

# Reading Area Transportation Study

## ANNUAL LIST OF OBLIGATED PROJECTS FOR FEDERAL FISCAL YEAR 2022

December, 2022



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

Phone: (610) 478-6300

Fax: (610) 478-6316

Email: [planning@countyofberks.com](mailto:planning@countyofberks.com)

Web Site: <http://www.co.berks.pa.us/planning>

It is the policy of the Reading Area Transportation Study (RATS), the federally designated Metropolitan Planning Organization (MPO) for transportation planning in Berks County, in accordance with Title VI of the Civil Rights Act of 1964, as amended, to ensure that "no person shall, on the basis of race, color, national origin, gender, age, religious creed or disability; be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination under any program or activity" for which the MPO receives Federal financial assistance. Furthermore, it shall be the policy of the MPO to ensure that as a recipient of Federal-aid funding, it will ensure nondiscrimination in all of its programs and activities whether Federally funded or not. The MPO is steadfast in its commitment to ensure the uniform adoption of this policy.

RATS fully complies with Title VI of the Civil Rights Act of 1964 and related statutes and regulations in all programs and activities. RATS' website ([www.countyofberks.com/planning](http://www.countyofberks.com/planning)) may be translated into multiple languages. Publications and other public documents can be made available in alternative languages and formats, if requested. In accordance with Federal Highway Administration Regulation 23 CFR 200.9, and Title 49 CFR, Department of Transportation, Subtitle A, Office of the Secretary Part 21, and FTA Circular 4702.IB the MPO has developed procedures for prompt processing and disposition of the Title VI complaints. Any person believing the MPO has violated Title VI in the administration of its programs or activities may file a complaint with the MPO's Title VI Compliance Officer by telephone, fax, or in writing at the contacts shown above, or by email at [planning@countyofberks.com](mailto:planning@countyofberks.com). A link to the MPO's complete Title VI Complaint Procedures may be found at <http://www.co.berks.pa.us/Dept/Planning/Pages/RATSMetingSchedule.aspx>

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The contents of this report reflect the views of the authors who are responsible for the facts and the accuracy of the data presented herein. The contents do not necessarily reflect the official policies of either the U.S. Department of Transportation, Federal Highway Administration (FHWA), Federal Transit Administration (FTA) or the Commonwealth of Pennsylvania at the time of publication. This report does not constitute a standard, specification or regulation.

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# **Annual List of Obligated Projects for Federal Fiscal Year 2022**

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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, 2021 to September 30, 2022. 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 2022 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 2022**

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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. The obligated funds identified within this plan were programmed while the previous TIP was in effect. The previous TIP, effective October 1, 2020 through September 30, 2022, identified 128 projects totaling \$274.8 million for highway, bridge, and transit projects.

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. In July, 2017, RATS adopted a 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. An update to the Public Participation Plan will occur in 2023.

## **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 2022 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

# Annual List of Obligated Projects for Federal Fiscal Year 2022

SR – State Route number

SEC – the section of the route

Obligation\* FFY 2022 – the amount of obligated federal funds associated for the project during FFY 2022

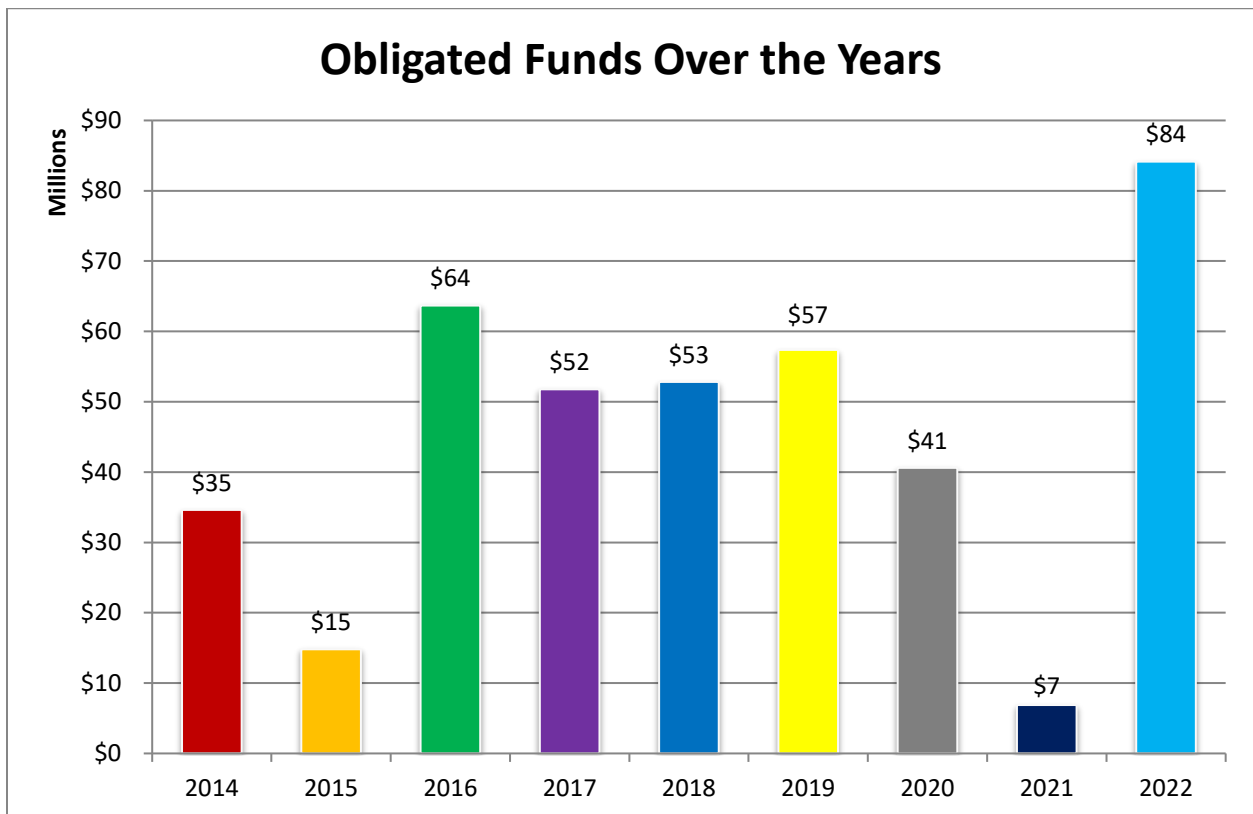
Prog. Total FFY 2021-2024 – the amount of money programmed on the TIP over the identified years for a project

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 2014 - 2022

The chart and table below show the obligation/deobligation amounts and the number of highway and bridge projects funded for Federal Fiscal Years 2014-2022. The total obligated funds for FFY 2022 were \$87,360,744 with deobligations totaling \$(3,214,244).

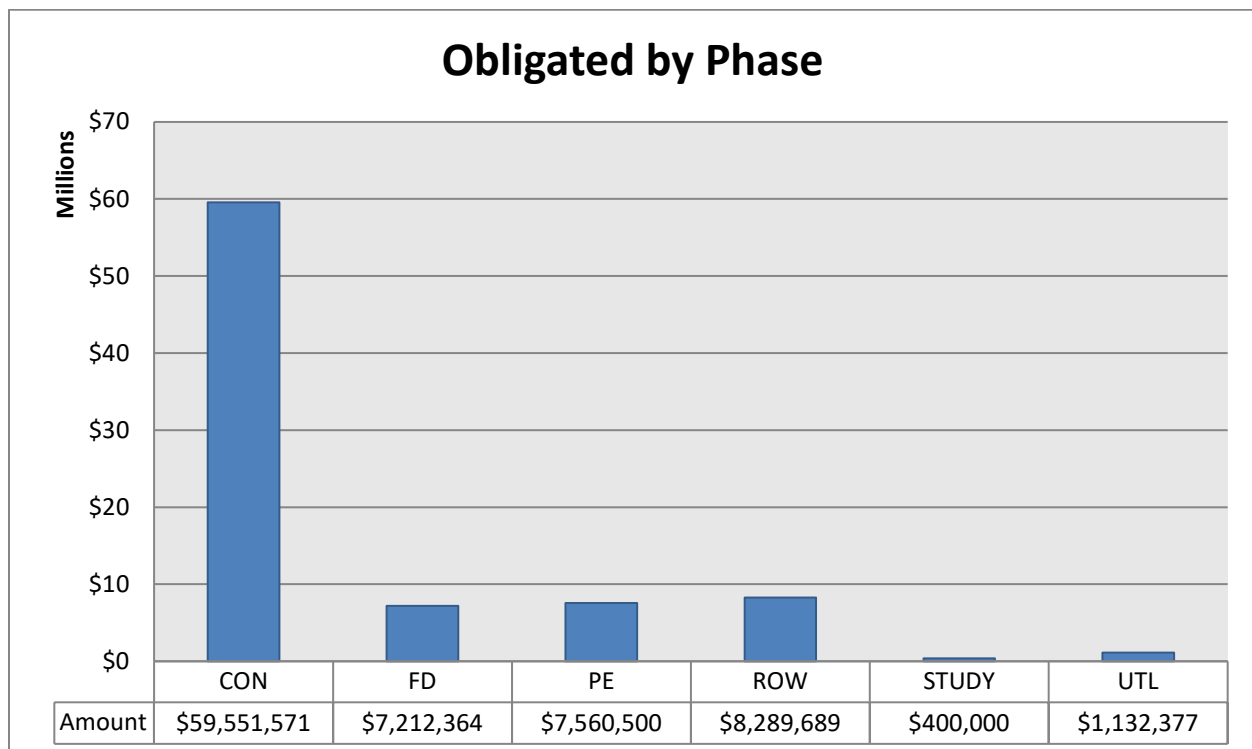


## Annual List of Obligated Projects for Federal Fiscal Year 2022

Year	Obligated Funds	Number of Projects
FFY 2014	\$34,624,159	65
FFY 2015	\$14,805,277	49
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

### Summary of Obligated Funds by Project Phase

The majority of highway and bridge obligated funds were for the Construction phase for projects in FFY 2022.



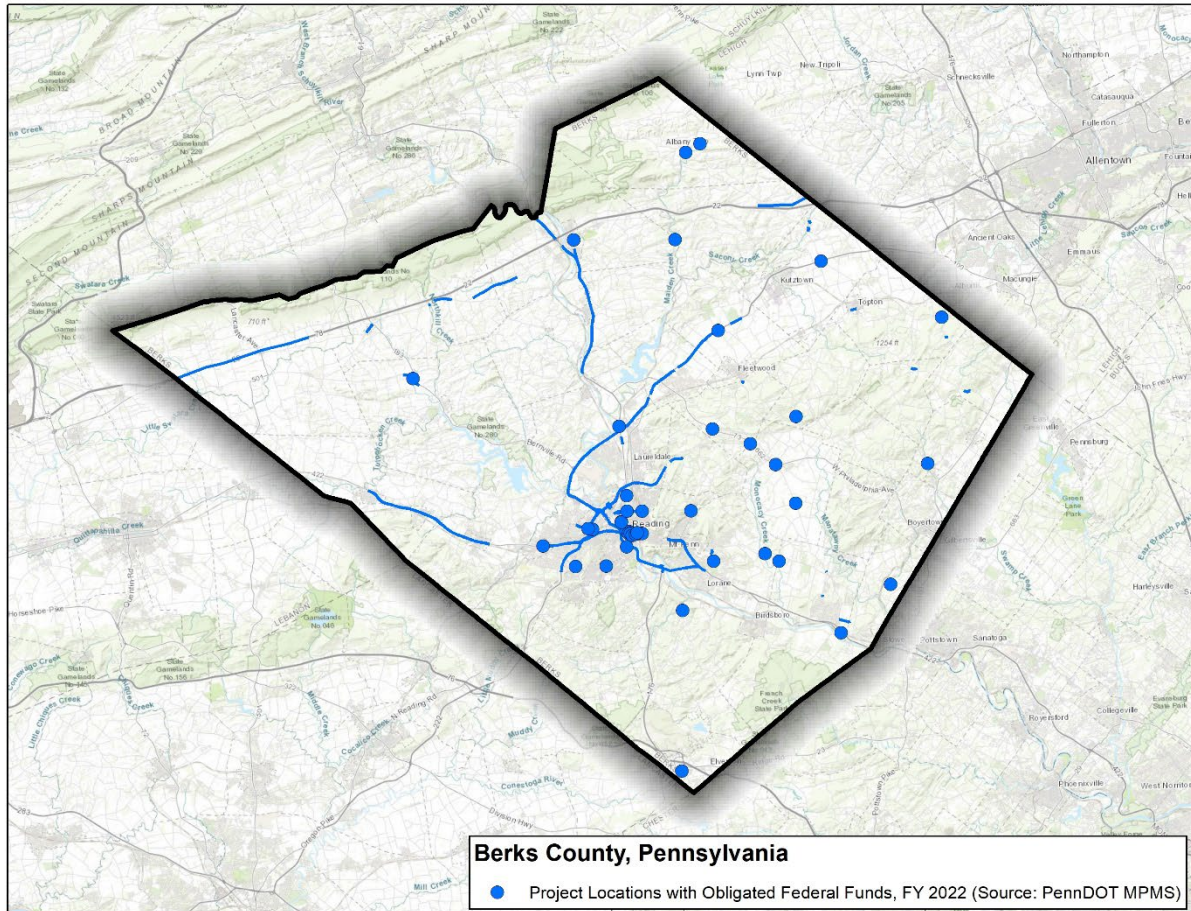
Phase	Obligated Amount	Number of Projects
CON	\$59,551,571	33
FD	\$7,212,364	9
PE	\$7,560,500	15
ROW	\$8,289,689	15
STUDY	\$400,000	1
UTL	\$1,132,377	5



# Annual List of Obligated Projects for Federal Fiscal Year 2022

## Project Locations

The map below identifies the distribution of mappable projects across Berks County that received Obligated Federal Funds in FFY 2022.



**FFY 2022 HIGHWAY AND BRIDGE ANNUAL LIST OF OBLIGATED PROJECTS**

<b>MPMS</b>	<b>PROJECT TITLE</b>	<b>PROJECT DESCRIPTION</b>	<b>PROJECT ADMINISTRATOR</b>	<b>PHASE</b>	<b>STATE ROUTE</b>	<b>OBLIGATION* FFY 2022</b>	<b>PROG. TOTAL FFY 2021-2024</b>	<b>FED FUNDS REMAINING</b>
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.  This project to be let with MPMS 109894 (SR 61 Bridge Rehabilitation).	PENNDOT	Right of Way	61	\$37,200	\$120,480	\$83,280
10579	Dreibelbis Covered Bridge	This project will involve replacement of abutments and deteriorated structural components, repair siding, and installing lighting to keep this historic bridge in a state of good repair and allow it to continue to carry vehicular traffic in Greenwich Township, Berks County.	PENNDOT	Construction	7215	\$(134,024)	\$0	\$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	\$1,580,607	\$1,942,410	\$361,803
10616	East Chestnut St over Branch of W. Swamp Creek	This project includes a bridge replacement on State Route 2032 (East Chestnut Street) over a branch of West Swamp Creek in Washington Township, Berks County.	PENNDOT	Construction	2032	\$956,264	\$1,240,000	\$283,736
10693	State Street Bridge over Mill Creek-Hamburg	This project involves the replacement of the bridge carrying SR 4028 (State Street) over Mill Creek in Hamburg Borough, Berks County.	PENNDOT	Final Design	4028	\$(42,799)	\$0	\$0
10740	Penn St Bridge	This project involves the rehabilitation of the Penn Street Bridge on Business 422 (State Route 3422) over the Schuylkill River in the City of Reading, Berks County.	PENNDOT	Construction	3422	\$(86,295)	\$0	\$0
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	Construction	1021	\$2,159,744	\$2,159,744	\$0
10753	Weavertown Road Bridge	This project involves a bridge replacement on State Route 2041 (Weavertown Road) over Monocacy Creek in Amity Township, Berks County.	PENNDOT	Utility	2041	\$8,912	\$32,960	\$24,048
10753	Weavertown Road Bridge	This project involves a bridge replacement on State Route 2041 (Weavertown Road) over Monocacy Creek in Amity Township, Berks County.	PENNDOT	Right of Way	2041	\$90,160	\$90,160	\$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 either the cancelation or completion of a project.



MPMS	PROJECT TITLE	PROJECT DESCRIPTION	PROJECT ADMINISTRATOR	PHASE	STATE ROUTE	OBLIGATION* FFY 2022	PROG. TOTAL FFY 2021-2024	FED FUNDS REMAINING
10753	Weavertown Road Bridge	This project involves a bridge replacement on State Route 2041 (Weavertown Road) over Monocacy Creek in Amity Township, Berks County.	PENNDOT	Construction	2041	\$3,280,624	\$3,280,624	\$0
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	\$1,512,000	\$1,512,000	\$0
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	Right of Way	61	\$1,257,840	\$1,257,840	\$0
57840	SR 183/4016 (Schaeffers)	This project involves intersection improvements at SR 183 (Bernville Road) and SR 4016 (New Schaefferstown Road), which will include an auxillary right turn lane and signal in order to improve safety and reduce crashes in Jefferson Township, Berks County.	PENNDOT	Final Design	183	\$(180,000)	\$0	\$0
57840	SR 183/4016 (Schaeffers)	This project involves intersection improvements at SR 183 (Bernville Road) and SR 4016 (New Schaefferstown Road), which will include an auxillary right turn lane and signal in order to improve safety and reduce crashes in Jefferson Township, Berks County.	PENNDOT	Right of Way	183	\$(14,633)	\$0	\$0
61972	US 222 Widening	This project involves the widening of US Route 222 from Schaeffer Road to the Kutztown Bypass in Richmond, Maiden creek 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	\$5,120,000	\$5,120,000	\$0
61972	US 222 Widening	This project involves the widening of US Route 222 from Schaeffer Road to the Kutztown Bypass in Richmond, Maiden creek 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	Right of Way	222	\$4,694,624	\$5,194,624	\$500,000

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MPMS	PROJECT TITLE	PROJECT DESCRIPTION	PROJECT ADMINISTRATOR	PHASE	STATE ROUTE	OBLIGATION* FFY 2022	PROG. TOTAL FFY 2021-2024	FED FUNDS REMAINING
69991	Bridge Review Asst RATS	Bridge Project Management Bridge replacement/rehabilitation contract with engineering firm to assist with management of bridge projects in Berks County.	PENNDOT	Preliminary Engineering	100	\$(120,662)	\$0	\$0
70274	River Road Extension	<p>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.</p> <p>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.</p>	CITY OF READING	Utility	183	\$(200,000)	\$250,000	\$0

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MPMS	PROJECT TITLE	PROJECT DESCRIPTION	PROJECT ADMINISTRATOR	PHASE	STATE ROUTE	OBLIGATION* FFY 2022	PROG. TOTAL FFY 2021-2024	FED FUNDS REMAINING
72814	West Shore (US 422) Reconstruction Phase 2	<p>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.</p> <p>Construction commencement of phase 2 is undetermined at this time due to fiscal constraint/resources.</p>	PENNDOT	Preliminary Engineering	422	\$5,365,885	\$5,365,888	\$3
76614	Penn St Crosswalks	Installation of two crosswalks at 2nd & 3rd Streets on Penn Street in the City of Reading, Berks County.	PENNDOT	Construction		\$147,974	\$147,974	\$0
79086	Green Hills Road over Allegheny Creek	This project involves the bridge replacement of State Route 568 (Green Hills Road) over Allegheny Creek in Robeson Township, Berks County.	PENNDOT	Construction	568	\$1,860,160	\$1,860,160	\$0
79467	SR 12 Elizabeth Avenue	<p>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.</p> <p>The proposed corridor improvements include shoulder widening, utility relocation, embankment removal to improve curve sight distance, and super elevate curves.</p> <p>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.</p>	PENNDOT	Preliminary Engineering	12	\$53,725	\$1,000,000	\$946,275
85637	SR 1010 over Swabia Creek	Bridge replacement on State Street (State Route 1010) over Swabia Creek in Longswamp Township, Berks County.	PENNDOT	Right of Way	1010	\$(265)	\$0	\$0

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MPMS	PROJECT TITLE	PROJECT DESCRIPTION	PROJECT ADMINISTRATOR	PHASE	STATE ROUTE	OBLIGATION* FFY 2022	PROG. TOTAL FFY 2021-2024	FED FUNDS REMAINING
85648	Stoney Run Valley Road over Maiden Creek	This project involves the bridge replacement of State Route 1018 (Stoney 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	Final Design	1018	\$278,460	\$360,000	\$81,540
85648	Stoney Run Valley Road over Maiden Creek	This project involves the bridge replacement of State Route 1018 (Stoney 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	Right of Way	1018	\$17,104	\$17,104	\$0
85668	SR 562 ovr Monocacy Creek	This project involves a bridge replacement / rehabilitation on SR 0562 (Boyertown Pike) over Monocacy Creek in Exeter Township, Berks County.	PENNDOT	Preliminary Engineering	562	\$(76,392)	\$0	\$0
87688	SR 422 in Sinking Spring	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.	PENNDOT	Right of Way	422	\$1,799,520	\$1,799,520	\$0
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	Final Design	12	\$7,184	\$35,280	\$28,096
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	Utility	12	\$172,096	\$172,096	\$0
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	\$5,302,668	\$5,422,946	\$120,278
88792	SR 61 and Tuckerton Road	Intersection improvements at State Route 61 and Tuckerton Road including signal upgrades and additional turning lanes to improve safety and reduce congestion in Muhlenberg Township, Berks County.	PENNDOT	Right of Way	61	\$(147,185)	\$0	\$0

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MPMS	PROJECT TITLE	PROJECT DESCRIPTION	PROJECT ADMINISTRATOR	PHASE	STATE ROUTE	OBLIGATION* FFY 2022	PROG. TOTAL FFY 2021-2024	FED FUNDS REMAINING
88792	SR 61 and Tuckerton Road	Intersection improvements at State Route 61 and Tuckerton Road including signal upgrades and additional turning lanes to improve safety and reduce congestion in Muhlenberg Township, Berks County.	PENNDOT	Construction	61	\$(125,034)	\$0	\$0
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		\$9,975	\$85,000	\$75,025
89215	PA 12 West Resurface- 422 WB Ramps to SR 183	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.	PENNDOT	Utility	12	\$57,104	\$545,140	\$488,036
89215	PA 12 West Resurface- 422 WB Ramps to SR 183	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.	PENNDOT	Construction	12	\$8,420,539	\$8,458,805	\$38,266
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	Final Design	222	\$227,227	\$337,892	\$110,665
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	Right of Way	222	\$1,200,000	\$1,200,000	\$0
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	Preliminary Engineering	183	\$68,222	\$68,224	\$2
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	Final Design	183	\$153,664	\$308,336	\$154,672

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91658	TOC Operator-Berks	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.	PENNDOT	Construction	78	\$(48,677)	\$564,126	\$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	Final Design	2023	\$136,628	\$136,628	\$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	Construction	2057	\$1,013,184	\$1,119,984	\$106,800
92411	SR 222 & 662 Intersection	This project involves construction of a roundabout on State Route 222 and 662 to improve safety and reduce congestion in Richmond Township, Berks County.	PENNDOT	Right of Way	222	\$(108,866)	\$0	\$0
92414	SR 222_73 & Genesis Drive	<p>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.</p> <p>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 Maiden creek Township, Berks County.</p>	PENNDOT	Utility	222	\$1,094,265	\$1,094,265	\$0

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MPMS	PROJECT TITLE	PROJECT DESCRIPTION	PROJECT ADMINISTRATOR	PHASE	STATE ROUTE	OBLIGATION* FFY 2022	PROG. TOTAL FFY 2021-2024	FED FUNDS REMAINING
92414	SR 222_73 & Genesis Drive	<p>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.</p> <p>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 Maiden creek Township, Berks County.</p>	PENNDOT	Construction	222	\$424,716	\$3,955,932	\$3,531,216
92921	SR 73/662 Corridor Safety	This project involves construction of a 4-leg single lane roundabout at both intersections of State Route 73 and 662 in Oley Township, Berks County.	PENNDOT	Construction	73	\$(472,131)	\$0	\$0
94857	422 Resurf-419-Wernersville	Resurfacing to State Route 422 from State Route 419 to Wernersville Borough Line. Additional work includes Mill, pave, base repair, ADA compliant curb ramps, and multiple signalized intersections in Heidelberg Township; Robesonia Borough; Lower Heidelberg Township; South Heidelberg Township, Wernersville Borough, Berks County.	PENNDOT	Preliminary Engineering	422	\$(21,103)	\$0	\$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	\$510,300	\$1,019,389	\$509,089

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96373	PA 61 Restoration Phase 1	<p>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 &amp; 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.</p> <p>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.</p>	PENNDOT	Right of Way	61	\$81,040	\$81,040	\$0
96376	Shoemaker Ave/Pottsville Pike Restoration	This project involves highway restoration of Shoemaker Avenue/Pottsville Pike (SR 61) from Indian Manor Drive to Zion's Church Road in Shoemakersville Borough, Ontelaunee and Perry Townships, Berks County.	PENNDOT	Right of Way	61	\$(430,061)	\$0	\$0
96377	Bus 422 Resurface	The proposed roadway improvements for this project within Mt. Penn Borough include full depth pavement reconstruction, milling and overlay of the existing pavement, and curb and sidewalk replacements. Throughout Exeter Township, a center turn lane will be added to the roadway footprint. Inlets will be added, removed and/or replaced throughout the sections of full depth reconstruction and the Exeter Township center turn lane. Curb ramps will be updated to meet current ADA standards. Signing and sign lighting improvements and traffic signal retiming related to ADA curb ramp construction (pedestrian push buttons, junction box replacement, etc.) will be included in the project as well. The retiming will address pedestrian crossing and ADA requirements but not affect other signals.	PENNDOT	Right of Way	2021	\$(171,920)	\$0	\$0
97258	SR 61 Med Barrier - Perry Wind	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.	PENNDOT	Preliminary Engineering	61	\$(45,318)	\$0	\$0

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MPMS	PROJECT TITLE	PROJECT DESCRIPTION	PROJECT ADMINISTRATOR	PHASE	STATE ROUTE	OBLIGATION* FFY 2022	PROG. TOTAL FFY 2021-2024	FED FUNDS REMAINING
102162	SR 2014 (Spring St) Corridor Improvements	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	Construction	2014	\$3,003,270	\$3,067,179	\$63,909
103141	Hartz Mill Bridge	This project involves the replacement / rehabilitation of the Hartz Mill Bridge on Mill Road (State Route 7207) over the Conestoga Creek in Caernarvon Township, Berks County.	PENNDOT	Preliminary Engineering	7207	\$(25,063)	\$0	\$0
103141	Hartz Mill Bridge	This project involves the replacement / rehabilitation of the Hartz Mill Bridge on Mill Road (State Route 7207) over the Conestoga Creek in Caernarvon Township, Berks County.	PENNDOT	Right of Way	7207	\$(14,870)	\$0	\$0
103884	Gibraltar Road Bridge	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.	PENNDOT	Construction	7214	\$1,718,096	\$1,718,096	\$0
105954	State Hill Rd from Colony Dr. to SR 222 SB Ramps	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	Preliminary Engineering	3023	\$850,000	\$850,000	\$0
105963	Route 662 and Oley Turnpike Intersection	Construct a roundabout at the intersection of State Route 622 (Memorial Highway) and State Route 2020 (Oley Turnpike Road).	PENNDOT	Study	662	\$400,000	\$400,000	\$0
106140	Reading NS RRX Corridor	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.	PENNDOT	Construction	2006	\$280,349	\$1,185,828	\$905,479
106496	222 Slab Stabilization	This project involves slab stabilization as well as bridge resurfacing and repairs on ten structures located on US Route 222 between the Schuylkill River and US Route 422 in Spring, Bern, Muhlenberg Townships and Wyomissing Borough, Berks County.	PENNDOT	Construction	222	\$(114,698)	\$0	\$0

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MPMS	PROJECT TITLE	PROJECT DESCRIPTION	PROJECT ADMINISTRATOR	PHASE	STATE ROUTE	OBLIGATION* FFY 2022	PROG. TOTAL FFY 2021-2024	FED FUNDS REMAINING
109788	222 SB Auxiliary Lane	This project will eliminate the tapers and widen southbound US Route 222 to connect the southbound on-ramp at Broadcasting Road to the southbound off-ramp onto westbound US Route 422 at Berkshire Boulevard in Spring Township and Wyomissing Borough, Berks County.	PENNDOT	Preliminary Engineering	222	\$361	\$0	\$(361)
109788	222 SB Auxiliary Lane	This project will eliminate the tapers and widen southbound US Route 222 to connect the southbound on-ramp at Broadcasting Road to the southbound off-ramp onto westbound US Route 422 at Berkshire Boulevard in Spring Township and Wyomissing Borough, Berks County.	PENNDOT	Construction	222	\$(79,425)	\$0	\$0
109991	District 5 AWPM Berks 2019	This project involves the installation and maintenance of all-weather pavement markings (AWPM) at various locations within the planning region.	PENNDOT	Construction	78	\$(52,602)	\$0	\$0
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	\$14,665,341	\$14,665,341	\$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	Preliminary Engineering	222	\$480,000	\$798,624	\$318,624

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MPMS	PROJECT TITLE	PROJECT DESCRIPTION	PROJECT ADMINISTRATOR	PHASE	STATE ROUTE	OBLIGATION* FFY 2022	PROG. TOTAL FFY 2021-2024	FED FUNDS REMAINING
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	\$8,669,610	\$8,669,610	\$0
110010	US 422 Business Resurface	This project involves the roadway resurface (concrete patching and bituminous overlay) / bridge preservation of SR 3422 (Business 422- Penn Avenue) from Route 422 to Shillington Road, guide rail, curb ramps, pavement markings and bridge work in Spring Township and Sinking Spring, Wyomissing and West Reading Boroughs, Berks County.	PENNDOT	Construction	3422	\$(88,955)	\$0	\$0
110082	SR 4040 Old Route 22 - Tulpehocken	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.	PENNDOT	Construction	4040	\$2,630,831	\$2,630,831	\$0
110206	Gibraltar and Shelbourne Intersection	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.	PENNDOT	Construction	2033	\$892,832	\$964,932	\$72,100
110247	Glendale Bridge	This project consists of complete replacement of the Glendale Bridge that carries Winding Road over Ironstone Creek in Douglass Township, Berks County.	PENNDOT	Construction	7212	\$(235,083)	\$1,650,000	\$0
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	\$1,420,515	\$1,420,515	\$0
113221	SR 4028 Resurface Krumsville Rd to Old 22	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.	PENNDOT	Construction	4028	\$1,770,006	\$2,729,500	\$959,494
114388	RATS High Friction Surface 2021	This project involves application of a high friction surface treatment to various identified locations within Berks County.	PENNDOT	Construction	2049	\$(178,183)	\$809,869	\$0
115858	Tropical Isaias DF Emergency Response_Berks	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	\$123,048	\$0	\$(123,048)

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116746	Low Cost Signal Upgrades - RATS	The project consists of adding retroreflective backplates and increasing signal head size from 8" to 12" lens at urban intersections in Berks County for safety and the reduction of crashes.	PENNDOT	Preliminary Engineering	422	\$7,500	\$7,500	\$0
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	\$912,000	\$912,000	\$0
117927	RATS Systemic Safety Improvements	This district-wide design build project involves implementing low-cost safety systemic countermeasures to address lane departure sites on curves in various locations in Berks County. This project will be grouped under MPMS # 117823 (Lehigh Valley sites in Lehigh and Northampton counties) and with MPMS #117861 (Northeastern Pennsylvania sites in Carbon, Monroe and Schuylkill counties).	PENNDOT	Preliminary Engineering	1021	\$101,370	\$101,370	\$0
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	\$336,000	\$336,000	\$0

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**FFY 2022 TRANSIT ANNUAL LIST OF OBLIGATED PROJECTS FOR BERKS AREA REGIONAL TRANSPORTATION AUTHORITY (BARTA)**

<u>MPMS</u>	<u>PROJECT TITLE</u>	<u>PROJECT DESCRIPTION</u>	<u>FEDERAL FUND CATEGORY</u>	<u>FEDERAL PROGRAMMED AMOUNT 2017-2018</u>	<u>FEDERAL PROGRAMMED AMOUNT 2019-2020</u>	<u>FEDERAL PROGRAMMED AMOUNT 2021-2024</u>	<u>FEDERAL FUNDS PRIOR OBLIGATION</u>	<u>FFY 2022 OBLIGATION</u>	<u>FEDERAL FUNDS REMAINING</u>
102301	BARTA Capital Improvements IT Equipment	Funds the purchase of computer hardware and software to support the implementation of a replacement Fleet Maintenance Management Software System capable of storing, managing and providing reports pertaining to vehicle and facility maintenance.	5307	\$0	\$360,000	\$0	\$208,670	\$48,345	\$102,985
102302	BARTA Facility Improvement(1)	Funds the design and rehabilitation of the PNT Parking Garage Expansion Joints and the BARTA Transportation Center (BTC) bus lane and parking garage ceiling. Additional funds provided to support the replacement and upgrade of the BTC lighting and additional BTC infrastructure .	5307	\$3,380,000	\$1,847,565	\$0	\$4,833,183	\$89,094	\$305,288
106742	Purchase Office Equipment	Upgrade and replace office equipment, furniture, and copiers that have exceeded their useful life and to support improved office operations.	5307	\$0	\$12,000	\$0	\$8,293	\$3,707	\$0
110614	Transit Development Plan Update	Transit Development Plan Update	5307	\$0	\$0	\$100,000	\$0	\$97,942	\$2,058
114357	Replace Communications Equipment	Replace Communications Equipment in buses	5307	\$0	\$0	\$200,000	\$0	\$115,445	\$84,555
114372	Paratransit Van Purchase	Purchase 4 Ford E450 Shared-ride vans to replace 2016 paratransit vehicles that have reached the end of their useful service life.	5307	\$0	\$0	\$900,471	\$0	\$246,518	\$653,953
114374	Vehicle Replacement 21-22	Funds replacement of two 2009 fixed route buses that reached the end of their useful service life.	CMAQ	\$0	\$0	\$900,000	\$0	\$900,000	\$0
114374	Vehicle Replacement 21-22	Funds replacement of three 2009 fixed route bus that has reached the end of its useful service life.	5307	\$0	\$0	\$1,655,436	\$0	\$1,016,858	\$638,578
114374	Vehicle Replacement 21-22	Provided partial funding for the replacement of one 2009 fixed route bus that has reached the end of its useful service life.	5339	\$0	\$0	\$424,564	\$0	\$406,994	\$17,570
114375	Facility Improvement Program	Funds the preliminary design for the replacement of an underground diesel fuel tank and the purchase of communications support equipment.	5307	\$0	\$0	\$856,000	\$85,502	\$689,538	\$80,960
114384	Purchase Office Equipment	Upgrade and replace office equipment, furniture, and copiers that have exceeded their useful life and to support improved office operations.	5307	\$0	\$0	\$17,600	\$0	\$5,062	\$12,538
<b>TOTAL FUNDS OBLIGATED IN FFY 2022</b>								<b>\$3,619,504</b>	

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.

Federal Funds Prior Obligation includes funds from the FFY 2017-2020 TIP and federal funds obligated in FFY 2021.

<b>Funding Sources:</b>	5307	Federal - Urbanized Area Formula Program
	5339	Federal - Bus and Bus Facilities Program
	CMAQ	Federal - Congestion Mitigation/Air Quality Program