

Reading Area Transportation Study

ANNUAL LIST OF OBLIGATED PROJECTS FOR FEDERAL FISCAL YEAR 2021

December, 2021



Annual List of Obligated Projects for Federal Fiscal Year 2021

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, 2020 to September 30, 2021. 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 2021 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 2040. 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

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as projects that would impact transportation needs in the county. The most recently adopted TIP (FFY 2021-2024, locally approved July 16, 2020) was approved by FHWA/FTA on September 28, 2020. The TIP lists 128 projects totaling \$274.8 million for highway, bridge, and transit projects over the four-year period from 2021 to 2024.

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](https://gis.penndot.gov/OneMap) 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.

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 2021 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

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Obligation* FFY 2021 – the amount of obligated federal funds associated for the project during FFY 2021

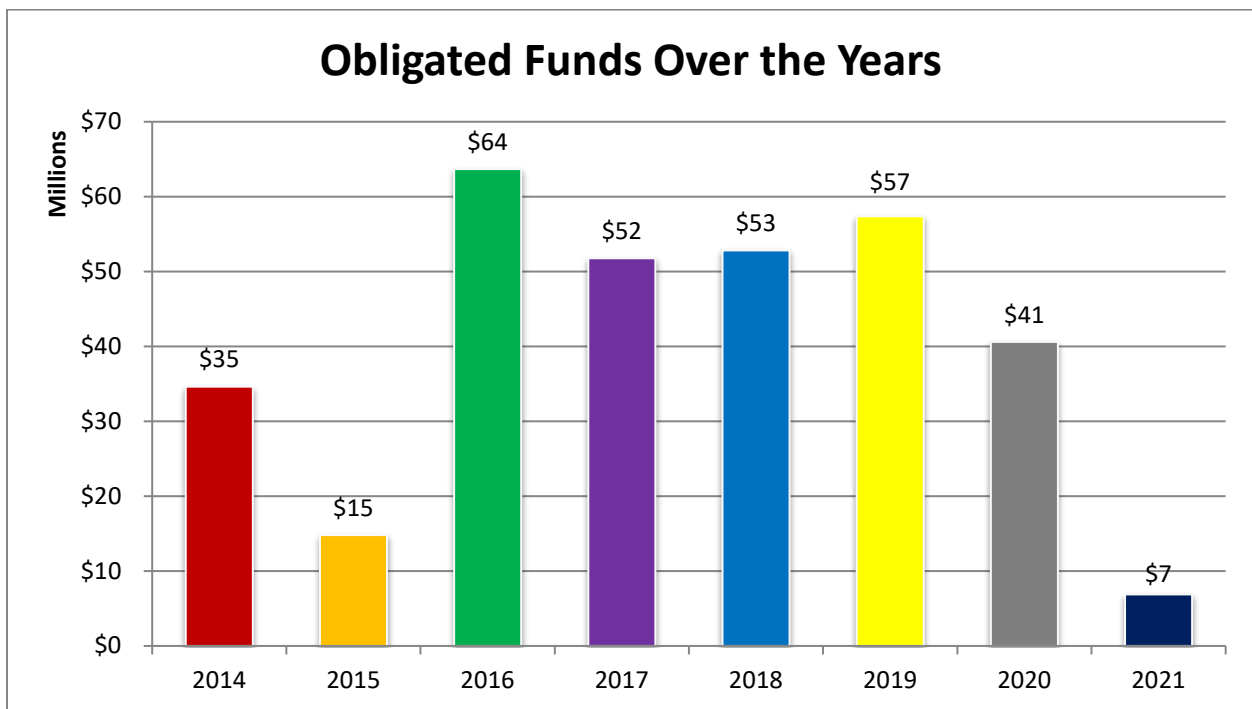
Prog. Total FFY 2021-2024 – the amount of money programmed on the TIP over the identified years for a project

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 - 2021

The chart and table below show the obligation/deobligation amounts and the number of highway and bridge projects funded for Federal Fiscal Years 2014-2021. The total obligated funds for FFY 2021 were \$11,983,142 with deobligations totaling \$(5,100,755).

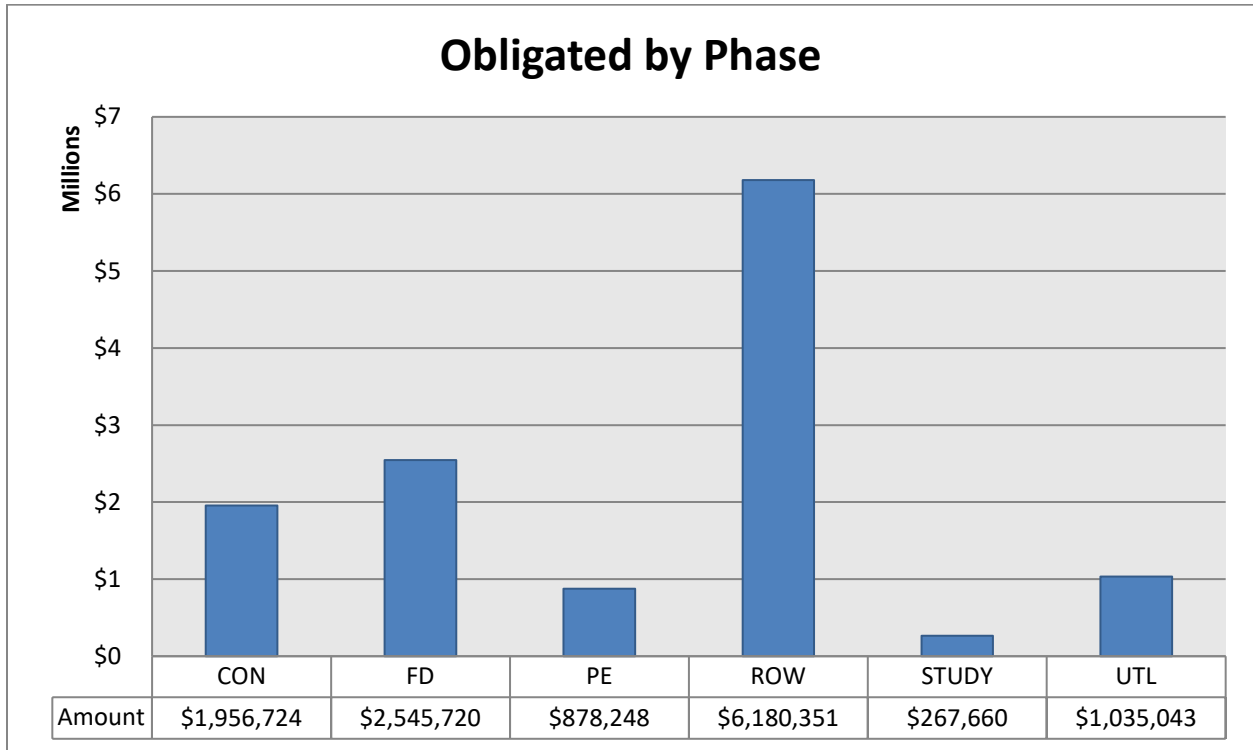


Year	Obligated Funds	Number of Projects
FFY 2014	\$34,624,159	65
FFY 2015	\$14,805,277	49
FFY 2016	\$63,679,793	56
FFY 2017	\$51,770,076	65
FFY 2018	\$52,822,224	58
FFY 2019	\$57,373,838	63
FFY 2020	\$40,603,657	57
FFY 2021	\$6,882,387	53

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Summary of Obligated Funds by Project Phase

The majority of highway and bridge obligated funds were for the Final Design phase for projects in FFY 2021.

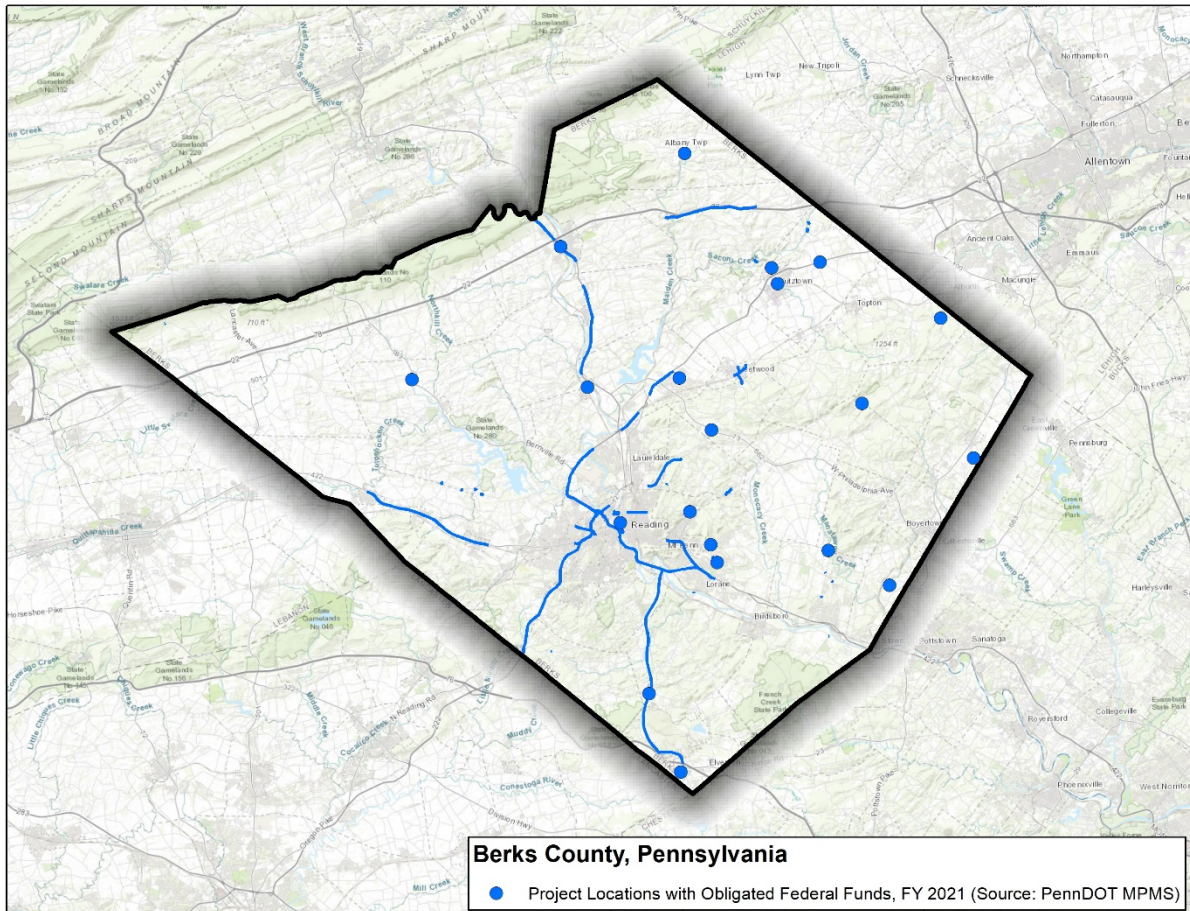


Phase	Obligated Amount	Number of Projects
CON	\$1,956,724	24
FD	\$2,545,720	16
PE	\$878,248	10
ROW	\$198,993	4
STUDY	\$267,660	1
UTL	\$1,035,043	7

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Project Locations

The map below identifies the distribution of mappable projects across Berks County that received Obligated Federal Funds in FFY 2021.



FFY 2021 HIGHWAY AND BRIDGE ANNUAL LIST OF OBLIGATED PROJECTS

MPMS	PROJECT TITLE	PROJECT DESCRIPTION	PROJECT ADMINISTRATOR	PHASE	STATE ROUTE	OBLIGATION *FFY 2021	PROG. TOTAL FFY 2021 TO 2024	FED FUNDS REMAINING
97838	Construction Assistance	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		\$82,089	\$266,415	\$184,326
107978	Schuylkill River Trail N Gap Improvement Project	Trail segment for the Schuylkill River Trail through Reading from Reading Area Community College to Buttonwood Street Front Street beginning at RACC along River Road to the Buttonwood Street Bridge, City of Reading, Berks County	PENNDOT	Construction		\$910,099	\$939,927	\$29,828
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		\$40,000	\$75,000	\$35,000
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 (SR 12) and Blandon Road (SR 73) in Ruscombmanor Township, Berks County.	PENNDOT	Final Design	12	\$28,096	\$28,096	\$0
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 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.	PENNDOT	Final Design	12	\$42,852	\$42,852	\$0
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 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.	PENNDOT	Utility	12	\$488,036	\$488,036	\$0
79467	SR 12 Elizabeth Avenue	This project involves safety improvements along the State Route 12 corridor from Hill View Road/Elizabeth Avenue to Skyline Drive in Alsace Township, Berks County. The proposed improvements include shoulder widening, utility relocation and the addition of left turn lanes. Roundabout at SR 12 and Hill View Road / Elizabeth Avenue and a traffic signal with realignment of Skyline Drive at State Route 12.	PENNDOT	Preliminary Engineering	12	\$54,625	\$54,625	\$0

MPMS	PROJECT TITLE	PROJECT DESCRIPTION	PROJECT ADMINISTRATOR	PHASE	STATE ROUTE	OBLIGATION *FFY 2021	PROG. TOTAL FFY 2021 TO 2024	FED FUNDS REMAINING
109894	SR 61 Bridge Rehabilitation	This project involves the rehabilitation of the bridge on State Route 61 over SR 4028 (West State Street), the Schuylkill River and Reading Northern Railroad in the Borough of Hamburg and Tilden Township, Berks County.	PENNDOT	Final Design	61	\$753,364	\$753,364	\$0
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 to south end of the bridge over the Reading Blue Mountain & Northern 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	Final Design	61	\$741,984	\$741,984	\$0
10328	PA 61 Restoration Phase 2A	Highway restoration of State Route (SR) 61 from 4th Street to the SR 4028/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 RBMN bridge and the SR 61 over Mill Creek bridge, and the replacement of the SR 61 over Kaerchers Creek bridge.	PENNDOT	Final Design	61	\$759,904	\$759,904	\$0
10328	PA 61 Restoration Phase 2A	Highway restoration of State Route (SR) 61 from 4th Street to the SR 4028/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 RBMN bridge and the SR 61 over Mill Creek bridge, and the replacement of the SR 61 over Kaerchers Creek bridge.	PENNDOT	Right of Way	61	\$83,280	\$120,480	\$37,200
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	\$266,944	\$564,126	\$297,182
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	\$154,672	\$154,672	\$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	Utility	183	\$40,000	\$40,000	\$0

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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	\$250,000	\$250,000	\$0
92414	SR 222_73 & Genesis Dr	This project involves intersection improvements at the intersection of US Route 222 and State Route 73, including additional turn lanes and signal improvements. The intersections of US Route 222 and Tamarack / Genesis Drive and US Route 222 and Schaeffer Road will each receive a roundabout to improve safety and reduce congestion in Maidencreek Township, Berks County.	PENNDOT	Construction	222	\$2,711,521	\$5,859,399	\$3,147,878
90569	SR 222 & Long Lane	This project involves the construction of a roundabout on US Route 222 and Long Lane to improve safety and reduce congestion in Maxatawny Township, Berks County.	PENNDOT	Final Design	222	\$110,665	\$110,665	\$0

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90569	SR 222 & Long Lane	This project involves the construction of a roundabout on US Route 222 and Long Lane to improve safety and reduce congestion in Maxatawny Township, Berks County.	PENNDOT	Utility	222	\$160,000	\$171,040	\$11,040
110008	222 SB Auxiliary Lane- Wyomissing	This project involves the addition of an auxiliary lane along US Route 222 Southbound between Paper Mill Road and the US Routes 222 and 422 Interchanges in Wyomissing Borough, Berks County. The project begins where Berkshire Boulevard passes over US Route 222 and continues up and around the hard curve to the Paper Mill Road exit. Due to increasing capacity, noise study mitigation results to be determined. Project also includes preventative maintenance measures to the bridge spanning Crossing Drive and concrete patching and resurfacing on adjacent section of roadway.	PENNDOT	Preliminary Engineering	222	\$318,624	\$318,624	\$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	Final Design	222	\$154,960	\$154,960	\$0
114354	RATS AWPM - 2021	Installation of all weather pavement markings on various state routes in various municipalities in Berks County.	PENNDOT	Construction	222	\$475,809	\$875,809	\$400,000
85648	Stoney Run Valley Road over Maiden Crk	This project involves the bridge rehabilitation / replacement of State Route 1018 (Stony Run Valley Road) over Maiden Creek in Albany Township, Berks County.	PENNDOT	Preliminary Engineering	1018	\$175,332	\$175,332	\$0
102162	SR 2014 (Spring St) Corridor Improvements	This project involves corridor improvements to the entire length of SR 2014 (Spring Street) from Centre Avenue (SR 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	\$136,626	\$136,626	\$0

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102162	SR 2014 (Spring St) Corridor Improvements	This project involves corridor improvements to the entire length of SR 2014 (Spring Street) from Centre Avenue (SR 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	Right of Way	2014	\$177,000	\$177,000	\$0
91932	Carsonia Avenue over Antietam Creek	This project involves bridge replacement on SR 2023-01B (Friedensburg Road) over Antietam Creek in Lower Alsace Township, Berks County.	PENNDOT	Utility	2023	\$60,000	\$61,800	\$1,800
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	Utility	2033	\$16,000	\$20,600	\$4,600
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	\$409,869	\$809,869	\$400,000
105954	SR 3023 State Hill Road Safety Improvements	Corridor safety improvements along SR 3023 (State Hill Road) in Wyomissing Borough. Improvements to be considered to include widening, access management and traffic signal updates and coordination to be determined upon completion of the study.	PENNDOT	Study	3023	\$267,660	\$267,660	\$0
110017	Alleghenyville Road (SR 3024) over I-176	This project involves the rehabilitation / replacement of the bridge on State Route 3024 (Alleghenyville Road) over Interstate 176 in Robeson Township, Berks County.	PENNDOT	Preliminary Engineering	3024	\$585,224	\$585,224	\$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	Utility	7207	\$21,007	\$21,007	\$0
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	\$1,483,684	\$1,650,000	\$166,316
102959	Peach Street Bridge	This project involves the replacement of the Peach Street Bridge on State Route 7410 (East Normal Avenue) over Sacony Creek in the Borough of Kutztown, Berks County.	PENNDOT	Final Design	7410	\$23,216	\$23,216	\$0

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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)	\$0	\$0
106483	SR 12 Median Barrier	Installation of a median barrier along SR 12 in Muhlenberg Township from approximately 1/2 mile west of Spring Valley Road interchange to the Muhlenberg/Alsace Township line in Berks County.	PENNDOT	Preliminary Engineering	12	\$(3,389)	\$0	\$0
106483	SR 12 Median Barrier	Installation of a median barrier along SR 12 in Muhlenberg Township from approximately 1/2 mile west of Spring Valley Road interchange to the Muhlenberg/Alsace Township line in Berks County.	PENNDOT	Construction	12	\$(74,655)	\$0	\$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	Construction	61	\$(961,373)	\$0	\$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	Preliminary Engineering	61	\$(120,737)	\$0	\$0
104435	I-176 Median Barrier	This project will install Median Guiderail along Interstate 176 from the Turnpike Interchange to the 724 Interchange in New Morgan Borough, Caernarvon Township, Robeson Township, and Cumru Township, Berks County.	PENNDOT	Preliminary Engineering	176	\$(20,312)	\$0	\$0
104435	I-176 Median Barrier	This project will install Median Guiderail along Interstate 176 from the Turnpike Interchange to the 724 Interchange in New Morgan Borough, Caernarvon Township, Robeson Township, and Cumru Township, Berks County.	PENNDOT	Construction	176	\$(321,543)	\$0	\$0
10825	Schuylkill Ave (OSA) Br	Rehabilitation of an open spandrel arch bridge that carries Schuylkill Avenue (State Route 183) over the Schuylkill River in the City of Reading, Berks County.	PENNDOT	Final Design	183	\$(78)	\$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 auxiliary right turn lane and signal in order to improve safety and reduce crashes in Jefferson Township, Berks County.	PENNDOT	Construction	183	\$(110,597)	\$0	\$0
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	\$(49,386)	\$0	\$0

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81743	Route 222/422 Urban ITS	This project involves installation of closed circuit television cameras (CCTV) and variable message boards (VMS) along State Routes 222 and 422 along the West Shore Bypass from the City of Reading to Business 422 in Exeter Township, Berks County.	PENNDOT	Construction	222	\$(155,073)	\$0	\$0
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	Preliminary Engineering	222	\$(101,733)	\$0	\$0
94857	422 Resurf-419-Wernrsvile	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	Construction	422	\$(528,558)	\$0	\$0
10951	Shelbourne Rd Jug SW	Intersection improvement, construction of jughandle in the SW Quadrant - Intersection of State Route 2033/State Route 422 in Exeter Township, Berks County.	PENNDOT	Right of Way	422	\$(23,000)	\$0	\$0
85667	SR 562 ovr Manatawny Crk	This project involves a bridge replacement / rehabilitation on SR 562 (Boyertown Pike) over Manatawny Creek in Amity Township, Berks County.	PENNDOT	Construction	562	\$(67,771)	\$0	\$0
82021	562_Shelbourne_Oley Int	Intersection improvements including signal upgrades and the addition of turning lanes at Shelbourne Road with Oley Turnpike and the Boyertown Pike in Exeter Township, Berks County.	PENNDOT	Final Design	562	\$(87,035)	\$0	\$0
88385	Fleetwood Rdway Restore	This project involves roadway restoration on State Route 662 from Jackson Street to Vine Street and on State Route 1010 from North Chestnut Street to East Arch Street in the Borough of Fleetwood, Berks County.	PENNDOT	Construction	662	\$(453,515)	\$0	\$0
109992	RATS High Friction Surface 2019	This project involves application of a high friction surface treatment to various identified locations within Berks County.	PENNDOT	Construction	662	\$(29,457)	\$0	\$0
92028	SR 737 /trib Sacony Creek	This project involves a bridge replacement on SR 737 (Krumsville Road) over a tributary of Sacony Creek in Maxatawny Township, Berks County.	PENNDOT	Construction	737	\$(3)	\$0	\$0
79012	SR 1003 ovr Schuylkill Rv	This project involves bridge replacement / rehabilitation on Wall Street (State Route 1003) over the Schuylkill River in Leesport Borough, Berks County.	PENNDOT	Final Design	1003	\$(50,000)	\$0	\$0
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	\$(38,287)	\$0	\$0
79008	SR 1026 Bridge Pike Twp.	This project involves a bridge replacement/rehabilitation on SR 1026 over Pine Creek in Pike Township, Berks County.	PENNDOT	Final Design	1026	\$(50,427)	\$0	\$0

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78894	SR 2017 ovr Schuylkill Rv	This project involves a bridge replacement / rehabilitation on SR 2017 (Gibraltar Road) over the Schuylkill River in Robeson and Exeter Townships, Berks County.	PENNDOT	Construction	2017	\$(437,521)	\$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	Construction	2021	\$(180,277)	\$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	Final Design	3422	\$(50,299)	\$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	\$(760,000)	\$0	\$0
110081	SR 4028 Old Route 22 Greenwich Twp	This project involves resurfacing and guide rail upgrades to SR 4028 (Old Route 22) from Kohlers Hill Road in Lenhartsville Borough to the Lehigh County Line (less than a quarter mile beyond Stump Road) in Greenwich Township, Berks County.	PENNDOT	Construction	4028	\$(76,066)	\$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	Construction	7207	\$(45,413)	\$0	\$0
10718	Schaeffer Rd Bridge	This project involves a replacement / rehabilitation of the Schaeffer Road Bridge on State Route 7222 (Schaeffer Road) over Willow Creek in Maiden Creek Township, Berks County.	PENNDOT	Construction	7222	\$(33,495)	\$0	\$0
103135	Burkeys Bridge	This project involves the replacement of the Burkeys Bridge on County Line Road (T-668) over the Northwest Branch of the Perkiomen Creek in Washington Township, Berks County.	PENNDOT	Final Design	7243	\$(122,780)	\$0	\$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 cancellation or completion of a project.

**FFY 2021 TRANSIT ANNUAL LIST OF OBLIGATED PROJECTS
READING AREA TRANSPORTATION STUDY**

<u>MPMS</u>	<u>PROJECT TITLE</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 2021 OBLIGATION</u>	<u>FEDERAL FUNDS REMAINING</u>	<u>PROJECT DESCRIPTION</u>
102300	BARTA Capital Improvements Shop	5307	\$0	\$190,000	\$0	\$18,800	\$171,200	\$0	Funds the purchase of bus lifts to replace existing 2006 bus lifts.
102301	BARTA Capital Improvements IT Equipment	5307	\$0	\$360,000	\$0	\$195,546	\$13,124	\$151,330	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.
102302	BARTA Facility Improvement(1)	5307	\$3,380,000	\$1,847,565	\$0	\$4,151,637	\$681,546	\$394,382	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 .
106740	Purchase Paratransit Vehicles	5307	\$0	\$240,605	\$0	\$0	\$240,605	\$0	Funds replacement of four (4) 2015 paratransit vehicles that have reached the end of their useful service life.
106742	Purchase Office Equipment	5307	\$0	\$12,000	\$0	\$0	\$8,293	\$3,707	Funds the replacement of a copier that reached the end of its useful service life.
109313	Replace Bus Shelters	5307	\$50,000	\$0	\$0	\$0	\$19,744	\$30,256	Funds the installation of solar-powered bus shelters to replace that have reached the end of their useful service life.
110608	BARTA Preventive Maintenance	5307	\$0	\$914,541	\$592,499	\$0	\$1,507,040	\$0	Funds eligible preventive maintenance costs for rolling stock and facilities.
114359	Replace Farebox System	5307	\$0	\$0	\$264,000	\$0	\$264,000	\$0	Funds the purchase and installation of a Mobile Ticketing Fare Collection System.
114372	Paratransit Van Purchase	5307	\$0	\$0	\$246,518	\$0	\$0	\$246,518	Funds replacement of four (4) 2016 paratransit vehicles that have reached the end of their useful service life. Projected order and obligation of funds is April 2022.
114374	Vehicle Replacement 21-22	CMAQ	\$0	\$0	\$900,000	\$0	\$900,000	\$0	Funds replacement of two 2009 fixed route buses that reached the end of their useful service life.
114374	Vehicle Replacement 21-22	5307	\$0	\$0	\$1,655,436	\$0	\$1,655,436	\$0	Funds replacement of three 2009 fixed route bus that has reached the end of its useful service life.
114374	Vehicle Replacement 21-22	5339	\$0	\$0	\$424,564	\$0	\$424,564	\$0	Provided partial funding for the replacement of one 2009 fixed route bus that has reached the end of its useful service life.
114375	Facility Improvement Program	5307	\$0	\$0	\$856,000	\$0	\$85,502	\$770,498	Funds the preliminary design for the replacement of an underground diesel fuel tank and the purchase of communications support equipment.
114382	Non-Revenue Vehicles	5307	\$0	\$0	\$113,600	\$0	\$113,600	\$0	Funds the purchase of two (2) service vehicles and one (1) maintenance pick-up truck to replace vehicles that have exceeded their useful service life.

TOTAL FUNDS OBLIGATED IN FFY 2021 **\$6,084,654**

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.

(1) Federal Funds Prior Obligation Reported includes funds from the FFY 2017-2020 TIP and federal funds obligated in FFY 2020.

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