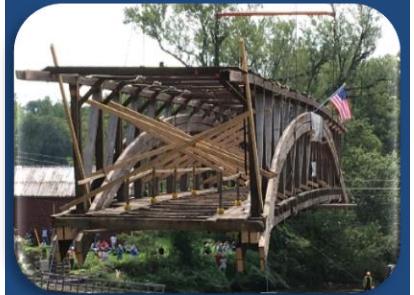


Reading Area Transportation Study

ANNUAL LIST OF OBLIGATED PROJECTS FOR FEDERAL FISCAL YEAR 2019

January, 2020



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

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, 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) 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. 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.

Annual List of Obligated Projects for Federal Fiscal Year 2019

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, 2018 to September 30, 2019. 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 2019 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 \$85 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

Annual List of Obligated Projects for Federal Fiscal Year 2019

as projects that would impact transportation needs in the county. The most recently adopted TIP (FFY 2019-2022, locally approved July 29, 2018) was approved by FHWA/FTA on September 25, 2018. The TIP lists 135 projects totaling \$342,273,833 for highway, bridge, and transit projects over the four year period from 2019 to 2022.

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 link project provides a pop-up screen giving project specific information. To view this tool, click here or type/paste the follow 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 2019 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
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 2019

Obligated Funds FFY 2019 – the amount of obligated federal funds associated for the project during FFY 2019

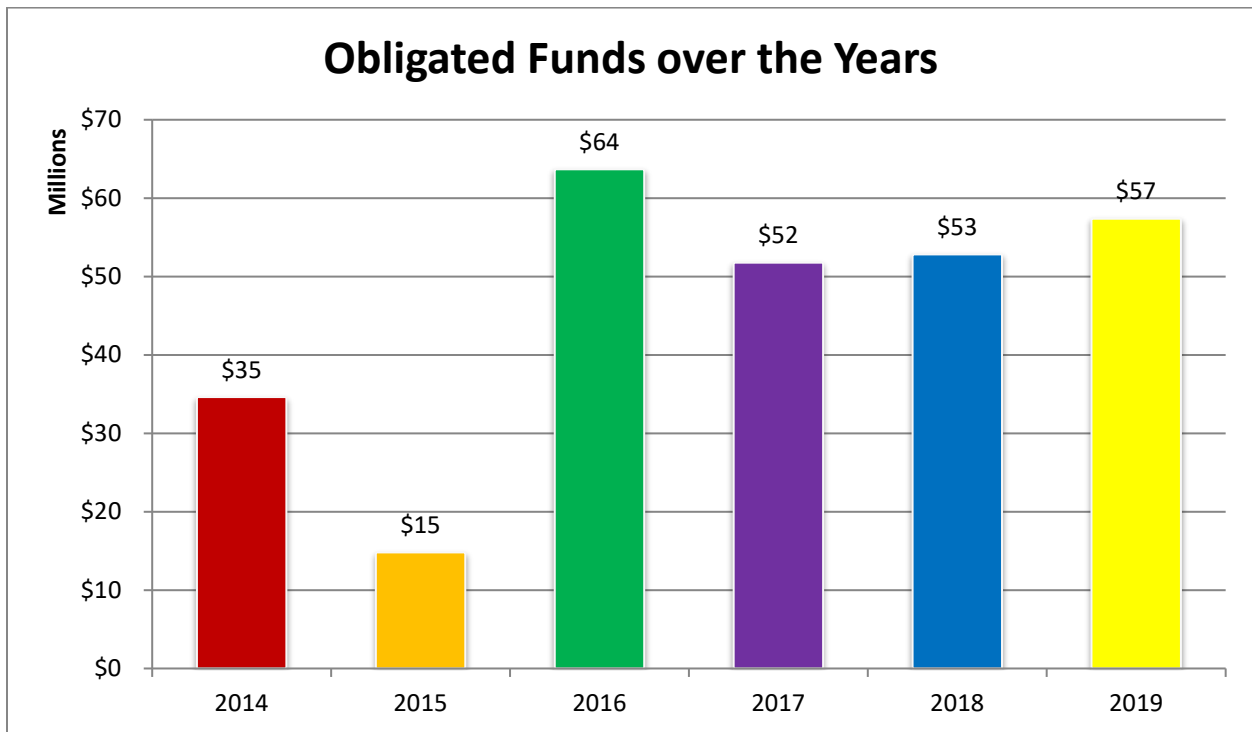
Federal Prog. Amount 2019-2022 – the amount of money programmed on the TIP over the identified years for a project

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 - 2019

The chart and table below show the obligation amounts and the number of highway and bridge projects funded for Federal Fiscal Years 2014-2019.

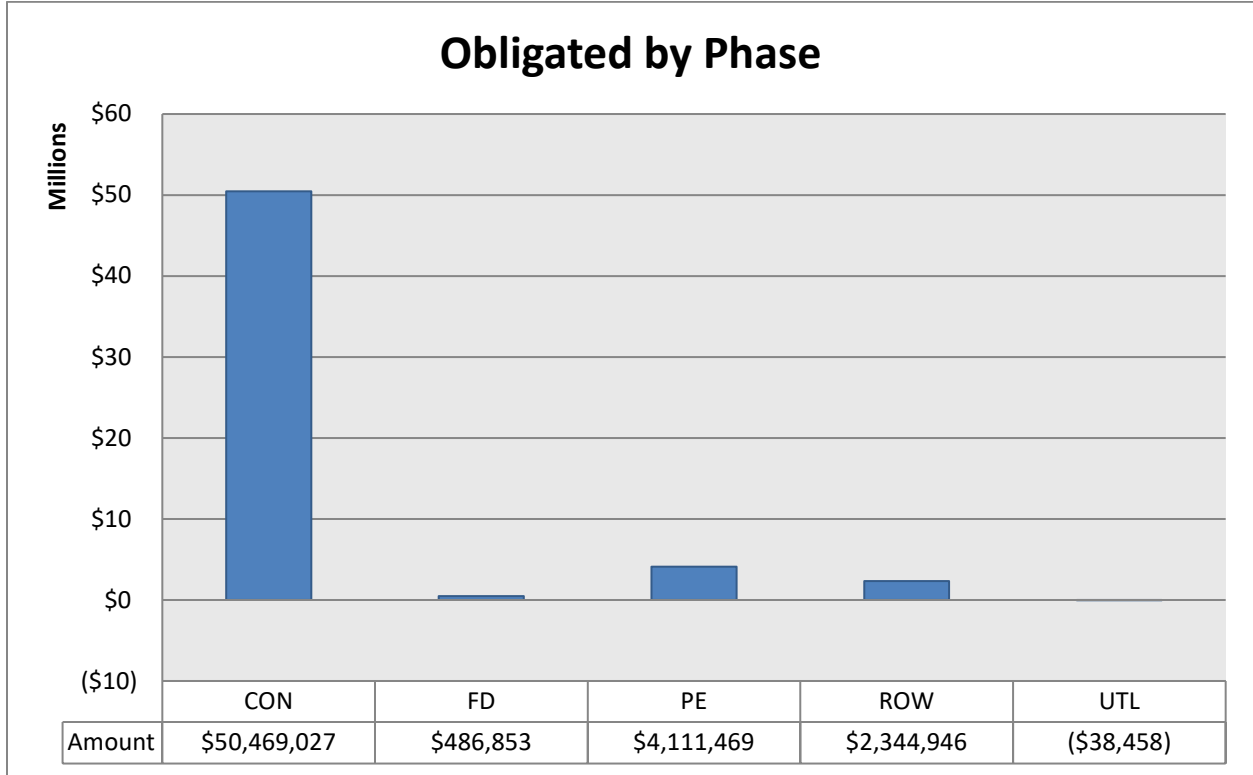


Year	Obligated Funds	Number of Projects
FFY 2014	\$34,624,159	65
FFY 2015	\$14,805,277	49
FFY 2016	\$63,679,793	56
FFY 2017	\$51,770,076	65
FFY 2018	\$52,822,224	58
FFY 2019	\$57,373,838	63

Annual List of Obligated Projects for Federal Fiscal Year 2019

Summary of Obligated Funds by Project Phase

The majority of highway and bridge obligated funds went to construction projects in FFY 2019. Funds were deobligated from the Utility phase.

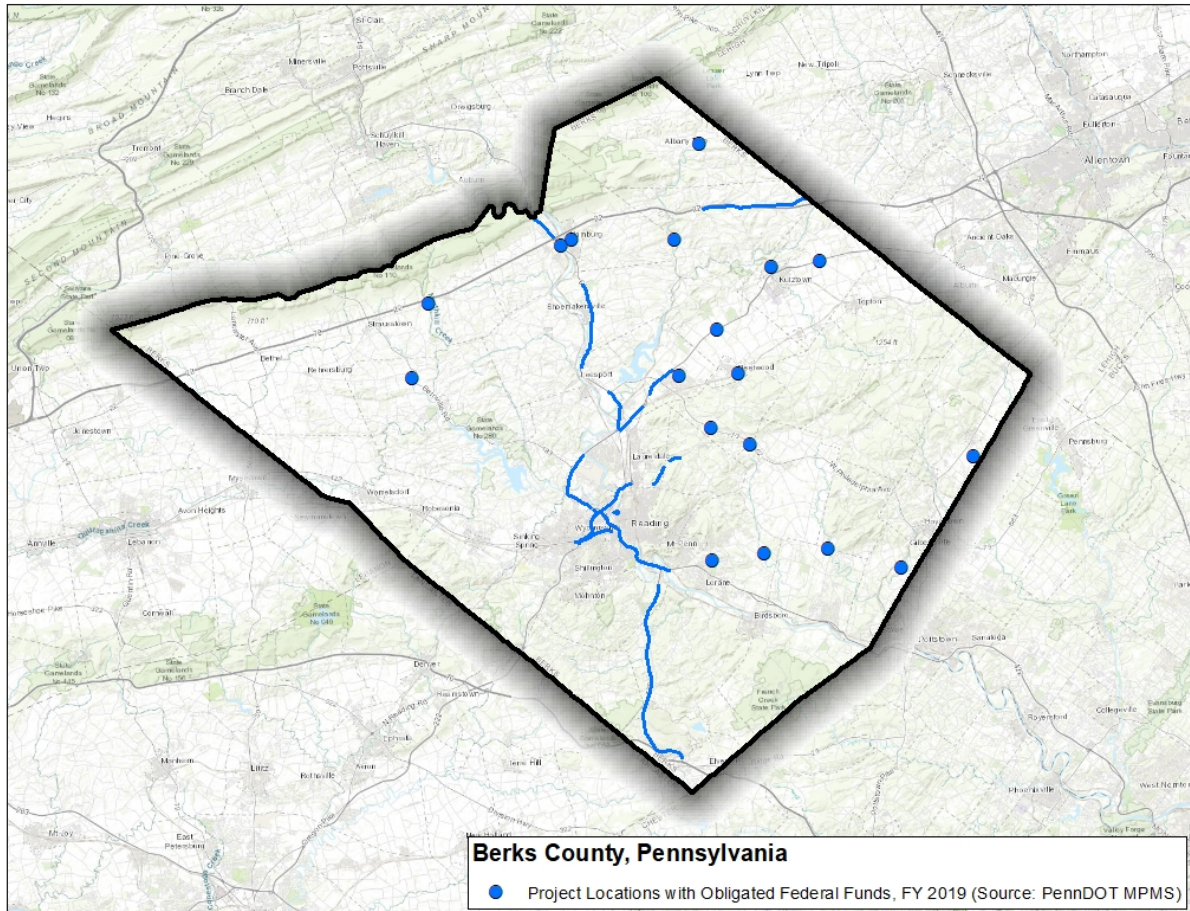


Phase	Obligated Amount	Number of Projects
CON	\$50,469,027	34
FD	\$486,853	17
PE	\$4,111,469	16
ROW	\$2,344,946	8
UTL	(\$38,458)	3

Annual List of Obligated Projects for Federal Fiscal Year 2019

Project Locations

The map below identifies the distribution of mappable projects across Berks County that received Obligated Federal Funds in 2019.



FFY 2019 HIGHWAY AND BRIDGE ANNUAL LIST OF OBLIGATED PROJECTS

MPMS	PROJECT TITLE	PROJECT DESCRIPTION	PROJECT ADMINISTRATOR	PHASE	STATE ROUTE	OBLIGATION* FFY 2019	PROG. TOTAL FFY 2019 TO 2022	FED FUNDS REMAINING
10371	Trexler Historical Bridge	This project involves a bridge replacement/rehabilitation of SR 1017 over Ontelaunee Creek in the Village of Trexler in Albany Township, Berks County.	PENNDOT	Construction	1017	(\$63,666)	\$0	\$0
10377	Virginville Bridge	This project consists of replacing the existing Virginville Bridge which carries SR 143 over Maiden Creek. The new bridge will be placed along the existing roadway alignment and is 54.9 meters (180ft.in length). The proposed roadway will be 11.2m (37ft)wide and accomodates two 3.4m (11ft) lanes with 1.8m (6ft)shoulders. The project is located in Richmond, Greenwich and Perry Townships in Berks County. The total project length is 879 FT from approximately at segment 0040 offset 1995 to approximately segment 0040 offset 2874.	PENNDOT	Utility	143	\$544	\$0	(\$544)
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	\$2,451,488	\$2,451,488	\$0
10588	SR 1017 over Kistler Creek	This project involves a bridge replacement on State Route 1017 (Creek Road) over Kistler Creek in Albany Township, Berks County.	PENNDOT	Right of Way	1017	\$86,560	\$86,560	\$0
10693	Mill Creek Bridge-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	\$327,320	\$327,320	\$0
10701	Shoemakersville Bridge	This project involves a bridge replacement / rehabilitation on SR 4025 (Miller Street) over the Schuylkill River in Shoemakersville Borough, Berks County. The bridge links Shoemakersville Borough with Centre Township.	PENNDOT	Final Design	4025	(\$182,417)	\$0	\$0
10703	Mohrsville Bridge	Bridge Replacement on Main Street (State Route 4026) over the Schuylkill River in Center Township, Berks County.	PENNDOT	Right of Way	4026	(\$2,804)	\$0	\$0
10713	Buttonwood Street Bridge	Rehabilitation of a 770 foot span arched bridge built in 1932 which is owned by the County. It carries Buttonwood Street over State Route 422, the Schuylkill River, River Road and the Norfolk Southern Railroad within the City of Reading, Berks County.	COUNTY OF BERKS	Construction	7301	(\$484,400)	\$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	Preliminary Engineering	7222	(\$79,660)	\$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	\$640,000	\$640,000	\$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	Right of Way	7222	(\$28,705)	\$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	Utility	7222	(\$47,002)	\$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	(\$699,354)	\$0	\$0
10752	N. Church St Bridge	This project involves the replacement/rehabilitation of the bridge carrying North Church Street (State Route 3010) over Spring Creek in Heidelberg Township, Berks County.	PENNDOT	Construction	3010	(\$99,699)	\$0	\$0

MPMS	PROJECT TITLE	PROJECT DESCRIPTION	PROJECT ADMINISTRATOR	PHASE	STATE ROUTE	OBLIGATION* FFY 2019	PROG. TOTAL FFY 2019 TO 2022	FED FUNDS REMAINING
10967	61 Safety-Ontelaunee	<p>The SR 0061 Safety project is located in Ontelaunee Township, Berks County. Safety Improvements are between SR 0222 and SR 4017 in Leesport. Work consists of safety and operational improvements to the roadway along the existing alignment including, but not limited to; updating roadway drainage, pavement markings, improvements to the intersections and improving traffic flow.</p> <ul style="list-style-type: none"> - Updating roadway drainage - Updating pavement markings - Improvements to the intersections - Improvements to the traffic flow 	PENNDOT	Final Design	61	(\$126,569)	\$0	\$0
10967	61 Safety-Ontelaunee	<p>The SR 0061 Safety project is located in Ontelaunee Township, Berks County. Safety Improvements are between SR 0222 and SR 4017 in Leesport. Work consists of safety and operational improvements to the roadway along the existing alignment including, but not limited to; updating roadway drainage, pavement markings, improvements to the intersections and improving traffic flow.</p> <ul style="list-style-type: none"> - Updating roadway drainage - Updating pavement markings - Improvements to the intersections - Improvements to the traffic flow 	PENNDOT	Construction	61	\$451,319	\$0	(\$451,319)
57840	SR 183/4016 (Schaeffers)	<p>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.</p>	PENNDOT	Construction	183	\$2,324,252	\$2,419,252	\$95,000
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. Upon project completion, all pedestrian facilities within the project limits will meet current ADA standards. The construction will be staged in phases to limit the disruption to the traveling public throughout the duration of the improvements. W. Spring Street will be detoured between the new connector road and Eberhart Street to construct the proposed improvements. Access will be maintained to all businesses and residential properties on W. Spring Street/River Road during construction.</p>	CITY OF READING	Final Design	183	\$152,000	\$152,000	\$0

MPMS	PROJECT TITLE	PROJECT DESCRIPTION	PROJECT ADMINISTRATOR	PHASE	STATE ROUTE	OBLIGATION* FFY 2019	PROG. TOTAL FFY 2019 TO 2022	FED FUNDS REMAINING
72814	US 422 Reconstruction	This project involves highway reconstruction/ widening of US Route 422 (the West Shore Bypass) from PA 12 to US Route 422 Business in Cumru and Exeter Townships, West Reading and Wyomissing Boroughs, and the City of Reading, 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.	PENNDOT	Preliminary Engineering	422	\$1,040,000	\$1,040,000	\$0
78881	SR 724 over Angelica Crk.	This project involves a bridge replacement/rehabilitation on SR 724 over Angelica Creek in Kenhorst Borough, Berks County.	PENNDOT	Construction	724	(\$27,006)	\$0	\$0
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	Final Design	2017	(\$43,246)	\$0	\$0
79467	SR 12 Elizabeth Avenue	This project involves safety improvements to the intersection of State Route 12 (Pricetown Road) and Hill View Road/Elizabeth Avenue and along the 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.	PENNDOT	Preliminary Engineering	12	\$750,000	\$1,000,000	\$250,000
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	Final Design	222	(\$220,049)	\$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	Right of Way	562	(\$14,465)	\$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	\$480,000	\$665,792	\$185,792
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	Final Design	562	\$223,916	\$223,916	\$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	Final Design	662	(\$306,184)	\$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	Right of Way	662	(\$100,000)	\$0	\$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 (SR 12) and Blandon Road (SR 73) in Ruscombmanor Township, Berks County.	PENNDOT	Preliminary Engineering	12	\$109,188	\$109,188	\$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 (SR 12) and Blandon Road (SR 73) in Ruscombmanor Township, Berks County.	PENNDOT	Final Design	12	\$489,868	\$514,360	\$24,492
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		\$38,471	\$110,000	\$71,529

MPMS	PROJECT TITLE	PROJECT DESCRIPTION	PROJECT ADMINISTRATOR	PHASE	STATE ROUTE	OBLIGATION* FFY 2019	PROG. TOTAL FFY 2019 TO 2022	FED FUNDS REMAINING
89214	Wernersville Boro to PA 724	Highway Resurface of SR 422 from Wernersville Borough Line to PA 724 in South Heidelberg and Lower Heidelberg Townships and Sinking Spring Borough, Berks County.	PENNDOT	Preliminary Engineering	422	(\$6,562)	\$0	\$0
89215	PA 12 Resurfacing	This project involves highway resurfacing of State Route 12 (Warren Street Bypass) in Berks County from US Route 422 to State Route 2005 (North 5th Street) in Muhlenberg Township, Wyomissing Borough, and the City of Reading, Berks County.	PENNDOT	Final Design	12	\$432,396	\$432,396	\$0
89231	Post & Cable Guide Rail	Various Locations Berks County Guide Rail Replacement	PENNDOT	Preliminary Engineering	1003	(\$27,060)	\$0	\$0
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	\$61,703	\$268,761	\$207,058
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	Right of Way	222	\$2,311,040	\$3,511,040	\$1,200,000
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	\$120,295	\$120,295	\$0
91941	RATS BR Preserve & Repair	Design and construction of bridge repairs on various bridges in Berks County	PENNDOT	Construction	1010	(\$52,019)	\$0	\$0
91960	RATS Guidesign Replacemnt	Guidesign replacement and upgrade at various locations on Interstate and expressways Berks County.	PENNDOT	Preliminary Engineering	183	(\$3,277)	\$0	\$0
91960	RATS Guidesign Replacemnt	Guidesign replacement and upgrade at various locations on Interstate and expressways Berks County.	PENNDOT	Construction	183	(\$16,350)	\$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	\$1,141,480	\$1,273,080	\$131,600
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	Construction	222	\$843,401	\$843,401	\$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	Final Design	222	\$97,209	\$97,209	\$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	\$20,081,118	\$28,217,280	\$8,136,162
92578	Sinking Spring Penn Ave	Enhancements to pedestrian safety and intermodal travel on Penn Avenue (Route 422), Sinking Springs, Berks County	PENNDOT	Construction	422	(\$45,495)	\$0	\$0
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	\$343,518	\$434,075	\$90,557

MPMS	PROJECT TITLE	PROJECT DESCRIPTION	PROJECT ADMINISTRATOR	PHASE	STATE ROUTE	OBLIGATION* FFY 2019	PROG. TOTAL FFY 2019 TO 2022	FED FUNDS REMAINING
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	Final Design	422	(\$306,488)	\$0	\$0
94900	Freeway Service Patrol	This project funds the freeway service patrol on US Route 422 in Berks County.	PENNDOT	Construction	422	\$714,417	\$728,300	\$13,883
96373	PA 61 Restoration Phase 1	This project involves the highway restoration of State Route 61 from approximately 900 feet south of Cabela Drive in Tilden Township, Berks County to south side of bridge over Schuylkill River in Port Clinton Borough, Schuylkill County.	PENNDOT	Preliminary Engineering	61	\$338,816	\$338,816	\$0
96376	Shoemaker Av-PottsvillePk	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	\$3,804,485	\$3,804,485	\$0
96378	Perkiomen Ave Resurface	This project involves highway resurfacing on Perkiomen Avenue (SR 2054) from Howard Blvd to Mineral Spring Road in the City of Reading, Berks County.	PENNDOT	Preliminary Engineering	2054	(\$42,035)	\$0	\$0
102168	2005 Corridor Improvement	This project involves improvements to traffic signals with larger 12 inch signal heads and back plates, adding LED's for visibility, additional signal heads (hand man when possible; replace all pedestrian signals with hand man), protected phasing, re-stripe and add cross walks for pedestrians (continental or piano key), adding pedestrian timings with pedestrian countdown signal heads and coordinate signals / upgrade controllers to reduce congestion on SR 2005 in the City of Reading, Berks County.	PENNDOT	Preliminary Engineering	2005	(\$60,863)	\$0	\$0
102168	2005 Corridor Improvement	This project involves improvements to traffic signals with larger 12 inch signal heads and back plates, adding LED's for visibility, additional signal heads (hand man when possible; replace all pedestrian signals with hand man), protected phasing, re-stripe and add cross walks for pedestrians (continental or piano key), adding pedestrian timings with pedestrian countdown signal heads and coordinate signals / upgrade controllers to reduce congestion on SR 2005 in the City of Reading, Berks County.	PENNDOT	Construction	2005	(\$167,171)	\$0	\$0
102865	Richmond St Fleetwood RRX	This project involves upgrading the rail road safety equipment where Richmond Street crosses the track of Norfolk Southern railway in the Borough of Fleetwood, Berks County.	PENNDOT	Construction	662	\$572,272	\$572,272	\$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	Utility	7243	\$8,000	\$8,000	\$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	Construction	7243	\$1,110,240	\$1,418,876	\$308,636
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	Right of Way	7243	\$58,320	\$58,320	\$0
103168	Boyertown RR Connectivity	Walkway and safety improvements connecting railroad station to main street and business district, center of town, Boyertown, between Third Street and Philadelphia Avenue in the block bounded by Washington Street and the railroad tracks.	PENNDOT	Construction		(\$14,491)	\$0	\$0

MPMS	PROJECT TITLE	PROJECT DESCRIPTION	PROJECT ADMINISTRATOR	PHASE	STATE ROUTE	OBLIGATION* FFY 2019	PROG. TOTAL FFY 2019 TO 2022	FED FUNDS REMAINING
103171	Lancaster Ave Crosswalk	Replacement of existing pavement markings for crosswalks along Lancaster Avenue with pavement markings to enhance pedestrian safety, including supplemental signage.	PENNDOT	Construction		(\$2,794)	\$0	\$0
103884	Gibraltar Road Bridge	This project involves the rehabilitation / replacement of State Route 7214 (Gibraltar Road) over Antietam Creek in Exeter Township, Berks County.	PENNDOT	Final Design	7214	\$294,448	\$294,448	\$0
104259	I-176 Resurfacing	I-176 approximately from SR 2013 (Shiloh Road) to SR 2001 (Chestnut Hill Road) Berks County	PENNDOT	Construction	176	(\$94,704)	\$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	\$2,792,830	\$2,792,830	\$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	\$408,340	\$516,736	\$108,396
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	\$5,594,223	\$5,800,000	\$205,777
107975	2016 Replace Sidewalks and ADA Ramps	Replace sidewalks and replace and add ADA ramps West 1st St, Jefferson, Adams and Washington Streets Borough of Birdsboro Berks County	PENNDOT	Construction		\$321,200	\$321,200	\$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	Final Design	222	\$127,300	\$127,300	\$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	Construction	222	\$960,832	\$1,284,832	\$324,000
109894	SR 61 Bridge Rehabilitation	This project involves the bridge rehabilitation / replacement of State Route 61 over SR 4028 (West State Street), the Schuylkill River and Reading Northern Railroad in the Borough of Hamburg, Berks County.	PENNDOT	Preliminary Engineering	61	\$824,000	\$824,000	\$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	\$416,333	\$697,710	\$281,377
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	\$514,780	\$585,524	\$70,744
110007	222 Warren Street Wyomissing	This project involves concrete patching and resurfacing of US Route 222 and the adjoining ramps from the Wyomissing Borough Line to the US Route 222 and US Route 422 Interchange, Berks County.	PENNDOT	Preliminary Engineering	222	\$226,400	\$226,400	\$0
110008	222 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 picks up where the US Route 222 Auxiliary Lane project (MPMS #109788) ends, at the point where Berkshire Boulevard passes over US Route 222 and continues up and around the hard curve to where Crossing Drive passes under US Route 222.	PENNDOT	Preliminary Engineering	222	\$352,952	\$486,532	\$133,580

MPMS	PROJECT TITLE	PROJECT DESCRIPTION	PROJECT ADMINISTRATOR	PHASE	STATE ROUTE	OBLIGATION* FFY 2019	PROG. TOTAL FFY 2019 TO 2022	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 in Muhlenberg and Ontelaunee Townships, Berks County.	PENNDOT	Preliminary Engineering	222	\$345,136	\$345,136	\$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	\$3,000,000	\$4,801,037	\$1,801,037
110078	SR 4040 ovr Northkill Creek	This project involves the bridge rehabilitation / replacement of State Route 4040 (Old Route 22) over Northkill Creek in Upper Tulpehocken Township, Berks County.	PENNDOT	Preliminary Engineering	4040	\$305,964	\$407,932	\$101,968
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	\$2,450,000	\$2,698,973	\$248,973
110247	Glendale Bridge	This project consists of complete replacement of the substructure and superstructure of Glendale Bridge that carries Winding Road over Ironstone Creek in Douglass Township, Berks County.	PENNDOT	Final Design	7212	\$165,000	\$165,000	\$0
110247	Glendale Bridge	This project consists of complete replacement of the substructure and superstructure of Glendale Bridge that carries Winding Road over Ironstone Creek in Douglass Township, Berks County.	PENNDOT	Right of Way	7212	\$35,000	\$35,000	\$0

* Negative amounts in the obligation column are a result of de-obligating unused funds for a project.

**FFY 2019 TRANSIT ANNUAL LIST OF OBLIGATED PROJECTS
READING AREA TRANSPORTATION STUDY**

MPMS	PROJECT TITLE	FEDERAL FUND CATEGORY	FEDERAL PROGRAMMED AMOUNT 2017-2020	FEDERAL PROGRAMMED AMOUNT 2019-2022	FEDERAL FUNDS PRIOR OBLIGATION	FFY 2019 OBLIGATION	FEDERAL FUNDS REMAINING	PROJECT DESCRIPTION
102289	BARTA ADA Services	5307	\$0	\$1,515,048	\$0	\$364,248	\$1,150,800	Funds the cost of providing ADA paratransit service for persons with disabilities that compliments the existing fixed route bus service.
102300	BARTA Capital Improvements Shop	5307	\$0	\$30,000	\$0	\$0	\$30,000	Funds purchase of a forklift to replace a 1995 forklift that has met its useful service life. Projected obligation in second quarter FFY 2020.
102301	BARTA Capital Improvements IT Equipment	5307	\$0	\$300,000	\$0	\$0	\$300,000	Funds purchase and implementation of a replacement Fleet Maintenance Management Software System capable of storing, managing and providing reports pertaining to vehicle and facility maintenance. Projected obligation in second quarter FFY 2020.
102302	BARTA Facility Improvement	5307	\$0	\$4,148,635	\$0	\$0	\$4,148,635	Funds replacement and upgrade of equipment and infrastructure at the BARTA Transportation Center, Operations Center and Franklin Street Station Parking Garage. Projected obligation in third quarter FFY 2020.
102303	BARTA Non-Revenue Vehicles	5307	\$0	\$48,000	\$0	\$0	\$48,000	Funds the purchase of two (2) service vehicles to replace a 2004 and 2008 service vehicle that have exceeded their useful service life. Projected obligation in first quarter FFY 2020.
110609	BARTA Vehicle Replacement	CMAQ	\$0	\$3,600,000	\$0	\$900,000	\$2,700,000	Funds replacement of two 2008 fixed route buses that reached the end of their useful life.
110609	BARTA Vehicle Replacement	5307	\$0	\$6,760,000	\$0	\$2,000,000	\$4,760,000	Funds replacement of three 2008 fixed route buses that have reached the end of their useful life.
110609	BARTA Vehicle Replacement	5339	\$0	\$1,626,946	\$0	\$441,946	\$1,185,000	Funds replacement of one 2008 fixed route bus that reached the end of their useful life.
109312	ITS Facility Upgrades	5307	\$203,175	\$0	\$42,191	\$3,573	\$157,411	Funds upgrades to existing communications equipment at the BARTA Transportation Center.
109313	Replace Bus Shelters	5307	\$130,000	\$0	\$0	\$108,300	\$21,700	Funds the purchase of replacement bus shelters.
TOTAL FFY 2019 FUNDS OBLIGATED						\$3,818,067		

Note: 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