Reading Area Transportation Study

ANNUAL LIST OF OBLIGATED PROJECTS FOR FEDERAL FISCAL YEAR 2024

December, 2024

READING AREA TRANSPORTATION STUDY C/O BERKS COUNTY PLANNING COMMISSION 633 COURT STREET, 14TH FL READING, PA 19601

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commission

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Purpose of this Report

In accordance with the Fixing America's Surface Transportation (FAST Act) legislation, this document will identify the projects that received obligated federal funding during the Federal Fiscal Year (FFY) October 1, 2023 to September 30, 2024. The Federal Highway Administration defines 'obligated' as "the Federal government's promise to pay a State for the Federal share of a project's eligible cost." These funds are typically a portion of the overall project cost. The overall funded project cost generally consists of Federal funds and funds matched from other sources obtained by the State or local project sponsor. In some instances, the obligated funds for a project become deobligated as a result of lower than expected costs, project removal or withdrawal, and other factors. The FHWA defines 'deobligation' as "the downward adjustment or cancellation and removal of a previously recorded Federal fund obligation associated with a project." The deobligated funds are then reapportioned to other projects. Deobligation amounts in all tables throughout this document are identified in red and parentheses.

Figures included in this report only apply federal dollars to referenced projects. Projects may also include state and/or local funding that is not reflected in project totals.

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. No interstate projects are included in this report.

The FFY 2024 Transit Annual List of Obligated Projects table is located at the end of this document.

Reading Area Transportation Study MPO

The Reading Area Transportation Study (RATS) Coordinating Committee is the designated Metropolitan Planning Organization (MPO) for transportation in Berks County. RATS facilitates the regional, performance-based planning process that serves as the basis for spending state and federal transportation funds for improvements to streets, highways, bridges, public transit, bicycle and pedestrian networks allocated to Berks County. RATS is currently responsible for prioritizing approximately \$75 million annually to advance transportation improvement projects throughout the county.

To receive federal funding, transportation projects must be identified in the Long Range Transportation Plan (LRTP). The LRTP examines socioeconomic trends that affect travel, the current state of the county transportation network, and describes multimodal transportation strategies to address identified transportation needs. The plan outlines the region's long-range transportation vision and projects the transportation needs of the county through the year 2045. The plan must be updated every four years and must project at least 20 years into the future to meet federal requirements.

RATS also approves the Transportation Improvement Program (TIP) which is the capital-funding program that contains all surface transportation projects eligible for federal funding that are programmed for implementation over the next four years. Projects scheduled in the TIP were first identified in the LRTP

Annual List of Obligated Projects for Federal Fiscal Year 2024

as projects that would impact transportation needs in the county. The most recently adopted TIP (FFY 2023-2026, locally approved July 14, 2022) was approved by FHWA/FTA on September 29, 2022. The TIP lists 131 projects totaling \$303.2 million for highway, bridge, and transit projects over the four-year period from 2023 to 2026.

In addition to the material included in the TIP, PennDOT created an internet-based mapping tool that allows interested parties to view the projects included in the TIP and to obtain more information about a proposed project. Users may zoom in or out to view project locations. Clicking on the project link 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. To view the most recent TIP for Berks County, select the Area of Interest as Berks County. Select Planning for the Category. Finally, choose TIP Map as the Map Template.

Public Involvement

RATS continually strives to actively engage public participation in every aspect possible of the transportation planning process. On September 21, 2023, RATS adopted an updated Public Participation Plan that details strategies and procedures to ensure specific opportunities exist for the public to offer input and provide feedback as active participants in the decision-making process. RATS uses a wide range of methods and media to enhance the public's participation in the process.

Codes and Abbreviations

A variety of codes and abbreviations are used to describe both the phase of work and the funding source of a project. The following identifies and describes the codes used in the FFY 2023 Annual Obligated Funds table at the end of this document.

Phase of Work

CON Construction FD Final Design

PE Preliminary Engineering ROW Right-of-way Acquisition

STUDY Traffic Study

UTL Utility

Other Definitions

MPMS - Multimodal Project Management System number

Project Title – the name given to a project

Phase – the stage of work for a project

SR – State Route number

SEC – the section of the route

Annual List of Obligated Projects for Federal Fiscal Year 2024

Obligation* FFY 2024 – the amount of obligated federal funds associated for the project during FFY 2024

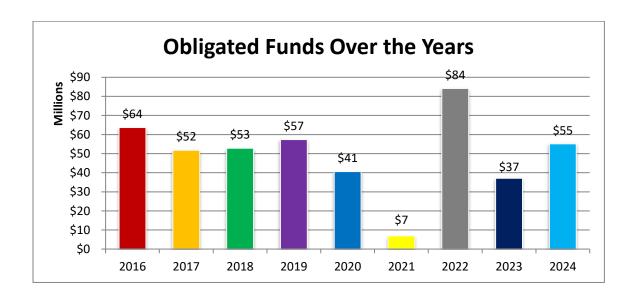
Prog. Total FFY 2023-2026 – the amount of money programmed on the TIP over the identified years for a project

Fed. Funds Remaining – amount of federal funding for a project for subsequent years

Project Description – the brief project description from MPMS

Summary of Obligated Funds over FFY 2016 - 2024

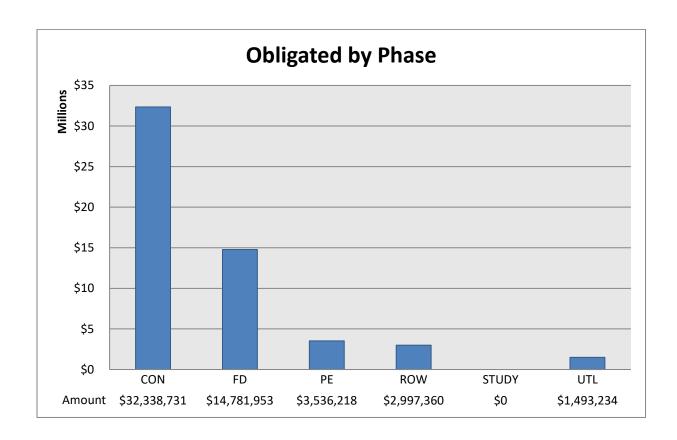
The chart and table below show the obligation/deobligation amounts and the number of highway and bridge projects funded for Federal Fiscal Years 2016-2024. The total obligated funds for FFY 2024 were \$55,147,496 with deobligations totaling \$(2,715,904).



| Year | Obligated Funds | Number of Projects |
|----------|-----------------|--------------------|
| FFY 2016 | \$63,679,793 | 56 |
| FFY 2017 | \$51,770,076 | 65 |
| FFY 2018 | \$52,822,224 | 58 |
| FFY 2019 | \$57,373,838 | 63 |
| FFY 2020 | \$40,603,657 | 57 |
| FFY 2021 | \$6,882,387 | 53 |
| FFY 2022 | \$84,146,500 | 63 |
| FFY 2023 | \$37,093,959 | 54 |
| FFY 2024 | \$55,147,496 | 54 |

Summary of Obligated Funds by Project Phase

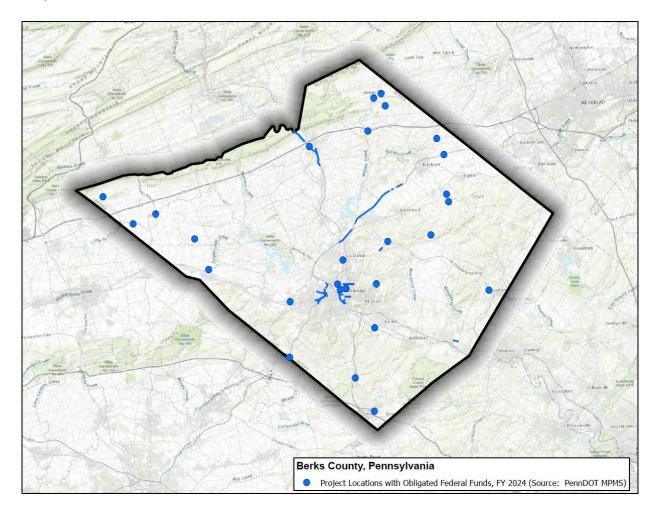
The majority of highway and bridge obligated funds were for the Construction phase for projects in FFY 2024.



| Phase | Obligated Amount | Number of Projects |
|-------|-------------------------|--------------------|
| CON | \$32,338,731 | 24 |
| FD | \$14,781,953 | 14 |
| PE | \$3,536,218 | 13 |
| ROW | \$2,997,360 | 7 |
| STUDY | \$0 | 0 |
| UTL | \$1,493,234 | 7 |

Project Locations

The map below identifies the distribution of mappable projects across Berks County that received Obligated Federal Funds in FFY 2024.



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| | | FFY 2024 HIGHWAY AND BRIDGE AN | NUAL LIST OF OBLI | GATED PROJI | ECTS | | | |
|-------|--|---|--------------------------|----------------------------|----------------|-------------------------|---------------------------------|------------------------|
| MPMS | PROJECT TITLE | PROJECT DESCRIPTION | PROJECT ADMINISTRATOR | PHASE | STATE ROUTE | OBLIGATION* FFY 2024 | PROG. TOTAL FFY 2023-2026 | FED FUNDS REMAINING |
| 10328 | PA 61 Restoration Phase 2A | 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. | PENNDOT | Construction | 61 | \$6,222,360 | \$12,484,760 | \$6,262,400 |
| 10527 | Bellevue Avenue over Readng Blue Mtn & Northern RR | This project involves a bridge replacement on State Route (SR) 2016 (Bellevue Avenue) over the Reading Blue Mountain and Northern Railroads in Muhlenberg Township, Berks County. | PENNDOT | Right of Way | 2016 | \$214,880 | \$214,880 | \$0 |
| 10588 | Stumps Bridge over Kistler Creek | This project involves a bridge replacement on State Route 1017 (Creek Road) over Kistler Creek in Albany Township, Berks County. | PENNDOT | Construction | 1017 | \$78,829 | \$108,829 | \$30,000 |
| 10613 | 5th Street Bridge over NS RR | This project involves the Fifth Street Bridge replacement/rehabilitation over Norfolk Southern Railroad (NS RR) in the City of Reading, Berks County. | PENNDOT | Preliminary Engineering | 2005 | \$458,756 | \$926,756 | \$468,000 |
| 10700 | Main Street over Allegheny Creek | This project involves a bridge replacement on State Route 724 (Main Street) over Allegheny Creek in Robeson Township, Berks County. The existing one-span rolled steel I-beam bridge is proposed to be replaced with a single span spread prestressed concrete beam superstructure. Full depth roadway work will extend approximately 70 feet along the western approach and 40 feet along the eastern approach. This work will include pavement and guiderail replacement and side slopes will be stabilized with rock. | PENNDOT | Final Design | 724 | \$151,540 | \$297,052 | \$145,512 |
| 10700 | Main Street over Allegheny Creek | This project involves a bridge replacement on State Route 724 (Main Street) over Allegheny Creek in Robeson Township, Berks County. The existing one-span rolled steel I-beam bridge is proposed to be replaced with a single span spread prestressed concrete beam superstructure. Full depth roadway work will extend approximately 70 feet along the western approach and 40 feet along the eastern approach. This work will include pavement and guiderail replacement and side slopes will be stabilized with rock. | PENNDOT | Right of Way | 724 | \$76,160 | \$76,160 | \$0 |

^{*}Negative amounts in the obligation column are a result of de-obligating unused funds for a project. De-obligation is a release of funds due to eaither the cancelation or completion of a project.

| | | FFY 2024 HIGHWAY AND BRIDGE AN | NUAL LIST OF OBLI | GATED PROJ | ECTS | | | |
|-------|--|--|--------------------------|----------------------------|----------------|-------------------------|---------------------------------|------------------------|
| MPMS | PROJECT TITLE | PROJECT DESCRIPTION | PROJECT ADMINISTRATOR | PHASE | STATE ROUTE | OBLIGATION* FFY 2024 | PROG. TOTAL FFY 2023-2026 | FED FUNDS REMAINING |
| 10746 | Forgedale Road Bridge | This project involves the bridge replacement of State Route 1021 (Forgedale Road) over Beiber Creek in Rockland Township, Berks County. | PENNDOT | Utility | 1021 | \$14,228 | \$14,228 | \$0 |
| 10751 | Funk Road over Trib to Ironstone Creek | Rehabilitation or replacement of the structure carrying Funk Road (State Road 2045) over a tributary of Ironstone Creek in Colebrookdale Township, Berks County. | PENNDOT | Preliminary Engineering | 2045 | \$486,932 | \$626,420 | \$139,488 |
| 10867 | PA 61 Restoration Phase 2B | 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. | PENNDOT | Final Design | 61 | \$350,800 | \$350,800 | \$0 |
| 10943 | Morgantown Road over trib Conestoga Creek | This project involves the bridge rehabilitation via superstructure replacement of Pennsylvania State Route 10 (Morgantown Road) over a tributary to Conestoga Creek in Caernarvon Township & New Morgan Borough, Berks County. The existing superstructure will be replaced with steel beam precast concrete deck modules supported on the existing concrete gravity wall abutments. Roadway improvements include full depth reconstruction, guiderail upgrades, updated signage, and miscellaneous safety improvements. PA 10 (Morgantown Road) is expected to be closed for 10 days during construction in order to complete project using Accelerated Bridge Construction techniques. A 0.9-mile car detour will be posted using municipal roads (Quarry Road and Morgan Way). Truck traffic will be detoured onto I-176 (Morgantown Expressway) and PA 10 (Morgantown Road) during construction. The detour will be approximately 15 miles for northbound truck traffic and 18 miles for southbound truck traffic. The bridge is located approximately 1000 feet east of the interchange with I-176 (Morgantown Expressway). | PENNDOT | Construction | 10 | \$1,527,711 | \$1,820,715 | \$293,004 |
| 61972 | US 222 Widening | This project involves the widening of US Route 222 from Schaeffer Road to the Kutztown Bypass in Richmond, Maidencreek and Maxatawny Townships, Berks County. The highway will be widened to four lanes, a median barrier will be installed, as well as roundabouts at Pleasant Hills Road and Richmond Road. Bridge replacement on US Route 222 over the tributary to Moselem Creek. | PENNDOT | Final Design | 222 | \$74,400 | \$74,400 | \$0 |

^{*}Negative amounts in the obligation column are a result of de-obligating unused funds for a project. De-obligation is a release of funds due to eaither the cancelation or completion of a project.

| | | FFY 2024 HIGHWAY AND BRIDGE AN | NUAL LIST OF OBLI | GATED PROJI | ECTS | | | |
|-------|----------------------------------|--|--------------------------|--------------|----------------|-------------------------|---------------------------------|------------------------|
| MPMS | PROJECT TITLE | PROJECT DESCRIPTION | PROJECT ADMINISTRATOR | PHASE | STATE ROUTE | OBLIGATION* FFY 2024 | PROG. TOTAL FFY 2023-2026 | FED FUNDS REMAINING |
| 61972 | US 222 Widening | This project involves the widening of US Route 222 from Schaeffer Road to the Kutztown Bypass in Richmond, Maidencreek and Maxatawny Townships, Berks County. The highway will be widened to four lanes, a median barrier will be installed, as well as roundabouts at Pleasant Hills Road and Richmond Road. Bridge replacement on US Route 222 over the tributary to Moselem Creek. | PENNDOT | Utility | 222 | \$800,000 | \$874,180 | \$74,180 |
| 85643 | Donat Road over Stoney Run | This project involves the bridge replacement of State Route 1015 (Donat Road) over Stoney Run in Albany Township, Berks County. | PENNDOT | Final Design | 1015 | \$338,048 | \$338,048 | \$0 |
| 85648 | Valley Road over Maiden | 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. | PENNDOT | Construction | 1018 | \$1,699,692 | \$1,699,692 | \$0 |
| 85670 | Road over | This project involves the bridge replacement of State Route 645 (Camp Swatara Road) over Little Swatara Creek and full depth pavement reconstruction on the bridge approaches along with safety improvements including guide rail, pavement markings and signing in Bethel and Tulpehocken Townships, Berks County. A car and truck detour will be used to maintain traffic during construction. | PENNDOT | Utility | 645 | \$90,144 | \$112,000 | \$21,856 |
| 85670 | Road over | This project involves the bridge replacement of State Route 645 (Camp Swatara Road) over Little Swatara Creek and full depth pavement reconstruction on the bridge approaches along with safety improvements including guide rail, pavement markings and signing in Bethel and Tulpehocken Townships, Berks County. A car and truck detour will be used to maintain traffic during construction. | PENNDOT | Right of Way | 645 | \$52,064 | \$80,720 | \$28,656 |
| 88781 | SR 12 and SR 73 | 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. | PENNDOT | Construction | 12 | \$578,566 | \$1,420,221 | \$841,655 |

^{*}Negative amounts in the obligation column are a result of de-obligating unused funds for a project. De-obligation is a release of funds due to eaither the cancelation or completion of a project.

| | | FFY 2024 HIGHWAY AND BRIDGE AN | NUAL LIST OF OBLI | GATED PROJE | ECTS | | | |
|-------|---|--|--------------------------|----------------------------|----------------|-------------------------|---------------------------------|------------------------|
| MPMS | PROJECT TITLE | PROJECT DESCRIPTION | PROJECT ADMINISTRATOR | PHASE | STATE ROUTE | OBLIGATION* FFY 2024 | PROG. TOTAL FFY 2023-2026 | FED FUNDS REMAINING |
| 89056 | Transp Alternative Project Mngmt | This project is a Berks County Transportation Alternatives Program Management Contract to assist local sponsors in developing approved Transportation Alternative Projects. | PENNDOT | Preliminary Engineering | | \$23,060 | \$53,000 | \$29,940 |
| 90569 | SR 222 and Long Lane Intersection Improvements | 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. | PENNDOT | Utility | 222 | \$581,416 | \$621,416 | \$40,000 |
| 90569 | SR 222 and Long Lane Intersection Improvements | 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. | PENNDOT | Construction | 222 | \$7,124,196 | \$8,516,736 | \$1,392,540 |
| 91091 | Schuylkill Ave Bridge SB | 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. | PENNDOT | Construction | 183 | \$1,933,112 | \$8,895,794 | \$6,962,682 |
| 91908 | North Third Street over Tulpehocken Creek | This project involves the bridge 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. | PENNDOT | Final Design | 419 | \$776,320 | \$776,320 | \$0 |
| 91908 | North Third Street over Tulpehocken Creek | This project involves the bridge 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. | PENNDOT | Right of Way | 419 | \$226,880 | \$226,880 | \$0 |
| 91932 | Carsonia Avenue over Antietam Creek | This project involves bridge replacement on SR 2023 (Carsonia Avenue) over Antietam Creek in Lower Alsace Township, Berks County. | PENNDOT | Utility | 2023 | \$(35,262) | \$0 | \$0 |
| 91995 | Centre Avenue over Norfolk Southern RR | 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. | PENNDOT | Preliminary Engineering | 2087 | \$175,448 | \$175,448 | \$0 |
| 92043 | Tollgate Rd over Unnamed Trib to Leaf Creek | This project involves the bridge 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. | PENNDOT | Utility | 2057 | \$34,220 | \$34,220 | \$0 |
| 92070 | Penn Avenue over Cacoosing Creek | Bridge rehabilitation or replacement of State Route 422 (Penn Avenue) over Cacoosing Creek in Sinking Spring Borough, Berks County. | PENNDOT | Preliminary Engineering | 422 | \$294,400 | \$494,400 | \$200,000 |

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| | | FFY 2024 HIGHWAY AND BRIDGE AN | NUAL LIST OF OBLI | GATED PROJI | ECTS | | | |
|-------|--|---|--------------------------|--------------|----------------|-------------------------|---------------------------------|------------------------|
| MPMS | PROJECT TITLE | PROJECT DESCRIPTION | PROJECT ADMINISTRATOR | PHASE | STATE ROUTE | OBLIGATION* FFY 2024 | PROG. TOTAL FFY 2023-2026 | FED FUNDS REMAINING |
| 92079 | Rehrersburg Road over Mill Creek | This project involves the bridge replacement of State Route 419 (Rehrersburg Road) over Mill Creek in Tulpehocken Township, Berks County. | PENNDOT | Final Design | 419 | \$50,000 | \$213,692 | \$163,692 |
| 92079 | Rehrersburg Road over Mill Creek | This project involves the bridge replacement of State Route 419 (Rehrersburg Road) over Mill Creek in Tulpehocken Township, Berks County. | PENNDOT | Right of Way | 419 | \$46,160 | \$46,160 | \$0 |
| 92414 | SR 222_73 & Genesis Drive | 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. | PENNDOT | Right of Way | 222 | \$2,313,320 | \$2,313,320 | \$0 |
| 94900 | Freeway Service Patrol | This project funds the freeway service patrol on US Route 422, US Route 222 and PA 12 in the urban area in Berks County. | PENNDOT | Construction | 422 | \$135,645 | \$1,005,563 | \$869,918 |
| 96373 | PA 61 Restoration Phase 1 | This project involves the highway restoration of State Route 61 from approximately 1700 feet south of Cabela Drive in Tilden Township, Berks County north to south end of the bridge over the Reading Blue Mountain & Northern Railroad (RR) and Schuylkill River with maintenance, protection and traffic extending into Port Clinton Borough, Schuylkill County. Bridge preservation activities to include minor deck repairs and application of a waterproofing membrane will occur on the structure over Bartram Trail. Installation of a median barrier from the Walmart entrance at Lowland Road to a point approximately 0.4 miles north under MPMS #109337 is intended to be let with this project contract. | | Final Design | 61 | \$206,408 | \$206,408 | \$0 |

^{*}Negative amounts in the obligation column are a result of de-obligating unused funds for a project. De-obligation is a release of funds due to eaither the cancelation or completion of a project.

| | | FFY 2024 HIGHWAY AND BRIDGE AN | NUAL LIST OF OBLI | GATED PROJE | ECTS | | | |
|--------|--|---|--------------------------|----------------------------|----------------|-------------|---------------------------------|------------------------|
| MPMS | PROJECT TITLE | PROJECT DESCRIPTION | PROJECT ADMINISTRATOR | PHASE | STATE ROUTE | | PROG. TOTAL FFY 2023-2026 | FED FUNDS REMAINING |
| 96373 | PA 61 Restoration Phase 1 | This project involves the highway restoration of State Route 61 from approximately 1700 feet south of Cabela Drive in Tilden Township, Berks County north to south end of the bridge over the Reading Blue Mountain & Northern Railroad (RR) and Schuylkill River with maintenance, protection and traffic extending into Port Clinton Borough, Schuylkill County. Bridge preservation activities to include minor deck repairs and application of a waterproofing membrane will occur on the structure over Bartram Trail. Installation of a median barrier from the Walmart entrance at Lowland Road to a point approximately 0.4 miles north under MPMS #109337 is intended to be let with this project contract. | PENNDOT | Construction | 61 | \$4,712,667 | \$9,335,640 | \$4,622,973 |
| 96381 | SR 2006 (Chestnut Street) Resurface | This project involves highway resurfacing of the entire length of SR 2006 (Chestnut Street) from Fourth Street to Bingaman Street in the City of Reading, Berks County. | PENNDOT | Construction | 2006 | \$(17,043) | \$0 | \$0 |
| 97838 | | 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. | PENNDOT | Construction | | \$100,000 | \$200,000 | \$100,000 |
| 102162 | (Spring St) Corridor | 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. | PENNDOT | Preliminary Engineering | 2014 | \$(148,985) | \$0 | \$0 |

| | | FFY 2024 HIGHWAY AND BRIDGE AN | NUAL LIST OF OBLI | GATED PROJE | ECTS | | | |
|--------|------------------------------------|--|--------------------------|--------------|----------------|-------------------------|---------------------------------|------------------------|
| MPMS | PROJECT TITLE | PROJECT DESCRIPTION | PROJECT ADMINISTRATOR | PHASE | STATE ROUTE | OBLIGATION* FFY 2024 | PROG. TOTAL FFY 2023-2026 | FED FUNDS REMAINING |
| 102162 | (Spring St) Corridor | 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. | PENNDOT | Final Design | 2014 | \$(237,790) | \$0 | \$0 |
| 105954 | from Colony | 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. | PENNDOT | Final Design | 3023 | \$1,300,000 | \$1,300,000 | \$0 |
| 109337 | 61 Med Barr - Tilden Twp | 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. | PENNDOT | Construction | 61 | \$219,880 | \$530,450 | \$310,570 |
| 109894 | | 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). | PENNDOT | Construction | 61 | \$6,543,160 | \$14,533,488 | \$7,990,328 |
| 110007 | 222 Warren Street Wyomissing | 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. | PENNDOT | Final Design | 222 | \$(115,099) | \$0 | \$0 |

| | | FFY 2024 HIGHWAY AND BRIDGE AN | NUAL LIST OF OBLI | GATED PROJI | ECTS | | | |
|--------|--|---|--------------------------|----------------------------|----------------|-------------------------|---------------------------------|------------------------|
| MPMS | PROJECT TITLE | PROJECT DESCRIPTION | PROJECT ADMINISTRATOR | PHASE | STATE ROUTE | OBLIGATION* FFY 2024 | PROG. TOTAL FFY 2023-2026 | FED FUNDS REMAINING |
| 110007 | 222 Warren Street Wyomissing | 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. | PENNDOT | Construction | 222 | \$(2,000,000) | \$0 | \$0 |
| 110008 | 222 Auxiliary Lane- Wyomissing "Hard Shoulder" | This project involves the addition of an auxiliary lane along US Route 222 Southbound between Paper Mill Road and the US Routes 222 and 422 Interchanges in Wyomissing Borough, Berks County. The project begins where Berkshire Boulevard passes over US Route 222 and continues up and around the hard curve to the Paper Mill Road exit. This project also involves the creation of a corresponding northbound auxiliary lane from the entrance ramp of the State Hill Road interchange to the SR 422 eastbound exit ramp. The additional northbound lane will be created through a combination of minor widening, existing shoulder conversion, minor cross slope adjustments and rechannelization of the existing lane configuration. The project also includes concrete patching, bituminous overlay (including portions of the associated ramps), and preventative maintenance to the bridge spanning Crossing Drive in both directions. | PENNDOT | Final Design | 222 | \$924,000 | \$924,000 | \$0 |
| 110009 | 222 from 61 to BUS 222 | 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. | PENNDOT | Construction | 222 | \$106,564 | \$1,314,281 | \$1,207,717 |
| 110016 | Lancaster Ave over Swatara Creek | Bridge Replacement of State Route 501 (Lancaster Avenue) over Swatara Creek in Bethel Township, Berks County. | PENNDOT | Preliminary Engineering | 501 | \$275,328 | \$563,728 | \$288,400 |
| 110017 | Alleghenyville Road (SR 3024) over I- 176 | This project involves the replacement of the bridge on State Route 3024 (Alleghenyville Road) over Interstate 176 in Robeson Township, Berks County. | PENNDOT | Utility | 3024 | \$8,488 | \$32,000 | \$23,512 |
| 110318 | SR 12 Alsace Manor Int Impvmnts | 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. | PENNDOT | Final Design | 12 | \$640,000 | \$640,000 | \$0 |

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| | | FFY 2024 HIGHWAY AND BRIDGE AN | NUAL LIST OF OBLI | GATED PROJE | CTS | | | |
|--------|---|--|--------------------------|--------------|----------------|-------------------------|---------------------------------|------------------------|
| MPMS | PROJECT TITLE | PROJECT DESCRIPTION | PROJECT ADMINISTRATOR | PHASE | STATE ROUTE | OBLIGATION* FFY 2024 | PROG. TOTAL FFY 2023-2026 | FED FUNDS REMAINING |
| 111504 | Topton Pedestrian Connectivity | Creation of path through Topton Borough Community Park and sidewalk, crosswalks, and ADA ramps along W. Weis St. (SR 1010) and Callowhill St. for a safe route to the middle school in Topton Borough, Berks County. | PENNDOT | Construction | 1010 | \$(98,093) | \$100,000 | \$0 |
| 114354 | RATS AWPM - 2021 | Installation of all weather pavement markings on various state routes in various municipalities in Berks County. | PENNDOT | Construction | 222 | \$200,000 | \$200,000 | \$0 |
| 114439 | West Shore Bypass - Phase 1 | 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. | PENNDOT | Final Design | 422 | \$9,898,966 | \$19,110,000 | \$9,211,034 |
| 115858 | Tropical Isaias DF Emergency Response_Ber ks | August 4, 2020 Tropical Storm Isaias emergency flood repairs by Department Forces on various federal aid sites within Berks County on state routes 2027, 143, 73, 2036, 4028, and 222 | PENNDOT | Construction | 143 | \$(2) | \$0 | \$0 |

| | | FFY 2024 HIGHWAY AND BRIDGE AN | INUAL LIST OF OBLI | GATED PROJI | ECTS | | | |
|--------|--|--|--------------------------|--------------|----------------|-------------------------|---------------------------------|------------------------|
| MPMS | PROJECT TITLE | PROJECT DESCRIPTION | PROJECT ADMINISTRATOR | PHASE | STATE ROUTE | OBLIGATION* FFY 2024 | PROG. TOTAL FFY 2023-2026 | FED FUNDS REMAINING |
| 116478 | Smoketown Road over Little Sacony Creek | This project involves the replacement of the bridge on Smoketown Road (State Route 1029) over Little Sacony Creek in Rockland Township, Berks County. On May 6, 2021, the bridge carrying SR 1029 (Smoketown Road) over Sacony Creek was closed due to severe scour damage following a heavy rain event on May 5, 2021. Advanced scour was discovered at the north abutment, resulting in the abutment settling over nine inches. The structure was ultimately removed following this failure. Further observations at the site indicated significant contraction scour from the former bridge location and confinement created by the elevated roadway approaches. The elevated roadway restricts floodplain access and prevents floodwaters from dissipating energy into the floodplain due to the channel running parallel along the edge of roadway. The sharp curvature of the stream at the bridge location also results in increased shear stress and bank erosion. Due to the previous failure and site observations, it was evident the project would need to improve the stream channel and design the bridge for future storm events to provide a resilient structure and roadway. The SR 1029-01B improvements that qualify for PROTECT funding include: restoring and realigning Sacony Creek through the project site, lengthening the proposed bridge to accommodate the redesigned channel, stabilizing and strengthening the Northeast streambank, and installing riprap and other natural counter measures to limit future scour. The redesigned channel will improve the alignment with the proposed bridge, increase sinuosity and floodplain connectivity, reduce shear stress adjacent to the bridge and stabilize the streambed elevations. As part of the design, a 20% increase to the 100-year flows will be included in the hydrologic and hydraulic analysis. This will result in a resilient bridge replacement able to mitigate the impacts of high flow events. These improvements will also lead to less maintenance and improve the stability the approach roadway. Right-of-Way acquisitio | PENNDOT | Final Design | 1029 | \$424,360 | \$424,360 | \$0 |

| FFY 2024 HIGHWAY AND BRIDGE ANNUAL LIST OF OBLIGATED PROJECTS | | | | | | | | | |
|---|--|--|---------|----------------|-------------------------|---------------------------------|------------------------|----------|--|
| MPMS | PROJECT TITLE | PROJECT DESCRIPTION PROJECT ADMINISTRATOR PHASE | | STATE ROUTE | OBLIGATION* FFY 2024 | PROG. TOTAL FFY 2023-2026 | FED FUNDS REMAINING | | |
| 116478 | Smoketown Road over Little Sacony Creek | This project involves the replacement of the bridge on Smoketown Road (State Route 1029) over Little Sacony Creek in Rockland Township, Berks County. On May 6, 2021, the bridge carrying SR 1029 (Smoketown Road) over Sacony Creek was closed due to severe scour damage following a heavy rain event on May 5, 2021. Advanced scour was discovered at the north abutment, resulting in the abutment settling over nine inches. The structure was ultimately removed following this failure. Further observations at the site indicated significant contraction scour from the former bridge location and confinement created by the elevated roadway approaches. The elevated roadway restricts floodplain access and prevents floodwaters from dissipating energy into the floodplain due to the channel running parallel along the edge of roadway. The sharp curvature of the stream at the bridge location also results in increased shear stress and bank erosion. Due to the previous failure and site observations, it was evident the project would need to improve the stream channel and design the bridge for future storm events to provide a resilient structure and roadway. The SR 1029-01B improvements that qualify for PROTECT funding include: restoring and realigning Sacony Creek through the project site, lengthening the proposed bridge to accommodate the redesigned channel, stabilizing and strengthening the Northeast streambank, and installing riprap and other natural counter measures to limit future scour. The redesigned channel will improve the alignment with the proposed bridge, increase sinuosity and floodplain connectivity, reduce shear stress adjacent to the bridge and stabilize the streambed elevations. As part of the design, a 20% increase to the 100-year flows will be included in the hydrologic and hydraulic analysis. This will result in a resilient bridge replacement able to mitigate the impacts of high flow events. These improvements will also lead to less maintenance and improve the stability the approach roadway. Right-of-Way acquisitio | PENNDOT | Right of Way | 1029 | \$67,896 | \$67,896 | \$0 | |
| 116746 | Low Cost Signal Upgrades - RATS | The project consists of adding retroreflective backplates and increasing signal head size form 8" to 12" lens at urban intersections in Berks County for safety and the reduction of crashes. | PENNDOT | Construction | 422 | \$7,906 | \$61,486 | \$53,580 | |

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| | FFY 2024 HIGHWAY AND BRIDGE ANNUAL LIST OF OBLIGATED PROJECTS | | | | | | | | | | |
|--------|--|---|---------|----------------------------|----------------|-------------------------|---------------------------------|------------------------|--|--|--|
| MPMS | PROJECT TITLE | TITLE PROJECT DESCRIPTION A | | PHASE | STATE ROUTE | OBLIGATION* FFY 2024 | PROG. TOTAL FFY 2023-2026 | FED FUNDS REMAINING | | | |
| 116752 | Dynamic Curve Warning Signs - RATS | This project involves the installation of Dynamic Curve Warning Signs at various locations within Berks County to reduce crashes and improve safety. | PENNDOT | Construction | 222 | \$23,060 | \$217,068 | \$194,008 | | | |
| 117603 | State Hill Road - SR 222 SB to Norfolk Southern RR | 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. | PENNDOT | Preliminary Engineering | 3023 | \$205,403 | \$205,403 | \$0 | | | |
| 117620 | State Hill Road - Norfolk Southern RR to Penn Ave. 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. | | PENNDOT | Preliminary Engineering | 3023 | \$302,118 | \$868,618 | \$566,500 | | | |
| 117637 | RATS Bridge Overlay Bundle #3 | This project involves the latex modified concrete overlay of various bridges in Berks County. | PENNDOT | Preliminary Engineering | 183 | \$374,260 | \$374,260 | \$0 | | | |
| 117637 | RATS Bridge Overlay Bundle #3 | This project involves the latex modified concrete overlay of various bridges in Berks County. | PENNDOT | Construction | 183 | \$2,972,333 | \$2,974,557 | \$2,224 | | | |
| 117724 | Long Lane (SR 1024) over Mill Creek | This project involves the rehabilitation and/or replacement of the structure carrying SR 1024 (Long Lane) over Mill Creek in Maxatawny Township, Berks County. | PENNDOT | Preliminary Engineering | 1024 | \$23,020 | \$397,756 | \$374,736 | | | |
| 117725 | Meckville Road over Meck Creek This project involves the rehabilitation or replacement of the bridge carrying State Route 4005 over Meck Creek in Bethel Township, Berks County. | | PENNDOT | Preliminary Engineering | 4005 | \$549,120 | \$549,120 | \$0 | | | |
| 117726 | SR 4028 (Old Route 22) over Maiden Creek Tributary | 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. | PENNDOT | Preliminary Engineering | 4028 | \$517,358 | \$726,590 | \$209,232 | | | |
| 118544 | ROW Advanced Demolition - 183/05B | This advanced break-out project, for the Schuylkill Avenue bridge project over Norfolk Southern Railroad (MPMS #91091) in the City of Reading, Berks County, consists of demolition of three three-story buildings, one multi-family residential three-story building with a block garage on southbound side of State Route 183 purchased in relation to the structure replacement. | PENNDOT | Construction | 183 | \$(63,631) | \$22,192 | \$0 | | | |

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| | FFY 2024 HIGHWAY AND BRIDGE ANNUAL LIST OF OBLIGATED PROJECTS | | | | | | | | | | |
|--------|---|---|--------------------------|--------------|----------------|-------------------------|---------------------------------|------------------------|--|--|--|
| MPMS | PROJECT TITLE | PROJECT DESCRIPTION | PROJECT ADMINISTRATOR | PHASE | STATE ROUTE | OBLIGATION* FFY 2024 | PROG. TOTAL FFY 2023-2026 | FED FUNDS REMAINING | | | |
| 119419 | Road User | This project involves implementation of a system wide safety improvement for Vulnerable Road Users by implementing Pedestrian count timers on various routes in Berks County. | PENNDOT | Construction | 10 | \$141,819 | \$597,626 | \$455,807 | | | |
| 121442 | | This project involves the realignment of an existing entrance to a weigh station along SR 222 to improve accessibility in Brecknock Township, Berks County. | PENNDOT | Construction | 222 | \$190,000 | \$209,734 | \$19,734 | | | |

FFY 2024 TRANSIT ANNUAL LIST OF OBLIGATED PROJECTS FOR BERKS AREA REGIONAL TRANSPORTATION AUTHORITY (BARTA)

| | | | FEDERAL FUND | FEDERAL FUNDS | FEDERAL FUNDS | FEDERAL FUNDS | FEDERAL FUNDS | FFY 2024 | FEDERAL FUNDS |
|--------|------------------------------------|--|------------------|---------------|---------------|--------------------------------|------------------|-------------|---------------|
| MPMS | PROJECT TITLE | PROJECT DESCRIPTION | _ | | | | | _ | |
| 102302 | BARTA Facility Improvement(1) | Funds the design and rehabilitation of the 11 St. Operations Center and the BARTA Transportation Center (BTC) and the installation of Garage Open/Full signs at the BTC and PNT Parking Garages. | CATEGORY 5307 | \$1,847,565 | \$0 | REQUESTED 2023-2026 \$0 | \$1,376,205 | \$197,258 | \$274,102 |
| 114375 | Facility Improvement Program | Funds the solar panel project and parking lot rehab project at BARTA office. | 5307 | \$0 | \$2,964,132 | \$418,660 | \$1,140,276 | \$1,580,006 | \$662,510 |
| 114383 | Route scheduling/Planning software | Funds the purchase of a new Route & Scheduling software that includes a planning component | 5307 | \$0 | \$0 | \$628,000 | \$65,410 | \$102,771 | \$459,819 |
| 114384 | Office equipment/furniture | Funds the upgrade of office equipment and furniture used for office operations, incuding a Jetsort Six Bag Coin Sorting Machine | 5307 | \$0 | \$17,600 | \$40,000 | \$0 | \$12,985 | \$44,615 |
| 114385 | Maintenance Equipment Upgrades | Funds purcahse of equipment trailer, skid loader, and floor scrubber for shop | 5307 | \$0 | \$516,000 | \$540,000 | \$408,000 | \$49,727 | \$598,273 |
| 120274 | Facility Improvement Program | Funds the solar panel project and parking lot rehab project at BARTA office. | 5307 | \$0 | \$0 | \$449,962 | \$0 | \$449,962 | \$0 |
| | | | | | | TOTAL FUNDS OBLIG | ATED IN FFY 2024 | \$2,392,709 | |

Notes: The FTA definition of obligation was used to determine the funding amounts reported as obligated. For the FTA, funds are obligated when a contract is awarded for the purchase of goods or services. For example, a contract can be awarded for the purchase of buses and the funds obligated in one fiscal year but the actual expenditure of funds may not occur until the next fiscal year based on the production and delivery schedule for the bus.

Funding Sources:

5307 Federal - Urbanized Area Formula Program 5339 Federal - Bus and Bus Facilities Program

CMAQ Federal - Congestion Mitigation/Air Quality Program

READING AREA TRANSPORTATION STUDY 2024

Reading Area Transportation Study Coordinating Committee

PennDOT District 5-0 Mr. Chris Kufro, Acting District Executive (Chairman)

Ms. Jennifer Ruth, Planning & Program Manager*

PennDOT Central Office Mr. James Mosca, Division Chief, Center for Program

Development and Management.

Mr. Nick Raio, Trans. Planning Specialist Supervisor *

Berks County Commissioners Mr. Michael Rivera, Commissioner

Berks County Planning Commission Mr. Thomas McKeon, Board Member (Vice Chairman)

Mr. Alan Piper, Transportation Planner III (MPO Secretary)*

City of Reading Ms. Donna Reed, Council Member

Mr. O. Chris Miller, Council Member*

Berks County Boroughs Mr. Brian Hoffa, Borough Council Member

(Sinking Spring Borough)

Berks County 1st Class Townships Ms. Lisha Rowe, Township Commissioner

(Cumru Township)

Berks County 2nd Class Townships Mr. Arthur "Ray" Lambert, Township Supervisor

(Upper Bern Township)

South Central Transit Authority / Mr. Greg Downing, Executive Director

Berks Area Regional Transportation Authority Mr. Keith Boatman, Assoc. Director of Capital Projects/Planning

Reading Regional Airport Authority Mr. Dante Santoni, Jr., Board Member

Reading Area Transportation Study Technical Committee

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Mr. Michael Donchez, Transportation Planning Specialist*

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Ms. Amanda Timochenko, Transportation Planner II*

Berks County Planning Commission Mr. Michael Golembiewski, Transportation Modeler

Ms. Amanda Timochenko, Transportation Planner II*

City of Reading Mr. Kyle Zeiber, Department of Public Works

City of Reading Mr. Timothy Krall, Department of Public Works

South Central Transit Authority / Mr. Keith Boatman, Assoc. Director of Capital Projects/Planning

Berks Area Regional Transportation Authority Ms. Lauri Ahlskog, Manager of Transit Planning & Compliance*

Reading Regional Airport Authority Mr. Zackary Tempesco, Airport Manager

* Denotes Board Alternate

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