	RRX	\$200	\$200	\$192	\$0	\$0	\$0
Federal:		\$200	\$200	\$192	\$0	\$0	\$0
State:		\$0	\$0	\$0	\$0	\$0	\$0
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		2023	2024	2025	2026	2027 - 2030	2031 - 2034
		\$200	\$200	\$192	\$0	\$0	\$0
Total FFY 2023-2034 Cost		\$592					

Draft

Reading MPO TIP - Highway & Bridge Projects

PennDOT Project Id: 109222

Project Administrator: PennDOT

Improvement Type: Safety Improvement

Municipality: Maiden Creek (TWP)

Title: SR 73 and 1005 Intersection Improvement

State Route: 73

Air Quality Status: Exempt from Regional Conformity Analysis

Estimated Construction Bid Date: 4/1/29

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

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	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Final Design	STP	\$0	\$0	\$0	\$300	\$60	\$0
Final Design	581	\$0	\$0	\$0	\$75	\$15	\$0
Utility	STP	\$0	\$0	\$0	\$0	\$10	\$0
Utility	581	\$0	\$0	\$0	\$0	\$2	\$0
Right of Way	STP	\$0	\$0	\$0	\$0	\$93	\$0
Right of Way	581	\$0	\$0	\$0	\$0	\$23	\$0
Construction	STP	\$0	\$0	\$0	\$0	\$984	\$0
Construction	581	\$0	\$0	\$0	\$0	\$246	\$0
Federal:		\$0	\$0	\$0	\$300	\$1147	\$0
State:		\$0	\$0	\$0	\$75	\$286	\$0
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		\$0	\$0	\$0	\$375	\$1,433	\$0
Total FFY 2023-2034 Cost		\$1,808					

PennDOT Project Id: 109337

Project Administrator: PennDOT

Improvement Type: Guiderail Improvement

Municipality: Tilden (TWP)

Title: 61 Med Barr - Tilden Twp

State Route: 61

Air Quality Status: Exempt from Regional Conformity Analysis

Estimated Construction Bid Date: 4/11/24

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

Actual Construction Bid Date:

Location: SR 61 - NW of Hamburg from the Walmart entrance at Lowland Road to a point approximately 0.4 miles north , Tilden Township, Berks County

Project Description: This project will add a median barrier from the Walmart entrance at Lowland Road to a point approximately 0.4 miles north in Tilden Township, Berks County.

Installation is anticipated to be constructed with the highway 61 Restoration Phase 1 contract under MPMS #96373.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Construction	NHPP	\$0	\$0	\$0	\$530	\$0	\$0
Federal:		\$0	\$0	\$0	\$530	\$0	\$0
State:		\$0	\$0	\$0	\$0	\$0	\$0
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		\$0	\$0	\$0	\$530	\$0	\$0
Total FFY 2023-2034 Cost		\$530					

Draft

Reading MPO TIP - Highway & Bridge Projects

PennDOT Project Id: 109894

Project Administrator: PennDOT

Improvement Type: Bridge Rehabilitation

Municipality: Hamburg (BORO)

Estimated Construction Bid Date: 4/13/23

Actual Construction Bid Date:

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:

Title: SR 61 Bridge Rehabilitation

State Route: 61

Air Quality Status: Exempt from Regional Conformity Analysis

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

Project Costs(In Thousands)							
Phase	Fund	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Construction	NHPP	\$6,490	\$0	\$0	\$0	\$0	\$0
Construction	STU	\$1,500	\$0	\$0	\$0	\$0	\$0
Construction	581	\$1,998	\$0	\$0	\$0	\$0	\$0
Federal:		\$7990	\$0	\$0	\$0	\$0	\$0
State:		\$1998	\$0	\$0	\$0	\$0	\$0
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		\$9,988	\$0	\$0	\$0	\$0	\$0
Total FFY 2023-2034 Cost		\$9,988					

PennDOT Project Id: 110007

Project Administrator: PennDOT

Improvement Type: Resurface

Municipality: Wyomissing (BORO)

Estimated Construction Bid Date: 2/17/22

Actual Construction Bid Date: 2/17/22

Location: Wyomissing Borough Line to Route 222 and 422 Interchange Wyomissing and Spring Township
Berks County

Project Description: This project involves concrete patching and ultra-thin overlay of US Route 222 from the Wyomissing Borough Line, near the Reading Boulevard overpass, to a point between the State Hill Road and Paper Mill Road / Crossing Drive interchanges. Project also includes similar improvements to the Penn Avenue and State Hill Road interchange ramps and preventative maintenance measures to the Penn Avenue and State Hill Road overpasses.

Air Quality Description:

Title: 222 Warren Street Wyomissing

State Route: 222

Air Quality Status: Exempt from Regional Conformity Analysis

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

Project Costs(In Thousands)							
Phase	Fund	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Construction	NHPP	\$575	\$0	\$0	\$0	\$0	\$0
Federal:		\$575	\$0	\$0	\$0	\$0	\$0
State:		\$0	\$0	\$0	\$0	\$0	\$0
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		\$575	\$0	\$0	\$0	\$0	\$0
Total FFY 2023-2034 Cost		\$575					

Draft

Reading MPO TIP - Highway & Bridge Projects

PennDOT Project Id: 110008

Project Administrator: PennDOT

Improvement Type: Widen

Municipality: Wyomissing (BORO)

Title: 222 SB Auxiliary Lane-Wyomissing "Hard Shoulder"

State Route: 222

Air Quality Status: Significant: Included in regional conformity analysis

Estimated Construction Bid Date: 10/23/25

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. Due to increasing capacity, noise study mitigation results to be determined. Project also includes preventative maintenance measures to the bridge spanning Crossing Drive and concrete patching and resurfacing on adjacent section of roadway.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Final Design	NHPP	\$659	\$0	\$0	\$0	\$0	\$0
Final Design	581	\$165	\$0	\$0	\$0	\$0	\$0
Right of Way	NHPP	\$0	\$100	\$70	\$0	\$0	\$0
Right of Way	581	\$0	\$25	\$17	\$0	\$0	\$0
Construction	NHPP	\$0	\$0	\$0	\$3,300	\$9,617	\$0
Construction	STP	\$0	\$0	\$0	\$2,300	\$90	\$0
Construction	STU	\$0	\$0	\$0	\$1,000	\$3,000	\$0
Construction	581	\$0	\$0	\$0	\$1,650	\$3,177	\$0
Federal:		\$659	\$100	\$70	\$6600	\$12707	\$0
State:		\$165	\$25	\$17	\$1650	\$3177	\$0
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		\$824	\$125	\$87	\$8,250	\$15,884	\$0
Total FFY 2023-2034 Cost		\$25,170					

PennDOT Project Id: 110009

Project Administrator: PennDOT

Improvement Type: Resurface

Municipality: Muhlenberg (TWP)

Title: 222 from 61 to BUS 222

State Route: 222

Air Quality Status: Exempt from Regional Conformity Analysis

Estimated Construction Bid Date: 1/27/22

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

Actual Construction Bid Date: 1/27/22

Location: Route 222 from Route 61 to Business Route 222 , Muhlenberg and Ontelaunee Townships, Berks County

Project Description: This project involves the roadway resurfacing of US Route 222 from Route 61 to Business Route 222 (5th Street Highway). Work will include concrete patching and diamond grinding, and bridge preservation activities on 6 structures in Muhlenberg and Ontelaunee Townships, Berks County.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Construction	NHPP	\$369	\$0	\$0	\$0	\$0	\$0
Federal:		\$369	\$0	\$0	\$0	\$0	\$0
State:		\$0	\$0	\$0	\$0	\$0	\$0
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		\$369	\$0	\$0	\$0	\$0	\$0
Total FFY 2023-2034 Cost		\$369					

Draft

Reading MPO TIP - Highway & Bridge Projects

PennDOT Project Id: 110011

Project Administrator: PennDOT
Improvement Type: Replace/Rehab
Municipality: Pike (TWP)

Title: Berks Box Culvert Bundle

State Route: 1026

Air Quality Status: Exempt from Regional Conformity Analysis

Estimated Construction Bid Date: 9/14/23

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

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 1026 (Long Lane) over the West Branch of Pine Creek, 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	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Construction	BRIP	\$1,401	\$0	\$0	\$0	\$0	\$0
Construction	185	\$1,200	\$0	\$0	\$0	\$0	\$0
Federal:		\$1401	\$0	\$0	\$0	\$0	\$0
State:		\$1200	\$0	\$0	\$0	\$0	\$0
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
		2023	2024	2025	2026	2027 - 2030	2031 - 2034
Period Totals:		\$2,601	\$0	\$0	\$0	\$0	\$0
Total FFY 2023-2034 Cost		\$2,601					

PennDOT Project Id: 110012

Project Administrator: PennDOT
Improvement Type: Safety Improvement
Municipality: Cumru (TWP)

Title: 724 Fence Barrier

State Route: 724

Air Quality Status: Exempt from Regional Conformity Analysis

Estimated Construction Bid Date: 2/16/23

Air Quality Exempt Reason: S2 - Hazard elimination program

Actual Construction Bid Date:

Location: SR 724 (Philadelphia Avenue) from Valley Stream Road to Kennel Road, Cumru Township, Berks County

Project Description: This project involves the upgrade of the existing concrete barrier and fence system to better withstand the debris and rocks that fall down the slope on SR 724 (Philadelphia Avenue) from Valley Stream Road to Kennel Road in Cumru Township, Berks County.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Construction	STP	\$0	\$0	\$0	\$0	\$1,739	\$0
Federal:		\$0	\$0	\$0	\$0	\$1739	\$0
State:		\$0	\$0	\$0	\$0	\$0	\$0
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
		2023	2024	2025	2026	2027 - 2030	2031 - 2034
Period Totals:		\$0	\$0	\$0	\$0	\$1,739	\$0
Total FFY 2023-2034 Cost		\$1,739					

Draft

Reading MPO TIP - Highway & Bridge Projects

PennDOT Project Id: 110013

Project Administrator: PennDOT

Improvement Type: Replace/Rehab

Municipality: Upper Tulpehocken (TWP)

Estimated Construction Bid Date: 6/22/23

Actual Construction Bid Date:

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

Project Description: This project involves the bridge rehabilitation / replacement of a bundle of 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 a Tributary to Birch Creek, SR 4040 over Mollhead Creek, and SR 4040 over a Tributary to Mollhead Creek, and SR 4040 over Northkill Creek.

Air Quality Description:

Title: SR 4040 (Old Route 22) Bridge Bundle

State Route: 4040

Air Quality Status: Exempt from Regional Conformity Analysis

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

Project Costs(In Thousands)							
Phase	Fund	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Construction	BRIP	\$500	\$350	\$836	\$0	\$0	\$0
Construction	STP	\$2,500	\$2,900	\$0	\$0	\$0	\$0
Construction	185	\$750	\$813	\$209	\$0	\$0	\$0
Federal:		\$3000	\$3250	\$836	\$0	\$0	\$0
State:		\$750	\$813	\$209	\$0	\$0	\$0
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		\$3,750	\$4,063	\$1,045	\$0	\$0	\$0
Total FFY 2023-2034 Cost		\$8,858					

PennDOT Project Id: 110014

Project Administrator: PennDOT

Improvement Type: Bridge Replacement

Municipality: Tulpehocken (TWP)

Estimated Construction Bid Date: 4/1/26

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:

Title: Rehrersburg Road over Trib Mill Creek

State Route: 419

Air Quality Status: Exempt from Regional Conformity Analysis

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

Project Costs(In Thousands)							
Phase	Fund	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Preliminary Engineering	BRIP	\$494	\$0	\$0	\$0	\$0	\$0
Preliminary Engineering	185	\$124	\$0	\$0	\$0	\$0	\$0
Final Design	BRIP	\$0	\$0	\$393	\$0	\$0	\$0
Final Design	581	\$0	\$0	\$98	\$0	\$0	\$0
Utility	BRIP	\$0	\$0	\$9	\$0	\$0	\$0
Utility	581	\$0	\$0	\$2	\$0	\$0	\$0
Right of Way	BRIP	\$0	\$0	\$22	\$0	\$0	\$0
Right of Way	581	\$0	\$0	\$5	\$0	\$0	\$0
Construction	BRIP	\$0	\$0	\$0	\$1,000	\$531	\$0
Construction	581	\$0	\$0	\$0	\$250	\$133	\$0
Federal:		\$494	\$0	\$424	\$1000	\$531	\$0
State:		\$124	\$0	\$105	\$250	\$133	\$0
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		\$618	\$0	\$529	\$1,250	\$664	\$0
Total FFY 2023-2034 Cost		\$3,061					

Draft

Reading MPO TIP - Highway & Bridge Projects

PennDOT Project Id: 110016

Project Administrator: PennDOT
Improvement Type: Bridge Replacement
Municipality: Bethel (TWP)

Title: Lancaster Ave over Swatara Creek
State Route: 501

Air Quality Status: Exempt from Regional Conformity Analysis

Estimated Construction Bid Date:

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

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	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Preliminary Engineering	STU	\$288	\$0	\$0	\$0	\$0	\$0
Preliminary Engineering	185	\$72	\$0	\$0	\$0	\$0	\$0
Federal:		\$288	\$0	\$0	\$0	\$0	\$0
State:		\$72	\$0	\$0	\$0	\$0	\$0
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		\$360	\$0	\$0	\$0	\$0	\$0
Total FFY 2023-2034 Cost		\$360					

PennDOT Project Id: 110017

Project Administrator: PennDOT
Improvement Type: Replace/Rehab
Municipality: Robeson (TWP)

Title: Maple Grove Road (SR 3024) over I-176
State Route: 3024

Air Quality Status: Exempt from Regional Conformity Analysis

Estimated Construction Bid Date: 4/1/28

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

Actual Construction Bid Date:

Location: SR 3024 over I-176, Robeson Township, Berks County

Project Description: This project involves the rehabilitation / 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	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Final Design	BOF	\$330	\$0	\$0	\$0	\$0	\$0
Final Design	185	\$82	\$0	\$0	\$0	\$0	\$0
Utility	BOF	\$0	\$8	\$0	\$0	\$0	\$0
Utility	185	\$0	\$2	\$0	\$0	\$0	\$0
Right of Way	BOF	\$29	\$0	\$0	\$0	\$0	\$0
Right of Way	185	\$7	\$0	\$0	\$0	\$0	\$0
Construction	BOF	\$0	\$0	\$1,000	\$1,121	\$850	\$0
Construction	185	\$0	\$0	\$250	\$280	\$213	\$0
Federal:		\$359	\$8	\$1000	\$1121	\$850	\$0
State:		\$89	\$2	\$250	\$280	\$213	\$0
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		\$448	\$10	\$1,250	\$1,401	\$1,063	\$0
Total FFY 2023-2034 Cost		\$4,172					

Draft

Reading MPO TIP - Highway & Bridge Projects

PennDOT Project Id: 110032

Project Administrator: PennDOT

Improvement Type: Bridge Rehabilitation

Municipality: Albany (TWP)

Estimated Construction Bid Date: 3/31/22

Actual Construction Bid Date: 3/31/22

Location: Various bridges in Berks County

Title: RATS Bridge Preservation #8

State Route: 143

Air Quality Status: Exempt from Regional Conformity Analysis

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

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	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Construction	185	\$225	\$0	\$0	\$0	\$0	\$0
	Federal:	\$0	\$0	\$0	\$0	\$0	\$0
	State:	\$225	\$0	\$0	\$0	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	\$225	\$0	\$0	\$0	\$0	\$0
Total FFY 2023-2034 Cost		\$225					

PennDOT Project Id: 110075

Project Administrator: PennDOT

Improvement Type: Existing Signal Improvement

Municipality: Amity (TWP)

Estimated Construction Bid Date: 4/1/29

Actual Construction Bid Date:

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

Title: SR 422 Ben Franklin Congested Corridor

State Route: 422

Air Quality Status: Significant: Included in regional conformity analysis

Project Description: Upgrade of 13 signalized intersections along Route 422, the Ben Franklin Highway, to be more traffic responsive between Pineland Road and River Bridge Road (SR 2077) in Amity and Exeter Townships, Berks County.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Preliminary Engineering	CAQ	\$0	\$412	\$0	\$0	\$0	\$0
Preliminary Engineering	581	\$0	\$103	\$0	\$0	\$0	\$0
Final Design	CAQ	\$0	\$0	\$140	\$35	\$0	\$0
Final Design	581	\$0	\$0	\$35	\$9	\$0	\$0
Utility	CAQ	\$0	\$0	\$0	\$180	\$0	\$0
Utility	581	\$0	\$0	\$0	\$45	\$0	\$0
Right of Way	CAQ	\$0	\$0	\$87	\$0	\$0	\$0
Right of Way	581	\$0	\$0	\$22	\$0	\$0	\$0
Construction	CAQ	\$0	\$0	\$0	\$301	\$1,500	\$0
Construction	581	\$0	\$0	\$0	\$75	\$375	\$0
	Federal:	\$0	\$412	\$227	\$516	\$1,500	\$0
	State:	\$0	\$103	\$57	\$129	\$375	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	\$0	\$515	\$284	\$645	\$1,875	\$0
Total FFY 2023-2034 Cost		\$3,319					

Draft

Reading MPO TIP - Highway & Bridge Projects

PennDOT Project Id: 110078

Project Administrator: PennDOT

Improvement Type: Replace/Rehab

Municipality: Upper Tulpehocken (TWP)

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

State Route: 4040

Air Quality Status: Exempt from Regional Conformity Analysis

Estimated Construction Bid Date: 6/22/23

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

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	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Utility	STP	\$107	\$0	\$0	\$0	\$0	\$0
Utility	185	\$27	\$0	\$0	\$0	\$0	\$0
Construction	185	\$500	\$1,000	\$509	\$0	\$0	\$0
Federal:		\$107	\$0	\$0	\$0	\$0	\$0
State:		\$527	\$1000	\$509	\$0	\$0	\$0
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		\$634	\$1,000	\$509	\$0	\$0	\$0
Total FFY 2023-2034 Cost		\$2,143					

PennDOT Project Id: 110079

Project Administrator: PennDOT

Improvement Type: Bridge Removal

Municipality: Lenhartsville (BORO)

Title: Penn Street over Maiden Creek

State Route: 7412

Air Quality Status: Exempt from Regional Conformity Analysis

Estimated Construction Bid Date: 4/1/26

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

Actual Construction Bid Date:

Location: Penn Street over Maiden Creek
Lenhartsville Borough
Berks County

Project Description: Bridge removal of municipal owned structure that carries State Route 7412 (Penn Street) over Maiden Creek in Lenhartsville Borough, Berks County.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Preliminary Engineering	BOF	\$0	\$0	\$0	\$100	\$295	\$0
Preliminary Engineering	183	\$0	\$0	\$0	\$19	\$55	\$0
Preliminary Engineering	LOC	\$0	\$0	\$0	\$6	\$18	\$0
Final Design	BOF	\$0	\$0	\$0	\$0	\$50	\$51
Final Design	183	\$0	\$0	\$0	\$0	\$9	\$10
Final Design	LOC	\$0	\$0	\$0	\$0	\$3	\$3
Utility	BOF	\$0	\$0	\$0	\$0	\$0	\$21
Utility	183	\$0	\$0	\$0	\$0	\$0	\$4
Utility	LOC	\$0	\$0	\$0	\$0	\$0	\$1
Right of Way	BOF	\$0	\$0	\$0	\$0	\$24	\$27
Right of Way	183	\$0	\$0	\$0	\$0	\$5	\$5
Right of Way	LOC	\$0	\$0	\$0	\$0	\$2	\$2
Construction	BOF	\$0	\$0	\$0	\$0	\$0	\$1,044
Construction	183	\$0	\$0	\$0	\$0	\$0	\$196
Construction	LOC	\$0	\$0	\$0	\$0	\$0	\$65
Federal:		\$0	\$0	\$0	\$100	\$369	\$1143
State:		\$0	\$0	\$0	\$19	\$69	\$215
Local/Other:		\$0	\$0	\$0	\$6	\$23	\$71
Period Totals:		\$0	\$0	\$0	\$125	\$461	\$1,429
Total FFY 2023-2034 Cost		\$2,015					

Draft

Reading MPO TIP - Highway & Bridge Projects

PennDOT Project Id: 110082

Project Administrator: PennDOT

Improvement Type: Resurface

Municipality: Upper Bern (TWP)

Title: SR 4040 Old Route 22 - Tulpehocken

State Route: 4040

Air Quality Status: Exempt from Regional Conformity Analysis

Estimated Construction Bid Date: 3/31/22

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

Actual Construction Bid Date: 3/31/22

Location: Bethel Twp. Line to SR 4028, St. Michaels Road
Upper Tulpehocken, Upper Bern and Tilden Twps
Berks County

Project Description: This project involves the resurfacing and guide rail upgrades to State Route 4040 (Old Route 22) from the Bethel Township Line to State Route 4028 (St. Michaels Road) in Upper Tulpehocken, Upper Bern and Tilden Townships in Berks County.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Construction	STP	\$10	\$0	\$0	\$0	\$0	\$0
Construction	STU	\$10	\$0	\$0	\$0	\$0	\$0
Federal:		\$20	\$0	\$0	\$0	\$0	\$0
State:		\$0	\$0	\$0	\$0	\$0	\$0
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		2023	2024	2025	2026	2027 - 2030	2031 - 2034
		\$20	\$0	\$0	\$0	\$0	\$0
Total FFY 2023-2034 Cost		\$20					

PennDOT Project Id: 110088

Project Administrator: PennDOT

Improvement Type: Bridge Rehabilitation

Municipality: Cumru (TWP)

Title: High Boulevard Bridge

State Route: 7103

Air Quality Status: Exempt from Regional Conformity Analysis

Estimated Construction Bid Date: 4/1/27

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

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	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Preliminary Engineering	BOF	\$0	\$0	\$100	\$250	\$0	\$0
Preliminary Engineering	183	\$0	\$0	\$19	\$47	\$0	\$0
Preliminary Engineering	LOC	\$0	\$0	\$6	\$16	\$0	\$0
Final Design	BOF	\$0	\$0	\$0	\$0	\$185	\$0
Final Design	183	\$0	\$0	\$0	\$0	\$35	\$0
Final Design	LOC	\$0	\$0	\$0	\$0	\$12	\$0
Utility	BOF	\$0	\$0	\$0	\$0	\$10	\$0
Utility	183	\$0	\$0	\$0	\$0	\$2	\$0
Utility	LOC	\$0	\$0	\$0	\$0	\$1	\$0
Right of Way	BOF	\$0	\$0	\$0	\$0	\$23	\$0
Right of Way	183	\$0	\$0	\$0	\$0	\$4	\$0
Right of Way	LOC	\$0	\$0	\$0	\$0	\$1	\$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:		2023	2024	2025	2026	2027 - 2030	2031 - 2034
		\$0	\$0	\$125	\$313	\$2,273	\$460
Total FFY 2023-2034 Cost		\$3,171					

Draft

Reading MPO TIP - Highway & Bridge Projects

PennDOT Project Id: 110089

Project Administrator: PennDOT

Improvement Type: Bridge Rehabilitation

Municipality: Robeson (TWP)

Title: Rock Hollow Bridge

State Route: 7233

Air Quality Status: Exempt from Regional Conformity Analysis

Estimated Construction Bid Date: 4/1/27

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

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	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Preliminary Engineering	BOF	\$0	\$0	\$100	\$293	\$0	\$0
Preliminary Engineering	183	\$0	\$0	\$19	\$55	\$0	\$0
Preliminary Engineering	LOC	\$0	\$0	\$6	\$18	\$0	\$0
Final Design	BOF	\$0	\$0	\$0	\$0	\$278	\$0
Final Design	183	\$0	\$0	\$0	\$0	\$49	\$0
Final Design	LOC	\$0	\$0	\$0	\$0	\$16	\$0
Utility	BOF	\$0	\$0	\$0	\$0	\$48	\$0
Utility	183	\$0	\$0	\$0	\$0	\$9	\$0
Utility	LOC	\$0	\$0	\$0	\$0	\$3	\$0
Right of Way	BOF	\$0	\$0	\$0	\$0	\$93	\$0
Right of Way	183	\$0	\$0	\$0	\$0	\$16	\$0
Right of Way	LOC	\$0	\$0	\$0	\$0	\$5	\$0
Construction	BOF	\$0	\$0	\$0	\$0	\$1,911	\$0
Construction	183	\$0	\$0	\$0	\$0	\$351	\$0
Construction	LOC	\$0	\$0	\$0	\$0	\$117	\$0
Federal:		\$0	\$0	\$100	\$293	\$2330	\$0
State:		\$0	\$0	\$19	\$55	\$425	\$0
Local/Other:		\$0	\$0	\$6	\$18	\$141	\$0
		2023	2024	2025	2026	2027 - 2030	2031 - 2034
Period Totals:		\$0	\$0	\$125	\$366	\$2,896	\$0
Total FFY 2023-2034 Cost		\$3,387					

PennDOT Project Id: 110189

Project Administrator: PennDOT

Improvement Type: Replace/Rehab

Municipality: Upper Tulpehocken (TWP)

Title: Old Rte 22 Ovr Birch Creek

State Route: 4040

Air Quality Status: Exempt from Regional Conformity Analysis

Estimated Construction Bid Date: 6/22/23

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

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	2023	2024	2025	2026	2027 - 2030	2031 - 2034
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
		2023	2024	2025	2026	2027 - 2030	2031 - 2034
Period Totals:		\$31	\$0	\$0	\$0	\$0	\$0
Total FFY 2023-2034 Cost		\$31					

Draft

Reading MPO TIP - Highway & Bridge Projects

PennDOT Project Id: 110191

Project Administrator: PennDOT

Improvement Type: Replace/Rehab

Municipality: Upper Tulpehocken (TWP)

Title: SR 4040 over Birch Creek

State Route: 4040

Air Quality Status: Exempt from Regional Conformity Analysis

Estimated Construction Bid Date: 6/22/23

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

Actual Construction Bid Date:

Location: SR 4040 over Birch Creek, Upper Tulpehock , 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	2023	2024	2025	2026	2027 - 2030	2031 - 2034
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 2023-2034 Cost		\$31					

PennDOT Project Id: 110192

Project Administrator: PennDOT

Improvement Type: Replace/Rehab

Municipality: Upper Tulpehocken (TWP)

Title: SR 4040 ovr Trib Birch Crk

State Route: 4040

Air Quality Status: Exempt from Regional Conformity Analysis

Estimated Construction Bid Date: 6/22/23

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

Actual Construction Bid Date:

Location: SR 4040 over Trib to Birch 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 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.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2023	2024	2025	2026	2027 - 2030	2031 - 2034
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 2023-2034 Cost		\$31					

Draft

Reading MPO TIP - Highway & Bridge Projects

PennDOT Project Id: 110193

Project Administrator: PennDOT

Improvement Type: Replace/Rehab

Municipality: Upper Tulpehocken (TWP)

Title: SR 4040 over Mollhead Creek

State Route: 4040

Air Quality Status: Exempt from Regional Conformity Analysis

Estimated Construction Bid Date: 6/22/23

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

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	2023	2024	2025	2026	2027 - 2030	2031 - 2034
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 2023-2034 Cost		\$31					

PennDOT Project Id: 110194

Project Administrator: PennDOT

Improvement Type: Replace/Rehab

Municipality: Upper Tulpehocken (TWP)

Title: SR 4040 ovr Trib Mollhead Crk

State Route: 4040

Air Quality Status: Exempt from Regional Conformity Analysis

Estimated Construction Bid Date: 6/22/23

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

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	2023	2024	2025	2026	2027 - 2030	2031 - 2034
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 2023-2034 Cost		\$31					

Draft

Reading MPO TIP - Highway & Bridge Projects

PennDOT Project Id: 110206

Project Administrator: PennDOT

Improvement Type: Intersection Improvement

Municipality: Exeter (TWP)

Estimated Construction Bid Date: 5/26/22

Actual Construction Bid Date:

Location: Intersection of Gibraltar Road and Shelbourne Road
Exeter Township
Berks County

Project Description: This project is a companion project to MPMS #103884 - Gibraltar Road Bridge. The purpose is to improve the intersection adjacent to the bridge in order to reduce or eliminate recurring peak hour congestion. Improvements include the addition of an eastbound to northbound left turn lane and a new traffic signal at the intersection of State Route 2033 (Shelbourne Road) and Gibraltar Road, Berks County.

Air Quality Description:

Title: Gibraltar and Shelbourne Intersection

State Route: 2033

Air Quality Status: Exempt from Regional Conformity Analysis

Air Quality Exempt Reason: R2 - Intersection signalization prjctis at ind. inters.

Project Costs(In Thousands)							
Phase	Fund	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Construction	STP	\$50	\$0	\$0	\$0	\$0	\$0
Construction	581	\$13	\$0	\$0	\$0	\$0	\$0
	Federal:	\$50	\$0	\$0	\$0	\$0	\$0
	State:	\$13	\$0	\$0	\$0	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	\$63	\$0	\$0	\$0	\$0	\$0
Total FFY 2023-2034 Cost		\$63					

PennDOT Project Id: 110318

Project Administrator: PennDOT

Improvement Type: Intersection Improvement

Municipality: Alsace (TWP)

Estimated Construction Bid Date: 4/10/25

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:

Title: SR 12 Alsace Manor Int

State Route: 12

Air Quality Status: Exempt from Regional Conformity Analysis

Air Quality Exempt Reason: R1 - Intersection channelization projects

Project Costs(In Thousands)							
Phase	Fund	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Final Design	CAQ	\$247	\$0	\$0	\$0	\$0	\$0
Final Design	581	\$62	\$0	\$0	\$0	\$0	\$0
Utility	CAQ	\$0	\$339	\$0	\$0	\$0	\$0
Utility	581	\$0	\$85	\$0	\$0	\$0	\$0
Right of Way	CAQ	\$200	\$212	\$0	\$0	\$0	\$0
Right of Way	581	\$50	\$53	\$0	\$0	\$0	\$0
Construction	STU	\$0	\$0	\$500	\$1,685	\$0	\$0
Construction	581	\$0	\$0	\$125	\$421	\$0	\$0
	Federal:	\$447	\$551	\$500	\$1685	\$0	\$0
	State:	\$112	\$138	\$125	\$421	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	\$559	\$689	\$625	\$2,106	\$0	\$0
Total FFY 2023-2034 Cost		\$3,979					

Draft

Reading MPO TIP - Highway & Bridge Projects

PennDOT Project Id: 111811

Project Administrator: PennDOT

Improvement Type: Bridge Replacement

Municipality: Upper Bern (TWP)

Title: SR 4040 Northkill Creek UBT

State Route: 4040

Air Quality Status: Exempt from Regional Conformity Analysis

Estimated Construction Bid Date: 6/22/23

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

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 rehabilitation or 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	2023	2024	2025	2026	2027 - 2030	2031 - 2034
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
		2023	2024	2025	2026	2027 - 2030	2031 - 2034
	Period Totals:	\$31	\$0	\$0	\$0	\$0	\$0
Total FFY 2023-2034 Cost		\$31					

PennDOT Project Id: 113221

Project Administrator: PennDOT

Improvement Type: Resurface

Municipality: Greenwich (TWP)

Title: SR 4028 Resurface Krumsville Rd to Old 22

State Route: 4028

Air Quality Status: Exempt from Regional Conformity Analysis

Estimated Construction Bid Date: 12/16/21

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

Actual Construction Bid Date: 12/16/21

Location: Old Route 22 (SR 4028) from Krumsville Road (SR 737) to the Berks/Lehigh County Line in Greenwich Township.

Project Description: This project involves the resurfacing and guide rail upgrades along State Route 4028 (Old Route 22) from Krumsville Road (SR 737) to the Berks/Lehigh County line in Greenwich Township.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Construction	STP	\$50	\$0	\$0	\$0	\$0	\$0
	Federal:	\$50	\$0	\$0	\$0	\$0	\$0
	State:	\$0	\$0	\$0	\$0	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
		2023	2024	2025	2026	2027 - 2030	2031 - 2034
	Period Totals:	\$50	\$0	\$0	\$0	\$0	\$0
Total FFY 2023-2034 Cost		\$50					

Draft

Reading MPO TIP - Highway & Bridge Projects

PennDOT Project Id: 113821

Project Administrator: PennDOT

Improvement Type: Resurface

Municipality: Lower Alsace (TWP)

Title: Antietam Rd Resurf-SR 562 to Carsonia

State Route: 2025

Air Quality Status: Exempt from Regional Conformity Analysis

Estimated Construction Bid Date:

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

Actual Construction Bid Date:

Location: SR 2025 (Spies Church Rd/Antietam Rd) from SR 562(Boyertown Pike) to Carsonia Avenue , Amity, Exeter, Oley Alsace, and Lower Alsace Townships

Project Description: This project provides for the resurfacing of SR 2025 (Spies Church Road /Antietam Road) from SR 562 (Boyertown Pike) to Carsonia Avenue in Amity, Exeter, Oley, Alsace, and Lower Alsace Townships.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Construction	581	\$0	\$0	\$0	\$0	\$2,898	\$0
	Federal:	\$0	\$0	\$0	\$0	\$0	\$0
	State:	\$0	\$0	\$0	\$0	\$2898	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
		2023	2024	2025	2026	2027 - 2030	2031 - 2034
	Period Totals:	\$0	\$0	\$0	\$0	\$2,898	\$0
Total FFY 2023-2034 Cost		\$2,898					

PennDOT Project Id: 113825

Project Administrator: PennDOT

Improvement Type: Resurface

Municipality: Amity (TWP)

Title: Limekiln Road Resurface SR 562 to US 422 WB

State Route: Ramps
2025

Air Quality Status: Exempt from Regional Conformity Analysis

Estimated Construction Bid Date:

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

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	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Construction	581	\$0	\$0	\$0	\$550	\$2,039	\$0
	Federal:	\$0	\$0	\$0	\$0	\$0	\$0
	State:	\$0	\$0	\$0	\$550	\$2039	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
		2023	2024	2025	2026	2027 - 2030	2031 - 2034
	Period Totals:	\$0	\$0	\$0	\$550	\$2,039	\$0
Total FFY 2023-2034 Cost		\$2,589					

Draft

Reading MPO TIP - Highway & Bridge Projects

PennDOT Project Id: 113835

Project Administrator: PennDOT

Improvement Type: Resurface

Municipality: Reading (CITY)

Title: SR 3032_Warren St Bypass to Schuylkill Ave

State Route: 3032

Air Quality Status: Exempt from Regional Conformity Analysis

Estimated Construction Bid Date:

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

Actual Construction Bid Date:

Location: SR 3032 (Lackawanna Street) from the Warren Street Bypass to SR 183/Schuylkill Avenue in the City of Reading

Project Description: This project provides for the resurfacing of Lackawanna Street (SR 3032) from the Warren Street Bypass to State Route 183 (Schuylkill Avenue) in the City of Reading.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Construction	STU	\$0	\$0	\$0	\$0	\$1,194	\$0
	Federal:	\$0	\$0	\$0	\$0	\$1194	\$0
	State:	\$0	\$0	\$0	\$0	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	\$0	\$0	\$0	\$0	\$1,194	\$0
Total FFY 2023-2034 Cost		\$1,194					

PennDOT Project Id: 113838

Project Administrator: PennDOT

Improvement Type: Resurface

Municipality: Reading (CITY)

Title: Butler Street from the Warren St Bypass to SR 183

State Route: 3034

Air Quality Status: Exempt from Regional Conformity Analysis

Estimated Construction Bid Date:

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

Actual Construction Bid Date:

Location: SR 3034 (Butler Street) from the Warren Street Bypass to State Route 183/Schuylkill Avenue in the City of Reading

Project Description: This project will allow for the resurfacing of Butler Street from the Warren Street Bypass to Route 183/Schuylkill Avenue in the City of Reading

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Construction	STU	\$0	\$0	\$0	\$0	\$1,194	\$0
	Federal:	\$0	\$0	\$0	\$0	\$1194	\$0
	State:	\$0	\$0	\$0	\$0	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	\$0	\$0	\$0	\$0	\$1,194	\$0
Total FFY 2023-2034 Cost		\$1,194					

Draft

Reading MPO TIP - Highway & Bridge Projects

PennDOT Project Id: 113841

Project Administrator: PennDOT

Improvement Type: Resurface

Municipality: Sinking Spring (BORO)

Title: SR 3055 (Mull Avenue/Van Reed Road) Resurface

State Route: 3055

Air Quality Status: Exempt from Regional Conformity Analysis

Estimated Construction Bid Date:

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

Actual Construction Bid Date:

Location: SR 3055 (Mull Avenue/Van Reed Road) from East Penn Avenue to State Hill Road in Sinking Spring Borough and Spring Township

Project Description: This project will resurface Mull Avenue/Van Reed Road from East Penn Avenue to State Hill Road in Sinking Spring Borough and Spring Township.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Construction	STU	\$0	\$0	\$0	\$0	\$0	\$2,088
	Federal:	\$0	\$0	\$0	\$0	\$0	\$2088
	State:	\$0	\$0	\$0	\$0	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	\$0	\$0	\$0	\$0	\$0	\$2,088
Total FFY 2023-2034 Cost		\$2,088					

PennDOT Project Id: 114108

Project Administrator: PennDOT

Improvement Type: Restoration

Municipality: Wyomissing (BORO)

Title: SR 222 Warren Street NB Auxiliary Lane

State Route: 222

Air Quality Status: Exempt from Regional Conformity Analysis

Estimated Construction Bid Date: 4/1/27

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

Actual Construction Bid Date:

Location: Northbound SR 222 from State Hill Road entrance ramp to the exit ramp to Eastbound SR 422
Wyomissing Borough
Berks County

Project Description: This project involves the creation of a northbound auxiliary lane from the entrance ramp of the State Hill Road interchange to the SR 422 eastbound exit ramp. The additional lane will be created through a combination of minor widening, existing shoulder conversion, minor cross slope adjustments and rechannelization of existing lane configuration. Project also includes concrete patching, bituminous overlay (including Paper Mill Rd ramps), preventative maintenance on Crossing Drive overpass.

Air Quality Description: Connectivity between on and off ramps for reduction of weave points at State Hill Road, Crossing Drive, 222 Northbound and EB 422 Exit Ramp. Not tying into mainline flow of traffic. Per 11/30/21 discussion it is more about operational verses capacity improvement and the interchange improvements.

Project Costs(In Thousands)							
Phase	Fund	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Construction	NHPP	\$0	\$0	\$0	\$0	\$6,956	\$0
Construction	581	\$0	\$0	\$0	\$0	\$1,739	\$0
	Federal:	\$0	\$0	\$0	\$0	\$6956	\$0
	State:	\$0	\$0	\$0	\$0	\$1739	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	\$0	\$0	\$0	\$0	\$8,695	\$0
Total FFY 2023-2034 Cost		\$8,695					

Draft

Reading MPO TIP - Highway & Bridge Projects

PennDOT Project Id: 114378

Project Administrator: PennDOT

Improvement Type: Bridge Preservation Activities

Municipality: Ruscombmanor (TWP)

Title: RATS Bridge Preservation #9

State Route: 662

Air Quality Status: Exempt from Regional Conformity Analysis

Estimated Construction Bid Date: 2/16/23

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

Actual Construction Bid Date:

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	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Construction	185	\$100	\$1,000	\$1,278	\$900	\$0	\$0
	Federal:	\$0	\$0	\$0	\$0	\$0	\$0
	State:	\$100	\$1000	\$1278	\$900	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	\$100	\$1,000	\$1,278	\$900	\$0	\$0
Total FFY 2023-2034 Cost		\$3,278					

PennDOT Project Id: 114386

Project Administrator: PennDOT

Improvement Type: Bridge Replacement

Municipality: Tulpehocken (TWP)

Title: Route 419 Culvert Replacement

State Route: 419

Air Quality Status: Exempt from Regional Conformity Analysis

Estimated Construction Bid Date:

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

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	2023	2024	2025	2026	2027 - 2030	2031 - 2034
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 2023-2034 Cost		\$29					

Draft

Reading MPO TIP - Highway & Bridge Projects

PennDOT Project Id: 114391

Project Administrator: PennDOT

Improvement Type: Bridge Preservation Activities

Municipality: Exeter (TWP)

Estimated Construction Bid Date: 2/3/22

Actual Construction Bid Date: 2/3/22

Location: Various Locations - Douglass Township, Berks County

Project Description: This project involves the latex modified concrete overlay of various bridge decks in Berks County.

Air Quality Description:

Title: RATS Bridge Overlay Bundle #2

State Route: 422

Air Quality Status: Exempt from Regional Conformity Analysis

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

Project Costs(In Thousands)							
Phase	Fund	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Construction	185	\$150	\$0	\$0	\$0	\$0	\$0
	Federal:	\$0	\$0	\$0	\$0	\$0	\$0
	State:	\$150	\$0	\$0	\$0	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	\$150	\$0	\$0	\$0	\$0	\$0
Total FFY 2023-2034 Cost		\$150					

PennDOT Project Id: 114392

Project Administrator: PennDOT

Improvement Type: Bridge Replacement

Municipality: Bally (BORO)

Estimated Construction Bid Date: 4/1/27

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:

Title: Berks Box Culvert Bundle #2

State Route: 100

Air Quality Status: Exempt from Regional Conformity Analysis

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

Project Costs(In Thousands)							
Phase	Fund	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Preliminary Engineering	185	\$0	\$0	\$750	\$616	\$0	\$0
Final Design	185	\$0	\$0	\$0	\$250	\$214	\$0
Construction	185	\$0	\$0	\$0	\$0	\$2,087	\$0
	Federal:	\$0	\$0	\$0	\$0	\$0	\$0
	State:	\$0	\$0	\$750	\$866	\$2301	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	\$0	\$0	\$750	\$866	\$2,301	\$0
Total FFY 2023-2034 Cost		\$0	\$0	\$750	\$866	\$2,301	\$0

Draft

Reading MPO TIP - Highway & Bridge Projects

PennDOT Project Id: 114407

Project Administrator: PennDOT

Improvement Type: Safety Improvement

Municipality: Greenwich (TWP)

Title: RATS High Friction Surface 2023

State Route: 737

Air Quality Status: Exempt from Regional Conformity Analysis

Estimated Construction Bid Date: 3/16/23

Air Quality Exempt Reason: S14 - Skid treatments

Actual Construction Bid Date:

Location: Various Locations within Berks County

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

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Construction	HSIP	\$480	\$0	\$400	\$0	\$800	\$0
	Federal:	\$480	\$0	\$400	\$0	\$800	\$0
	State:	\$0	\$0	\$0	\$0	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	2023	2024	2025	2026	2027 - 2030	2031 - 2034
		\$480	\$0	\$400	\$0	\$800	\$0
Total FFY 2023-2034 Cost		\$1,680					

PennDOT Project Id: 114408

Project Administrator: PennDOT

Improvement Type: Bridge Replacement

Municipality: Albany (TWP)

Title: SR 143 Over unnamed trib to Maiden Creek

State Route: 143

Air Quality Status: Exempt from Regional Conformity Analysis

Estimated Construction Bid Date:

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

Actual Construction Bid Date:

Location: PA 143 over unnamed Tributary to Maiden Creek, Albany Township, Berks County

Project Description: This project involves the bridge replacement on PA 143 over unnamed Tributary to Maiden Creek (Kistler Creek is nearby) in Albany Township, Berks County.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Preliminary Engineering	185	\$0	\$0	\$0	\$0	\$0	\$587
	Federal:	\$0	\$0	\$0	\$0	\$0	\$0
	State:	\$0	\$0	\$0	\$0	\$0	\$587
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	2023	2024	2025	2026	2027 - 2030	2031 - 2034
		\$0	\$0	\$0	\$0	\$0	\$587
Total FFY 2023-2034 Cost		\$587					

Draft

Reading MPO TIP - Highway & Bridge Projects

PennDOT Project Id: 114439

Project Administrator: PennDOT

Improvement Type: Reconstruct

Municipality: Cumru (TWP)

Title: West Shore Bypass - Phase 1

State Route: 422

Air Quality Status: Significant: Included in regional conformity analysis

Estimated Construction Bid Date: 7/15/27

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	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Utility	NHPP	\$0	\$0	\$0	\$0	\$5,222	\$0
Utility	581	\$0	\$0	\$0	\$0	\$1,306	\$0
Right of Way	NHPP	\$0	\$0	\$1,500	\$766	\$0	\$0
Right of Way	581	\$0	\$0	\$375	\$192	\$0	\$0
Construction	STP	\$0	\$0	\$0	\$0	\$105,000	\$140,239
Construction	581	\$0	\$0	\$0	\$0	\$28,240	\$33,070
Federal:		\$0	\$0	\$1500	\$766	\$110222	\$140239
State:		\$0	\$0	\$375	\$192	\$29546	\$33070
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		\$0	\$0	\$1,875	\$958	\$139,768	\$173,309
Total FFY 2023-2034 Cost		\$315,910					

PennDOT Project Id: 114459

Project Administrator: PennDOT

Improvement Type: Bridge Rehabilitation

Municipality: Hereford (TWP)

Title: Huffs Church Rd over Br Perkiomen Creek

State Route: 1022

Air Quality Status: Exempt from Regional Conformity Analysis

Estimated Construction Bid Date:

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

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	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Utility	185	\$0	\$0	\$0	\$0	\$14	\$0
Right of Way	185	\$0	\$0	\$0	\$10	\$13	\$0
Federal:		\$0	\$0	\$0	\$0	\$0	\$0
State:		\$0	\$0	\$0	\$10	\$27	\$0
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		\$0	\$0	\$0	\$10	\$27	\$0
Total FFY 2023-2034 Cost		\$37					

Draft

Reading MPO TIP - Highway & Bridge Projects

PennDOT Project Id: 114484

Project Administrator: PennDOT

Improvement Type: Reflective Pavement Markers

Municipality: Douglass (TWP)

Estimated Construction Bid Date: 4/1/23

Actual Construction Bid Date:

Location: Various state routes in various municipalities, in Berks County

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

Air Quality Description:

Title: RATS AWPM - 2023

State Route: 422

Air Quality Status: Exempt from Regional Conformity Analysis

Air Quality Exempt Reason: S11 - Pavement marking demonstration

Project Costs(In Thousands)							
Phase	Fund	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Construction	STP	\$400	\$0	\$0	\$0	\$0	\$0
	Federal:	\$400	\$0	\$0	\$0	\$0	\$0
	State:	\$0	\$0	\$0	\$0	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	\$400	\$0	\$0	\$0	\$0	\$0
Total FFY 2023-2034 Cost		\$400					

PennDOT Project Id: 114485

Project Administrator: PennDOT

Improvement Type: Bridge Preservation Activities

Municipality: Albany (TWP)

Estimated Construction Bid Date: 7/25/24

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:

Title: RATS Bridge Preservation #10

State Route: 737

Air Quality Status: Exempt from Regional Conformity Analysis

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

Project Costs(In Thousands)							
Phase	Fund	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Preliminary Engineering	185	\$0	\$0	\$328	\$0	\$0	\$0
Construction	185	\$0	\$0	\$0	\$1,500	\$2,439	\$0
	Federal:	\$0	\$0	\$0	\$0	\$0	\$0
	State:	\$0	\$0	\$328	\$1500	\$2439	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	\$0	\$0	\$328	\$1,500	\$2,439	\$0
Total FFY 2023-2034 Cost		\$4,267					

Draft

Reading MPO TIP - Highway & Bridge Projects

PennDOT Project Id: 114489

Project Administrator: PennDOT

Improvement Type: Bridge Rehabilitation

Municipality: Centre (TWP)

Title: RATS Bridge Preservation #11

State Route: 4020

Air Quality Status: Exempt from Regional Conformity Analysis

Estimated Construction Bid Date:

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

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	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Preliminary Engineering	185	\$0	\$0	\$0	\$0	\$418	\$0
Construction	185	\$0	\$0	\$0	\$0	\$5,971	\$0
Federal:		\$0	\$0	\$0	\$0	\$0	\$0
State:		\$0	\$0	\$0	\$0	\$6389	\$0
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		2023	2024	2025	2026	2027 - 2030	2031 - 2034
		\$0	\$0	\$0	\$0	\$6,389	\$0
Total FFY 2023-2034 Cost		\$6,389					

PennDOT Project Id: 115991

Project Administrator: PennDOT

Improvement Type: Bridge Replacement

Municipality: Longswamp (TWP)

Title: Centennial Road Dual Pipe Replacement

State Route: 1025

Air Quality Status: Exempt from Regional Conformity Analysis

Estimated Construction Bid Date:

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

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	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Utility	185	\$0	\$0	\$0	\$0	\$9	\$0
Right of Way	185	\$0	\$0	\$0	\$8	\$9	\$0
Federal:		\$0	\$0	\$0	\$0	\$0	\$0
State:		\$0	\$0	\$0	\$8	\$18	\$0
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		2023	2024	2025	2026	2027 - 2030	2031 - 2034
		\$0	\$0	\$0	\$8	\$18	\$0
Total FFY 2023-2034 Cost		\$26					

Draft

Reading MPO TIP - Highway & Bridge Projects

PennDOT Project Id: 116478

Project Administrator: PennDOT

Improvement Type: Bridge Replacement

Municipality: Rockland (TWP)

Estimated Construction Bid Date: 2/29/24

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.

Air Quality Description:

Title: Smoketown Road over Little Sacony Creek

State Route: 1029

Air Quality Status: Exempt from Regional Conformity Analysis

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

Project Costs(In Thousands)							
Phase	Fund	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Final Design	BOF	\$0	\$424	\$0	\$0	\$0	\$0
Final Design	185	\$0	\$106	\$0	\$0	\$0	\$0
Utility	BOF	\$0	\$0	\$26	\$0	\$0	\$0
Utility	185	\$0	\$0	\$7	\$0	\$0	\$0
Right of Way	BOF	\$0	\$68	\$0	\$0	\$0	\$0
Right of Way	185	\$0	\$17	\$0	\$0	\$0	\$0
Construction	BOF	\$0	\$400	\$900	\$448	\$0	\$0
Construction	185	\$0	\$100	\$225	\$112	\$0	\$0
Federal:		\$0	\$892	\$926	\$448	\$0	\$0
State:		\$0	\$223	\$232	\$112	\$0	\$0
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		\$0	\$1,115	\$1,158	\$560	\$0	\$0
Total FFY 2023-2034 Cost		\$2,833					

PennDOT Project Id: 116752

Project Administrator: PennDOT

Improvement Type: Corridor Safety Improvement

Municipality: Wyomissing (BORO)

Estimated Construction Bid Date: 1/12/23

Actual Construction Bid Date:

Location: US 222 Ramps at US 422 Interchange
Wyomissing Borough
Berks County

US 222 northbound ramp at Bus. US 222
Ontelaunee Township
Berks County

Project Description: This project involves the installation of Dynamic Curve Warning Signs at various locations within Berks County to reduce crashes and improve safety.

Air Quality Description:

Title: Dynamic Curve Warning Signs - RATS

State Route: 222

Air Quality Status: Exempt from Regional Conformity Analysis

Air Quality Exempt Reason: S6 - Safety improvement program

Project Costs(In Thousands)							
Phase	Fund	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Construction	STP	\$0	\$142	\$0	\$0	\$0	\$0
Federal:		\$0	\$142	\$0	\$0	\$0	\$0
State:		\$0	\$0	\$0	\$0	\$0	\$0
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		\$0	\$142	\$0	\$0	\$0	\$0
Total FFY 2023-2034 Cost		\$142					

Draft

Reading MPO TIP - Highway & Bridge Projects

PennDOT Project Id: 116907

Project Administrator: PennDOT

Improvement Type: Miscellaneous

Municipality:

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:

Title: Geotech In-House Assistance

State Route: 0

Air Quality Status: Exempt from Regional Conformity Analysis

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

Project Costs(In Thousands)							
Phase	Fund	2023	2024	2025	2026	2027 - 2030	2031 - 2034
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 2023-2034 Cost		\$600					

PennDOT Project Id: 117603

Project Administrator: PennDOT

Improvement Type: Corridor Safety Improvement

Municipality: Wyomissing (BORO)

Estimated Construction Bid Date:

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.

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

State Route: 3023

Air Quality Status: Significant: Included in regional conformity analysis

Project Costs(In Thousands)							
Phase	Fund	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Preliminary Engineering	HSIP	\$0	\$0	\$0	\$0	\$730	\$0
Preliminary Engineering	581	\$0	\$0	\$0	\$0	\$81	\$0
Final Design	HSIP	\$0	\$0	\$0	\$0	\$1,397	\$0
Final Design	581	\$0	\$0	\$0	\$0	\$155	\$0
Utility	HSIP	\$0	\$0	\$0	\$0	\$99	\$454
Utility	581	\$0	\$0	\$0	\$0	\$11	\$50
Right of Way	HSIP	\$0	\$0	\$0	\$0	\$104	\$0
Right of Way	581	\$0	\$0	\$0	\$0	\$12	\$0
Construction	HSIP	\$0	\$0	\$0	\$0	\$2,500	\$7,683
Construction	581	\$0	\$0	\$0	\$0	\$278	\$854
	Federal:	\$0	\$0	\$0	\$0	\$4830	\$8137
	State:	\$0	\$0	\$0	\$0	\$537	\$904
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	\$0	\$0	\$0	\$0	\$5,367	\$9,041
Total FFY 2023-2034 Cost		\$14,408					

Draft

Reading MPO TIP - Highway & Bridge Projects

PennDOT Project Id: 117620

Project Administrator: PennDOT

Improvement Type: Corridor Safety Improvement

Municipality: Wyomissing (BORO)

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

State Route: 3023

Air Quality Status: Significant: Included in regional conformity analysis

Estimated Construction Bid Date:

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	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Preliminary Engineering	CAQ	\$567	\$0	\$0	\$0	\$0	\$0
Final Design	CAQ	\$0	\$0	\$437	\$0	\$0	\$0
Utility	CAQ	\$0	\$0	\$0	\$0	\$232	\$0
Right of Way	CAQ	\$0	\$0	\$500	\$900	\$239	\$0
Construction	CAQ	\$0	\$0	\$0	\$0	\$4,058	\$0
Federal:		\$567	\$0	\$937	\$900	\$4,529	\$0
State:		\$0	\$0	\$0	\$0	\$0	\$0
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		\$567	\$0	\$937	\$900	\$4,529	\$0
Total FFY 2023-2034 Cost		\$6,933					

PennDOT Project Id: 117622

Project Administrator: PennDOT

Improvement Type: Reflective Pavement Markers

Municipality: Richmond (TWP)

Title: RATS AWPM - 2025

State Route: 222

Air Quality Status: Exempt from Regional Conformity Analysis

Estimated Construction Bid Date:

Air Quality Exempt Reason: S11 - Pavement marking demonstration

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	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Construction	STP	\$0	\$0	\$400	\$0	\$800	\$0
Federal:		\$0	\$0	\$400	\$0	\$800	\$0
State:		\$0	\$0	\$0	\$0	\$0	\$0
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		\$0	\$0	\$400	\$0	\$800	\$0
Total FFY 2023-2034 Cost		\$1,200					

Draft

Reading MPO TIP - Highway & Bridge Projects

PennDOT Project Id: 117637

Project Administrator: PennDOT

Improvement Type: Bridge Preservation Activities

Municipality: Penn (TWP)

Title: RATS Bridge Overlay Bundle #3

State Route: 183

Air Quality Status: Exempt from Regional Conformity Analysis

Estimated Construction Bid Date:

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

Actual Construction Bid Date:

Location: Various locations within Berks County

Project Description: This project involves the latex modified concrete overlay of various bridges in Berks County.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Preliminary Engineering	BRIP	\$247	\$0	\$0	\$0	\$0	\$0
Preliminary Engineering	185	\$62	\$0	\$0	\$0	\$0	\$0
Construction	BRIP	\$0	\$1,697	\$0	\$0	\$0	\$0
Construction	185	\$0	\$424	\$0	\$0	\$0	\$0
Federal:		\$247	\$1697	\$0	\$0	\$0	\$0
State:		\$62	\$424	\$0	\$0	\$0	\$0
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		\$309	\$2,121	\$0	\$0	\$0	\$0
Total FFY 2023-2034 Cost		\$2,430					

PennDOT Project Id: 117668

Project Administrator: PennDOT

Improvement Type: Guiderail Improvement

Municipality: Ruscombmanor (TWP)

Title: BPN-4 Guide Rail Upgrade Line Item

State Route: 73

Air Quality Status: Exempt from Regional Conformity Analysis

Estimated Construction Bid Date:

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

Actual Construction Bid Date:

Location: Various Locations
Berks County

Project Description: This project involves BPN-4 guide rail upgrades at various locations throughout Berks County.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2023	2024	2025	2026	2027 - 2030	2031 - 2034
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 2023-2034 Cost		\$600					

Draft

Reading MPO TIP - Highway & Bridge Projects

PennDOT Project Id: 117719

Project Administrator: PennDOT

Improvement Type: Corridor Safety Improvement

Municipality: Bernville (BORO)

Title: Bernville Rd Study - New Schaefferstown Rd North

State Route: 183

Air Quality Status: Exempt from Regional Conformity Analysis

Estimated Construction Bid Date:

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

Actual Construction Bid Date:

Location: Bernville Road (SR 183) from New Schaefferstown Road (SR 4016) north to I-78 in Jefferson Township and Upper Tulpehocken Townships, Berks County.

Project Description: This project involves a corridor study to determine access control and safety improvements to Bernville Road (State Route 183) from New Schaefferstown Road (State Route 4016) north to I-78 in Jefferson Township and Upper Tulpehocken Townships, Berks County.

Air Quality Description: This portion of the 183 corridor is very narrow with virtually no shoulders, poor vertical and horizontal alignment at spots, under sized bridges and an area with bank subsidence into the Little Northkill Creek about a half mile north of the new traffic light at New Schaefferstown Road (SR 4016). Based on side street volumes we may want to consider turn lanes at certain intersections but not a continuous third lane or median barrier along the entire distance at this time.

Project Costs(In Thousands)							
Phase	Fund	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Study	581	\$155	\$0	\$0	\$0	\$0	\$0
Federal:		\$0	\$0	\$0	\$0	\$0	\$0
State:		\$155	\$0	\$0	\$0	\$0	\$0
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		\$155	\$0	\$0	\$0	\$0	\$0
Total FFY 2023-2034 Cost		\$155					

PennDOT Project Id: 117721

Project Administrator: PennDOT

Improvement Type: Restoration

Municipality: Bern (TWP)

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

State Route: 183

Air Quality Status: Significant: Included in regional conformity analysis

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.

Air Quality Description: Adding capacity

Project Costs(In Thousands)							
Phase	Fund	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Preliminary Engineering	STP	\$0	\$0	\$0	\$0	\$417	\$0
Preliminary Engineering	581	\$0	\$0	\$0	\$0	\$104	\$0
Final Design	STP	\$0	\$0	\$0	\$0	\$492	\$0
Final Design	581	\$0	\$0	\$0	\$0	\$123	\$0
Utility	STP	\$0	\$0	\$0	\$0	\$492	\$0
Utility	581	\$0	\$0	\$0	\$0	\$123	\$0
Right of Way	STP	\$0	\$0	\$0	\$0	\$1,968	\$0
Right of Way	581	\$0	\$0	\$0	\$0	\$492	\$0
Construction	STP	\$0	\$0	\$0	\$0	\$1,500	\$2,047
Construction	581	\$0	\$0	\$0	\$0	\$375	\$512
Federal:		\$0	\$0	\$0	\$0	\$4869	\$2047
State:		\$0	\$0	\$0	\$0	\$1217	\$512
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		\$0	\$0	\$0	\$0	\$6,086	\$2,559
Total FFY 2023-2034 Cost		\$8,645					

Draft

Reading MPO TIP - Highway & Bridge Projects

PennDOT Project Id: 117723

Project Administrator: PennDOT

Improvement Type: Slides Correction

Municipality: Greenwich (TWP)

Title: SR 737 (Krumsville Road) Slope Repair

State Route: 737

Air Quality Status: Exempt from Regional Conformity Analysis

Estimated Construction Bid Date:

Air Quality Exempt Reason: S2 - Hazard elimination program

Actual Construction Bid Date:

Location: Greenwich Township, Berks County

Project Description: This project involves the repair of slope failures along Krumsville Road (State Route 737) between Kutztown Borough and I-78 in Greenwich Township, Berks County.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Study	581	\$103	\$0	\$0	\$0	\$0	\$0
	Federal:	\$0	\$0	\$0	\$0	\$0	\$0
	State:	\$103	\$0	\$0	\$0	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	\$103	\$0	\$0	\$0	\$0	\$0
Total FFY 2023-2034 Cost		\$103					

PennDOT Project Id: 117724

Project Administrator: PennDOT

Improvement Type: Bridge Rehabilitation

Municipality: Maxatawny (TWP)

Title: Long Lane (SR 1024) over Mill Creek

State Route: 1024

Air Quality Status: Exempt from Regional Conformity Analysis

Estimated Construction Bid Date:

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

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	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Preliminary Engineering	BOF	\$0	\$382	\$0	\$0	\$0	\$0
Preliminary Engineering	581	\$0	\$95	\$0	\$0	\$0	\$0
Final Design	BRIP	\$0	\$0	\$0	\$315	\$0	\$0
Final Design	581	\$0	\$0	\$0	\$79	\$0	\$0
Utility	BRIP	\$0	\$0	\$0	\$0	\$19	\$0
Utility	581	\$0	\$0	\$0	\$0	\$5	\$0
Right of Way	BRIP	\$0	\$0	\$0	\$44	\$0	\$0
Right of Way	581	\$0	\$0	\$0	\$11	\$0	\$0
Construction	BRIP	\$0	\$0	\$0	\$0	\$1,159	\$0
Construction	581	\$0	\$0	\$0	\$0	\$290	\$0
	Federal:	\$0	\$382	\$0	\$359	\$1178	\$0
	State:	\$0	\$95	\$0	\$90	\$295	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	\$0	\$477	\$0	\$449	\$1,473	\$0
Total FFY 2023-2034 Cost		\$2,399					

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Reading MPO TIP - Highway & Bridge Projects

PennDOT Project Id: 117725

Project Administrator: PennDOT
Improvement Type: Bridge Replacement
Municipality: Bethel (TWP)

Title: SR 4005 over Meck Creek
State Route: 4005

Air Quality Status: Exempt from Regional Conformity Analysis

Estimated Construction Bid Date:

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

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	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Preliminary Engineering	BOF	\$0	\$170	\$0	\$0	\$0	\$0
Preliminary Engineering	185	\$0	\$42	\$0	\$0	\$0	\$0
Final Design	BOF	\$0	\$0	\$0	\$135	\$0	\$0
Final Design	185	\$0	\$0	\$0	\$34	\$0	\$0
Right of Way	BOF	\$0	\$0	\$0	\$18	\$0	\$0
Right of Way	185	\$0	\$0	\$0	\$5	\$0	\$0
Construction	BOF	\$0	\$0	\$0	\$0	\$556	\$0
Construction	185	\$0	\$0	\$0	\$0	\$139	\$0
Federal:		\$0	\$170	\$0	\$153	\$556	\$0
State:		\$0	\$42	\$0	\$39	\$139	\$0
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		\$0	\$212	\$0	\$192	\$695	\$0
Total FFY 2023-2034 Cost		\$1,099					

PennDOT Project Id: 117726

Project Administrator: PennDOT
Improvement Type: Bridge Replacement
Municipality: Greenwich (TWP)

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

Air Quality Status: Exempt from Regional Conformity Analysis

Estimated Construction Bid Date:

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

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:

Draft

Reading MPO TIP - Highway & Bridge Projects

Project Costs(In Thousands)							
Phase	Fund	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Preliminary Engineering	STP	\$0	\$300	\$209	\$0	\$0	\$0
Preliminary Engineering	185	\$0	\$75	\$52	\$0	\$0	\$0
Final Design	STP	\$0	\$0	\$0	\$0	\$278	\$0
Final Design	185	\$0	\$0	\$0	\$0	\$60	\$0
Utility	STP	\$0	\$0	\$0	\$0	\$10	\$0
Utility	185	\$0	\$0	\$0	\$0	\$2	\$0
Right of Way	STP	\$0	\$0	\$0	\$0	\$19	\$0
Right of Way	185	\$0	\$0	\$0	\$0	\$5	\$0
Construction	STP	\$0	\$0	\$0	\$0	\$1,722	\$0
Construction	185	\$0	\$0	\$0	\$0	\$430	\$0
Federal:		\$0	\$300	\$209	\$0	\$2029	\$0
State:		\$0	\$75	\$52	\$0	\$497	\$0
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		\$0	\$375	\$261	\$0	\$2,526	\$0
Total FFY 2023-2034 Cost		\$3,162					

PennDOT Project Id: 117973

Project Administrator: PennDOT

Title: Walnuttown Road Crossing

Improvement Type: RR Warning Devices

State Route: 1011

Municipality: Richmond (TWP)

Air Quality Status: Exempt from Regional Conformity Analysis

Estimated Construction Bid Date:

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

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	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Construction	RRX	\$0	\$0	\$0	\$214	\$240	\$0
Federal:		\$0	\$0	\$0	\$214	\$240	\$0
State:		\$0	\$0	\$0	\$0	\$0	\$0
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		\$0	\$0	\$0	\$214	\$240	\$0
Total FFY 2023-2034 Cost		\$454					

Draft

Reading MPO TIP - Highway & Bridge Projects

PennDOT Project Id: 117975

Project Administrator: PennDOT

Improvement Type: RR Warning Devices

Municipality: Douglass (TWP)

Title: Manatawny Drive Crossing

State Route: 2036

Air Quality Status: Exempt from Regional Conformity Analysis

Estimated Construction Bid Date:

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

Actual Construction Bid Date:

Location: SR 2036 (Manatawny Drive)
Douglass Township,
Berks County

Project Description: Improve safety at crossing by upgrading from passive signing only to activated warning devices for the at-grade crossing (DOT 589 507A) SR 2036 (Manatawny Drive) operated by the Colebrookdale Railroad in Douglass Township, Berks County.

Air Quality Description:

Project Costs(In Thousands)							
Phase	Fund	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Construction	RRX	\$0	\$0	\$0	\$380	\$0	\$0
	Federal:	\$0	\$0	\$0	\$380	\$0	\$0
	State:	\$0	\$0	\$0	\$0	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	\$0	\$0	\$0	\$380	\$0	\$0
Total FFY 2023-2034 Cost		\$380					

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Reading MPO TIP - Highway & Bridge Projects

Fund Category Appendix

Fund Category Code	Fund Category Description	Fund Category Code	Fund Category Description
ACT13	Local at risk bridges - Marcellus Legacy Fund	RFAP	Rail Freight Assistance Program
ACT3	Act 3 Public Transportation Grant	RRX	Highway Safety
ACT4A	Act 4A Supplemental Operating Grant	SBY	Scenic Byways
ACT83	Transit Bond	SECT9	FTA Federal Formula - Section 9
ADMUO	Administration Use Only - Do Not Use	SIB	State Infrastructure Bank
AIP	FAA Airport Improvement Program	SPOPR	Supplemental Operating Assistance
APD	Appalachia Development	SPR	State Planning/Research
APL	Appalachia Local Access	SRTSF	Federal Safe Routes to Schools
BDP	Bridge Discretionary Program	SR2S	State Safe Route to School
BGENT	FAA Block Grant Entitlement	SSE	Supportive Services Enterprise
BND	Bridge Bonding	STE	Surface Transportation Enhancement
BOF	Bridge Off System	STN	STP - Nonurbanized
BRIP	Bridge Investment Program	STP	Surface Transportation Prog-Flexible
BUILD	BUILD Discretionary Grants	STR	Surface Transportation Rural
CAQ	Congestion Mitigation/Air Quality	STU	Surface Transportation Urban
CB	Capital Budget Nonhighway	SXF	Special Federal Funds (Demo)
COVID	COVID Relief	TAP	Transportation Alternatives (TAP) Flexible
CRP	Carbon Reduction Program	TAU	Tap > 200,000 Population
CRPU	Carbon Reduction Program Urban	TCS	Transpo & Community System Pres.
DAR	Defense Access Roads	TIGER	Trans Investment Generating Economic Recovery
DBE	Disadvantages Business Enterprise	TIGGR	Transit Investment for Greenhouse Gas and Energy R
D4R	Discretionary Interstate Maintenance	TPK	Turnpike
EB	Equity Bonus	TTE	Transit Transportation Enhancements
ECONR	Economic Recovery	073	Green Light-Go
EV	EV Charging	137	Municipal Bridge Improvements and Bundling
FAABG	FAA Block Grant	138	Rural Commercial Routes
FAAD	FAA Discretionary	140	Intelligent Transportation System
FAI	Interstate Construction	144	302-87-3 Transportation Assistance
FB	Ferry Boat/Ferry Terminal Facilities	160	Community Transport.-Equip Grant
FFL	Federal Flood	163	Community Transport.- Equip Grant
FHA	Public Lands Highways	164	PTAF
FLAP	Federal Lands Access Program	175	FTA- Capital Improvements
FLH	Forest Highways	179	Local Bridge Construction (Act 26 Counties)
FRA	Federal Railroad Administration	183	Local Bridge Construction
FRB	Ferry Boat	184	Restoration - Hwy Transfer
FTAD	FTA Discretionary Funds	185	State Bridge Construction
GEN	PA General Fund	208	FTA- Discretionary Capital
HCB	Historic Covered Bridge	244	ARLE Projects
HPR	Highway Planning/Research	278	Safety Admin
HRRR	High Risk Rural Roads	338	PT - 1513 Mass Transit Operating
HSIP	Highway Safety Improvement Program	339	PT - 1514 Asst Imprvmt / Capitl Budg
H4L	Highway for Life - 10% Limiting Amount	340	PT - 1517 Capital Improvement
INFRA	INFRA Discretionary Award	341	PT - 1516 Progrms of Statewide Signif
ITS	Intelligent Transportation System	342	Transit Administration and Oversight
IVB	Innovative Bridge	361	FTA- Capital Improvements
LOC	Local Government Funds	383	DGS Delegated Facilities projects
LRFA	Local Rail Freight Assistance	403	Act 89 - Aviation Grants
MBP3	Major Bridge P3 Initiative	404	Act 89 - Rail Freight Grants
MSFF	Marcellus Shale Fee Fund	405	Act 89 - Passenger Rail Grants
NFP	National HWY Freight Program	406	Act 89 - Port and Waterways Grants
NHPP	National Highway Performance Program	407	Act 89 - Bicycle & Pedestrian Facilities Grants
OTH	Other Local Government Agencies	408	Act 89 - Multimodal Admin and Oversight
OTH-F	Other Federal Govt Agencies	409	ACT 89 - Roadway Maintenance
OTH-S	Other Pa State Government Agencies	411	Act 89 - Statewide Program Grants - Non HWY
PIB	State Infrastructure Bank - 100% state	471	COVID Highway & Safety Capital Projects
PL	Planning	5208	ITS
PRIV	Private Party	5303	FTA Metropolitan Planning Program
PRTCT	Promoting Resilient Operations for Transformative	5305	FTA- Helping Obtain Prosperity for Everyone(HOPE)
PTAF	Act 26 PA Transportation Assist Fund	5307	FTA Urban Area Formula Grants
RAISE	Rebuild American Infra. Sustainability Equity	5308	FTA Clean Fuels Formula Grants
REC	Recreational Trails	5309	FTA New Starts Capital Program
RES	Funds Restoration	5310	FTA Elderly & Handicapped Program

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)

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Interstate TIP - Highway & Bridge Projects

Berks

PennDOT Project Id: 72807

Project Administrator: PennDOT

Title: I-78 Shrtlesville to Hamb - Resurface

Improvement Type: Resurface

State Route: 78

Municipality: Upper Bern (TWP)

Air Quality Status: Exempt from Regional Conformity Analysis

Estimated Construction Bid Date: 1/25/24

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

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).

Project Costs(In Thousands)							
Phase	Fund	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Construction	NHPP	\$0	\$9,000	\$9,201	\$0	\$0	\$0
	Federal:	\$0	\$9000	\$9201	\$0	\$0	\$0
	State:	\$0	\$0	\$0	\$0	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
		2023	2024	2025	2026	2027 - 2030	2031 - 2034
	Period Totals:	\$0	\$9,000	\$9,201	\$0	\$0	\$0
Total FFY 2023-2034 Cost		\$18,201					

PennDOT Project Id: 85903

Project Administrator: PennDOT

Title: I-78 Midway to Shartlesville Resurface

Improvement Type: Restoration

State Route: 78

Municipality: Bethel (TWP)

Air Quality Status: Exempt from Regional Conformity Analysis

Estimated Construction Bid Date: 2/16/23

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

Actual Construction Bid Date:

Location: Midway Interchange to Shartlesville
Bethel Township
Berks County

Project Description: This project involves the milling and resurfacing of EB & WB mainline and shoulders of (I-78) with stone matrix asphalt mixture design, bituminous milling, concrete patching, Type7 shoulders, all-weather pavement markers, line painting, MASH standard glare screen, and bridge preservation activities, along with other miscellaneous construction items from Midway Exit 16 to Shartlesville Exit 23.

The project is located in Berks County; Bethel Township for a construction distance of 12.22 miles.

Project Costs(In Thousands)							
Phase	Fund	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Construction	NHPP	\$10,100	\$6,000	\$0	\$0	\$0	\$0
	Federal:	\$10100	\$6000	\$0	\$0	\$0	\$0
	State:	\$0	\$0	\$0	\$0	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
		2023	2024	2025	2026	2027 - 2030	2031 - 2034
	Period Totals:	\$10,100	\$6,000	\$0	\$0	\$0	\$0
Total FFY 2023-2034 Cost		\$16,100					

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Interstate TIP - Highway & Bridge Projects

PennDOT Project Id: 97274

Project Administrator: PennDOT

Improvement Type: Bridge Rehabilitation

Municipality: Greenwich (TWP)

Title: Lenhartsville Bridge

State Route: 78

Air Quality Status: Exempt from Regional Conformity Analysis

Estimated Construction Bid Date: 11/3/22

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

Actual Construction Bid Date:

Location: I-78 Bridge over PA 143 and Maiden Creek
Lenhartsville, Greenwich Township
Berks County.

Project Description: Widening and rehabilitation of the structure carrying I-78 over PA 143 and Maiden Creek in Lenhartsville, Greenwich Township, Berks County.

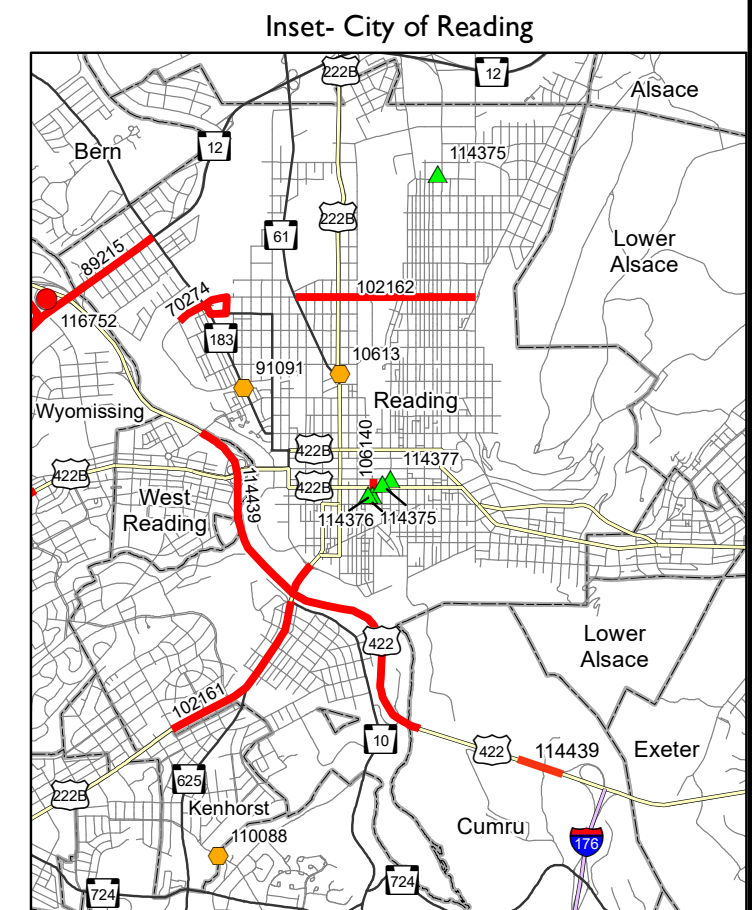
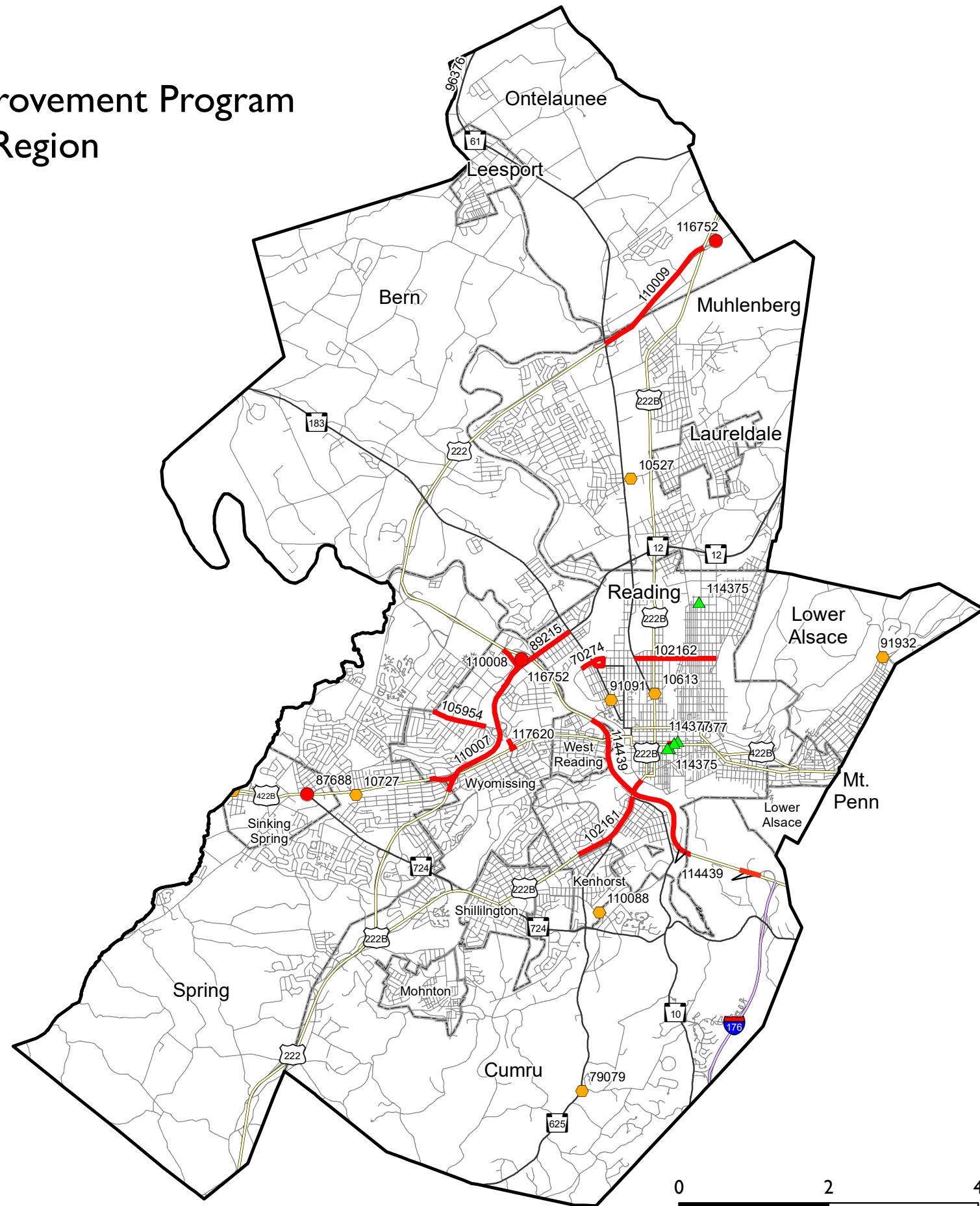
Project Costs(In Thousands)							
Phase	Fund	2023	2024	2025	2026	2027 - 2030	2031 - 2034
Construction	MBP3	\$20,000	\$21,500	\$0	\$0	\$0	\$0
	Federal:	\$0	\$0	\$0	\$0	\$0	\$0
	State:	\$20000	\$21500	\$0	\$0	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	\$20,000	\$21,500	\$0	\$0	\$0	\$0
Total FFY 2023-2034 Cost		\$41,500					



Transportation Improvement Program Metro Region

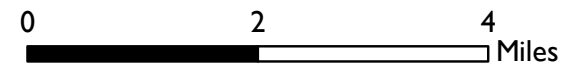
Project Type

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



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

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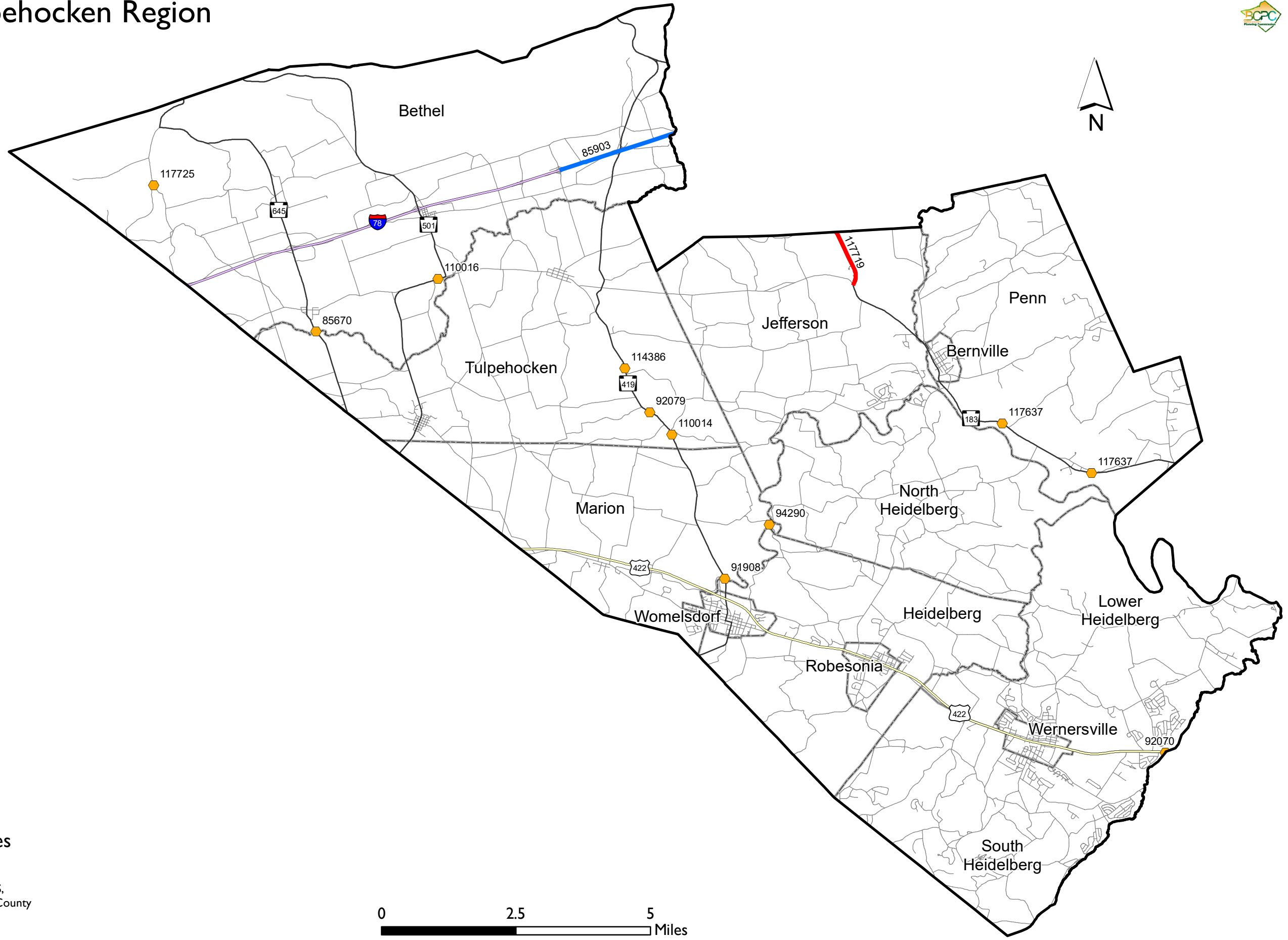


Transportation Improvement Program Tulpehocken Region

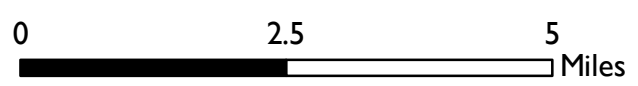


Project Type

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

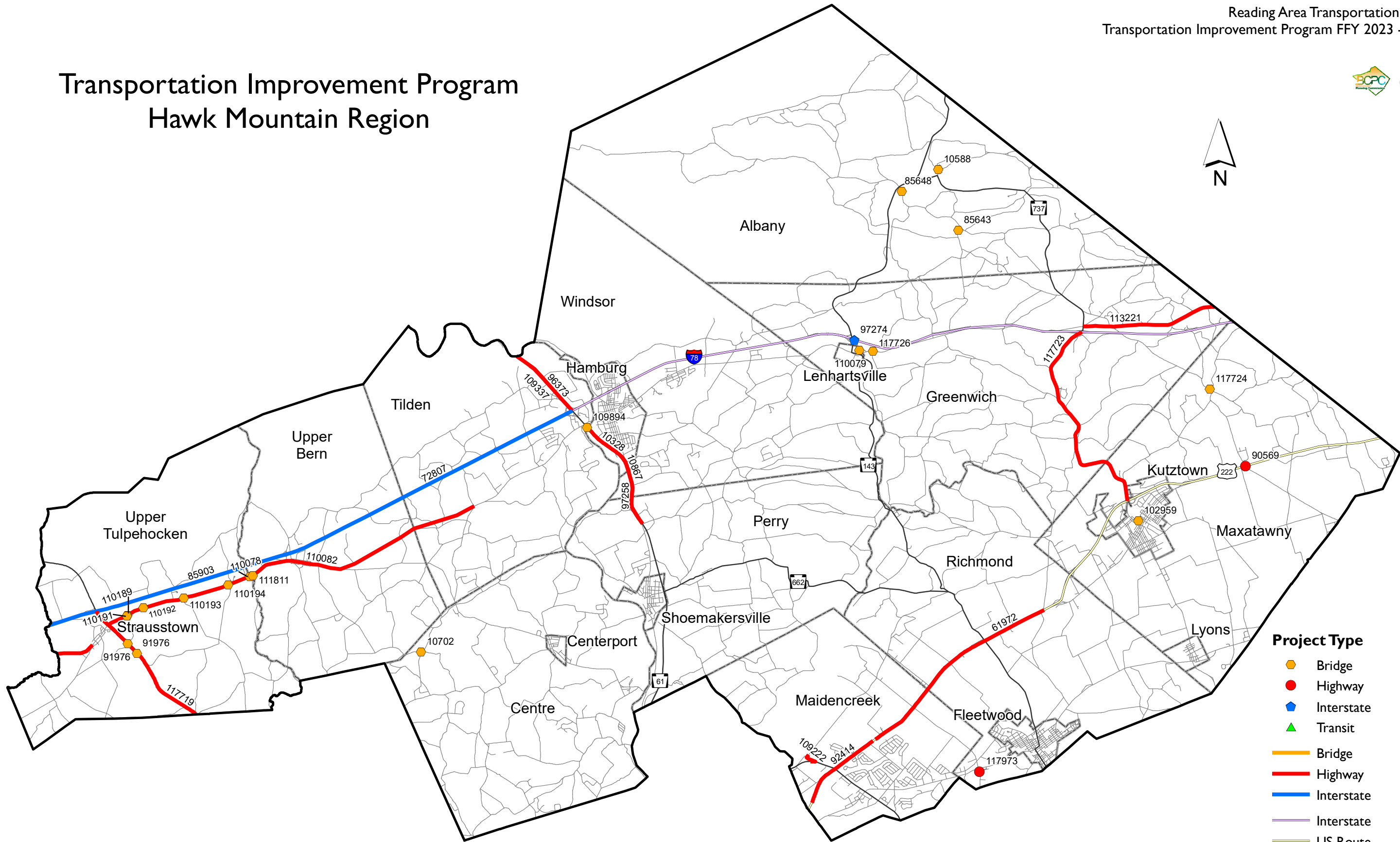


Source: Berks County Planning Commission GIS, Berks County Mapping, Berks County GIS, Berks County DES, PennDOT





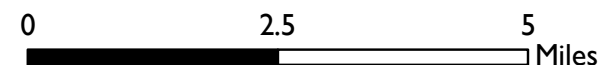
Transportation Improvement Program Hawk Mountain Region



Project Type

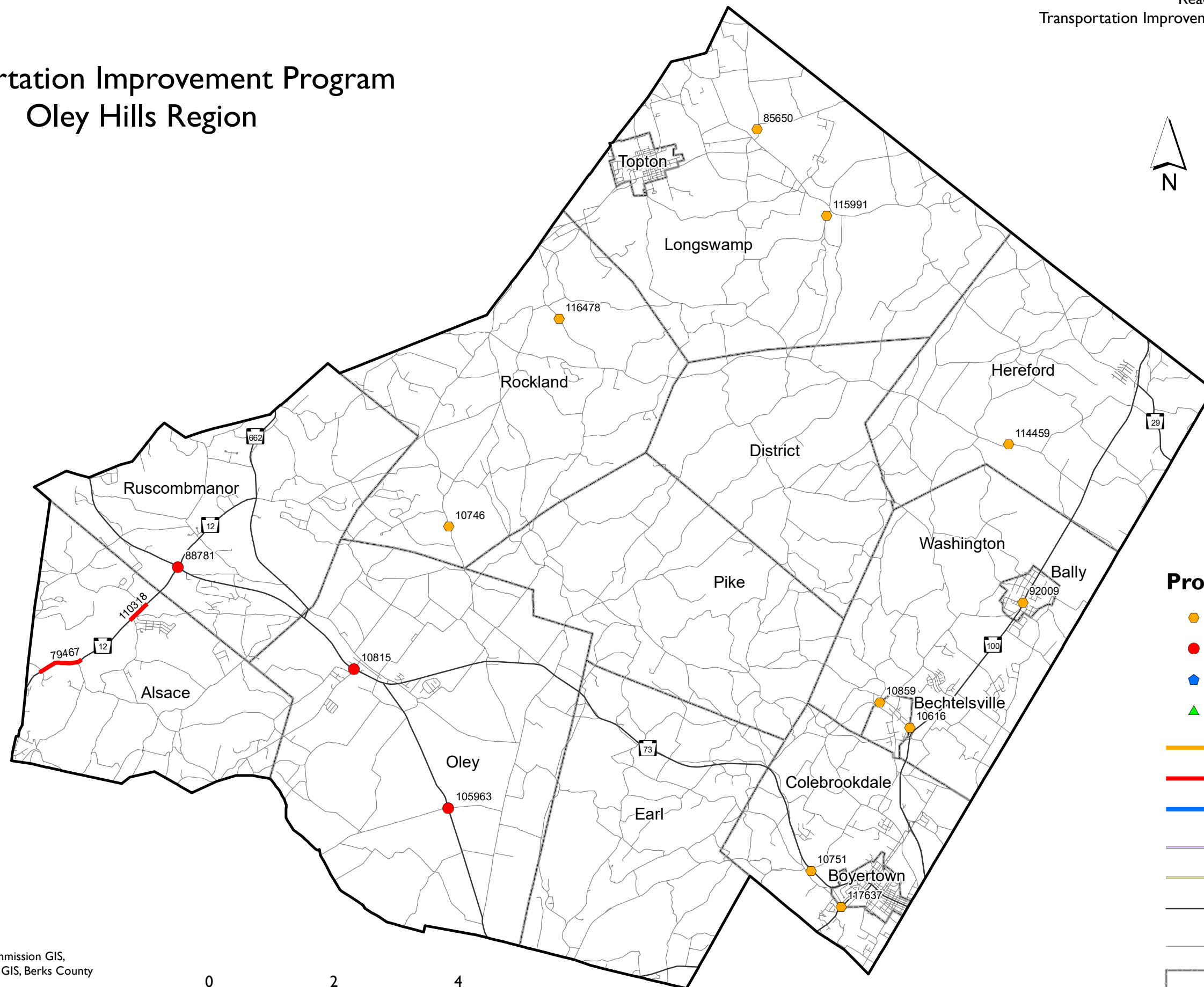
- Bridge
- Highway
- Interstate
- ▲ Transit
- Bridge
- Highway
- Interstate
- Interstate
- US Route
- State Route
- Roads
- Municipal Boundaries

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



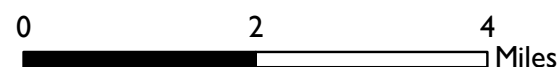


Transportation Improvement Program Oley Hills Region



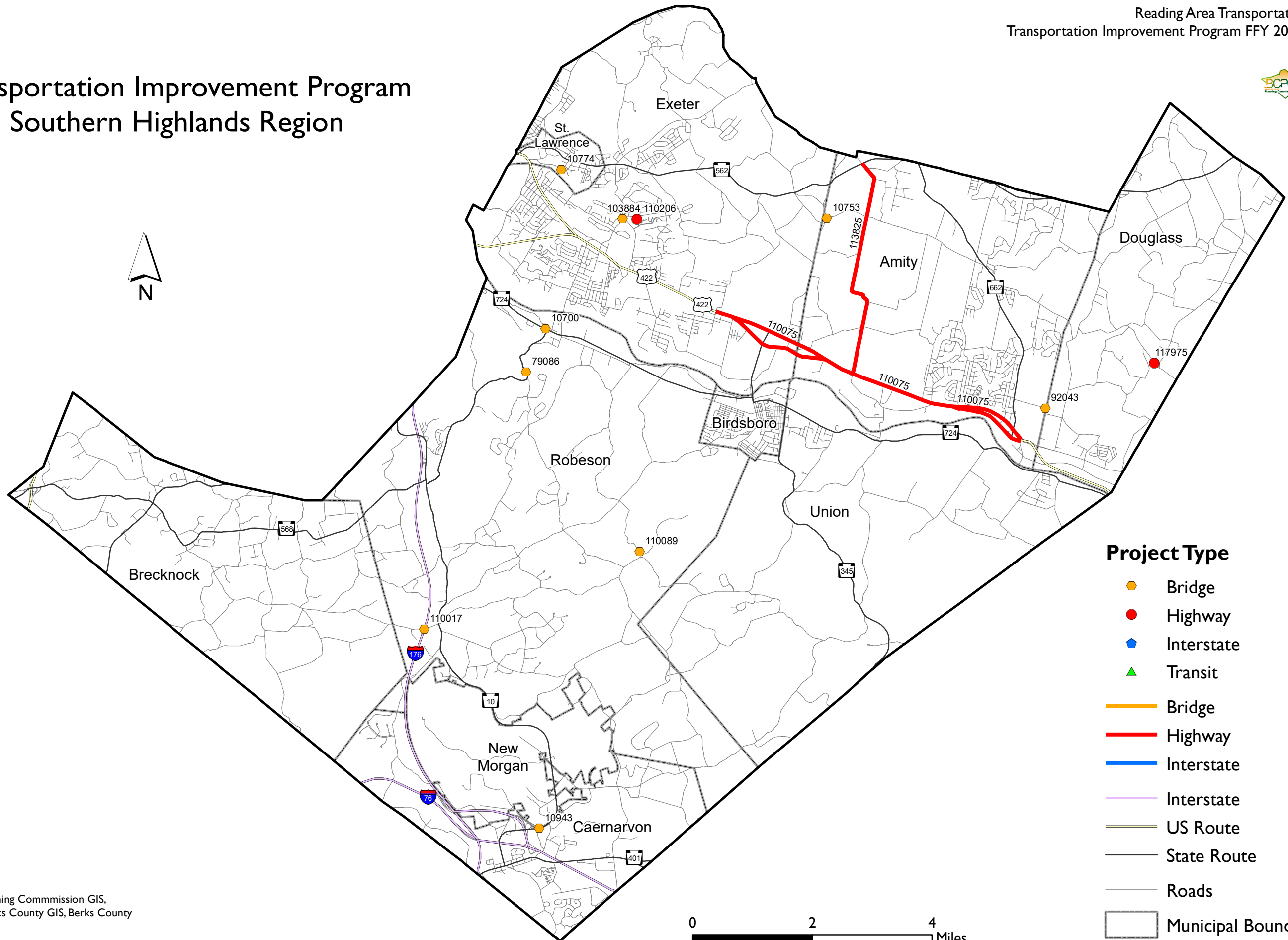
- Project Type**
- Bridge
 - Highway
 - ⬠ Interstate
 - ▲ Transit
 - Bridge
 - Highway
 - Interstate
 - Interstate
 - US Route
 - State Route
 - Roads
 - Municipal Boundaries

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
- Interstate
- US Route
- State Route
- Roads
- Municipal Boundaries

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

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