

Reading Area Transportation Study

ANNUAL LIST OF OBLIGATED PROJECTS FOR FEDERAL FISCAL YEAR 2020

December, 2020



Annual List of Obligated Projects for Federal Fiscal Year 2020

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, 2019 to September 30, 2020. 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 2020 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

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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 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 2020 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 2020 – the amount of obligated federal funds associated for the project during FFY 2020

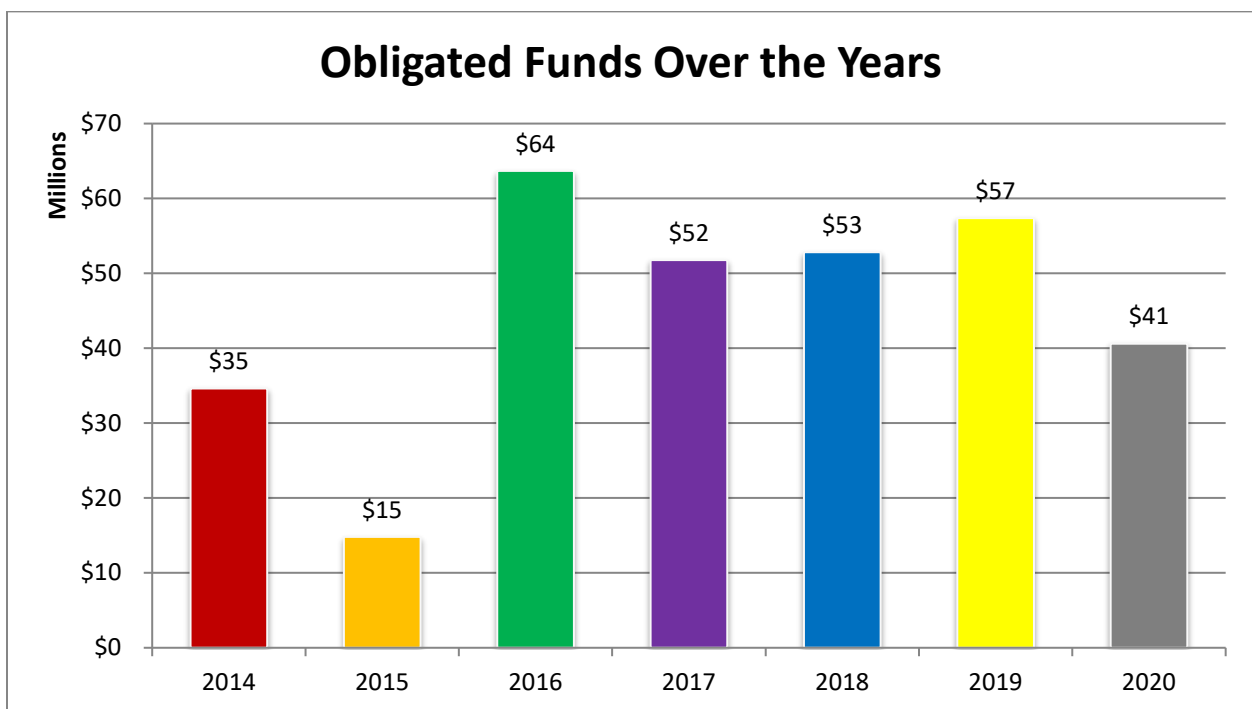
Prog. Total 2019-2022 – the amount of money programmed on the TIP over the identified years for a project

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.

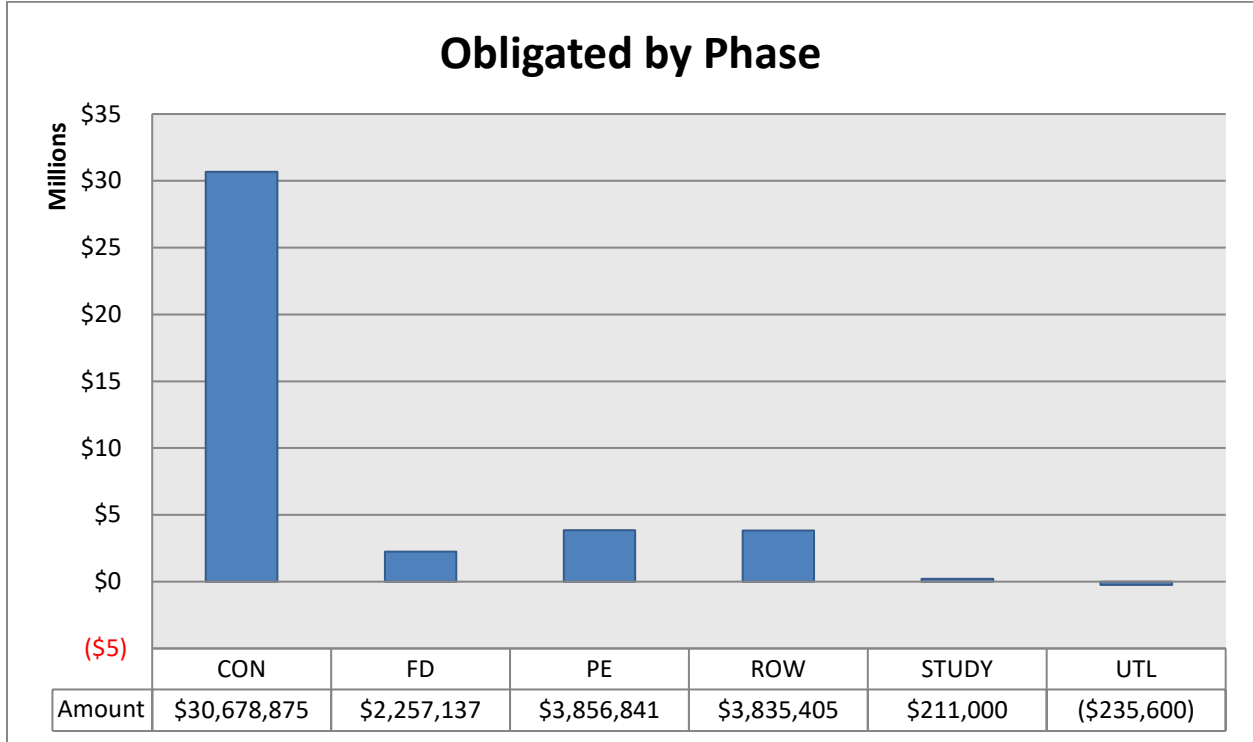


Year	Obligated Funds	Number of Projects
FFY 2014	\$34,624,159	65
FFY 2015	\$14,805,277	49
FFY 2016	\$63,679,793	56
FFY 2017	\$51,770,076	65
FFY 2018	\$52,822,224	58
FFY 2019	\$57,373,838	63
FFY 2020	\$40,603,657	57

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Summary of Obligated Funds by Project Phase

The majority of highway and bridge obligated funds went to construction projects in FFY 2020. Funds were deobligated from the Utility phase.

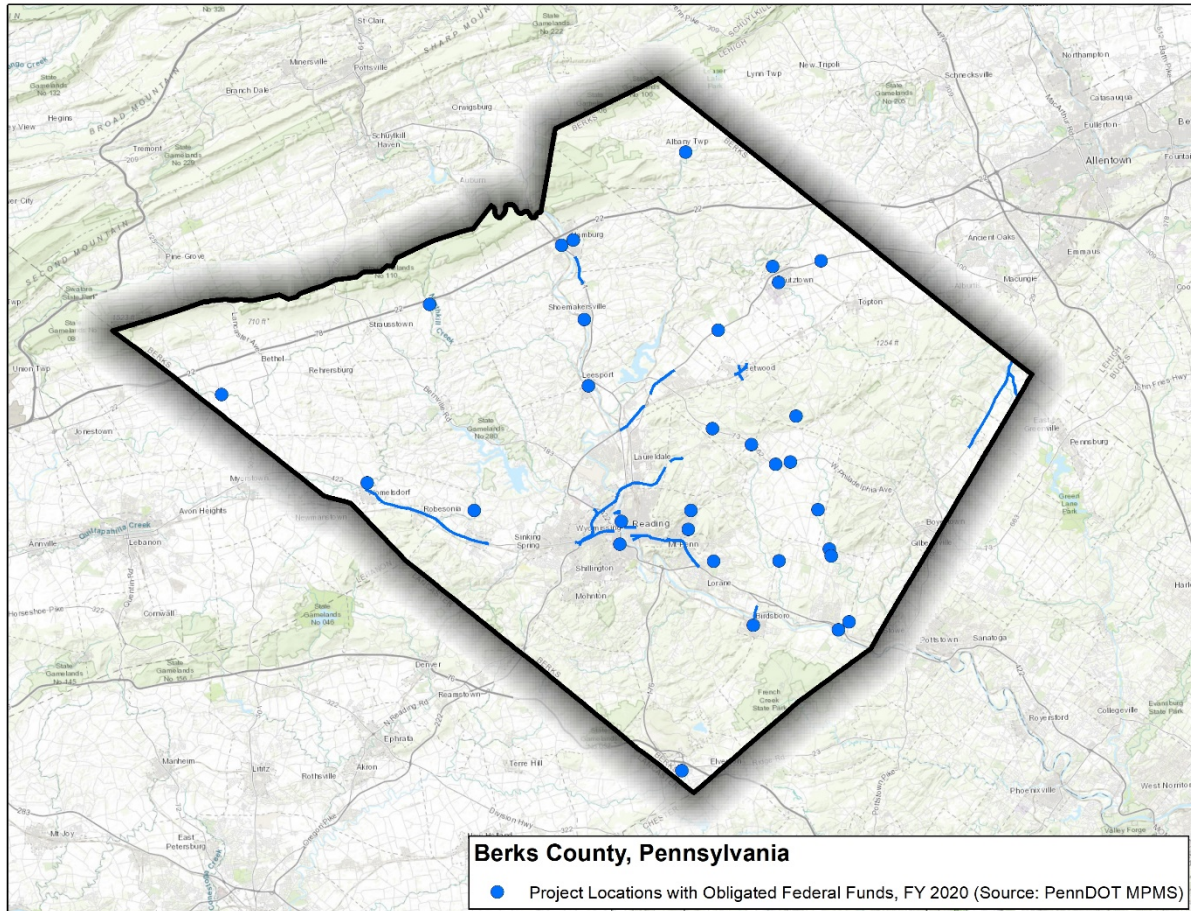


Phase	Obligated Amount	Number of Projects
CON	\$30,678,875	24
FD	\$2,257,137	19
PE	\$3,856,841	20
ROW	\$3,835,405	15
STUDY	\$211,000	1
UTL	(\$235,600)	8

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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 2020.



FFY 2020 HIGHWAY AND BRIDGE ANNUAL LIST OF OBLIGATED PROJECTS

MPMS	PROJECT TITLE	PROJECT DESCRIPTION	PROJECT ADMINISTRATOR	PHASE	STATE ROUTE	OBLIGATION* FFY 2020	PROG. TOTAL FFY 2019 TO 2022	FED FUNDS REMAINING
108115	Reading 18th Wonder	Improvements at following intersections: 18th Wonder Curb Ramps, East Wyomissing and Hancock Boulevards, on East Wyomissing Blvd. between Farr Street and Scott Street and Hancock Blvd. between Gerry Street and Gregg Street, City of Reading, Berks County	PENNDOT	Construction		\$445,712	\$445,712	\$0
89056	Transp Alternative Project Mngmt	This project is a Berks County Transportation Alternatives Program Management Contract to assist local sponsors in developing approved Transportation Alternative Projects.	PENNDOT	Preliminary Engineering		\$87,558	\$175,000	\$87,442
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	\$24,492	\$514,360	\$489,868
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	Utility	12	\$132,000	\$132,000	\$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	Right of Way	12	\$1,382,400	\$1,382,400	\$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	\$116,684	\$549,080	\$432,396
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	\$40,000	\$40,000	\$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	Right of Way	12	\$1,532,400	\$1,532,400	\$0

MPMS	PROJECT TITLE	PROJECT DESCRIPTION	PROJECT ADMINISTRATOR	PHASE	STATE ROUTE	OBLIGATION* FFY 2020	PROG. TOTAL FFY 2019 TO 2022	FED FUNDS REMAINING
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. Roundabouts are being recommended at the intersections of State Route 12 & Hill View Road/Elizabeth Avenue and State Route 12 & Skyline Drive.	PENNDOT	Preliminary Engineering	12	\$250,000	\$1,000,000	\$750,000
115182	PA 12 East Resurface - SR 183 to Spring Valley Rd	This project involves highway resurfacing of State Route 12 (Warren Street Bypass) with some bridge repair work and bridge deck resurfacing on nine structures from SR 183 (Schuylkill Avenue) in the City of Reading to approximately 0.5 miles east of the bridge crossing over Spring Valley Road in Muhlenberg and Alsace Townships, Berks County.	PENNDOT	Construction	12	\$11,590,824	\$11,590,824	\$0
96372	PA 29 Resurface	This project involves resurfacing PA 29 (Gravel Pike, Chestnut Street) from the Montgomery County Line to the Lehigh County Line in Berks County.	PENNDOT	Construction	29	\$98,887	\$99,200	\$313
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	Preliminary Engineering	61	\$38,228	\$862,228	\$824,000
10867	PA 61 Restoration Phase 2B	This project involves the highway restoration of State Route (SR) 61 and median barrier installation from Zions Church Road to the SR 0061/4th Street intersection area in Hamburg Borough, Windsor Township and Perry Township, Berks County, including reconfiguration of the 4th Street intersection and extension of Hawk Ridge Road to SR 61.	PENNDOT	Preliminary Engineering	61	\$1,288,363	\$1,288,363	\$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	Final Design	183	\$382,236	\$382,236	\$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	Right of Way	183	\$796,880	\$796,880	\$0

MPMS	PROJECT TITLE	PROJECT DESCRIPTION	PROJECT ADMINISTRATOR	PHASE	STATE ROUTE	OBLIGATION* FFY 2020	PROG. TOTAL FFY 2019 TO 2022	FED FUNDS REMAINING
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	Right of Way	183	\$361,800	\$361,800	\$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	Construction	183	\$6,302,801	\$6,302,801	\$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 Maiden creek Township, Berks County.	PENNDOT	Construction	222	\$5,551,162	\$28,217,280	\$22,666,118
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	\$207,058	\$268,761	\$61,703

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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 begins where Berkshire Boulevard passes over US Route 222 and continues up and around the hard curve to the Paper Mill Road exit. Currently there is an alternatives analysis underway to incorporate northbound improvements as well. 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	\$133,580	\$486,532	\$352,952
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 dependent upon finalized work limits of both MPMS #110008 for Hard Shoulder running as well as the break out portion under MPMS #114108, SR 222 Warren Street including the Penn Avenue Interchange.	PENNDOT	Final Design	222	\$381,372	\$381,372	\$0
110009	222 from 61 to BUS 222	This project involves the roadway resurfacing of US Route 222 from Route 61 to Business Route 222 (5th Street Highway). Work will include concrete patching and diamond grinding, and bridge preservation activities on 6 structures in Muhlenberg and Ontelaunee Townships, Berks County.	PENNDOT	Final Design	222	\$233,552	\$233,552	\$0
91908	North Third Street over Tulpehocken Creek	This project involves the bridge rehabilitation / replacement of State Route 419 (North Third Street) over Tulpehocken Creek including addition of shoulders to the structure that are currently non-existent in Heidelberg and Marion Townships, Berks County.	PENNDOT	Preliminary Engineering	419	\$719,364	\$719,364	\$0
94900	Freeway Service Patrol	This project funds the freeway service patrol on US Route 422, US Route 222 and PA 12 in the urban area in Berks County.	PENNDOT	Construction	422	\$13,883	\$728,300	\$714,417
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	\$1,012,000	\$1,492,000	\$480,000
85670	Camp Swatara Road ovr Little Swatara	This project involves the bridge rehabilitation / replacement of State Route 645 (Camp Swatara Road) over Little Swatara Creek in Bethel Township, Berks County.	PENNDOT	Preliminary Engineering	645	\$664,487	\$664,487	\$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	\$1,952	\$1,143,432	\$1,141,480
85648	Stoney Run Valley Road over Maiden Crk	This project involves the bridge rehabilitation / replacement of State Route 1018 (Stoney Run Valley Road) over Maiden Creek in Albany Township, Berks County.	PENNDOT	Preliminary Engineering	1018	\$216,440	\$216,440	\$0
10746	Forgedale Rd Bridge	This project involves the bridge replacement of State Route 1021 (Forgedale Road) over Beiber Creek in Rockland Township, Berks County.	PENNDOT	Final Design	1021	\$388,012	\$388,012	\$0
10746	Forgedale Rd Bridge	This project involves the bridge replacement of State Route 1021 (Forgedale Road) over Beiber Creek in Rockland Township, Berks County.	PENNDOT	Utility	1021	\$8,400	\$8,400	\$0

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10746	Forgedale Rd Bridge	This project involves the bridge replacement of State Route 1021 (Forgedale Road) over Beiber Creek in Rockland Township, Berks County.	PENNDOT	Right of Way	1021	\$108,480	\$108,480	\$0
96381	SR 2006 (Chestnut Street) Resurface	This project involves highway resurfacing of the entire length of SR 2006 (Chestnut Street) from Fourth Street to Bingaman Street in the City of Reading, Berks County.	PENNDOT	Final Design	2006	\$193,200	\$193,200	\$0
96381	SR 2006 (Chestnut Street) Resurface	This project involves highway resurfacing of the entire length of SR 2006 (Chestnut Street) from Fourth Street to Bingaman Street in the City of Reading, Berks County.	PENNDOT	Construction	2006	\$1,551,380	\$1,551,380	\$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	\$725,000	\$725,000	\$0
111502	Perkiomen Ave. Pedestrian Access	Pedestrian improvements along Perkiomen Ave. (SR 2021) including sidewalks, pedestrian lighting, pedestrian buffer, trees, and defined entrances and exits for business driveways in Exeter Township, Berks County.	PENNDOT	Construction	2021	\$1,000,000	\$1,000,000	\$0
91932	Carsonia Avenue over Antietam Creek	This project involves bridge replacement on SR 2023 (Friedensburg Road) over Antietam Creek in Lower Alsace Township, Berks County.	PENNDOT	Final Design	2023	\$490,124	\$490,124	\$0
91932	Carsonia Avenue over Antietam Creek	This project involves bridge replacement on SR 2023 (Friedensburg Road) over Antietam Creek in Lower Alsace Township, Berks County.	PENNDOT	Right of Way	2023	\$266,640	\$266,640	\$0
10753	Weavertown Road Bridge	This project involves a bridge replacement / rehabilitation on State Route 2041 (Weavertown Road) over Monocacy Creek in Amity Township, Berks County.	PENNDOT	Preliminary Engineering	2041	\$799,992	\$799,992	\$0
92043	Tollgate Rd over Leaf Creek	This project involves the bridge rehabilitation / replacement of State Route 2057 (Tollgate Road) over Leaf Creek in Amity Township, Berks County.	PENNDOT	Final Design	2057	\$305,576	\$305,576	\$0
92043	Tollgate Rd over Leaf Creek	This project involves the bridge rehabilitation / replacement of State Route 2057 (Tollgate Road) over Leaf Creek in Amity Township, Berks County.	PENNDOT	Utility	2057	\$40,000	\$40,000	\$0
92043	Tollgate Rd over Leaf Creek	This project involves the bridge rehabilitation / replacement of State Route 2057 (Tollgate Road) over Leaf Creek in Amity Township, Berks County.	PENNDOT	Right of Way	2057	\$82,560	\$82,560	\$0

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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	\$1,801,037	\$4,801,037	\$3,000,000
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	Preliminary Engineering	4025	\$492	\$0	\$(492)
10693	State Street Bridge over Mill Creek-Hamburg	This project involves the replacement of the bridge carrying SR 4028 (State Street) over Mill Creek in Hamburg Borough, Berks County.	PENNDOT	Construction	4028	\$2,158,416	\$2,400,000	\$241,584
113325	Hamburg Traffic Study	This project will involve selected recommendations from an ongoing Comprehensive Transportation Study on State Street (SR 4028) and Fourth Street (SR 4035) within the Borough of Hamburg in Berks County.	PENNDOT	Study	4028	\$211,000	\$211,000	\$0
110078	SR 4040 (Old Route 22) over Trib to Northkill Crk	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	\$101,968	\$407,932	\$305,964
103136	Blacksmith Road Bridge	This project involves the rehabilitation of the bridge carrying Blacksmith Road over Manatawny Creek in Amity Township, Berks County.	PENNDOT	Construction	7203	\$26,046	\$800	\$(25,246)
103884	Gibraltar Road Bridge	This project involves the superstructure rehabilitation of State Route 7214 (Gibraltar Road T-578) bridge over Antietam Creek in Exeter Township, Berks County. A companion project under MPMS # 110206 addresses the reconfiguration of the adjacent intersection with SR 2033 (Shelbourne Road) improvements including an addition of eastbound left turn lane and new traffic signal.	PENNDOT	Final Design	7214	\$71,440	\$365,888	\$294,448
103884	Gibraltar Road Bridge	This project involves the superstructure rehabilitation of State Route 7214 (Gibraltar Road T-578) bridge over Antietam Creek in Exeter Township, Berks County. A companion project under MPMS # 110206 addresses the reconfiguration of the adjacent intersection with SR 2033 (Shelbourne Road) improvements including an addition of eastbound left turn lane and new traffic signal.	PENNDOT	Utility	7214	\$16,000	\$16,000	\$0
103884	Gibraltar Road Bridge	This project involves the superstructure rehabilitation of State Route 7214 (Gibraltar Road T-578) bridge over Antietam Creek in Exeter Township, Berks County. A companion project under MPMS # 110206 addresses the reconfiguration of the adjacent intersection with SR 2033 (Shelbourne Road) improvements including an addition of eastbound left turn lane and new traffic signal.	PENNDOT	Right of Way	7214	\$96,960	\$96,960	\$0
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	\$341,824	\$341,824	\$0

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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	Utility	7410	\$40,000	\$40,000	\$0
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	Right of Way	7410	\$82,240	\$82,240	\$0
105928	TMC Digital Video Wall Upgrade Project	Breakout project for video wall in traffic for congestion reduction on 422	PENNDOT	Construction		\$(4)	\$0	\$0
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		\$(41,806)	\$321,200	\$0
107862	District 5 AWPM Berks 2017	Install and maintain all-weather pavement markings (AWPM) at Various Locations within the planning region.	PENNDOT	Construction	12	\$(76,950)	\$0	\$0
96372	PA 29 Resurface	This project involves resurfacing PA 29 (Gravel Pike, Chestnut Street) from the Montgomery County Line to the Lehigh County Line in Berks County.	PENNDOT	Preliminary Engineering	29	\$(14,657)	\$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	Right of Way	73	\$(671,787)	\$0	\$0
91917	SR 73 Br over Furnace Ck	This project involves a bridge replacement/rehabilitation on PA 73 over Furnace Creek in Oley Township, Berks County.	PENNDOT	Right of Way	73	\$(17,018)	\$0	\$0
96382	PA 100 Resurface	This project involves highway resurfacing of PA 100 from Dairy Lane to Seisholtzville Road (SR 1010) / Gravel Pike (PA 29) in Washington and Hereford Townships and Bally Borough, Berks County.	PENNDOT	Preliminary Engineering	100	\$(10,826)	\$0	\$0
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	\$(701,943)	\$843,401	\$0
10823	PA 345 Birdsboro Bridge	Bridge Replacement on PA 345 over the Schuylkill River and Conrail in the Borough of Birdsboro and Exeter Township, Berks County.	PENNDOT	Right of Way	345	\$(15,518)	\$0	\$0
10823	PA 345 Birdsboro Bridge	Bridge Replacement on PA 345 over the Schuylkill River and Conrail in the Borough of Birdsboro and Exeter Township, Berks County.	PENNDOT	Construction	345	\$(52,382)	\$0	\$0
94857	422 Resurf-419-Wernersville	Resurfacing to State Route 422 from State Route 419 to Wernersville Borough Line. Additional work includes Mill, pave, base repair, ADA compliant curb ramps, and multiple signalized intersections in Heidelberg Township; Robesonia Borough; Lower Heidelberg Township; South Heidelberg Township, Wernersville Borough, Berks County.	PENNDOT	Preliminary Engineering	422	\$(40,034)	\$0	\$0

MPMS	PROJECT TITLE	PROJECT DESCRIPTION	PROJECT ADMINISTRATOR	PHASE	STATE ROUTE	OBLIGATION* FFY 2020	PROG. TOTAL FFY 2019 TO 2022	FED FUNDS REMAINING
94857	422 Resurf-419-Wernersville	Resurfacing to State Route 422 from State Route 419 to Wernersville Borough Line. Additional work includes Mill, pave, base repair, ADA compliant curb ramps, and multiple signalized intersections in Heidelberg Township; Robesonia Borough; Lower Heidelberg Township; South Heidelberg Township, Wernersville Borough, Berks County.	PENNDOT	Utility	422	\$(111,800)	\$0	\$0
94857	422 Resurf-419-Wernersville	Resurfacing to State Route 422 from State Route 419 to Wernersville Borough Line. Additional work includes Mill, pave, base repair, ADA compliant curb ramps, and multiple signalized intersections in Heidelberg Township; Robesonia Borough; Lower Heidelberg Township; South Heidelberg Township, Wernersville Borough, Berks County.	PENNDOT	Right of Way	422	\$(49,312)	\$0	\$0
105962	Advance Signal for SR 422 and 2077 Intersection	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.	PENNDOT	Preliminary Engineering	422	\$(842)	\$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	Final Design	662	\$(141,101)	\$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	\$(164,642)	\$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	Construction	1003	\$(41,007)	\$800	\$0
95776	Stone Arch Bridge Design	Bridge Preservation and replacement Activities on Stone Arch Bridges in Berks County.	PENNDOT	Preliminary Engineering	1017	\$(139,910)	\$0	\$0
96379	Bingaman St Resurface	This project involves highway resurfacing of Bingaman Street (SR 2004) starting at 5th Street and ending at SR 2054 (Perkiomen Ave) in the City of Reading, Berks County. Also included as part of this project is the replacement of two existing traffic signals and associated facilities. No interconnection work will be required with this equipment upgrade.	PENNDOT	Preliminary Engineering	2004	\$(30,425)	\$0	\$0
81360	Downtown Reading Lighting	Downtown Reading Street Lighting Improvements on Penn Street from Second Street to 6th Street. Home Town Streets Project	PENNDOT	Construction	2012	\$(79,816)	\$0	\$0

MPMS	PROJECT TITLE	PROJECT DESCRIPTION	PROJECT ADMINISTRATOR	PHASE	STATE ROUTE	OBLIGATION* FFY 2020	PROG. TOTAL FFY 2019 TO 2022	FED FUNDS REMAINING
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	Final Design	2021	\$(300,000)	\$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	Utility	2021	\$(400,200)	\$0	\$0
96377	Bus 422 Resurface	The proposed roadway improvements for this project within Mt. Penn Borough include full depth pavement reconstruction, milling and overlay of the existing pavement, and curb and sidewalk replacements. Throughout Exeter Township, a center turn lane will be added to the roadway footprint. Inlets will be added, removed and/or replaced throughout the sections of full depth reconstruction and the Exeter Township center turn lane. Curb ramps will be updated to meet current ADA standards. Signing and sign lighting improvements and traffic signal retiming related to ADA curb ramp construction (pedestrian push buttons, junction box replacement, etc.) will be included in the project as well. The retiming will address pedestrian crossing and ADA requirements but not affect other signals.	PENNDOT	Right of Way	2021	\$(100,000)	\$0	\$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	Construction	2054	\$(304,384)	\$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	Preliminary Engineering	3010	\$(148,166)	\$0	\$0

MPMS	PROJECT TITLE	PROJECT DESCRIPTION	PROJECT ADMINISTRATOR	PHASE	STATE ROUTE	OBLIGATION* FFY 2020	PROG. TOTAL FFY 2019 TO 2022	FED FUNDS REMAINING
103136	Blacksmith Road Bridge	This project involves the rehabilitation of the bridge carrying Blacksmith Road over Manatawny Creek in Amity Township, Berks County.	PENNDOT	Preliminary Engineering	7203	\$(8,772)	\$0	\$0
103136	Blacksmith Road Bridge	This project involves the rehabilitation of the bridge carrying Blacksmith Road over Manatawny Creek in Amity Township, Berks County.	PENNDOT	Final Design	7203	\$(47,000)	\$0	\$0
103136	Blacksmith Road Bridge	This project involves the rehabilitation of the bridge carrying Blacksmith Road over Manatawny Creek in Amity Township, Berks County.	PENNDOT	Right of Way	7203	\$(21,320)	\$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	Preliminary Engineering	7207	\$(50,000)	\$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	Final Design	7207	\$(30,000)	\$0	\$0
103149	Harvey Ave Bridge	This project involves the replacement / rehabilitation of the bridge on Harvey Avenue (SR 7214) over Antietam Creek in Exeter Township, Berks County.	PENNDOT	Final Design	7214	\$(91,058)	\$0	\$0
103149	Harvey Ave Bridge	This project involves the replacement / rehabilitation of the bridge on Harvey Avenue (SR 7214) over Antietam Creek in Exeter Township, Berks County.	PENNDOT	Construction	7214	\$(107,138)	\$800	\$0
10766	T-575 Fisher Mill Rd Br	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.	PENNDOT	Final Design	7227	\$(104,632)	\$0	\$0
10766	T-575 Fisher Mill Rd Br	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.	PENNDOT	Construction	7227	\$(194,795)	\$800	\$0

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

FFY 2020 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 2020 OBLIGATION	FEDERAL FUNDS REMAINING	PROJECT DESCRIPTION
102289	BARTA ADA Services	5307	\$0	\$1,503,062	\$364,248	\$371,614	\$767,200	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	\$190,000	\$0	\$18,800	\$171,200	Funds purchase of a forklift to replace a 1995 forklift that has met its useful service life. Projected obligation in FFY 2021 of the remaining funds for the purchase of bus lifts to replace existing 2006 bus lifts.
102301	BARTA Capital Improvements IT Equipment	5307	\$0	\$376,000	\$0	\$195,546	\$180,454	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; and software upgrade to existing telephone system, including call recording.
102302	BARTA Facility Improvement(1)	5307	\$3,780,000	\$4,532,365	\$3,566,867	\$584,770	\$4,160,728	Funds replacement and upgrade of electrical, mechanical, lighting, fire protection and parking equipment and infrastructure at the BARTA Transportation Center.
102303	BARTA Non-Revenue Vehicles	5307	\$0	\$96,000	\$0	\$96,000	\$0	Funds the purchase of four (4) service vehicles to replace service vehicles that have exceeded their useful service life.
106740	Purchase Paratransit Vehicles	5307	\$0	\$240,605	\$0	\$0	\$240,605	Funds replacement of four (4) 2015 paratransit vehicles that have reached the end of their useful service life. Projected order and obligation of funds is April 2021.
106742	Purchase Office Equipment	5307	\$0	\$52,000	\$0	\$0	\$52,000	Funds replacement of miscellaneous office equipment, i.e. copiers, that have reached the end of their useful service life.
110608	BARTA Preventive Maintenance	5307	\$0	\$914,541	\$0	\$0	\$914,541	Funds eligible preventive maintenance costs for rolling stock and facilities. Projected obligation of funds in FFY 2021.
110609	BARTA Vehicle Replacement	CMAQ	\$0	\$3,600,000	\$900,000	\$900,000	\$1,800,000	Funds replacement of two 2009 fixed route buses that reached the end of their useful service life.
110609	BARTA Vehicle Replacement	5307	\$0	\$5,222,054	\$2,000,000	\$962,054	\$2,260,000	Funds replacement of one 2008 fixed route bus that has reached the end of its useful service life.
110609	BARTA Vehicle Replacement	5339	\$0	\$1,691,081	\$441,946	\$459,135	\$790,000	Funds replacement of one 2008 fixed route bus that has reached the end of its useful service life.
109312	ITS Facility Upgrades	5307	\$203,175	\$0	\$45,764	\$7,647	\$149,764	Funds purchase and installation of computer hardware to support customer enhancement program.
102299	BARTA Vehicle Replacement	5307	\$117,548	\$0	\$0	\$117,548	\$0	Funds replacement of two 2014 shared ride vehicles that have reached the end of their useful service life.
109311	Purchase Shared Ride Vehicles	5307	\$200,000	\$0	\$0	\$200,000	\$0	Funds replacement of three 2014 shared ride vehicles that have reached the end of their useful service life.
105825	Purchase Shared Ride Vehicles(2)	5307	\$401,619	\$0	\$119,191	\$282,428	\$0	Funds replacement of five 2014 shared ride vehicles that have reached the end of their useful service life.
TOTAL FUNDS OBLIGATED IN FFY 2020						\$4,195,542		
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 are all funds from the FFY 2017-2020 TIP.								
(2) Federal Programmed Amount listed was actually programmed in the FFY 2015-2018 TIP.								
Funding Sources:		5307	Federal - Urbanized Area Formula Program					
		5339	Federal - Bus and Bus Facilities Program					
		CMAQ	Federal - Congestion Mitigation/Air Quality Program					