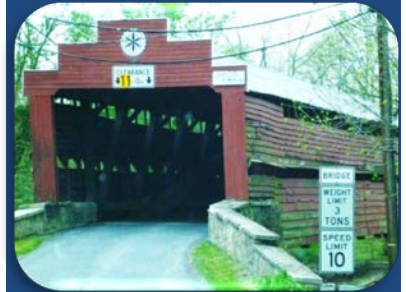


Reading Area Transportation Study

ANNUAL LIST OF OBLIGATED PROJECTS FOR FEDERAL FISCAL YEAR 2018

April 2019



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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>

The preparation of this report has been financed in part through grants from the U.S. Department of Transportation and the Pennsylvania Department of Transportation.

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 2018

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, 2017 to September 30, 2018. 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, typically 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.

The FFY 2018 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 as projects that would impact transportation needs in the county. The most recently adopted TIP (FFY

Annual List of Obligated Projects for Federal Fiscal Year 2018

2019-2022, 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://www.dot7.state.pa.us/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 2018 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

Funding Sources

STP	Federal – Surface Transportation Program
Special Funds	Federal – Special Funding from Congressional Earmarks
Enhancements	Federal – Transportation Alternatives Program
Urban	Federal – Surface Transportation Program – Urban
	Federal – Transportation Alternatives Program - Urban
Safety	Federal – Highway Safety Improvement Program
NHPP	Federal – National Highway Performance Program
CMAQ	Federal – Congestion Mitigation / Air Quality
Bridge Off	Federal – Bridge Construction (Off NHS System)
Rail & Highway	Federal – Rail / Highway Grade Crossings Hazard Elimination

Annual List of Obligated Projects for Federal Fiscal Year 2018

Funding Categories

BOF	Federal – Bridge Construction (off NHS System)
BOO	Federal – Bridge On/Off System
CAQ	Federal - Congestion Mitigation / Air Quality (CMAQ)
HCB	Federal – Historic Covered Bridge Program
HSIP	Federal – Highway Safety Improvement Program
NHPP	Federal – National Highway Performance Program
NHS	Federal – National Highway Safety
RRX	Federal – Rail / Highway Grade Crossings Hazard Elimination
STE	Federal – Surface Transportation Enhancements
STP	Federal – Surface Transportation Program
STU	Federal – Surface Transportation Program - Urban
SXF	Federal – Special Funding from Congressional Earmarks
TAU	Federal – Transportation Alternatives Program - Urban

Other Definitions

MPMS – Multimodal Project Management System number

Short Title – project title

Phase – the stage of work for a project

SR – State Route number

SEC – the section of the route

Obligated Funds FFY 2018 – the amount of obligated federal funds associated for the project during FFY 2018

Federal Prog. Amount 2017-2020 – 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

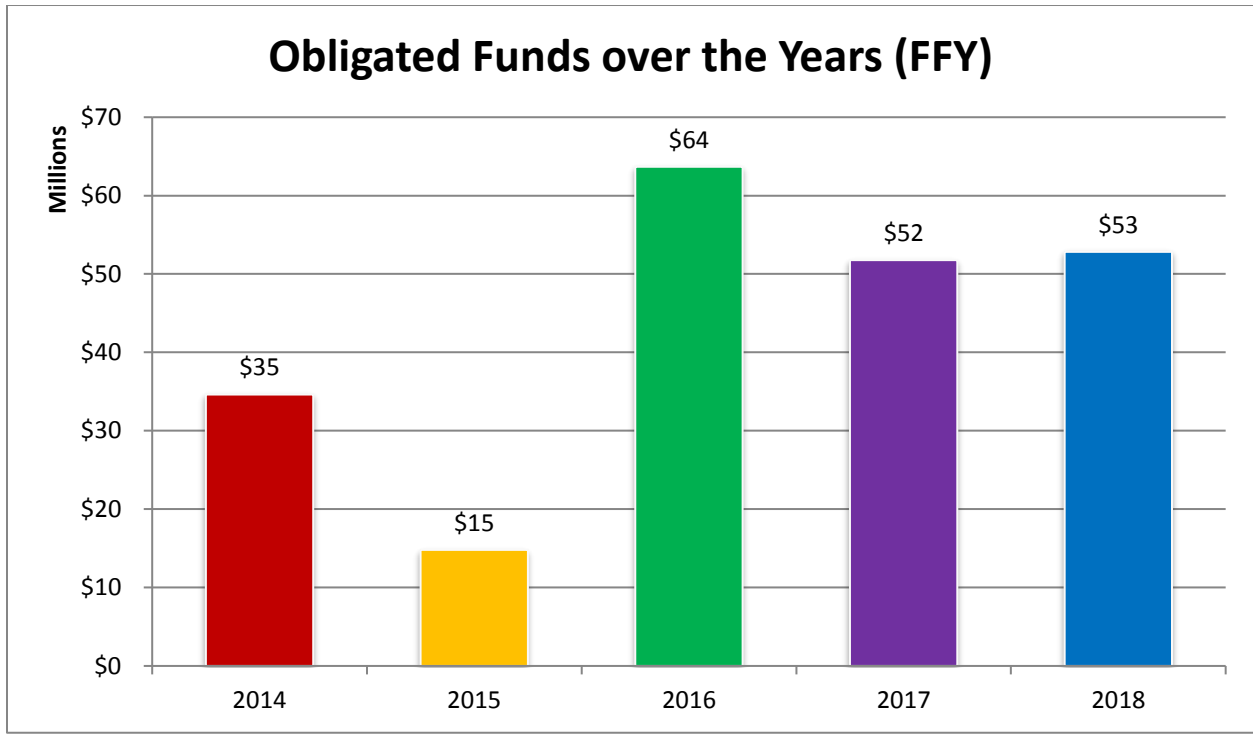
Fund Class and Fund Category – source of funding for a project

Public Narrative – the brief project description from MPMS

Annual List of Obligated Projects for Federal Fiscal Year 2018

Summary of Obligated Funds over FFY 2014 - 2018

The pie chart and table below show the obligation amounts and the number of projects funded for Federal Fiscal Years 2014-2018.

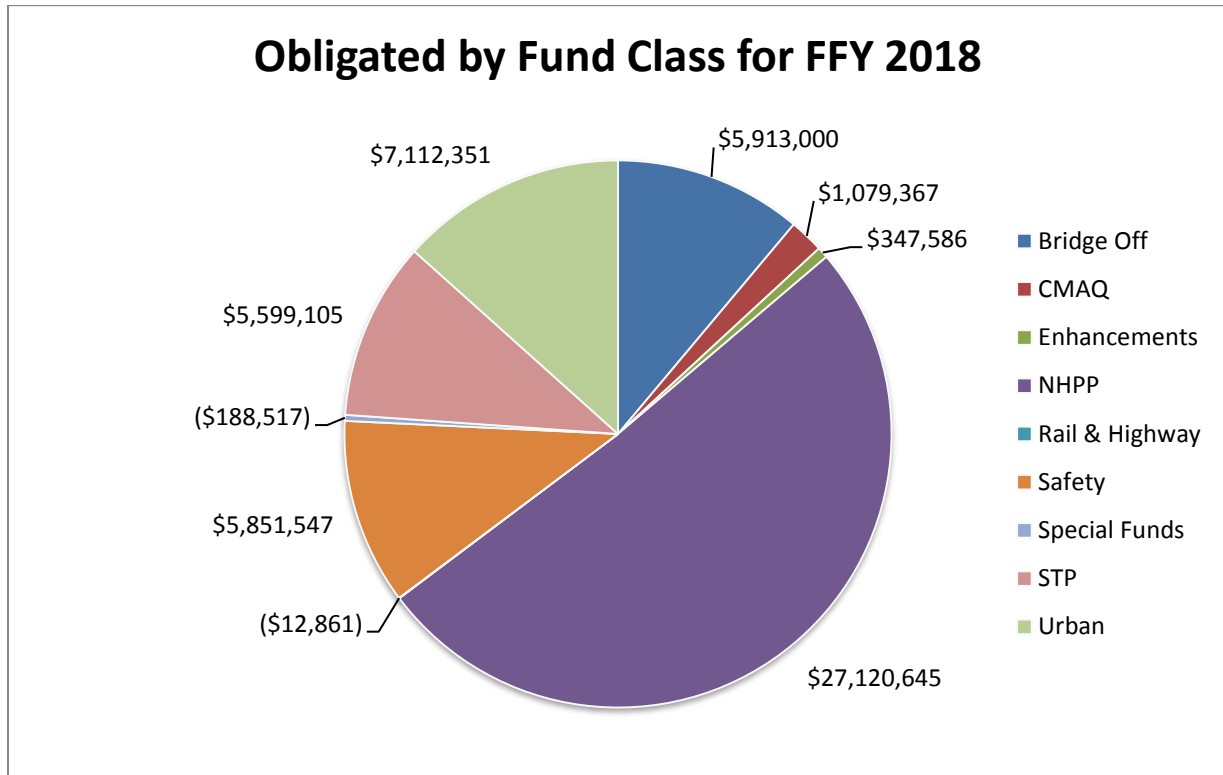


Year	Obligated Funds	Number of Projects
FFY 2014	\$34,624,159	65
FFY 2015	\$14,805,277	49
FFY 2016	\$63,679,793	56
FFY 2017	\$51,770,076	65
FFY 2018	\$52,822,224	58

Annual List of Obligated Projects for Federal Fiscal Year 2018

Summary of Obligated Funds by Fund Class

Approximately half of the obligated funding for FFY 2018 came from the NHPP funding source. Bridge Off, STP, and Safety funding sources were all relatively equal in the obligated amounts funded. The total amount for each fund class includes both obligated and deobligated funding amounts.

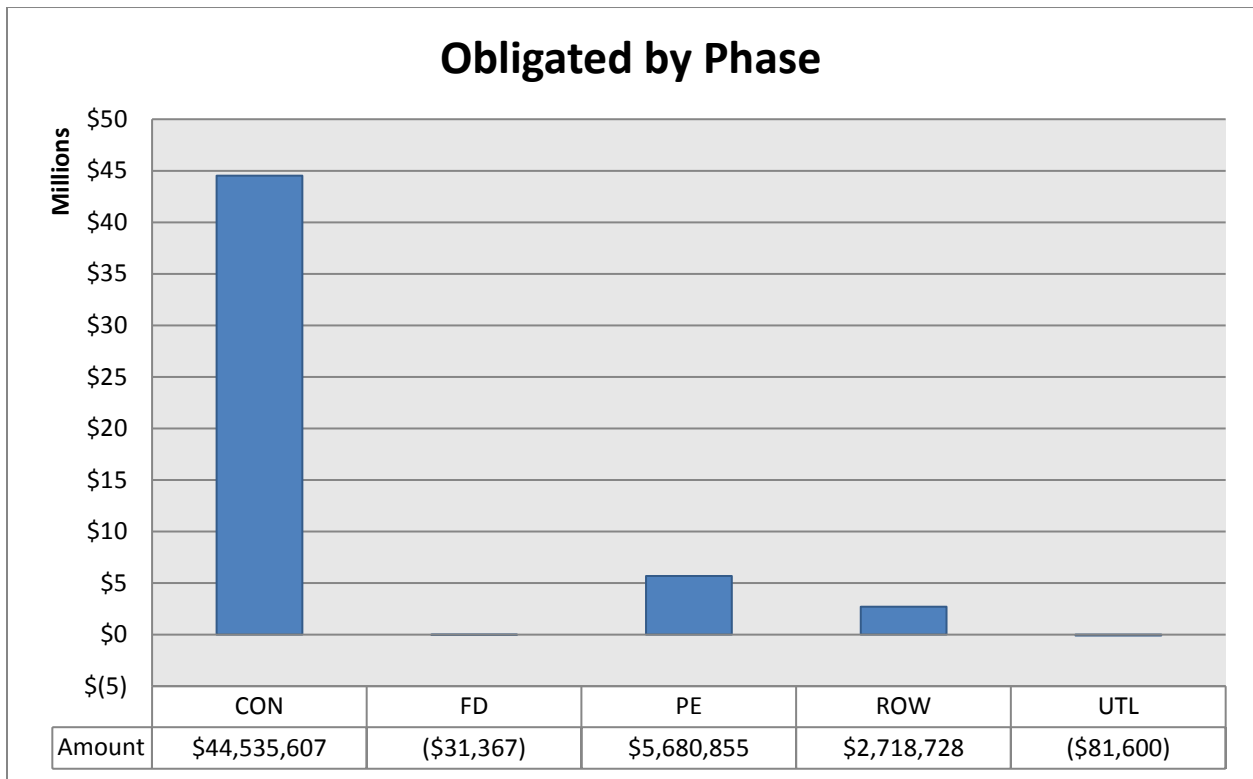


Fund Type	Obligated	Number of Projects
Bridge Off	\$5,913,000	11
CMAQ	\$1,079,367	2
Enhancements	\$347,586	4
NHPP	\$27,120,645	20
Rail & Highway	(\$12,861)	1
Safety	\$5,851,547	8
Special Funds	(\$188,517)	3
STP	\$5,599,105	7
Urban	\$7,112,351	10

Annual List of Obligated Projects for Federal Fiscal Year 2018

Summary of Obligated Funds by Project Phase

The majority of obligated funds went to construction projects in FFY 2018. Funds were deobligated from Final Design and Utility phases.

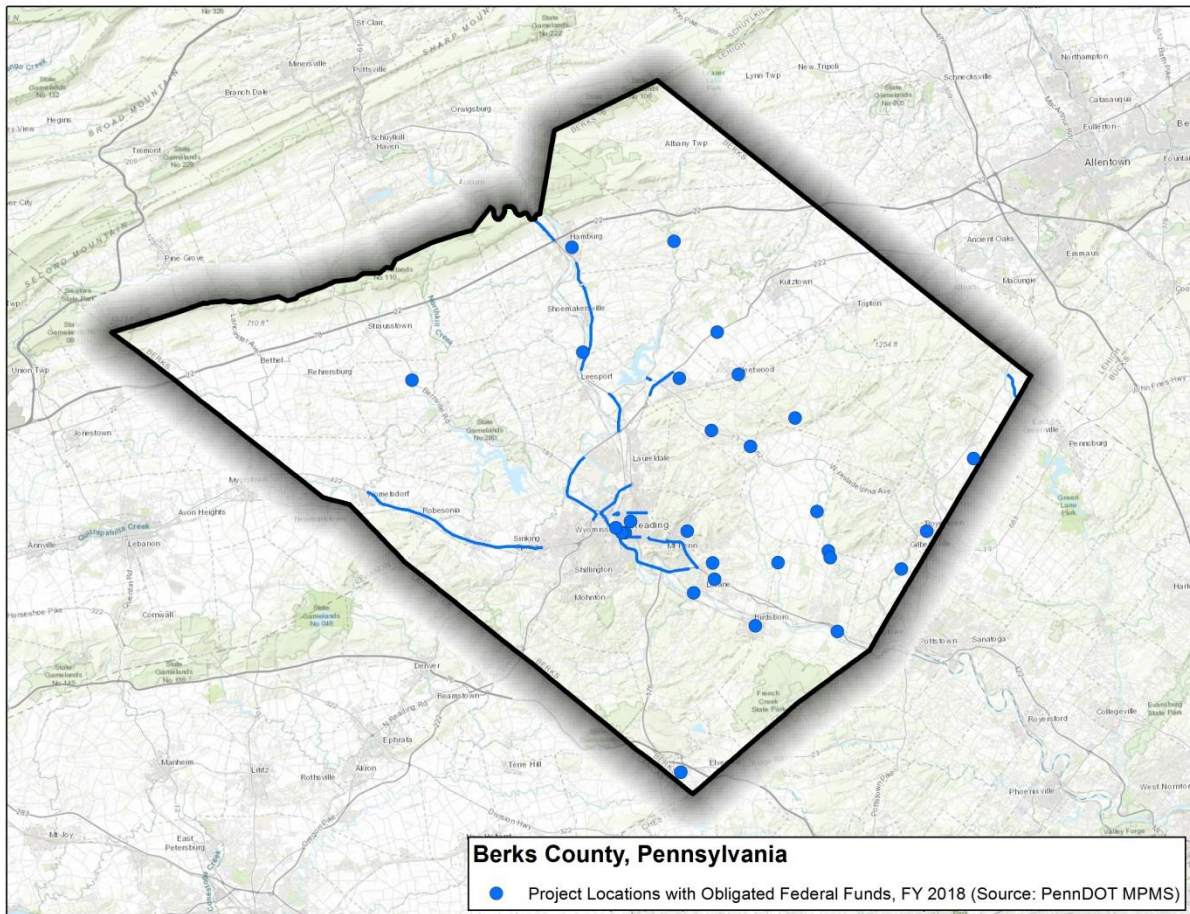


Phase	Obligated Amount	Number of Projects
CON	\$44,535,607	33
FD	(\$31,367)	6
PE	\$5,680,855	21
ROW	\$2,718,728	4
UTL	(\$81,600)	1

Annual List of Obligated Projects for Federal Fiscal Year 2018

Project Locations

The map below identifies the distribution of projects across Berks County that received Obligated Federal Funds in 2018.



MPMS	SHORT TITLE	PHASE	SR	SEC	OBLIGATED FUNDS FFY 2018	FEDERAL PROG. AMOUNT 2017-2020	FED. FUNDS REMAINING	FUND CLASS	FUND CATEGORY	PUBLIC NARRATIVE
10579	*Dreibelbis Covered Bridge	PE	7215	DCB	(\$167,422)	\$0	\$0	Special Funds	HCB	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.
10579	Dreibelbis Covered Bridge	CON	7215	DCB	\$1,305,652	\$1,305,652	\$0	Bridge Off	BOF	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.
10579	Dreibelbis Covered Bridge	CON	7215	DCB	\$167,422	\$1,207,422	\$1,040,000	Special Funds	HCB	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.
10703	*Mohrsville Bridge	CON	4026	01B	(\$229,661)	\$0	\$0	STP	BOO	SR 4026 Over Schuylkill river, Center Township Bridge Deck Replacement
10713	*Buttonwood Street Bridge	PE	7301	BUT	(\$198,891)	\$0	\$0	Bridge Off	BOF	Rehabilitation of a 770 foot span arched bridge built in 1932 which is owned by the County. It carries Buttonwood Street over SR 422, the Schuylkill River, River Road and the Norfolk Southern Railroad within the City of Reading.
10718	Schaeffer Rd Bridge	CON	7222	53A	(\$113,379)	\$1,401,560	\$1,401,560	Bridge Off	BOF	This project involves a replacement / rehabilitation of the Schaeffer Road Bridge on State Route 7222 (Schaeffer Road) over Willow Creek in Maidencreek Township, Berks County.
10740	Penn St Bridge	CON	3422	03B	\$4,616,027	\$16,051,909	\$11,435,882	NHPP	NHPP	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.
10740	Penn St Bridge	CON	3422	03B	\$0	\$10,000,000	\$10,000,000	STP	STP	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.
10740	Penn St Bridge	CON	3422	03B	\$44,924	\$44,923	(\$1)	Special Funds	SXF	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.
10746	Forgedale Rd Bridge	PE	1021	03B	\$341,160	\$341,160	\$0	Bridge Off	BOF	This project involves the bridge replacement / rehabilitation of State Route 1021 (Forgedale Road) over Beiber Creek in Rockland Township, Berks County.
10753	Weavertown Road Bridge	PE	2041	03B	\$417,474	\$417,474	\$0	Bridge Off	BOF	This project involves a bridge replacement / rehabilitation on State Route 2041 (Weavertown Road) over Monocacy Creek in Amity Township, Berks County.
10766	T-575 Fisher Mill Rd Br	CON	7227	58B	\$2,294,000	\$2,440,000	\$146,000	Bridge Off	BOF	This project involves the replacement / rehabilitation of a bridge carrying State Route 7227 (Fisher Mill Road) over the Manatawny Creek in Oley Township, Berks County. The scope of work will include roadway approaches, guiderail, drainage and other miscellaneous construction.
10867	PA 61 Restoration Phase 2B	PE	61	15M	\$720,000	\$720,000	\$0	NHPP	NHPP	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.
10951	*Shelbourne Rd Jug SW	FD	422	JG2	(\$356,522)	\$0	\$0	Safety	HSIP	SW Quadrant Intersection with SR 2033/SR 422 Exeter Township, Intersection improvement, construction of jughandle
10967	*61 Safety-Ontelaunee	CON	61	15S	(\$563,125)	\$0	\$0	NHPP	NHPP	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.
10967	*61 Safety-Ontelaunee	CON	61	15S	(\$148,833)	\$0	\$0	NHPP	NHS	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.
47634	*Trib Schuylkill Rv Br (S)	CON	4035	01B	(\$80,110)	\$0	\$0	STP	STP	Bridge Rehabilitation on South Fourth Street (State Route 4035) over tributary to Schuylkill River in Hamburg Borough, Berks County.
57840	SR 183/4016 (Schaeffers)	CON	183	07S	\$1,219,328	\$1,219,328	\$0	STP	STP	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.

MPMS	SHORT TITLE	PHASE	SR	SEC	OBLIGATED FUNDS FFY 2018	FEDERAL PROG. AMOUNT 2017-2020	FED. FUNDS REMAINING	FUND CLASS	FUND CATEGORY	PUBLIC NARRATIVE
70274	River Road Extension	ROW	183	RRE	(\$233,440)	\$160,817	\$160,817	Special Funds	SXF	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.
72814	US 422 Reconstruction	PE	422	29M	\$375,200	\$1,364,618	\$989,418	NHPP	NHPP	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.
76614	Penn St Crosswalks	CON		PSC	\$148,406	\$0	(\$148,406)	Enhancements	STE	Installation of two crosswalks at 2nd & 3rd Streets on Penn Street in the City of Reading
76614	Penn St Crosswalks	CON		PSC	\$334,368	\$0	(\$334,368)	Urban	STU	Installation of two crosswalks at 2nd & 3rd Streets on Penn Street in the City of Reading
78894	SR 2017 ovr Schuylkill Rv	CON	2017	01B	\$1,744,825	\$4,990,195	\$3,245,370	STP	STP	This project involves a bridge replacement / rehabilitation on SR 2017 (Gibraltar Road) over the Schuylkill River in Robeson and Exeter Townships, Berks County.
81743	Route 222/422 Urban ITS	CON	222	ITS	\$244,924	\$2,471,669	\$2,226,745	CMAQ	CAQ	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.
81743	Route 222/422 Urban ITS	CON	222	ITS	\$255,488	\$348,523	\$93,035	NHPP	NHPP	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.
85667	SR 562 ovr Manatawny Crk	CON	562	01B	\$2,245,860	\$2,518,883	\$273,023	STP	STP	This project involves a bridge replacement / rehabilitation on SR 562 (Boyertown Pike) over Manatawny Creek in Amity Township, Berks County.
88781	SR 12 and SR 73	PE	12	01S	(\$465,600)	\$180,080	\$180,080	NHPP	NHPP	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.
88781	SR 12 and SR 73	PE	12	01S	\$587,116	\$787,116	\$200,000	STP	STP	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.
89056	Transp Alternative Project Mngmt	PE		TEM	\$55,000	\$155,000	\$100,000	Urban	STU	This project is a Berks County Transportation Alternatives Program Management Contract to assist local sponsors in developing approved Transportation Alternative Projects.
89214	*Wernersville Boro to PA 724	PE	422	18M	(\$7,826)	\$0	\$0	NHPP	NHPP	Highway Resurface of State Route 422 from Green Valley Road to PA 724, Spring Township in Berks County.
89214	*Wernersville Boro to PA 724	UTL	422	18M	(\$81,600)	\$0	\$0	NHPP	NHPP	Highway Resurface of State Route 422 from Green Valley Road to PA 724, Spring Township in Berks County.
89214	*Wernersville Boro to PA 724	ROW	422	18M	(\$175,120)	\$0	\$0	NHPP	NHPP	Highway Resurface of State Route 422 from Green Valley Road to PA 724, Spring Township in Berks County.
89215	PA 12 Resurfacing	PE	12	02M	\$355,724	\$1,139,133	\$783,409	NHPP	NHPP	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.
89231	*Post & Cable Guide Rail	CON	1003	PCG	(\$43,708)	\$0	\$0	Safety	HSIP	Post and cable guiderail replacement at multiple locations
91941	RATS BR Preserve & Repair	CON	1010	BRM	\$240,000	\$257,427	\$17,427	Urban	STU	Design and construction of bridge repairs on various bridges in Berks County

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91995	SR 2087 /Norfolk Southern	PE	2087	02B	\$627,400	\$677,400	\$50,000	NHPP	NHS	This project involves the replacement / rehabilitation of the bridge that carries SR 2087 (Centre Avenue) over Norfolk Southern Railroad in the City of Reading, Berks County.
92411	SR 222 & 662 Intersection	CON	222	19S	\$39,375	\$289,790	\$250,415	NHPP	NHPP	This project involves construction of a roundabout on State Route 222 and 662 to improve safety and reduce congestion in Richmond Township, Berks County.
92414	SR 222_73 & Genesis Dr	FD	222	22S	\$93,035	\$487,714	\$394,679	CMAQ	CAQ	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.
92414	SR 222_73 & Genesis Dr	ROW	222	22S	\$741,408	\$741,408	\$0	CMAQ	CAQ	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.
92414	SR 222_73 & Genesis Dr	ROW	222	22S	\$2,021,880	\$2,021,880	\$0	NHPP	NHPP	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.
92569	*Fleetwood_Main St Walkway	CON		FLT	(\$26,736)	\$0	\$0	Enhancements	STE	Pedestrian park and walkway/path from Main Street to Foundry Alley in Fleetwood Borough, Berks County.
92577	*WalkBikeBerks-Education	CON		WBB	(\$23,691)	\$0	\$0	Enhancements	STE	Walk Bike Berks - Safe Route Berks Bicycle/Pedestrian Safety Training
92921	SR 73/662 Corridor Safety	CON	73	05S	\$6,089,890	\$6,089,890	\$0	Safety	HSIP	This project involves construction of a roundabout at both intersections of State Route 73 and 662 in Oley Township, Berks County.
94857	422 Resurf-419-Wernersville	CON	422	20M	\$1,656,925	\$1,656,925	\$0	NHPP	NHPP	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.
94896	*RATS BR Preserve&Repair 3	CON	12	BRM	(\$87,084)	\$0	\$0	Urban	STU	Design and construction of bridge repairs and preservation of various bridges in Berks County with goal to reduce outstanding priority bridge repair items.
95731	*Furnace St Xing UpGrade	CON	2082	06X	(\$12,861)	\$0	\$0	Rail & Highway	RRX	Furnace Street railroal crossing improvement in Birdsboro
96372	PA 29 Resurface	CON	29	03M	\$1,765,992	\$1,765,922	\$0	NHPP	NHPP	This project involves resurfacing PA 29 (Gravel Pike, Chestnut Street) from the Montgomery County Line to the Lehigh County Line in Berks County.
96373	PA 61 Restoration Phase 1	PE	61	14M	\$520,000	\$520,000	\$0	NHPP	NHPP	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.
96376	Shoemaker Av-PottsvillePk	ROW	61	13M	\$364,000	\$594,160	\$230,160	NHPP	NHPP	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.
96376	Shoemaker Av-PottsvillePk	CON	61	13M	\$7,071,523	\$10,868,008	\$3,796,485	NHPP	NHPP	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.
96377	Bus 422 Resurface	FD	2021	03M	\$67,026	\$359,247	\$292,221	NHPP	NHPP	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.
96377	Bus 422 Resurface	CON	2021	03M	\$6,673,545	\$8,389,280	\$1,715,735	NHPP	NHPP	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.

MPMS	SHORT TITLE	PHASE	SR	SEC	OBLIGATED FUNDS FFY 2018	FEDERAL PROG. AMOUNT 2017-2020	FED. FUNDS REMAINING	FUND CLASS	FUND CATEGORY	PUBLIC NARRATIVE
96377	Bus 422 Resurface	CON	2021	03M	\$5,402,735	\$4,087,000	(\$1,315,735)	Urban	STU	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.
96378	Perkiomen Ave Resurface	CON	2054	01M	\$629,645	\$2,000,000	\$1,370,355	NHPP	NHPP	This project involves highway resurfacing on Perkiomen Avenue (SR 2054) from Howard Blvd to Mineral Spring Road in the City of Reading, Berks County.
96381	SR 2006 (Chestnut Street) Resurface	PE	2006	03M	\$464,000	\$464,000	\$0	Urban	STU	This project involves highway resurfacing of the entire length of SR 2006 (Chestnut Street) from Fourth Street to Bingaman Street in the City of Reading, Berks County.
97258	SR 61 Med Barr-Perry Wind	PE	61	18S	\$200,000	\$200,000	\$0	Safety	HSIP	Enhancements to pedestrian safety and intermodal travel on Penn Avenue (Route 422), Sinking Springs, Berks County
102150	*DW Systematic Impmnt-2014	CON		ISI	(\$243,285)	\$0	\$0	Safety	HSIP	Districtwide All Weather Pavement Marker Installation at multiple locations
102152	*DW HFS-2014	CON	10	HFS	\$-629	\$0	\$0	Safety	HSIP	Districtwide High Friction Surface Treatments at multiple locations
102162	SR 2014 Corridor Improvements	FD	2014	01S	\$35,790	\$237,790	\$202,000	Urban	STU	This project involves corridor improvements to the entire length of SR 2014 (Spring Street) from Centre Avenue 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 interconnection. Ten existing signals either have small heads, are dim or are poorly positioned on old supporting equipment.
103135	Burkeys Bridge	FD	7243	01B	\$45,248	\$249,648	\$204,400	Bridge Off	BOF	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.
103136	Blacksmith Road Bridge	CON	7203	01B	\$149,886	\$951,376	\$801,490	Urban	STU	This project involves the rehabilitation of the bridge carrying Blacksmith Road over Manatawny Creek in Amity Township, Berks County.
103141	Hartz Mill Bridge	FD	7207	01B	\$84,056	\$201,056	\$117,000	Urban	STU	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.
103141	Hartz Mill Bridge	CON	7207	01B	\$582,720	\$582,720	\$0	Bridge Off	BOF	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.
103149	Harvey Ave Bridge	CON	7214	01B	\$818,096	\$818,096	\$0	Bridge Off	BOF	This project involves the replacement / rehabilitation of the bridge on Harvey Avenue (SR 7214) over Antietam Creek in Exeter Township, Berks County.
103168	Boyertown RR Connectivity	CON		BRC	\$249,608	\$249,608	\$0	Enhancements	TAU	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.
103884	Gibraltar Road Bridge	PE	7214	02B	\$270,920	\$270,920	\$0	Bridge Off	BOF	This project involves the rehabilitation / replacement of State Route 7214 (Gibraltar Road) over Antietam Creek in Exeter Township, Berks County.
105962	Advance Signal for SR 422 and 2077 Intersection	CON	422	22S	\$5,800	\$125,000	\$119,200	Safety	HSIP	This project involves the installation of a red signal ahead warning system in advance of the intersection of SR 422 East and SR 2077 (River Bridge Road) in Amity Township, Berks County.
106496	222 Slab Stabilization	PE	222	SLB	\$344,760	\$344,760	\$0	NHPP	NHPP	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.
107862	District 5 AWPM Berks 2017	CON	12	AWP	\$111,746	\$226,670	\$114,924	STP	STP	Install and maintain all-weather pavement markings (AWPM) at Various Locations within the planning region.
109222	SR 73 and 1005 Intersection Improvement	PE	73	06S	\$433,600	\$0	(\$433,600)	Urban	STU	This project involves safety improvements to the intersection of State Route 73 (Lake Shore Drive) and State Route 1005 (Calcium Road) to address the skewed "T" intersection.
109337	61 Med Barr - Tilden Twp	PE	61	17S	\$200,000	\$200,000	\$0	Safety	HSIP	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.

FFY 2018 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 2017-2020</u>	<u>FEDERAL FUNDS PRIOR OBLIGATION</u>	<u>FFY 2018 OBLIGATION</u>	<u>FEDERAL FUNDS REMAINING</u>	<u>PUBLIC NARRATIVE</u>
102289	BARTA ADA Services	5307	\$1,486,059	\$200,078	\$517,781	\$768,200	Funds complementary ADA service.
102299	BARTA Vehicle Replacement	CMAQ	\$3,900,000	\$900,000	\$1,200,000	\$1,800,000	Funds replacement of two 2007 fixed route buses that reached the end of their useful life
102299	BARTA Vehicle Replacement	5307	\$6,980,913	\$500,000	\$1,860,174	\$4,620,739	Funds replacement of three 2007 fixed route buses that have reached the end of their useful life
102299	BARTA Vehicle Replacement	5339	\$1,661,167	\$360,205	\$489,962	\$811,000	Funds replacement of one 2007 fixed route bus that reached the end of their useful life
102302	BARTA Facility Improvement	5307	\$3,780,000	\$0	\$2,500,000	\$1,280,000	Funds rehabilitation and expansion of the Reading Bus Storage Facility
109312	ITS Facility Upgrades	5307	\$203,175	\$0	\$42,191	\$160,984	Funds upgrades to existing security camera and emergency response equipment at the Franklin Street Station and the Park-n-Transit facility
109313	Replace Bus Shelters	5307	\$130,000	\$0	\$0	\$130,000	Provides for purchase and installation of replacement bus shelters
TOTAL FFY 2018 FUNDS OBLIGATED					\$6,610,108		
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					
	CAQ	Federal - Congestion Mitigation/Air Quality (CMAQ)					