

2021 STATEWIDE ITEMS TRANSPORTATION IMPROVEMENT PROGRAM SUMMARY

Prepared by PennDOT's Center for Program Development and Management, provided statewide as part of regional Transportation Improvement Program Public Comment Period



April 30, 2020

2021 Statewide Program

Statewide Items (STWD Items) – The Statewide Items Transportation Improvement Program (TIP) contains approximately \$330M per year of transportation funding and is managed in PennDOT’s Center for Program Development and Management (CPDM) as a stand-alone TIP. It is comprised of a variety of statewide and multi-region projects, spending line items for routine transportation related work, and reserve line items that hold funds for a variety of programs and Statewide Managed Programs.

Statewide and multi-region projects generally have a scope of work that includes locations throughout Pennsylvania or with locations that span across more than one planning region or engineering district. Statewide projects may also include research or demonstration projects funded with a specified allocation of state or federal funding. Other examples include projects coordinated with the Pennsylvania Turnpike Commission or other state agencies or commissions, projects coordinated with county and local government agencies, and projects coordinated with other business partners and associations. Statewide projects are of a statewide nature and would not typically be funded on a Metropolitan Planning Organization (MPO) or Rural Planning Organization (RPO) Highway and Bridge TIP.

Routine spending line items generally have predictable costs each year and cover various aspects of project development, construction and asset management. They include funding for planning, Pooled Fund Studies, inter-agency environmental review, accounts for take-up of right-of-way claims for project closeout, training for, and inspection of, state and local bridges and other structures, the Local Technical Assistance Program, Disadvantaged Business Enterprise Supportive Services, Traffic Monitoring Site installation and repair, costs related to the deployment of Transportation Systems Management and Operations projects, costs associated with the Rapid Bridge Replacement program, and oversight and management of Statewide Managed Programs.

Reserve line items on the Statewide Items TIP are used to maintain fiscal constraint of the overall Statewide Transportation Improvement Program (STIP). They provide a STIP fiscal balancing facility to use when adding or removing projects, or when existing projects have cost savings or overruns, whether those projects are on the Statewide Items TIP, or not. Reserve line items are held for state and federal highway and bridge funds, and a variety of other programs and funds types. For example, the Multimodal Reserve is used to fund state multimodal projects on regional TIPs. The Transit Flex Reserve holds highway funds that are flexed to transit and used each year to add regional transit projects as determined by the Pennsylvania Public Transit Association in cooperation with PennDOT’s Bureau of Public Transit. The DCNR Rec Trail Reserve provides funds for the Recreational Trails program. This program is operated by the Department of Conservation and Natural Resources in cooperation with CPDM. Projects for education and administration of the program, as well as the Rec Trails projects themselves, are maintained on the STWD Items TIP.

Statewide Managed Programs

Statewide Managed Programs are cooperatively developed by PennDOT Central Office and Engineering Districts, MPO and RPOs, Federal Highway Administration (FHWA), and any other interested stakeholders. Programs are managed continuously in coordination with involved parties. The RRX Reserve, HSIP Set-aside Reserve, TAP Reserve, TIIF Reserve, the Secretary’s Discretionary (Spike)

Reserves are all held on the STWD Items TIP and serve to balance the STIP with projects programmed on regional TIPS.

Rail-Highway Crossing Safety Program (RRX) – Pennsylvania is allocated \$7.196M each year in federal Section 130 funding for Rail-Highway Crossing Safety program. The RRX Program provides funding to eliminate hazards associated with at-grade highway and railroad crossings. Funding is used for installation of gates and flashing light warning systems, to upgrade existing warning systems, and for the removal of at-grade crossings. The RRX Reserve line Item is held on the STWD Items TIP, and projects are programmed on regional TIPS with the fund code RRX.

The RRX program is developed by PennDOT CPDM and Bureau of Project Delivery staff in coordination with District Grade Crossing Engineers/Administrators (DGCE/As) at the annual Statewide Grade Crossing meeting held in October. Projects without regular obligation, or with Advance Construction (AC) obligation, are carried on the draft STIP. New projects are cash-flowed to later years. Regular obligation of carry-over projects prior to draft STIP adoption frees up funding to advance new projects.

RRX funding may only be used on open, public heavy (passenger and freight) rail crossings. Projects are prioritized first at locations in the top 25% highest hazard rating from the FRA Web Accident Prediction System (WBAPS). Other crossings along the same rail line can be included to form larger corridor projects. Local or railroad safety concerns, or MPO/RPO concerns communicated through their DGCE/A, which may not be identified in WBAPS are also considered. These include issues such as increased train traffic, limited sight-distance, near-miss history or antiquated warning devices. A list of 2021 Draft RRX Program projects is included with this document.

Highway Safety Improvement Program (HSIP) Set-aside – The purpose of the HSIP is to achieve a significant reduction in fatalities and serious injuries on all public roads. Implementation of the Strategic Highway Safety Plan (SHSP) through data driven safety analysis supports achieving these reductions. Pennsylvania receives \$101.3M in HSIP funding each year, of which, \$35M is designated for the HSIP Set-aside. Utilization of low-cost safety improvements system-wide also supports fatal and serious injury reductions. The HSIP Set-aside is used to implement the low-cost, systematic safety countermeasures identified in the Roadway Departure Safety Implementation Plan (RDIP) and the Intersection Safety Implementation Plan (ISIP). The HSIP Set-aside is also used to advance larger safety projects by providing additional funding where necessary. The HSIP Set-aside Reserve line Item is held on the STWD Items TIP, and projects are programmed on regional TIPS with the fund code sHSIP.

HSIP funding proposals may be submitted by an MPO/RPO, and are reviewed for eligibility through an approval workflow involving District and Central Office safety and planning staff prior to programming on a TIP. A conference call was held in February 2019 with the Districts and in April 2019 with the MPOs/RPOs to outline the schedule and application requirements for the FFY 2021 HSIP Set-aside. Set-aside funding application were accepted from August 1 – September 30, 2019. A data-driven safety analysis in the form of Benefit/Cost (B/C) Life Cycle analysis or Highway Safety Manual (HSM) analysis was required. Priority locations were recommended to be identified through HSM Network Screening, Speed Management Action Plan locations, or Road Safety Audit locations. Evaluation criteria were weighted, and each project was scored and ranked. Evaluation criteria included B/C analysis, HSM analysis, fatal and injury crashes, application of systematic improvements, improvement on local roads, and deliverability.

Recommended projects meet eligibility requirements, were selected based on evaluation criteria scoring, and demonstrate a significant potential safety return for the cost, within the current available funding. Carryover projects were approved in prior rounds of funding, or separately by the Program Management Committee (PMC) which is the central decision-making body for transportation improvement projects within PennDOT and was structured to cover impacts of changes to the capital funds program. Projects not recommended for funding will remain as candidate proposals to be considered as regional or Set-aside program funds become available. FHWA has reviewed and concurs with the proposed program of projects. The HSIP Set-aside continually monitored by Central Office CPDM and Bureau of Maintenance and Operations staff to maximize funding and project delivery. A list of 2021 Draft HSIP Set-aside Program projects is included with this document.

Transportation Alternatives Set-aside (TAP) – The Transportation Alternatives Set-aside of the Surface Transportation Block Grant Program (TA Set-aside) provides \$25 million a year for programs and projects defined as transportation alternatives, including on- and off-road pedestrian and bicycle facilities, infrastructure projects for improving non-driver access to public transportation and enhanced mobility, community improvement activities, environmental mitigation, trails that serve a transportation purpose, and safe routes to school projects.

The Fixing America's Surface Transportation (FAST) Act further sub-allocates TA Set-aside funding based upon population. Funds available for any area of the state, urban areas with populations of 5,001 to 200,000 and areas with population of 5,000 or less are centrally managed by PennDOT. PennDOT Central Office, with coordination and input from PennDOT Districts and MPOs/RPOs, selects projects through a statewide competitive application process. Projects are evaluated using PennDOT's Core Principles, which are found in [Design Manual 1](#). These Principles encourage transportation investments that are tailored to important local factors, including land use, financial concerns, and overall community context. Project deliverability, safety, and the ability to support EJ principles and enhance local or regional mobility are also considered during project evaluation. The planning and programming responsibilities for these TA Set-aside funds are handled by PennDOT CPDM and funding is fiscally constrained to an annual funding level by Financial Guidance.

Selected projects are added to regional TIPs utilizing a Statewide Line Item to maintain fiscal constraint. Projects selected under previous application rounds without regular obligation or with AC obligation will be carried over from the current Program. The balance of funds from any carryover projects will remain in a Statewide Line Item on the Statewide Program until there is a new or continuing Federal Authorization that includes updated provisions for the program. Additional information about the TA Set-aside can be found on PennDOT's [TA Set-aside Funding Site](#).

A separate regional allocation of funding is available for urbanized areas with populations over 200,000. These funds are available for MPOs to administer competitive applications rounds to select eligible projects for inclusion on their regional TIPs. Funding is fiscally constrained based on annual funding amounts provided in Financial Guidance. The MPOs/RPOs will coordinate with the PennDOT CPDM TA Set-aside state coordinator prior to initiating a project selection round.

Transportation Infrastructure Investment Fund (TIIF) – \$25 million per year in state highway capital funds is made available for improvements to eligible state-owned transportation facilities associated with economic development opportunities (designated as e581 on the TIPs). Project funding is authorized by the Governor of Pennsylvania through the office of the Secretary of the Department of Community and Economic Development (DCEd). DCEd works closely with PennDOT and the office of

the Deputy Secretary for Planning to ensure project eligibility. Approved projects are administered in cooperation with PennDOT Districts and CPDM and programmed on regional TIPs. A list of 2021 Draft TIF Program projects is included with this document.

Secretary's Discretionary (Spike) Reserves – Financial Guidance includes a Set-aside of several types of highway funding reserved for the Secretary of Transportation's discretion, commonly referred as "Spike". The Secretary's Spike funding is fiscally constrained to an annual funding level provided by Financial Guidance. The Spike funding planning and programming responsibilities are handled by PennDOT CPDM, based on direction provided from the Secretary.

Historically, the Secretary of Transportation has selected projects to receive Spike funding to offset the impact of high-cost projects, implement special initiatives, or advance statewide priority projects. The Spike funding decisions typically continue previous Spike commitments, with any new project selections aligning with the Department's strategic direction and investment goals. Selected Spike projects are included in regional TIPs or the Interstate Management TIP, utilizing Reserve Line Items from the STWD Items TIP to maintain overall STIP fiscal constraint. Spike projects are indicated with a lower-case "s" before the fund code (ex. sNHPP).

Transportation Systems Management and Operations (TSMO) – TSMO is a set-aside from the Spike funds with a focus on ensuring a high-quality, well-functioning intelligent transportation system. Promotes and supports implementation of TSMO strategies to resolve key mobility and safety issues. Application period was from November 1, 2019 through December 13, 2019. The first approved project was the Central Office application for the continuation of the INRIX data as this is a statewide effort with the data available and used by all of the Regional Traffic Management Centers (RTMCs/TMCs) for their traffic operation efforts. Secondly, we approved all applications pertaining to the replacement of antiquated ITS devices, as this continues to be our primary mission. We believe that we must bring the existing ITS infrastructure to today's standards so that we may develop a plan to replace devices based upon their life-cycle.

Next, we focused our attention to non-interstate projects as we are trying to promote more local projects with the MPO/RPOs. The remaining funds were distributed based on the following priorities: 1. TSMO Efforts; 2. New Devices; and 3. Communications.

Selected projects were shared with FHWA on January 15, 2020. Selected projects were shared with MPO/RPOs and Districts on February 6, 2020.

The Statewide TIP will be included with regional TIP public comment periods. Upon approval of the STIP, Statewide projects and initiatives will be monitored and managed based on scope changes and project schedules. Statewide Items project lists are included below.

**2021 STATEWIDE ITEMS TRANSPORTATION
IMPROVEMENT PROGRAM PROJECT LIST**

**2021 STATEWIDE ITEMS TRANSPORTATION
IMPROVEMENT PROGRAM PUBLIC
NARRATIVE REPORT**

Central Office

PennDOT Project Id: 10

Project Administrator: PENNDOT

Title: DBE Supportive Services

Improvement Type: Administration

State Route: 0

Municipality:

Air Quality Status: AQ Conformity Does Not Apply

Estimated Construction Bid Date:

Actual Construction Bid Date:

Location: Statewide

Project Description: Funding for PennDOT's Bureau of Equal Opportunity Disadvantaged Business Enterprise Supportive Services.

Project Costs(In Thousands)							
Phase	Fund	2021	2022	2023	2024	2025 - 2028	2029 - 2032
Construction	DBE	\$676	\$676	\$676	\$676	\$1,690	\$169
Construction	581	\$169	\$169	\$169	\$169	\$1,690	\$676
	Federal:	\$676	\$676	\$676	\$676	\$1690	\$169
	State:	\$169	\$169	\$169	\$169	\$1690	\$676
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	\$845	\$845	\$845	\$845	\$3,380	\$845
Total FFY 2021-2032 Cost		\$7,605					

PennDOT Project Id: 59763

Project Administrator: PennDOT

Title: Transit Flex Reserve

Improvement Type: Transit System Improvement

State Route: 0

Municipality:

Air Quality Status: AQ Conformity Does Not Apply

Estimated Construction Bid Date:

Actual Construction Bid Date:

Location: Statewide

Project Description: Statewide reserve of funds available for transfer (flex) to Transit. Pennsylvania Act 3 of 1997 provides that \$25 million per year of Federal highway funding will be flexed to transit agencies to fund transit projects. \$17,083,000 of this is flexed directly to Southeastern Pennsylvania Transportation Authority (SEPTA), and \$6,172,200 is flexed directly to the Port Authority of Allegheny CO. The remaining funds are held in the Transit Flex Reserve to fund projects as determined by the Pennsylvania Public Transit Association (PPTA).

Project Costs(In Thousands)							
Phase	Fund	2021	2022	2023	2024	2025 - 2028	2029 - 2032
Construction	STP	\$1,745	\$1,745	\$1,745	\$1,745	\$6,979	\$6,979
	Federal:	\$1745	\$1745	\$1745	\$1745	\$6979	\$6979
	State:	\$0	\$0	\$0	\$0	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	\$1,745	\$1,745	\$1,745	\$1,745	\$6,979	\$6,979
Total FFY 2021-2032 Cost		\$20,938					

PennDOT Project Id: 60469

Project Administrator: PennDOT

Title: TIF Reserve

Improvement Type: Miscellaneous

State Route: 0

Municipality:

Air Quality Status: AQ Conformity Does Not Apply

Estimated Construction Bid Date:

Actual Construction Bid Date:

Location: Statewide

Project Description: Transportation Infrastructure Investment Fund - \$25 million per year in Highway Capital state funds for eligible transportation improvements associated with economic development opportunities. Approvals to utilize this funding is at the discretion of the Governor's office and PennDOT Executive Leadership.

Project Costs(In Thousands)							
Phase	Fund	2021	2022	2023	2024	2025 - 2028	2029 - 2032
Construction	581	\$16,590	\$5,402	\$14,978	\$21,225	\$100,000	\$100,000
	Federal:	\$0	\$0	\$0	\$0	\$0	\$0
	State:	\$16590	\$5402	\$14978	\$21225	\$100000	\$100000
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	\$16,590	\$5,402	\$14,978	\$21,225	\$100,000	\$100,000
Total FFY 2021-2032 Cost		\$258,195					

PennDOT Project Id: 60560

Project Administrator: PennDOT

Title: TAP Reserve

Improvement Type: Transportation Enhancement

State Route: 0

Municipality:

Air Quality Status: AQ Conformity Does Not Apply

Estimated Construction Bid Date:

Actual Construction Bid Date:

Location: Statewide

Project Description: Statewide Reserve of funds for Transportation Alternatives Program (TAP) projects.

Project Costs(In Thousands)							
Phase	Fund	2021	2022	2023	2024	2025 - 2028	2029 - 2032
Construction	TAP	\$523	\$305	\$6,313	\$18,309	\$73,236	\$73,236
	Federal:	\$523	\$305	\$6313	\$18309	\$73236	\$73236
	State:	\$0	\$0	\$0	\$0	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	\$523	\$305	\$6,313	\$18,309	\$73,236	\$73,236
Total FFY 2021-2032 Cost		\$171,922					

PennDOT Project Id: 74548

Project Administrator: PennDOT

Title: Pooled Fund Studies LI

Improvement Type: Research

State Route: 0

Municipality:

Air Quality Status: AQ Conformity Does Not Apply

Estimated Construction Bid Date:

Actual Construction Bid Date:

Location: Statewide

Project Description: PennDOT's contribution to the Federal Transportation Pooled Fund program. More information on the program can be found at <http://www.pooledfund.org/>.

Project Costs(In Thousands)							
Phase	Fund	2021	2022	2023	2024	2025 - 2028	2029 - 2032
Planning/Research/Adminis	SPR	\$500	\$500	\$500	\$500	\$2,000	\$2,000
	Federal:	\$500	\$500	\$500	\$500	\$2000	\$2000
	State:	\$0	\$0	\$0	\$0	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	\$500	\$500	\$500	\$500	\$2,000	\$2,000
Total FFY 2021-2032 Cost		\$6,000					

PennDOT Project Id: 77786

Project Administrator: PennDOT
Improvement Type: Restoration
Municipality:

Title: State Highway Reserve
State Route: 0
Air Quality Status: AQ Conformity Does Not Apply

Estimated Construction Bid Date:

Actual Construction Bid Date:
Location: Statewide

Project Description: State Highway Reserve

Project Costs(In Thousands)							
Phase	Fund	2021	2022	2023	2024	2025 - 2028	2029 - 2032
Construction	581	\$25,000	\$25,000	\$25,000	\$25,000	\$100,000	\$100,000
	Federal:	\$0	\$0	\$0	\$0	\$0	\$0
	State:	\$25000	\$25000	\$25000	\$25000	\$100000	\$100000
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	\$25,000	\$25,000	\$25,000	\$25,000	\$100,000	\$100,000
Total FFY 2021-2032 Cost		\$300,000					

PennDOT Project Id: 82335

Project Administrator: PennDOT
Improvement Type: Miscellaneous
Municipality:

Title: State Bridge Reserve
State Route: 0
Air Quality Status: AQ Conformity Does Not Apply

Estimated Construction Bid Date:

Actual Construction Bid Date:
Location: Statewide

Project Description: State Bridge Reserve

Project Costs(In Thousands)							
Phase	Fund	2021	2022	2023	2024	2025 - 2028	2029 - 2032
Construction	185	\$25,000	\$25,000	\$25,000	\$25,000	\$100,000	\$100,000
	Federal:	\$0	\$0	\$0	\$0	\$0	\$0
	State:	\$25000	\$25000	\$25000	\$25000	\$100000	\$100000
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	\$25,000	\$25,000	\$25,000	\$25,000	\$100,000	\$100,000
Total FFY 2021-2032 Cost		\$300,000					

PennDOT Project Id: 84337

Project Administrator: PennDOT
Improvement Type: Miscellaneous
Municipality:

Title: State (15%) Reserve
State Route: 0
Air Quality Status: AQ Conformity Does Not Apply

Estimated Construction Bid Date:

Actual Construction Bid Date:
Location: Statewide

Project Description: Statewide Reserve for the Secretary's discretionary funding (spike).

Project Costs(In Thousands)							
Phase	Fund	2021	2022	2023	2024	2025 - 2028	2029 - 2032
Construction	581	\$0	\$721	\$94	\$0	\$362	\$0
	Federal:	\$0	\$0	\$0	\$0	\$0	\$0
	State:	\$0	\$721	\$94	\$0	\$362	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	\$0	\$721	\$94	\$0	\$362	\$0
Total FFY 2021-2032 Cost		\$1,177					

PennDOT Project Id: 84371

Project Administrator: PennDOT
Improvement Type: Administration
Municipality:

Title: Bridg Insp Training LI
State Route: 0
Air Quality Status: AQ Conformity Does Not Apply

Estimated Construction Bid Date:

Actual Construction Bid Date:
Location: Statewide - Bridges

Project Description: Statewide funding for bridge inspection training.

Project Costs(In Thousands)							
Phase	Fund	2021	2022	2023	2024	2025 - 2028	2029 - 2032
Construction	STP	\$480	\$480	\$480	\$480	\$1,920	\$1,920
Construction	582	\$120	\$120	\$120	\$120	\$480	\$480
	Federal:	\$480	\$480	\$480	\$480	\$1920	\$1920
	State:	\$120	\$120	\$120	\$120	\$480	\$480
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	\$600	\$600	\$600	\$600	\$2,400	\$2,400
Total FFY 2021-2032 Cost		\$7,200					

PennDOT Project Id: 84372

Project Administrator: PennDOT
Improvement Type: Miscellaneous
Municipality:

Title: Federal SRTS Reserve
State Route: 0
Air Quality Status: AQ Conformity Does Not Apply

Estimated Construction Bid Date:

Actual Construction Bid Date:
Location: Statewide

Project Description: Federal Safe Routes to School Reserve.

Project Costs(In Thousands)							
Phase	Fund	2021	2022	2023	2024	2025 - 2028	2029 - 2032
Construction	SRTSF	\$1,500	\$1,500	\$1,500	\$1,500	\$0	\$0
	Federal:	\$1500	\$1500	\$1500	\$1500	\$0	\$0
	State:	\$0	\$0	\$0	\$0	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	\$1,500	\$1,500	\$1,500	\$1,500	\$0	\$0
Total FFY 2021-2032 Cost		\$6,000					

PennDOT Project Id: 87583

Project Administrator: PennDOT
Improvement Type: Administration
Municipality:

Title: Env Rev US Army Corps
State Route: 0
Air Quality Status: AQ Conformity Does Not Apply

Estimated Construction Bid Date:

Actual Construction Bid Date:
Location: Statewide - Environmental Review

Project Description: State Contract with US Army Corps Engineers for environmental reviews..

Project Costs(In Thousands)							
Phase	Fund	2021	2022	2023	2024	2025 - 2028	2029 - 2032
Preliminary Engineering	STP	\$520	\$520	\$520	\$520	\$2,080	\$2,080
Preliminary Engineering	581	\$130	\$130	\$130	\$130	\$520	\$520
Federal:		\$520	\$520	\$520	\$520	\$2080	\$2080
State:		\$130	\$130	\$130	\$130	\$520	\$520
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		2021	2022	2023	2024	2025 - 2028	2029 - 2032
		\$650	\$650	\$650	\$650	\$2,600	\$2,600
Total FFY 2021-2032 Cost		\$7,800					

PennDOT Project Id: 87584

Project Administrator: PennDOT
Improvement Type: Administration
Municipality:

Title: Env Rev US F&WS
State Route: 0
Air Quality Status: AQ Conformity Does Not Apply

Estimated Construction Bid Date:

Actual Construction Bid Date:
Location: Statewide - Environmental Review

Project Description: State Contract with US Fish and Wildlife Service for environmental reviews..

Project Costs(In Thousands)							
Phase	Fund	2021	2022	2023	2024	2025 - 2028	2029 - 2032
Preliminary Engineering	STP	\$281	\$290	\$298	\$298	\$1,193	\$1,193
Preliminary Engineering	581	\$70	\$72	\$75	\$75	\$298	\$298
Federal:		\$281	\$290	\$298	\$298	\$1193	\$1193
State:		\$70	\$72	\$75	\$75	\$298	\$298
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		2021	2022	2023	2024	2025 - 2028	2029 - 2032
		\$351	\$362	\$373	\$373	\$1,491	\$1,491
Total FFY 2021-2032 Cost		\$4,441					

PennDOT Project Id: 87585

Project Administrator: PennDOT
Improvement Type: Administration
Municipality:

Title: Env Rev PHMC
State Route: 0
Air Quality Status: AQ Conformity Does Not Apply

Estimated Construction Bid Date:

Actual Construction Bid Date:
Location: Statewide - Environmental Review

Project Description: State Contract with PA Historic and Museum Commission for environmental reviews..

Project Costs(In Thousands)							
Phase	Fund	2021	2022	2023	2024	2025 - 2028	2029 - 2032
Preliminary Engineering	STP	\$287	\$295	\$304	\$304	\$1,217	\$1,217
Preliminary Engineering	581	\$72	\$74	\$76	\$76	\$304	\$304
Federal:		\$287	\$295	\$304	\$304	\$1217	\$1217
State:		\$72	\$74	\$76	\$76	\$304	\$304
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		\$359	\$369	\$380	\$380	\$1,521	\$1,521
Total FFY 2021-2032 Cost		\$4,530					

PennDOT Project Id: 87586

Project Administrator: PennDOT
Improvement Type: Administration
Municipality:

Title: Env Rev PA Fish/Boat
State Route: 0
Air Quality Status: AQ Conformity Does Not Apply

Estimated Construction Bid Date:

Actual Construction Bid Date:
Location: Statewide - Environmental Review

Project Description: State Contract with PA Fish and Boat Commission for environmental reviews.

Project Costs(In Thousands)							
Phase	Fund	2021	2022	2023	2024	2025 - 2028	2029 - 2032
Preliminary Engineering	STP	\$183	\$188	\$194	\$194	\$775	\$775
Preliminary Engineering	581	\$46	\$47	\$48	\$48	\$194	\$194
Federal:		\$183	\$188	\$194	\$194	\$775	\$775
State:		\$46	\$47	\$48	\$48	\$194	\$194
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		\$229	\$235	\$242	\$242	\$969	\$969
Total FFY 2021-2032 Cost		\$2,886					

PennDOT Project Id: 87587

Project Administrator: PennDOT
Improvement Type: Administration
Municipality:

Title: Env Rev PA Game Comm
State Route: 0
Air Quality Status: AQ Conformity Does Not Apply

Estimated Construction Bid Date:

Actual Construction Bid Date:
Location: Statewide - Environmental Review

Project Description: State Contract with PA Game Commission for environmental review

Project Costs(In Thousands)							
Phase	Fund	2021	2022	2023	2024	2025 - 2028	2029 - 2032
Preliminary Engineering	STP	\$64	\$64	\$64	\$64	\$255	\$255
Preliminary Engineering	581	\$16	\$16	\$16	\$16	\$64	\$64
Federal:		\$64	\$64	\$64	\$64	\$255	\$255
State:		\$16	\$16	\$16	\$16	\$64	\$64
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		\$80	\$80	\$80	\$80	\$319	\$319
Total FFY 2021-2032 Cost		\$958					

PennDOT Project Id: 87588

Project Administrator: PennDOT
Improvement Type: Administration
Municipality:

Title: Env Rev PA DEP
State Route: 0
Air Quality Status: AQ Conformity Does Not Apply

Estimated Construction Bid Date:

Actual Construction Bid Date:
Location: Statewide - Environmental Review

Project Description: State Contract with PA Department of Environmental Protection for environmental reviews.

Project Costs(In Thousands)							
Phase	Fund	2021	2022	2023	2024	2025 - 2028	2029 - 2032
Preliminary Engineering	STP	\$1,189	\$1,224	\$1,261	\$1,261	\$5,044	\$5,044
Preliminary Engineering	581	\$297	\$306	\$315	\$315	\$1,261	\$1,261
Federal:		\$1189	\$1224	\$1261	\$1261	\$5044	\$5044
State:		\$297	\$306	\$315	\$315	\$1261	\$1261
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		\$1,486	\$1,530	\$1,576	\$1,576	\$6,305	\$6,305
Total FFY 2021-2032 Cost		\$18,778					

PennDOT Project Id: 88614

Project Administrator: PennDOT
Improvement Type: Bridge Preservation Activities
Municipality:

Title: 179 Fund Closeout
State Route: 0
Air Quality Status: AQ Conformity Does Not Apply

Estimated Construction Bid Date:

Actual Construction Bid Date:
Location: Statewide

Project Description: Line item for close out of carryover appropriation 179 (Act 26) funds. Funds are to replace 5% Local share for county owned bridge projects in disadvantaged counties in the Commonwealth.

Project Costs(In Thousands)							
Phase	Fund	2021	2022	2023	2024	2025 - 2028	2029 - 2032
Construction	179	\$250	\$250	\$250	\$250	\$1,000	\$1,000
Federal:		\$0	\$0	\$0	\$0	\$0	\$0
State:		\$250	\$250	\$250	\$250	\$1000	\$1000
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		\$250	\$250	\$250	\$250	\$1,000	\$1,000
Total FFY 2021-2032 Cost		\$3,000					

PennDOT Project Id: 91407

Project Administrator: PennDOT
Improvement Type: Administration
Municipality:

Title: Env Rev PA DCNR
State Route: 0
Air Quality Status: AQ Conformity Does Not Apply

Estimated Construction Bid Date:

Actual Construction Bid Date:
Location: Statewide - Environmental Review

Project Description: State Contract with PA Department of Conservation and Natural Resources for environmental reviews.

Project Costs(In Thousands)							
Phase	Fund	2021	2022	2023	2024	2025 - 2028	2029 - 2032
Preliminary Engineering	STP	\$98	\$101	\$104	\$104	\$414	\$414
Preliminary Engineering	581	\$24	\$25	\$26	\$26	\$104	\$104
Federal:		\$98	\$101	\$104	\$104	\$414	\$414
State:		\$24	\$25	\$26	\$26	\$104	\$104
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		\$122	\$126	\$130	\$130	\$518	\$518
Total FFY 2021-2032 Cost		\$1,544					

PennDOT Project Id: 94921

Project Administrator: PennDOT
Improvement Type: Administration
Municipality:

Title: State Inventory/Inspect
State Route: 0
Air Quality Status: AQ Conformity Does Not Apply

Estimated Construction Bid Date:

Actual Construction Bid Date:
Location: Statewide - Bridges

Project Description: Statewide funding for the inventory and inspection of walls and signs on and off the Federal-aid System (based on two-year cycle inspections).

Project Costs(In Thousands)							
Phase	Fund	2021	2022	2023	2024	2025 - 2028	2029 - 2032
Final Design	STP	\$1,920	\$1,920	\$1,920	\$1,920	\$7,680	\$7,680
Final Design	582	\$480	\$480	\$480	\$480	\$1,920	\$1,920
Federal:		\$1920	\$1920	\$1920	\$1920	\$7680	\$7680
State:		\$480	\$480	\$480	\$480	\$1920	\$1920
Local/Other:		\$0	\$0	\$0	\$0	\$0	\$0
Period Totals:		\$2,400	\$2,400	\$2,400	\$2,400	\$9,600	\$9,600
Total FFY 2021-2032 Cost		\$28,800					

PennDOT Project Id: 101924

Project Administrator: PennDOT
Improvement Type: Planning
Municipality:

Title: Planning Reserve
State Route: 0
Air Quality Status: AQ Conformity Does Not Apply

Estimated Construction Bid Date:

Actual Construction Bid Date:
Location: Statewide

Project Description: Statewide reserve for Statewide Planning & Research (SPR) funds.

Project Costs(In Thousands)							
Phase	Fund	2021	2022	2023	2024	2025 - 2028	2029 - 2032
Planning/Research/Adminis	SPR	\$64,272	\$66,844	\$69,517	\$72,298	\$289,192	\$289,192
Planning/Research/Adminis	581	\$8,034	\$8,355	\$8,690	\$9,037	\$36,148	\$36,148
Planning/Research/Adminis	LOC	\$8,034	\$8,355	\$8,690	\$9,037	\$36,148	\$36,148
Federal:		\$64272	\$66844	\$69517	\$72298	\$289192	\$289192
State:		\$8034	\$8355	\$8690	\$9037	\$36148	\$36148
Local/Other:		\$8034	\$8355	\$8690	\$9037	\$36148	\$36148
Period Totals:		\$80,340	\$83,554	\$86,897	\$90,372	\$361,488	\$361,488
Total FFY 2021-2032 Cost		\$1,064,139					

PennDOT Project Id: 101969

Project Administrator: PennDOT

Improvement Type: Safety Improvement

Municipality:

Title: HSIP Set Aside Reserve

State Route: 0

Air Quality Status: AQ Conformity Does Not Apply

Estimated Construction Bid Date:

Actual Construction Bid Date:

Location: Statewide

Project Description: Statewide Reserve for Highway Safety Improvement Program (HSIP) funds. The funds are used to advance statewide low-cost, systematic safety improvements.

Project Costs(In Thousands)							
Phase	Fund	2021	2022	2023	2024	2025 - 2028	2029 - 2032
Construction	HSIP	\$0	\$0	\$27,354	\$35,000	\$140,000	\$140,000
	Federal:	\$0	\$0	\$27354	\$35000	\$140000	\$140000
	State:	\$0	\$0	\$0	\$0	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	\$0	\$0	\$27,354	\$35,000	\$140,000	\$140,000
Total FFY 2021-2032 Cost		\$342,354					

PennDOT Project Id: 102620

Project Administrator: PennDOT

Improvement Type: Miscellaneous

Municipality:

Title: STP Reserve

State Route: 0

Air Quality Status: AQ Conformity Does Not Apply

Estimated Construction Bid Date:

Actual Construction Bid Date:

Location: Statewide

Project Description: Statewide reserve for discretionary Surface Transportation Program (STP) funds.

Project Costs(In Thousands)							
Phase	Fund	2021	2022	2023	2024	2025 - 2028	2029 - 2032
Construction	STP	\$400	\$0	\$0	\$0	\$363	\$0
	Federal:	\$400	\$0	\$0	\$0	\$363	\$0
	State:	\$0	\$0	\$0	\$0	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	\$400	\$0	\$0	\$0	\$363	\$0
Total FFY 2021-2032 Cost		\$763					

PennDOT Project Id: 102623

Project Administrator: PennDOT

Improvement Type: Bridge Replacement

Municipality:

Title: RBR Reserve

State Route: 0

Air Quality Status: AQ Conformity Does Not Apply

Estimated Construction Bid Date:

Actual Construction Bid Date:

Location: Statewide

Project Description: Statewide reserve for contingencies related to PennDOT's Public, Private, Partnership (P3) Rapid Bridge Replacement (RBR) project.

Project Costs(In Thousands)							
Phase	Fund	2021	2022	2023	2024	2025 - 2028	2029 - 2032
Construction	581	\$2,500	\$2,500	\$2,500	\$2,500	\$0	\$0
	Federal:	\$0	\$0	\$0	\$0	\$0	\$0
	State:	\$2500	\$2500	\$2500	\$2500	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	\$2,500	\$2,500	\$2,500	\$2,500	\$0	\$0
Total FFY 2021-2032 Cost		\$10,000					

PennDOT Project Id: 102893

Project Administrator: PennDOT

Title: Multimodal Reserve

Improvement Type: Miscellaneous

State Route: 0

Municipality:

Air Quality Status: AQ Conformity Does Not Apply

Estimated Construction Bid Date:

Actual Construction Bid Date:

Location: Statewide

Project Description: Statewide reserve for PennDOT's Multimodal Transportation funds.

Project Costs(In Thousands)							
Phase	Fund	2021	2022	2023	2024	2025 - 2028	2029 - 2032
Construction	411	\$78,792	\$80,344	\$80,344	\$81,958	\$334,612	\$348,861
	Federal:	\$0	\$0	\$0	\$0	\$0	\$0
	State:	\$78792	\$80344	\$80344	\$81958	\$334612	\$348861
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	\$78,792	\$80,344	\$80,344	\$81,958	\$334,612	\$348,861
Total FFY 2021-2032 Cost		\$1,004,911					

PennDOT Project Id: 104411

Project Administrator: PennDOT

Title: T1IF Oversight and Mngmt

Improvement Type: Administration

State Route: 0

Municipality:

Air Quality Status: AQ Conformity Does Not Apply

Estimated Construction Bid Date:

Actual Construction Bid Date:

Location: Statewide

Project Description: Statewide funding to support the oversight and management of approved Transportation Infrastructure Investment Fund (T1IF) projects.

Project Costs(In Thousands)							
Phase	Fund	2021	2022	2023	2024	2025 - 2028	2029 - 2032
Preliminary Engineering	581	\$3,400	\$3,400	\$3,400	\$3,400	\$13,600	\$13,600
	Federal:	\$0	\$0	\$0	\$0	\$0	\$0
	State:	\$3400	\$3400	\$3400	\$3400	\$13600	\$13600
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	\$3,400	\$3,400	\$3,400	\$3,400	\$13,600	\$13,600
Total FFY 2021-2032 Cost		\$40,800					

PennDOT Project Id: 104412

Project Administrator: PennDOT
Improvement Type: Administration
Municipality:

Title: TAP Oversight & Mngmt
State Route: 0
Air Quality Status: AQ Conformity Does Not Apply

Estimated Construction Bid Date:

Actual Construction Bid Date:
Location: Statewide

Project Description: Statewide funding to support the oversight and management of approved Statewide Transportation Alternatives Program (TAP) projects.

Project Costs(In Thousands)							
Phase	Fund	2021	2022	2023	2024	2025 - 2028	2029 - 2032
Preliminary Engineering	STP	\$2,000	\$2,000	\$2,000	\$2,000	\$8,000	\$8,000
	Federal:	\$2000	\$2000	\$2000	\$2000	\$8000	\$8000
	State:	\$0	\$0	\$0	\$0	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	\$2,000	\$2,000	\$2,000	\$2,000	\$8,000	\$8,000
Total FFY 2021-2032 Cost		\$24,000					

PennDOT Project Id: 106136

Project Administrator: PennDOT
Improvement Type: Bridge Replacement
Municipality:

Title: P3 RBR Payments
State Route: 0
Air Quality Status: AQ Conformity Does Not Apply

Estimated Construction Bid Date: 1/30/18

Actual Construction Bid Date: 1/30/18
Location: Statewide

Project Description: Milestone and availability payments for PennDOT's Public, Private Partnership (P3) Rapid Bridge Replacement (RBR) project.

Project Costs(In Thousands)							
Phase	Fund	2021	2022	2023	2024	2025 - 2028	2029 - 2032
Construction	185	\$30,915	\$31,025	\$31,115	\$31,225	\$94,240	\$63,735
Construction	581	\$30,915	\$31,025	\$31,115	\$31,225	\$94,240	\$63,735
	Federal:	\$0	\$0	\$0	\$0	\$0	\$0
	State:	\$61830	\$62050	\$62230	\$62450	\$188480	\$127470
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	\$61,830	\$62,050	\$62,230	\$62,450	\$188,480	\$127,470
Total FFY 2021-2032 Cost		\$564,510					

PennDOT Project Id: 106544

Project Administrator: PennDOT
Improvement Type: Administration
Municipality:

Title: Municipal Safety LTAP
State Route: 0
Air Quality Status: AQ Conformity Does Not Apply

Estimated Construction Bid Date:

Actual Construction Bid Date:
Location: Statewide

Project Description: Local Technical Assistance Program (LTAP) contract tasks for PennDOT Directed Technical Assistance and Local Safe Roads Program for delivery of local road low-cost safety improvements.

Project Costs(In Thousands)							
Phase	Fund	2021	2022	2023	2024	2025 - 2028	2029 - 2032
Preliminary Engineering	HSIP	\$404	\$0	\$0	\$0	\$0	\$0
	Federal:	\$404	\$0	\$0	\$0	\$0	\$0
	State:	\$0	\$0	\$0	\$0	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	\$404	\$0	\$0	\$0	\$0	\$0
Total FFY 2021-2032 Cost		\$404					

PennDOT Project Id: 107082

Project Administrator: PennDOT
Improvement Type: Administration
Municipality:

Title: LTAP Line Item
State Route: 0
Air Quality Status: AQ Conformity Does Not Apply

Estimated Construction Bid Date:

Actual Construction Bid Date:
Location: Statewide

Project Description: Statewide reserve for administration of Pennsylvania's Local Technical Assistance Programs (LTAP).

Project Costs(In Thousands)							
Phase	Fund	2021	2022	2023	2024	2025 - 2028	2029 - 2032
Planning/Research/Adminis	SPR	\$310	\$310	\$310	\$310	\$1,860	\$0
	Federal:	\$310	\$310	\$310	\$310	\$1860	\$0
	State:	\$0	\$0	\$0	\$0	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	\$310	\$310	\$310	\$310	\$1,860	\$0
Total FFY 2021-2032 Cost		\$3,100					

PennDOT Project Id: 107087

Project Administrator: PennDOT
Improvement Type: Pedestrian Facilities
Municipality:

Title: DCNR Rec Trails Reserve
State Route: 0
Air Quality Status: AQ Conformity Does Not Apply

Estimated Construction Bid Date:

Actual Construction Bid Date:
Location: Statewide

Project Description: Department of Conservation and Natural Resources (DCNR) Statewide Recreational Trails Program reserve.

Project Costs(In Thousands)							
Phase	Fund	2021	2022	2023	2024	2025 - 2028	2029 - 2032
Construction	REC	\$1,991	\$1,991	\$1,991	\$1,991	\$0	\$0
Construction	LOC	\$509	\$509	\$509	\$509	\$0	\$0
	Federal:	\$1991	\$1991	\$1991	\$1991	\$0	\$0
	State:	\$0	\$0	\$0	\$0	\$0	\$0
	Local/Other:	\$509	\$509	\$509	\$509	\$0	\$0
	Period Totals:	\$2,500	\$2,500	\$2,500	\$2,500	\$0	\$0
Total FFY 2021-2032 Cost		\$10,000					

PennDOT Project Id: 110068

Project Administrator: PennDOT

Improvement Type: Administration

Municipality:

Title: MIRE FDE Local Road Data Collection

State Route: 0

Air Quality Status: AQ Conformity Does Not Apply

Estimated Construction Bid Date:

Actual Construction Bid Date:

Location: Statewide

Project Description: Model Inventory of Roadway Elements (MIRE) Fundamental Data Elements (FDE) collection and integration to inventory all public roads in Pennsylvania by Sept. 30, 2026 for use in Highway Safety analysis.

Project Costs(In Thousands)							
Phase	Fund	2021	2022	2023	2024	2025 - 2028	2029 - 2032
Construction	HSIP	\$2,448	\$552	\$0	\$0	\$0	\$0
	Federal:	\$2448	\$552	\$0	\$0	\$0	\$0
	State:	\$0	\$0	\$0	\$0	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	\$2,448	\$552	\$0	\$0	\$0	\$0
Total FFY 2021-2032 Cost		\$3,000					

PennDOT Project Id: 111145

Project Administrator: PennDOT

Improvement Type: Miscellaneous

Municipality:

Title: TSMO Reserve

State Route: 0

Air Quality Status: AQ Conformity Does Not Apply

Estimated Construction Bid Date:

Actual Construction Bid Date:

Location: Statewide

Project Description: Reserve line item for selected statewide TSMO projects.

Project Costs(In Thousands)							
Phase	Fund	2021	2022	2023	2024	2025 - 2028	2029 - 2032
Construction	STP	\$0	\$20	\$4,375	\$5,000	\$20,000	\$20,000
	Federal:	\$0	\$20	\$4375	\$5000	\$20000	\$20000
	State:	\$0	\$0	\$0	\$0	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	\$0	\$20	\$4,375	\$5,000	\$20,000	\$20,000
Total FFY 2021-2032 Cost		\$49,395					

PennDOT Project Id: 112699

Project Administrator: PennDOT

Improvement Type: Traffic Control Center

Municipality:

Title: INRIX 2019 - 2021

State Route: 0

Air Quality Status: AQ Conformity Does Not Apply

Estimated Construction Bid Date:

Actual Construction Bid Date:

Location: Statewide,

Project Description: Purchase of INRIX speed data for statewide traffic operations. This information is required for the travel time messages posted on DMS (Dynamic Message Signs).

Project Costs(In Thousands)							
Phase	Fund	2021	2022	2023	2024	2025 - 2028	2029 - 2032
Planning/Research/Adminis	STP	\$693	\$1,025	\$0	\$0	\$0	\$0
	Federal:	\$693	\$1025	\$0	\$0	\$0	\$0
	State:	\$0	\$0	\$0	\$0	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	\$693	\$1,025	\$0	\$0	\$0	\$0
Total FFY 2021-2032 Cost		\$1,718					

PennDOT Project Id: 113174

Project Administrator: PennDOT

Title: 2019 SHRP 2 Traff Incdnt Mgmt Responder Training

Improvement Type: Safety Improvement

State Route: 0

Municipality:

Air Quality Status: AQ Conformity Does Not Apply

Estimated Construction Bid Date:

Actual Construction Bid Date:

Location: Statewide

Project Description: 10 Traffic Incident Management Responder training programs

Project Costs(In Thousands)							
Phase	Fund	2021	2022	2023	2024	2025 - 2028	2029 - 2032
Planning/Research/Adminis	HSIP	\$32	\$0	\$0	\$0	\$0	\$0
	Federal:	\$32	\$0	\$0	\$0	\$0	\$0
	State:	\$0	\$0	\$0	\$0	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	\$32	\$0	\$0	\$0	\$0	\$0
Total FFY 2021-2032 Cost		\$32					

PennDOT Project Id: 113973

Project Administrator: PennDOT

Title: HSM Analysis Tool Updates & HSIP-IP Report

Improvement Type: Safety Improvement

State Route: 0

Municipality:

Air Quality Status: AQ Conformity Does Not Apply

Estimated Construction Bid Date:

Actual Construction Bid Date:

Location: Statewide

Project Description: Upgrades to the Highway Safety Manual (HSM) tool to allow HSIP applicants to perform HSM analysis for HSIP funding applications as required for spot location projects.

Project Costs(In Thousands)							
Phase	Fund	2021	2022	2023	2024	2025 - 2028	2029 - 2032
Planning/Research/Adminis	HSIP	\$750	\$0	\$0	\$0	\$0	\$0
	Federal:	\$750	\$0	\$0	\$0	\$0	\$0
	State:	\$0	\$0	\$0	\$0	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	\$750	\$0	\$0	\$0	\$0	\$0
Total FFY 2021-2032 Cost		\$750					

PennDOT Project Id: 114113

Project Administrator: PennDOT

Improvement Type: RR Warning Devices

Municipality:

Title: Norfolk Southern Yield Signs

State Route: 0

Air Quality Status: AQ Conformity Does Not Apply

Estimated Construction Bid Date:

Actual Construction Bid Date:

Location: Statewide

Project Description: Yield sign upgrade to 345 Norfolk Southern passive crossing locations statewide.

Project Costs(In Thousands)							
Phase	Fund	2021	2022	2023	2024	2025 - 2028	2029 - 2032
Construction	RRX	\$300	\$0	\$0	\$0	\$0	\$0
	Federal:	\$300	\$0	\$0	\$0	\$0	\$0
	State:	\$0	\$0	\$0	\$0	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	\$300	\$0	\$0	\$0	\$0	\$0
Total FFY 2021-2032 Cost		\$300					

PennDOT Project Id: 114537

Project Administrator: PennDOT

Improvement Type: Safety Improvement

Municipality:

Title: Norfolk Southern Statewide LED Upgrades

State Route: 0

Air Quality Status: AQ Conformity Does Not Apply

Estimated Construction Bid Date:

Actual Construction Bid Date:

Location: Statewide

Project Description: Purchase of LED lights to upgrade 508 Norfolk Southern crossings statewide.

Project Costs(In Thousands)							
Phase	Fund	2021	2022	2023	2024	2025 - 2028	2029 - 2032
Construction	RRX	\$638	\$387	\$636	\$0	\$0	\$0
	Federal:	\$638	\$387	\$636	\$0	\$0	\$0
	State:	\$0	\$0	\$0	\$0	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	\$638	\$387	\$636	\$0	\$0	\$0
Total FFY 2021-2032 Cost		\$1,661					

PennDOT Project Id: 114543

Project Administrator: PennDOT

Improvement Type: Safety Improvement

Municipality:

Title: Norfolk Southern Statewide Circuitry Upgrade

State Route: 0

Air Quality Status: AQ Conformity Does Not Apply

Estimated Construction Bid Date:

Actual Construction Bid Date:

Location: Statewide

Project Description: Purchase of upgraded circuitry equipment for Norfolk Southern crossings statewide.

Project Costs(In Thousands)							
Phase	Fund	2021	2022	2023	2024	2025 - 2028	2029 - 2032
Construction	RRX	\$0	\$0	\$119	\$713	\$2,395	\$0
	Federal:	\$0	\$0	\$119	\$713	\$2395	\$0
	State:	\$0	\$0	\$0	\$0	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	\$0	\$0	\$119	\$713	\$2,395	\$0
Total FFY 2021-2032 Cost		\$3,227					

PennDOT Project Id: 114552

Project Administrator: PennDOT

Title: Historic Truss Bridge Preservation

Improvement Type: Historic Preservation

State Route: 0

Municipality:

Air Quality Status: AQ Conformity Does Not Apply

Estimated Construction Bid Date:

Actual Construction Bid Date:

Location: Historic Truss Bridge Preservation Line Item

Project Description: Historic Truss Bridge Preservation Line Item

Project Costs(In Thousands)							
Phase	Fund	2021	2022	2023	2024	2025 - 2028	2029 - 2032
Construction	STP	\$0	\$0	\$1,000	\$1,000	\$8,000	\$8,000
	Federal:	\$0	\$0	\$1000	\$1000	\$8000	\$8000
	State:	\$0	\$0	\$0	\$0	\$0	\$0
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	\$0	\$0	\$1,000	\$1,000	\$8,000	\$8,000
Total FFY 2021-2032 Cost		\$18,000					

PennDOT Project Id: 114961

Project Administrator: PennDOT

Title: State Bridge Inspection

Improvement Type: Administration

State Route: 0

Municipality:

Air Quality Status: AQ Conformity Does Not Apply

Estimated Construction Bid Date:

Actual Construction Bid Date:

Location: Statewide

Project Description: Statewide inventory and inspection of state on and off the Federal-aid System (based on two-year cycle inspections).

Project Costs(In Thousands)							
Phase	Fund	2021	2022	2023	2024	2025 - 2028	2029 - 2032
Final Design	581	\$24,400	\$25,132	\$25,886	\$26,663	\$106,652	\$106,652
	Federal:	\$0	\$0	\$0	\$0	\$0	\$0
	State:	\$24400	\$25132	\$25886	\$26663	\$106652	\$106652
	Local/Other:	\$0	\$0	\$0	\$0	\$0	\$0
	Period Totals:	\$24,400	\$25,132	\$25,886	\$26,663	\$106,652	\$106,652
Total FFY 2021-2032 Cost		\$315,385					

PennDOT Project Id: 114973

Project Administrator: PennDOT

Improvement Type: Administration

Municipality:

Title: Local Bridge Inspection

State Route: 0

Air Quality Status: AQ Conformity Does Not Apply

Estimated Construction Bid Date:

Actual Construction Bid Date:

Location: Statewide

Project Description: Statewide funding for the inventory and inspection of locally owned bridges (based on two-year cycle inspections). The inspection of local bridges performed by state forces per Act 10-A of 1986.

Project Costs(In Thousands)							
Phase	Fund	2021	2022	2023	2024	2025 - 2028	2029 - 2032
Final Design	NHPP	\$2,800	\$3,640	\$4,732	\$6,152	\$24,608	\$24,608
Final Design	STP	\$2,800	\$3,640	\$4,732	\$6,152	\$24,608	\$24,608
Final Design	PRIV	\$1,400	\$1,820	\$2,366	\$3,076	\$12,304	\$12,304
Federal:		\$5600	\$7280	\$9464	\$12304	\$49216	\$49216
State:		\$0	\$0	\$0	\$0	\$0	\$0
Local/Other:		\$1400	\$1820	\$2366	\$3076	\$12304	\$12304
Period Totals:		\$7,000	\$9,100	\$11,830	\$15,380	\$61,520	\$61,520
Total FFY 2021-2032 Cost		\$166,350					

Fund Category Appendix

Fund Category Code	Fund Category Description	Fund Category Code	Fund Category Description
ACT13	Local at risk bridges - Marcellus Legacy Fund	SSE	Supportive Services Enterprise
ACT3	Act 3 Public Transportation Grant	STE	Surface Transportation Enhancement
ACT4A	Act 4A Supplemental Operating Grant	STN	STP - Nonurbanized
ACT83	Transit Bond	STP	Surface Transportation Prog-Flexible
ADMUO	Administration Use Only - Do Not Use	STR	Surface Transportation Rural
AIP	FAA Airport Improvement Program	STU	Surface Transportation Urban
APD	Appalachia Development	SXF	Special Federal Funds (Demo)
APL	Appalachia Local Access	TAP	Transportation Alternatives (TAP) Flexible
BDP	Bridge Discretionary Program	TAU	Tap > 200,000 Population
BGENT	FAA Block Grant Entitlement	TCS	Transpo & Community System Pres.
BND	Bridge Bonding	TIGER	Trans Investment Generating Economic Recovery
BOF	Bridge Off System	TIGGR	Transit Investment for Greenhouse Gas and Energy R
CAQ	Congestion Mitigation/Air Quality	TPK	Turnpike
CB	Capital Budget Nonhighway	TTE	Transit Transportation Enhancements
DAR	Defense Access Roads	073	Green Light-Go
DBE	Disadvantages Business Enterprise	137	Municipal Bridge Improvements and Bundling
D4R	Discretionary Interstate Maintenance	138	Rural Commercial Routes
EB	Equity Bonus	140	Intelligent Transportation System
ECONR	Economic Recovery	144	302-87-3 Transportation Assistance
FAABG	FAA Block Grant	160	Community Transport.-Equip Grant
FAAD	FAA Discretionary	163	Community Transport.- Equip Grant
FAI	Interstate Construction	164	PTAF
FB	Ferry Boat/Ferry Terminal Facilities	175	FTA- Capital Improvements
FFL	Federal Flood	179	Local Bridge Construction (Act 26 Counties)
FHA	Public Lands Highways	183	Local Bridge Construction
FLAP	Federal Lands Access Program	184	Restoration - Hwy Transfer
FLH	Forest Highways	185	State Bridge Construction
FRA	Federal Railroad Administration	208	FTA- Discretionary Capital
FRB	Ferry Boat	244	ARLE Projects
FTAD	FTA Discretionary Funds	278	Safety Admin
GEN	PA General Fund	338	PT - 1513 Mass Transit Operating
HCB	Historic Covered Bridge	339	PT - 1514 Asst Imprvmt / Capitl Budg
HPR	Highway Planning/Research	340	PT - 1517 Capital Improvement
HRRR	High Risk Rural Roads	341	PT - 1516 Progrms of Statewide Signif
HSIP	Highway Safety Improvement Program	342	Transit Administration and Oversight
H4L	Highway for Life - 10% Limiting Amount	361	FTA- Capital Improvements
INFRA	INFRA Discretionary Award	383	DGS Delegated Facilities projects
ITS	Intelligent Transportation System	403	Act 89 - Aviation Grants
IVB	Innovative Bridge	404	Act 89 - Rail Freight Grants
LOC	Local Government Funds	405	Act 89 - Passenger Rail Grants
LRFA	Local Rail Freight Assistance	406	Act 89 - Port and Waterways Grants
MSFF	Marcellus Shale Fee Fund	407	Act 89 - Bicycle & Pedestrian Facilities Grants
NFP	National HWY Freight Program	408	Act 89 - Multimodal Admin and Oversight
NHPP	National Highway Performance Program	409	ACT 89 - Roadway Maintenance
OTH	Other Local Government Agencies	411	Act 89 - Statewide Program Grants - Non HWY
OTH-F	Other Federal Govt Agencies	5208	ITS
OTH-S	Other Pa State Government Agencies	5303	FTA Metropolitan Planning Program
PIB	State Infrastructure Bank - 100% state	5307	FTA Urban Area Formula Grants
PL	Planning	5308	FTA Clean Fuels Formula Grants
PRIV	Private Party	5309	FTA New Starts Capital Program
PTAF	Act 26 PA Transportation Assist Fund	5310	FTA Elderly & Handicapped Program
REC	Recreational Trails	5311	FTA Rural Area Formula Grants
RES	Funds Restoration	5312	FTA Low or No Emission Vehicle Deployment (LoNo)
RFAP	Rail Freight Assistance Program	5313	FTA State Planning and Research
RRX	Highway Safety	5316	Job Access & Reverse Commute
SBY	Scenic Byways	5317	New Freedom Program
SECT9	FTA Federal Formula - Section 9	5320	Alternative Transp. in Parks & P. Land
SIB	State Infrastructure Bank	5329	FTA State Safety Oversight Program
SPOPR	Supplemental Operating Assistance	5337	State of Good Repair Grant Program
SPR	State Planning/Research	5339	FTA Alternatives Analysis
SRTSF	Federal Safe Routes to Schools	5340	Growing States
SR2S	State Safe Route to School	571	Airport Development

**2021 STATEWIDE ITEMS TWELVE
YEAR PROGRAM PROJECT LIST**

**2021 TRANSPORTATION INFRASTRUCTURE
INVESTMENT FUND (TIIF)
PROJECT LIST**

2021 Transportation Infrastructure Investment Fund (TIIF) projects

Dist	County	Planning Partner	Project	Title	Phase	2021 Tot	2022 Tot	2023 Tot	2024 Tot	2025 Tot	2026 Tot	2027 Tot	2028 Tot	2029-32 Tot	Total
1	Erie	Erie	108952	Central Bayfront Parkway Multimodal	CON	0	10,000,000	5,000,000	0	0	0	0	0	0	15,000,000
2	Elk	North Central	113951	City of St.Mary's SR 120 Connector	FD	145,000	0	0	0	0	0	0	0	0	145,000
2	Elk	North Central	113951	City of St.Mary's SR 120 Connector	UTL	35,000	0	0	0	0	0	0	0	0	35,000
2	Elk	North Central	113951	City of St.Mary's SR 120 Connector	ROW	330,000	0	0	0	0	0	0	0	0	330,000
2	Elk	North Central	113951	City of St.Mary's SR 120 Connector	CON	0	2,721,624	0	0	0	0	0	0	0	2,721,624
3	Lycoming	Williamsport	98166	Fairfield Crossing	CON	1,950,000	1,000,000	0	0	0	0	0	0	0	2,950,000
4	Lackawanna	Scranton/W-B	113723	Roadway Improvements SR 632	CON	0	0	0	2,275,000	0	0	0	0	0	2,275,000
4	Lackawanna	Scranton/W-B	113723	Roadway Improvements SR 632	FD	0	225,000	0	0	0	0	0	0	0	225,000
4	Lackawanna	Scranton/W-B	113723	Roadway Improvements SR 632	UTL	0	50,000	0	0	0	0	0	0	0	50,000
4	Lackawanna	Scranton/W-B	113723	Roadway Improvements SR 632	ROW	0	100,000	0	0	0	0	0	0	0	100,000
5	Northampton	Lehigh Valley	112129	Amazon Offsite Improvements	CON	2,500,000	2,500,000	0	0	0	0	0	0	0	5,000,000
6	Chester	DVRPC	111761	US 30 Bus Gateway Imp	CON	1,200,000	0	0	0	0	0	0	0	0	1,200,000
6	Delaware	DVRPC	103734	Town Center at Marple Preserve TIIF	CON	0	0	1,500,000	1,500,000	0	0	0	0	0	3,000,000
6	Delaware	DVRPC	111762	PA 3: Ellis to St Albans(C)	CON	2,000,000	0	0	0	0	0	0	0	0	2,000,000
8	Dauphin	Harrisburg	111750	Hershey West End Roadway	CON	0	1,500,000	1,500,000	0	0	0	0	0	0	3,000,000
8	Lancaster	Lancaster	113877	SR 272 and SR 8032 Improvements	CON	0	800,000	800,000	0	0	0	0	0	0	1,600,000
10	Indiana	SPC	111796	Indian Springs Road/Rustic Lodge Road Intersection	CON	0	0	1,221,905	0	0	0	0	0	0	1,221,905
10	Indiana	SPC	111796	Indian Springs Road/Rustic Lodge Road Intersection	UTL	0	87,613	0	0	0	0	0	0	0	87,613
10	Indiana	SPC	111796	Indian Springs Road/Rustic Lodge Road Intersection	ROW	0	175,226	0	0	0	0	0	0	0	175,226
10	Indiana	SPC	111796	Indian Springs Road/Rustic Lodge Road Intersection	PE	250,000	0	0	0	0	0	0	0	0	250,000
12	Fayette	SPC	112312	Dunbar Business Park Trans Impvmts	CON	0	438,416	0	0	0	0	0	0	0	438,416
99	Central Office	STWD Items	60469	TIIF Reserve	CON	16,590,000	5,402,121	14,978,095	21,225,000	25,000,000	25,000,000	25,000,000	25,000,000	100,000,000	258,195,216
					total	25,000,000	25,000,000	25,000,000	25,000,000	25,000,000	25,000,000	25,000,000	25,000,000	100,000,000	300,000,000

**2021 RAIL-HIGHWAY CROSSING
(RRX) PROJECT LIST**

2021 Rail-Highway Crossing (RRX) Program

Dist	County	Planning Partner	Project	Title	Phase	2021 Tot	2022 Tot	2023 Tot	2024 Tot	2025 Tot	2026 Tot	2027 Tot	2028 Tot	2029-32 Tot	Total
1	Crawford	Northwest	106162	Mt Pleasant Rd RR Crossing	CON	118,500	200,000	0	0	0	0	0	0	0	318,500
1	Crawford	Northwest	111140	Mead Ave RR Crossing	CON	0	0	100,000	150,000	0	0	0	0	0	250,000
1	Crawford	Northwest	113216	Shaw's Landing RRX	CON	0	250,000	125,000	0	0	0	0	0	0	375,000
1	Erie	Erie	111147	Huntley Road RR Crossing	CON	0	150,000	200,000	0	0	0	0	0	0	350,000
1	Erie	Erie	113215	Bayfront Parkway RRX	CON	0	400,000	400,000	500,000	0	0	0	0	0	2,600,000
1	Erie	Erie	114480	Norfolk Southern Erie County Circuitry Upgrade	CON	0	129,000	500,000	500,000	0	0	0	0	0	1,129,000
1	Mercer	SVTS	106281	Bessemer & Lake Erie RR Corridor	CON	0	0	0	0	500,000	500,000	0	0	0	1,000,000
1	Venango	Northwest	113217	13th Street Franklin RRX	CON	0	250,000	250,000	0	0	0	0	0	0	500,000
2	Centre	Centre	113890	Struble Rd RR Warn Device	CON	200,000	175,000	0	0	0	0	0	0	0	375,000
2	Centre	Centre	114006	High St Circuitry Upgrade	CON	300,000	100,000	0	0	0	0	0	0	0	800,000
2	Clearfield	North Central	93329	Philipsburg Add Center Ln	CON	350,000	0	0	0	0	0	0	0	0	828,000
2	Clearfield	North Central	110875	Cooper Rd, RR Warn Device	CON	0	0	100,000	150,000	0	0	0	0	0	500,000
2	Clearfield	North Central	110876	SR 219, Main St, RR Warn Devices	CON	0	0	0	250,000	0	0	0	0	0	500,000
2	Clearfield	North Central	114046	Liberty Blvd RR Device Upgrade	CON	0	300,000	400,000	0	0	0	0	0	0	700,000
2	Clinton	SEDA-COG	111078	Spook Hollow RR Warning Device	CON	150,000	150,000	0	0	0	0	0	0	0	600,000
2	Elk	North Central	110879	Stony Hill Rd, RR Warn Devices	CON	250,000	0	0	0	0	0	0	0	0	500,000
2	Juniata	SEDA-COG	111074	River Road RR Warning Device	CON	150,000	150,000	0	0	0	0	0	0	0	800,528
2	McKean	North Central	102728	Owens Hwy RR Warning Dev	CON	175,000	0	0	0	0	0	0	0	0	350,000
2	McKean	North Central	111079	WNYPA Corridor RR Warning Device	CON	844,236	862,095	0	0	0	0	0	0	0	3,469,549
2	Mifflin	SEDA-COG	112195	Juniata Street RR Warn Dev	CON	350,000	0	0	0	0	0	0	0	0	700,000
3	Columbia	SEDA-COG	110889	NSHR Corridor RRX	CON	394,999	0	0	0	0	0	0	0	0	1,789,998
3	Lycoming	Williamsport	112607	Lycoming & Centre Cntys RRX Imps	CON	400,000	400,000	0	0	0	0	0	0	0	1,600,000
4	Lackawanna	Scranton/W-B	106131	SR 3014 Dalton Street Railroad Lights /Gates	CON	0	0	0	300,000	0	0	0	0	0	300,000
4	Lackawanna	Scranton/W-B	106134	SR 3017 Main Street Railroad Lights /Gates	CON	0	0	0	300,000	0	0	0	0	0	300,000
4	Lackawanna	Scranton/W-B	111112	Archbald Corridor	CON	0	79,000	300,000	250,000	0	0	0	0	0	629,000
4	Luzerne	Scranton/W-B	103196	CP Pittston / Dupont Corridor	CON	500,000	477,505	0	0	0	0	0	0	0	1,877,505
4	Luzerne	Scranton/W-B	106127	SR 2027 McAlpine Street over Mill Creek	CON	0	0	300,000	0	0	0	0	0	0	300,000
4	Luzerne	Scranton/W-B	106130	SR 2031 Stephenson Street Railroad Lights /Gates	CON	135,000	0	0	0	0	0	0	0	0	341,000
4	Luzerne	Scranton/W-B	106324	Commerce Boulevard Crossing	CON	0	0	50,000	250,000	0	0	0	0	0	300,000
4	Luzerne	Scranton/W-B	111134	C and H Corridor	CON	0	0	0	50,000	450,000	0	0	0	0	500,000
5	Berks	Reading	106140	Reading NS RRX Corridor	CON	0	0	0	0	300,000	292,018	0	0	0	592,018
5	Lehigh	Lehigh Valley	102868	Ruppsville Rd	CON	0	270,200	0	0	0	0	0	0	0	270,200
5	Lehigh	Lehigh Valley	102870	Penn Ave Alburdis RRX	CON	0	0	281,377	0	0	0	0	0	0	281,377
5	Lehigh	Lehigh Valley	102979	Canal Rd Allentown RRX	CON	0	0	350,000	0	0	0	0	0	0	350,000
5	Lehigh	Lehigh Valley	106142	Union Street RR Upgrade	CON	150,000	100,000	0	0	0	0	0	0	0	496,500
5	Monroe	NEPA	109712	Summit Avenue RRing Upgrade	CON	240,000	0	0	0	0	0	0	0	0	480,000
5	Northampton	Lehigh Valley	98094	Broad St Nazareth RRX	CON	0	32,423	350,000	350,000	0	0	0	0	0	732,423
5	Northampton	Lehigh Valley	102864	Bethlehem Corr. Safety	CON	0	0	660,000	500,000	0	0	0	0	0	1,160,000
5	Northampton	Lehigh Valley	102869	SR 512 (Midway Street) NS RRX	CON	0	0	0	0	0	284,109	0	0	0	284,109

2021 Rail-Highway Crossing (RRX) Program

Dist	County	Planning Partner	Project	Title	Phase	2021 Tot	2022 Tot	2023 Tot	2024 Tot	2025 Tot	2026 Tot	2027 Tot	2028 Tot	2029-32 Tot	Total
6	Bucks	DVRPC	36475	Mill St. Grade Xing	CON	0	0	0	230,000	0	0	0	0	0	230,000
6	Delaware	DVRPC	103217	Main Street Darby Boro.	CON	0	0	70,149	298,851	0	0	0	0	0	369,000
6	Delaware	DVRPC	113251	Highland Ave. Railroad Preemption	CON	0	0	0	200,000	0	0	0	0	0	200,000
6	Montgomery	DVRPC	106326	Union Street Grade X-ing	CON	20,000	0	0	0	0	0	0	0	0	320,000
6	Montgomery	DVRPC	111129	Cannon Ave. Grade Xing	CON	0	0	10,000	300,000	0	0	0	0	0	310,000
8	Franklin	Franklin	102974	South Third St Crossing	CON	2,000	0	0	0	0	0	0	0	0	2,000
8	Lancaster	Lancaster	114225	New Holland Borough Crossings	CON	0	500,000	500,000	500,000	525,000	0	0	0	0	2,025,000
8	York	York	114226	Hokes Mill Road Crossing	CON	0	225,000	200,000	0	0	0	0	0	0	425,000
9	Blair	Altoona	106320	Church Street Railroad Grade Xing	CON	0	309,270	300,000	0	0	0	0	0	0	609,270
9	Cambria	Johnstown	110459	Bedford St Grade Crossing Impr	CON	206,367	300,000	0	0	0	0	0	0	0	1,012,734
9	Somerset	S. Alleghenies	103035	CSX Grade Xing Improvemnt	CON	0	0	0	0	1,000,000	1,760,000	0	0	0	2,760,000
9	Somerset	S. Alleghenies	106261	Windber Borough 15th St Grade Crossing	CON	0	0	0	50,000	150,000	0	0	0	0	200,000
9	Somerset	S. Alleghenies	106262	Somerset Ave Grade Crossing	CON	0	0	0	50,000	200,000	0	0	0	0	250,000
9	Somerset	S. Alleghenies	106263	Mount Davis Road Grade Crossing	CON	0	0	0	25,100	200,000	0	0	0	0	225,100
10	Butler	SPC	105574	Zelienople Railroad Corridor	CON	0	0	0	0	677,500	0	0	0	0	677,500
10	Butler	SPC	110766	Maple Avenue Crossing	CON	0	50,000	200,000	0	0	0	0	0	0	250,000
10	Jefferson	North Central	105576	Rikers Road Crossing	CON	0	0	0	225,200	0	0	0	0	0	225,200
10	Jefferson	North Central	109387	South Park Street Crossing	CON	0	0	0	50,000	150,000	0	0	0	0	200,000
10	Jefferson	North Central	110767	Mitchell Avenue Crossing	CON	0	50,000	200,000	0	0	0	0	0	0	250,000
11	Allegheny	SPC	106073	McElheny Road Crossing (AVRR)	CON	248,000	0	0	0	0	0	0	0	0	496,000
11	Allegheny	SPC	108118	Bridge Street RR Etna (NS)	CON	370,946	199,054	0	0	0	0	0	0	0	1,010,000
11	Beaver	SPC	106078	NS RR Crossings in Darlington and Big Beaver	CON	0	0	0	100,000	500,000	0	0	0	0	600,000
12	Fayette	SPC	106060	Dawson Corridor	CON	0	300,000	350,000	250,000	0	0	0	0	0	1,800,000
12	Washington	SPC	103187	Besco St. Grade Crossing	CON	0	0	0	0	0	328,000	0	0	0	328,000
12	Washington	SPC	106063	Elco Corridor	CON	0	0	0	0	150,000	500,000	0	0	0	650,000
12	Washington	SPC	112651	Maple Glenn Road and PA 88 RRX	CON	358,357	400,000	0	0	0	0	0	0	0	1,516,714
12	Westmoreland	SPC	103190	Vine Street Grade Xing	CON	0	0	0	0	0	337,700	0	0	0	337,700
12	Westmoreland	SPC	110463	Hillis Street Grade Crossing	CON	345,000	0	0	0	0	0	0	0	0	690,000
12	Westmoreland	SPC	113267	New Kensington Cooridor	CON	0	0	244,415	653,878	701,123	744,999	0	0	0	2,344,415
99	Central Office	STWD Items	98255	RRX Reserve	CON	0	0	0	0	0	1,746,460	7,196,000	7,196,000	28,784,000	44,922,460
99	Central Office	STWD Items	114113	Norfolk Southern Yield Signs	CON	300,000	0	0	0	0	0	0	0	0	600,000
99	Central Office	STWD Items	114537	Norfolk Southern Statewide LED Upgrades	CON	637,595	387,453	635,706	0	0	0	0	0	0	1,660,754
99	Central Office	STWD Items	114543	Norfolk Southern Statewide Circuitry Upgrade	CON	0	0	119,353	712,971	1,692,377	702,714	0	0	0	3,227,415
					total	7,196,000	7,196,000	7,196,000	7,196,000	7,196,000	7,196,000	7,196,000	7,196,000	28,784,000	86,352,000

**2021 HIGHWAY SAFETY IMPROVEMENT
PROGRAM (HSIP) SET-ASIDE PROJECT LIST**

2021 HSIP Set-aside Program

Dist	County	Planning Partner	Project	Title	Phase	2021 Tot	2022 Tot	2023 Tot	2024 Tot	2025 Tot	2026 Tot	2027 Tot	2028 Tot	2029-32 Tot	Total
6	Montgomery	DVRPC	110961	Old Skippack Rd. Roundabout	UTL	26,500	0	0	0	0	0	0	0	0	26,500
6	Montgomery	DVRPC	110971	Main St. Safety Improv	CON	491,884	4,281,948	0	0	0	0	0	0	0	4,773,832
6	Montgomery	DVRPC	110971	Main St. Safety Improv	UTL	34,099	0	0	0	0	0	0	0	0	34,099
6	Montgomery	DVRPC	110971	Main St. Safety Improv	ROW	68,198	0	0	0	0	0	0	0	0	68,198
6	Montgomery	DVRPC	114944	Bethlehem Pike Safety Improvements	PE	0	267,000	0	0	0	0	0	0	0	267,000
6	Montgomery	DVRPC	114944	Bethlehem Pike Safety Improvements	FD	0	114,000	0	0	0	0	0	0	0	114,000
6	Montgomery	DVRPC	114944	Bethlehem Pike Safety Improvements	CON	0	1,496,994	0	0	0	0	0	0	0	1,496,994
6	Montgomery	DVRPC	114948	Lancaster Ave & Remington Rd Int. Improvements	PE	0	130,000	0	0	0	0	0	0	0	130,000
6	Montgomery	DVRPC	114948	Lancaster Ave & Remington Rd Int. Improvements	FD	0	90,000	0	0	0	0	0	0	0	90,000
6	Montgomery	DVRPC	114948	Lancaster Ave & Remington Rd Int. Improvements	UTL	0	50,000	0	0	0	0	0	0	0	50,000
6	Montgomery	DVRPC	114948	Lancaster Ave & Remington Rd Int. Improvements	ROW	0	100,000	0	0	0	0	0	0	0	100,000
6	Montgomery	DVRPC	114948	Lancaster Ave & Remington Rd Int. Improvements	CON	0	1,202,219	0	0	0	0	0	0	0	1,202,219
6	Philadelphia	DVRPC	106993	Frankford Avenue Signal Improvements	CON	1,000,000	607,235	0	0	0	0	0	0	0	1,607,235
6	Philadelphia	DVRPC	110958	Castor Ave. Roundabout	UTL	45,700	0	0	0	0	0	0	0	0	45,700
6	Philadelphia	DVRPC	110958	Castor Ave. Roundabout	CON	0	500,000	262,200	0	0	0	0	0	0	762,200
6	Philadelphia	DVRPC	114942	Roosevelt Blvd IHSDM Study	STUDY	950,000	0	0	0	0	0	0	0	0	950,000
8	Cumberland	Harrisburg	114559	Systemic Low-Cost Improvements for Stop Controlled	PE	41,166	0	0	0	0	0	0	0	0	41,166
8	Cumberland	Harrisburg	114559	Systemic Low-Cost Improvements for Stop Controlled	FD	27,444	0	0	0	0	0	0	0	0	27,444
8	Cumberland	Harrisburg	114559	Systemic Low-Cost Improvements for Stop Controlled	CON	136,821	137,622	0	0	0	0	0	0	0	274,443
8	Cumberland	Harrisburg	114562	Systemic Roadway Departure Low Cost Safety Improve	PE	79,347	0	0	0	0	0	0	0	0	79,347
8	Cumberland	Harrisburg	114562	Systemic Roadway Departure Low Cost Safety Improve	FD	103,700	0	0	0	0	0	0	0	0	103,700
8	Cumberland	Harrisburg	114562	Systemic Roadway Departure Low Cost Safety Improve	ROW	100,000	0	0	0	0	0	0	0	0	100,000
8	Cumberland	Harrisburg	114562	Systemic Roadway Departure Low Cost Safety Improve	CON	0	171,691	1,253,737	0	0	0	0	0	0	1,425,428
8	York	York	114564	York County Low Cost Signal Improvements	PE	97,694	0	0	0	0	0	0	0	0	97,694
8	York	York	114564	York County Low Cost Signal Improvements	FD	65,126	0	0	0	0	0	0	0	0	65,126
8	York	York	114564	York County Low Cost Signal Improvements	CON	0	651,298	0	0	0	0	0	0	0	651,298
9	Blair	Altoona	114782	D9 2021 I-99 Blair HT-CMB	PE	100,000	0	0	0	0	0	0	0	0	100,000
9	Blair	Altoona	114782	D9 2021 I-99 Blair HT-CMB	CON	2,340,000	0	0	0	0	0	0	0	0	2,340,000
10	Butler	SPC	110783	10-2 SR 3021 Corridor Improvements	FD	200,000	0	0	0	0	0	0	0	0	200,000
10	Butler	SPC	110783	10-2 SR 3021 Corridor Improvements	CON	0	6,500,000	0	0	0	0	0	0	0	6,500,000
10	Butler	SPC	110826	PA 68 Zelenople Curve	CON	785,000	0	0	0	0	0	0	0	0	785,000
11	Allegheny	SPC	106773	Liberty Ave	FD	450,000	0	0	0	0	0	0	0	0	450,000
11	Allegheny	SPC	106773	Liberty Ave	CON	0	2,880,000	0	0	0	0	0	0	0	2,880,000
12	Washington	SPC	113755	Districtwide Cable Median Guiderail	CON	620,000	0	0	0	0	0	0	0	0	620,000
12	Washington	SPC	113757	SR 136/SR 1055 Flashing Beacon	CON	500,000	0	0	0	0	0	0	0	0	500,000
12	Westmoreland	SPC	113758	US 22/PA 819 Intersection Improvements	CON	500,000	0	0	0	0	0	0	0	0	500,000
99	Central Office	STWD Items	101969	HSIP Set Aside Reserve	CON	0	0	27,354,063	35,000,000	35,000,000	35,000,000	35,000,000	35,000,000	140,000,000	342,354,063
99	Central Office	STWD Items	106544	Municipal Safety LTAP	PE	404,157	0	0	0	0	0	0	0	0	2,712,471
99	Central Office	STWD Items	110068	MIRE FDE Local Road Data Collection	CON	2,448,012	551,988	0	0	0	0	0	0	0	3,000,000
99	Central Office	STWD Items	113174	2019 SHRP 2 Traff Incdnt Mgmt Responder Training	PRA	31,600	0	0	0	0	0	0	0	0	63,200
99	Central Office	STWD Items	113973	HSM Analysis Tool Updates & HSIP-IP Report	PRA	750,000	0	0	0	0	0	0	0	0	1,500,000
					total	\$35,000,000	\$35,000,000	\$35,000,000	\$35,000,000	\$35,000,000	\$35,000,000	\$35,000,000	\$35,000,000	\$140,000,000	423,878,014

**2021 TRANSPORTATION
ALTERNATIVE PROGRAM
(TAP) PROJECT LIST**

2021 Transportation Alternatives (TAP) Set-aside Program

Dist	County	Planning Partner	Project	Title	Phase	2021 Tot	2022 Tot	2023 Tot	2024 Tot	2025 Tot	2026 Tot	2027 Tot	2028 Tot	2029-32 Tot
1	Erie	Erie	111428	Downtown Erie Active Transportation Proj	CON	250,000	0	0	0	0	0	0	0	0
1	Erie	Erie	111429	PA 699: Pedestrian Safety Improvements	CON	0	429,480	0	0	0	0	0	0	0
1	Mercer	SVTS	111435	Springfield Twp Multimodal Trail Ph 2	CON	574,920	0	0	0	0	0	0	0	0
1	Venango	Northwest	98571	Allegheny Blvd. Multimodal Trail Project	CON	500,000	500,000	0	0	0	0	0	0	0
1	Venango	Northwest	111433	Franklin Ped Streetscape Safety Project	CON	400,000	496,760	0	0	0	0	0	0	0
2	Centre	Centre	111453	Atherton St. Pedestrian & Streetscape Improvements	CON	0	935,000	0	0	0	0	0	0	0
2	McKean	North Central	111457	Mount Jewett Route 6 Enhancements	CON	500,000	480,540	0	0	0	0	0	0	0
2	Mifflin	SEDA-COG	111461	Brown Township Streetscape	CON	834,610	0	0	0	0	0	0	0	0
3	Lycoming	Williamsport	111625	Miller's Run Greenway Project Phase II	CON	682,000	0	0	0	0	0	0	0	0
3	Lycoming	Williamsport	111628	Willow Street Green Infrastructure Pathway	CON	0	500,000	500,000	0	0	0	0	0	0
3	Montour	SEDA-COG	111599	Danville North Branch Canal Trail LeveeTrail	CON	0	620,629	0	0	0	0	0	0	0
3	Tioga	Northern Tier	105066	Marsh Creek Greenway	CON	0	750,000	750,000	0	0	0	0	0	0
3	Union	SEDA-COG	111606	Bull Run Greenway Phs 1 - Kidsburg	CON	500,000	500,000	0	0	0	0	0	0	0
4	Lackawanna	Scranton/W-B	111469	Dickson City Main Street; Enterprise Street Imp	CON	500,000	491,100	0	0	0	0	0	0	0
4	Lackawanna	Scranton/W-B	111472	Lack River Heritage Trail to Steamtown Ped Bridge	CON	500,000	500,000	0	0	0	0	0	0	0
4	Luzerne	Scranton/W-B	111473	Pittston North Main Street Streetscape	CON	500,000	499,897	0	0	0	0	0	0	0
4	Luzerne	Scranton/W-B	111478	Wilkes University Pedestrian Safety Imp PH III	CON	675,000	481,616	0	0	0	0	0	0	0
4	Susquehanna	Northern Tier	111462	Northern D&H Rail-Trail Improvements	CON	758,920	600,000	0	0	0	0	0	0	0
5	Lehigh	Lehigh Valley	110967	Geiger's Covered Bridge Rehabilitation	CON	74,100	0	0	0	0	0	0	0	0
5	Lehigh	Lehigh Valley	111442	Allentown Jordan Creek Greenway Trail	CON	1,000,000	0	0	0	0	0	0	0	0
5	Lehigh	Lehigh Valley	111443	D&L Trail Catasauqua to Canal Park	CON	838,188	0	0	0	0	0	0	0	0
5	Monroe	NEPA	111446	Tobyhanna Hike & Bike	CON	550,000	0	0	0	0	0	0	0	0
6	Bucks	DVRPC	111464	Shady Retreat SRTS Trail	CON	0	0	985,000	0	0	0	0	0	0
6	Bucks	DVRPC	111468	Lower Makefield Trail	CON	350,000	350,000	0	0	0	0	0	0	0
6	Chester	DVRPC	111474	My School on the Move	CON	111,000	0	0	0	0	0	0	0	0
6	Chester	DVRPC	111477	State Road Sidewalks	CON	0	0	1,280,300	0	0	0	0	0	0
6	Delaware	DVRPC	111486	Octoraro Trail Phase 1	CON	663,000	500,000	0	0	0	0	0	0	0
6	Delaware	DVRPC	111487	Walkable Chadds Ford	CON	0	0	1,000,000	0	0	0	0	0	0
6	Delaware	DVRPC	111488	Ridge Road Stormwater	CON	400,000	0	0	0	0	0	0	0	0
6	Montgomery	DVRPC	107996	Abington Township Trail	CON	450,000	0	0	0	0	0	0	0	0
6	Montgomery	DVRPC	108006	Limerick Township Trail	CON	500,000	470,000	0	0	0	0	0	0	0
6	Montgomery	DVRPC	108008	Tookany Creek Trail Phase 3	CON	700,000	0	0	0	0	0	0	0	0
6	Montgomery	DVRPC	111490	Whitpain Trail Network	CON	642,000	0	0	0	0	0	0	0	0
6	Montgomery	DVRPC	111491	Corinthian Trail	CON	0	0	739,704	0	0	0	0	0	0
6	Montgomery	DVRPC	111492	Limekiln Pike Sidewalk	CON	0	0	750,000	0	0	0	0	0	0
6	Montgomery	DVRPC	111493	Lower Salford Sidewalk	CON	0	0	505,000	0	0	0	0	0	0
6	Montgomery	DVRPC	111494	Kriebel Road Trail	CON	446,000	400,000	0	0	0	0	0	0	0
6	Montgomery	DVRPC	111495	Main Street/SR 29 Ped Improvements	CON	0	0	682,000	0	0	0	0	0	0
6	Philadelphia	DVRPC	79830	N Dela GreenTrail Sec1	CON	500,000	500,000	0	0	0	0	0	0	0

**2021 SECRETARY'S DISCRETIONARY
(SPIKE) PROJECT LIST
NHPP-STP-STATE FUNDS**

2021 Spike Projects (NHPP)

MPMS	Planning Partner	District	County	Project Title	Phase	2021	2022	2023	2024	2025	2026	2027	2028	2029-2032	Total
3142	Interstate	2	Centre	Exit 161 Bellefonte Int	CON	0	10,000,000	10,000,000	5,000,000	0	0	0	0	0	25,000,000
93494	Interstate	5	Berks	I-78 Rt 61 Bridge Replace	CON	32,650,000	19,550,000	0	0	0	0	0	0	0	52,200,000
94682	Lehigh Valley	5	Lehigh	Wire Mill Bridge	CON	4,000,000	0	0	0	0	0	0	0	0	4,000,000
111664	Interstate	8	York	Market Street Bridge over Mill Creek	CON	5,040,000	0	0	0	0	0	0	0	0	5,040,000
90839	Franklin	8	Franklin	US 30, Rocky Mountain Creek Bridge	CON	3,400,000	0	0	0	0	0	0	0	0	3,400,000
87795	Interstate	4	Pike	I-84, I-84 E&W I-4R E26-E34	CON	45,858,000	19,550,000	25,092,000	0	0	0	0	0	0	90,500,000
14698	DVRPC	6	Chester	US 422, Reconstruction (M2B)	CON	29,000,000	27,000,000	0	0	0	0	0	0	0	56,000,000
113994	Johnstown	9	Cambria	US22 Interchanges	CON	0	6,000,000	0	0	0	0	0	0	0	6,000,000
106682	Interstate	4	Lackawanna	Scranton Beltway/Turnpike	CON	0	0	10,000,000	10,000,000	10,000,000	10,000,000	0	0	0	40,000,000
92931	Interstate	8	Dauphin	I-83 Eisenhower Interchange	ROW	20,000,000	20,000,000	20,000,000	14,300,000	0	0	0	0	0	74,300,000
92931	Interstate	8	Dauphin	I-83 Eisenhower Interchange	CON	0	0	18,751,488	30,947,000	29,147,000	17,948,000	15,000,000	15,000,000	30,476,512	157,270,000
113378	Interstate	8	Dauphin	I-83 Eisenhower Interchange B	ROW	0	0	0	5,900,000	0	0	0	0	0	5,900,000
113378	Interstate	8	Dauphin	I-83 Eisenhower Interchange B	CON	0	0	0	0	0	0	12,098,000	13,135,000	61,865,000	146,990,000
113380	Interstate	8	Dauphin	I-83 Eisenhower Interchange C	ROW	0	0	0	1,500,000	0	0	0	0	0	1,500,000
113380	Interstate	8	Dauphin	I-83 Eisenhower Interchange C	CON	0	0	0	0	0	0	0	0	40,000,000	129,230,000
113381	Interstate	8	Dauphin	I-83 Eisenhower Interchange D	ROW	0	0	0	0	900,000	0	0	0	0	900,000
113381	Interstate	8	Dauphin	I-83 Eisenhower Interchange D	CON	0	0	0	0	0	0	0	0	34,463,488	80,871,000
110070	Lehigh Valley	5	Northampton	22 from Farmersville Rd to 512	CON	0	10,000,000	5,500,000	0	0	0	0	0	0	15,500,000
9128	Scranton W/B	4	Luzerne	PA 115 over I-81	CON	0	13,191,512	10,000,000	0	0	0	0	0	0	23,191,512
106662	Interstate	6	Montgomery	I-76 Integrated Corridor Management	CON	0	0	15,000,000	20,000,000	20,000,000	20,000,000	20,000,000	20,000,000	78,535,000	193,535,000
106662	Interstate	6	Montgomery	I-76 Integrated Corridor Management	FD	12,000,000	0	0	0	0	0	0	0	0	12,000,000
106662	Interstate	6	Montgomery	I-76 Integrated Corridor Management	UTL	15,000,000	0	0	0	0	0	0	0	0	15,000,000
106662	Interstate	6	Montgomery	I-76 Integrated Corridor Management	ROW	0	6,400,000	6,400,000	6,400,000	0	0	0	0	0	19,200,000
92924	Interstate	8	York	I-83, North York Widening	ROW	1,000,000	0	0	0	0	0	0	0	0	1,000,000
92924	Interstate	8	York	I-83, North York Widening	CON	0	0	0	0	17,901,000	10,000,000	0	0	0	27,901,000
112548	Interstate	8	York	Sherman Street & Eberts Lane	CON	0	7,336,488	3,303,512	0	0	0	0	0	0	10,640,000
112540	Interstate	8	York	Mill Creek Relocation	CON	0	3,920,000	0	0	0	0	0	0	0	3,920,000
112550	Interstate	8	York	North York Widening #2 (Codorus Creek Bridge)	CON	0	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	5,850,000	0	0	80,850,000
112549	Interstate	8	York	North York Widening # (Exit 19)	CON	0	0	0	0	0	15,000,000	15,000,000	15,000,000	42,200,000	87,200,000
14581	DVRPC	6	Chester	US 1: PA 896 - PA 41	CON	0	0	0	15,000,000	15,000,000	0	0	0	0	30,000,000
99874	Interstate	11	Allegheny	Pkwy East Corridor Transp	CON	0	0	0	0	10,000,000	10,000,000	10,000,000	10,000,000	20,000,000	60,000,000
97828	Interstate	8	Dauphin	I-83 East Shore (Section 3)	CON	0	0	8,901,000	0	0	0	0	0	0	8,901,000
113357	Interstate	8	Dauphin	I-83 East Shore (Section 3B)	CON	0	0	0	13,901,000	0	0	0	0	0	13,901,000
113376	Interstate	8	Dauphin	I-83 East Shore (Section 3C)	CON	0	0	0	0	0	0	0	0	75,000,000	200,000,000
107551	DVRPC	6	Chester	SR30/SR10 to Business 30 Int. Imp	CON	0	0	0	0	0	10,000,000	10,000,000	10,000,000	10,000,000	40,000,000
107553	DVRPC	6	Chester	SR 30 & Airport Rd Interchnage Imp	CON	0	0	0	0	0	0	10,000,000	10,000,000	10,000,000	30,000,000
107554	DVRPC	6	Chester	US30 & PA 82 Interchange Imp	CON	0	0	0	0	0	0	10,000,000	10,000,000	10,000,000	30,000,000
109618	Lancaster	8	Lancaster	US 222 Reconstruction/Widening 1	CON	0	0	0	0	10,000,000	10,000,000	0	0	0	20,000,000
102466	STWD Items	99	Central Office	Reserve Line Item	CON	0	0	0	0	0	0	0	0	0	0
						167,948,000	157,948,000	147,948,000	137,948,000	127,948,000	117,948,000	107,948,000	103,135,000	412,540,000	1,801,840,512

2021 Spike Projects (STP)

MPMS	Planning Partner	District	County	Project Title	Phase	2021	2022	2023	2024	2025	2026	2027	2028	2029-2032	Total
111768	Altoona	9	Blair	Frtown Br Juniata River Bridge	CON	0	883,550	0	0	0	0	0	0	0	883,550
111660	S. Alleghenies	9	Bedford	Shuster Way Heritage Trail	CON	0	0	0	0	815,000	705,000	980,000	0	0	2,500,000
91288	SPC	10	Butler	Balls Bend	CON	8,000,000	0	4,864,410	0	0	0	0	0	0	12,864,410
91845	SPC	11	Allegheny	PA 28/Highland Park Br Interchange	CON	8,706,000	1,154,450	2,894,590	5,795,000	0	0	0	0	0	18,550,040
105438	Interstate	11	Allegheny	I-376, Commercial Street Bridge	CON	0	0	0	0	15,000,000	15,000,000	20,901,000	0	0	50,901,000
86225	SPC	12	Greene	Greene County #75	PE	0	0	240,000	0	0	0	0	0	0	240,000
86225	SPC	12	Greene	Greene County #75	FD	0	0	180,000	0	0	0	0	0	0	180,000
86225	SPC	12	Greene	Greene County #75	UTL	0	0	10,000	0	0	40,000	0	0	0	50,000
86225	SPC	12	Greene	Greene County #75	ROW	0	0	0	0	0	70,000	0	0	0	70,000
86225	SPC	12	Greene	Greene County #75	CON	0	0	0	0	0	0	1,100,000	0	0	1,100,000
112595	SPC	12	Greene	Greene County #73	PE	0	0	0	210,000	0	0	0	0	0	210,000
112595	SPC	12	Greene	Greene County #73	FD	0	0	0	150,000	0	0	0	0	0	150,000
112595	SPC	12	Greene	Greene County #73	UTL	0	0	0	10,000	0	0	0	0	0	10,000
114552	STWD Items	99	Statewide	Historic Truss Bridge Preservation	CON	0	0	1,000,000	1,000,000	2,000,000	2,000,000	2,000,000	2,000,000	8,000,000	18,000,000
111145	STWD Items	99	Statewide	TSMO Reserve	CON	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	20,000,000	60,000,000
102620	STWD Items	99	Statewide	STP Reserve	CON	0	0	0	0	0	0	362,632	0	0	362,632
						44,510,000	44,330,000	44,099,000	43,815,000	43,815,000	43,815,000	43,815,000	43,815,000	175,260,000	527,274,000

2021 Program - Spike Projects (State)

MPMS	Planning Partner	District	County	Project Title	Phase	2021	2022	2023	2024	2025	2026	2027	2028	2029-2032	Total
99603	Northwest	1	Crawford	US 322: Pine Rd to US 6	CON	0	0	0	0	1,900,000	0	0	0	0	1,900,000
85535	North Central	2	Potter	T-300 over Oswayo Creek	FD	40,000	0	0	0	0	0	0	0	0	40,000
85535	North Central	2	Potter	T-300 over Oswayo Creek	UTL	10,000	0	0	0	0	0	0	0	0	10,000
85535	North Central	2	Potter	T-300 over Oswayo Creek	ROW	10,000	0	0	0	0	0	0	0	0	10,000
85535	North Central	2	Potter	T-300 over Oswayo Creek	CON	0	75,000	0	0	0	0	0	0	0	75,000
4383	North Central	2	McKean	T-437 Oswayo Creek	FD	40,000	0	0	0	0	0	0	0	0	40,000
4383	North Central	2	McKean	T-437 Oswayo Creek	UTL	10,000	0	0	0	0	0	0	0	0	10,000
4383	North Central	2	McKean	T-437 Oswayo Creek	ROW	10,000	0	0	0	0	0	0	0	0	10,000
4383	North Central	2	McKean	T-437 Oswayo Creek	CON	0	100,000	0	0	0	0	0	0	0	100,000
3608	North Central	2	Clearfield	T-206 Anderson Creek	FD	40,000	0	0	0	0	0	0	0	0	40,000
3608	North Central	2	Clearfield	T-206 Anderson Creek	UTL	10,000	0	0	0	0	0	0	0	0	10,000
3608	North Central	2	Clearfield	T-206 Anderson Creek	ROW	10,000	0	0	0	0	0	0	0	0	10,000
3608	North Central	2	Clearfield	T-206 Anderson Creek	CON	0	100,000	0	0	0	0	0	0	0	100,000
95990	North Central	2	Clearfield	T-566 over Clearfield Crk	FD	40,000	0	0	0	0	0	0	0	0	40,000
95990	North Central	2	Clearfield	T-566 over Clearfield Crk	UTL	10,000	0	0	0	0	0	0	0	0	10,000
95990	North Central	2	Clearfield	T-566 over Clearfield Crk	ROW	10,000	0	0	0	0	0	0	0	0	10,000
95990	North Central	2	Clearfield	T-566 over Clearfield Crk	CON	0	150,000	0	0	0	0	0	0	0	150,000
95989	North Central	2	Cameron	T-330 Salt Run	FD	30,000	0	0	0	0	0	0	0	0	30,000
95989	North Central	2	Cameron	T-330 Salt Run	ROW	10,000	0	0	0	0	0	0	0	0	10,000
95989	North Central	2	Cameron	T-330 Salt Run	UTL	10,000	0	0	0	0	0	0	0	0	10,000
95989	North Central	2	Cameron	T-330 Salt Run	CON	0	75,000	0	0	0	0	0	0	0	75,000
110175	SEDA-COG	2	Mifflin	T-420 over Kish Creek	FD	40,000	0	0	0	0	0	0	0	0	40,000
110175	SEDA-COG	2	Mifflin	T-420 over Kish Creek	UTL	10,000	0	0	0	0	0	0	0	0	10,000
110175	SEDA-COG	2	Mifflin	T-420 over Kish Creek	ROW	10,000	0	0	0	0	0	0	0	0	10,000
110175	SEDA-COG	2	Mifflin	T-420 over Kish Creek	CON	0	250,000	0	0	0	0	0	0	0	250,000
3763	SEDA-COG	2	Clinton	T-537 over Fishing Creek Bridge	FD	40,000	0	0	0	0	0	0	0	0	40,000
3763	SEDA-COG	2	Clinton	T-537 over Fishing Creek Bridge	UTL	10,000	0	0	0	0	0	0	0	0	10,000
3763	SEDA-COG	2	Clinton	T-537 over Fishing Creek Bridge	ROW	10,000	0	0	0	0	0	0	0	0	10,000
3763	SEDA-COG	2	Clinton	T-537 over Fishing Creek Bridge	CON	0	100,000	0	0	0	0	0	0	0	100,000
112784	Centre	2	Centre	State College Area Connector	PE	5,000,000	5,000,000	0	0	0	0	0	0	0	10,000,000
112784	Centre	2	Centre	State College Area Connector	FD	0	0	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	0	0	40,000,000
112784	Centre	2	Centre	State College Area Connector	UTL	0	0	0	0	10,000,000	10,000,000	9,000,000	0	0	29,000,000
112784	Centre	2	Centre	State College Area Connector	ROW	0	0	0	0	10,000,000	10,000,000	8,000,000	0	0	28,000,000
112784	Centre	2	Centre	State College Area Connector	CON	0	0	0	0	0	0	0	40,000,000	160,000,000	550,000,000
7588	SEDA-COG	3	Snyder	CSV T Pre Con Phases	FD	4,000,000	0	0	0	0	0	0	0	0	4,000,000
7588	SEDA-COG	3	Snyder	CSV T Pre Con Phases	UTL	3,000,000	0	0	0	0	0	0	0	0	3,000,000
7588	SEDA-COG	3	Snyder	CSV T Pre Con Phases	ROW	1,775,000	0	0	0	0	0	0	0	0	1,775,000
7588	SEDA-COG	3	Snyder	CSV T Pre Con Phases	CON	1,125,000	0	0	0	0	0	0	0	0	1,125,000
76401	SEDA-COG	3	Snyder	CSV T SS Earthwork-Southern Section Con #1	CON	25,000,000	25,000,000	25,000,000	25,000,000	25,000,000	25,000,000	25,000,000	25,000,000	31,761,058	231,761,058
76403	SEDA-COG	3	Snyder	CSV T SS Paving-Southern Section Con #3	CON	0	0	13,951,308	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	0	63,951,308
76404	SEDA-COG	3	Snyder	CSV T SS - PA 61 Connector-Section Con #4	CON	0	0	0	14,275,460	10,000,000	10,000,000	10,000,000	0	0	44,275,460
102810	SEDA-COG	3	Northumberland	CSV T - Ridge Road Improvements	CON	0	0	0	5,000,000	5,000,000	5,070,562	0	0	0	15,070,562
102811	SEDA-COG	3	Snyder	CSV T ITS	CON	0	0	0	5,500,000	5,500,000	5,603,297	0	0	0	16,603,297
76400	SEDA-COG	3	Union	CSV T Paving-North Section Con #3	CON	7,450,000	0	0	0	0	0	0	0	0	7,450,000
110337	SEDA-COG	3	Union	T-357 ov N Branch of Buffala Creek Bridge Removal	FD	50,000	0	0	0	0	0	0	0	0	50,000
110337	SEDA-COG	3	Union	T-357 ov N Branch of Buffala Creek Bridge Removal	UTL	10,000	0	0	0	0	0	0	0	0	10,000
110337	SEDA-COG	3	Union	T-357 ov N Branch of Buffala Creek Bridge Removal	ROW	10,000	0	0	0	0	0	0	0	0	10,000
110337	SEDA-COG	3	Union	T-357 ov N Branch of Buffala Creek Bridge Removal	CON	0	150,000	0	0	0	0	0	0	0	150,000
103841	SEDA-COG	3	Montour	T-308 over Beaver Run Bridge Removal	FD	30,000	0	0	0	0	0	0	0	0	30,000
103841	SEDA-COG	3	Montour	T-308 over Beaver Run Bridge Removal	ROW	10,000	0	0	0	0	0	0	0	0	10,000
103841	SEDA-COG	3	Montour	T-308 over Beaver Run Bridge Removal	CON	0	80,000	0	0	0	0	0	0	0	80,000
106671	SEDA-COG	2,3	Various	T-392 over Mud Run Bridge	FD	30,000	0	0	0	0	0	0	0	0	30,000
106671	SEDA-COG	2,3	Various	T-392 over Mud Run Bridge	ROW	10,000	0	0	0	0	0	0	0	0	10,000
106671	SEDA-COG	2,3	Various	T-392 over Mud Run Bridge	CON	0	585,000	0	0	0	0	0	0	0	585,000
98983	Williamsport	3	Lycoming	Main St to Southern Ave	CON	0	0	0	0	0	0	5,000,000	0	0	5,000,000

2021 Program - Spike Projects (State)

MPMS	Planning Partner	District	County	Project Title	Phase	2021	2022	2023	2024	2025	2026	2027	2028	2029-2032	Total
114079	Northern Tier	4	Susquehanna	Susquehanna County Paving	CON	0	0	0	0	0	0	2,000,000	0	0	2,000,000
72814	Reading	5	Berks	US 422 Reconstruction	CON	0	0	0	0	0	0	0	0	144,648,942	144,648,942
96470	NEPA	5	Schuylkill	PA 61 St. Clair to Frackville Reconstruction	CON	0	0	1,300,000	1,000,000	2,700,000	3,500,000	0	0	0	8,500,000
96423	Lehigh Valley	5	Northampton	Pave PA 33 I-78 to US 22	CON	0	0	0	0	0	0	8,000,000	0	0	8,000,000
92931	Interstate	8	Dauphin	Eisenhower Interchange	FD	4,000,000	7,008,900	0	0	0	0	0	0	0	11,008,900
92931	Interstate	8	Dauphin	Eisenhower Interchange	UTL	3,300,000	4,700,000	4,000,000	0	0	0	0	0	0	12,000,000
113378	Interstate	8	Dauphin	Eisenhower Interchange B	FD	0	0	7,289,300	3,000,000	0	0	0	0	0	10,289,300
113380	Interstate	8	Dauphin	Eisenhower Interchange C	FD	0	0	0	0	6,046,100	3,000,000	0	0	0	9,046,100
113381	Interstate	8	Dauphin	Eisenhower Interchange D	FD	0	0	0	0	0	0	9,937,900	0	0	9,937,900
97828	Interstate	8	Dauphin	I-83 East Shore (Section 3)	UTL	0	2,000,000	0	0	0	0	0	0	0	2,000,000
97828	Interstate	8	Dauphin	I-83 East Shore (Section 3)	ROW	10,000,000	11,000,000	12,000,000	12,000,000	0	0	0	0	0	45,000,000
113357	Interstate	8	Dauphin	I-83 East Shore (Section 3B)	FD	0	4,000,000	0	0	0	0	0	0	0	4,000,000
113357	Interstate	8	Dauphin	I-83 East Shore (Section 3B)	UTL	0	0	2,000,000	0	0	0	0	0	0	2,000,000
113357	Interstate	8	Dauphin	I-83 East Shore (Section 3B)	ROW	0	4,000,000	1,000,000	0	0	0	0	0	0	5,000,000
113376	Interstate	8	Dauphin	I-83 East Shore (Section 3C)	FD	0	0	0	0	3,500,000	1,500,000	0	0	0	5,000,000
113376	Interstate	8	Dauphin	I-83 East Shore (Section 3C)	UTL	0	0	0	0	0	2,000,000	0	0	0	2,000,000
113376	Interstate	8	Dauphin	I-83 East Shore (Section 3C)	ROW	0	0	0	0	0	5,000,000	0	0	0	5,000,000
92924	Interstate	8	York	I-83, North York Widening	FD	2,000,000	4,000,000	0	0	0	0	0	0	0	6,000,000
92924	Interstate	8	York	I-83, North York Widening	UTL	100,000	0	0	0	0	0	0	0	0	100,000
112548	Interstate	8	York	Sherman Street & Eberts Lane	FD	500,000	500,000	0	0	0	0	0	0	0	1,000,000
112548	Interstate	8	York	Sherman Street & Eberts Lane	UTL	190,000	0	0	0	0	0	0	0	0	190,000
112548	Interstate	8	York	Sherman Street & Eberts Lane	ROW	760,000	0	0	0	0	0	0	0	0	760,000
112540	Interstate	8	York	Mill Creek Relocation	FD	425,000	0	0	0	0	0	0	0	0	425,000
112540	Interstate	8	York	Mill Creek Relocation	UTL	70,000	0	0	0	0	0	0	0	0	70,000
112540	Interstate	8	York	Mill Creek Relocation	ROW	2,000,000	2,500,000	2,500,000	0	0	0	0	0	0	7,000,000
112550	Interstate	8	York	North York Widening #2 (Codus Creek Bridge)	FD	2,500,000	0	0	0	0	0	0	0	0	2,500,000
112550	Interstate	8	York	North York Widening #2 (Codus Creek Bridge)	UTL	1,000,000	0	0	0	0	0	0	0	0	1,000,000
112550	Interstate	8	York	North York Widening #2 (Codus Creek Bridge)	ROW	2,000,000	2,000,000	0	0	0	0	0	0	0	4,000,000
112549	Interstate	8	York	North York Widening #1 (Exit 19)	FD	0	6,000,000	1,000,000	0	0	0	0	0	0	7,000,000
112549	Interstate	8	York	North York Widening #1 (Exit 19)	UTL	0	0	3,300,000	0	0	0	0	0	0	3,300,000
112549	Interstate	8	York	North York Widening #1 (Exit 19)	ROW	0	0	0	5,099,540	1,500,460	0	0	0	0	6,600,000
58137	Adams	8	Adams	Eisenhower Drive Extension	CON	0	0	0	0	0	0	5,000,000	0	0	5,000,000
100343	Lebanon	8	Lebanon	Allentown Blvd/ Trib Racc	CON	0	0	0	0	750,000	250,000	0	0	0	1,000,000
108154	S. Alleghenies	9	Bedford	US 30 - Scenic Rd to SR 4010	CON	0	0	0	0	0	3,300,000	0	0	0	3,300,000
98132	North Central	10	Jefferson	T-385 Dobson Road Bridge	FD	30,000	0	0	0	0	0	0	0	0	30,000
98132	North Central	10	Jefferson	T-385 Dobson Road Bridge	ROW	10,000	0	0	0	0	0	0	0	0	10,000
98132	North Central	10	Jefferson	T-385 Dobson Road Bridge	CON	0	80,000	0	0	0	0	0	0	0	80,000
25944	North Central	10	Jefferson	T-396 Seldom Seen Bridge	FD	30,000	0	0	0	0	0	0	0	0	30,000
25944	North Central	10	Jefferson	T-396 Seldom Seen Bridge	ROW	10,000	0	0	0	0	0	0	0	0	10,000
25944	North Central	10	Jefferson	T-396 Seldom Seen Bridge	CON	0	100,000	0	0	0	0	0	0	0	100,000
91796	SPC	11	Allegheny	Streets Run Road	CON	0	0	0	0	0	0	0	12,000,000	8,000,000	20,000,000
100789	SPC	11	Allegheny	Saw Mill Run Blvd: PA 88 to US 19	CON	0	0	0	0	0	0	0	8,000,000	10,000,000	18,000,000
100956	SPC	11	Allegheny	West End Bridge	CON	0	0	0	0	0	0	0	8,080,000	56,920,000	65,000,000
105438	Interstate	11	Allegheny	I-376, Commercial Street Bridge	PE	2,000,000	2,000,000	0	0	0	0	0	0	0	4,000,000
105438	Interstate	11	Allegheny	I-376, Commercial Street Bridge	FD	0	0	4,500,000	1,500,000	0	0	0	0	0	6,000,000
105438	Interstate	11	Allegheny	I-376, Commercial Street Bridge	UTL	0	0	0	500,000	0	0	0	0	0	500,000
105438	Interstate	11	Allegheny	I-376, Commercial Street Bridge	ROW	0	0	0	600,000	0	0	0	0	0	600,000
97027	Interstate	11	Allegheny	I-376/Carnegie Interchange	PE	500,000	500,000	0	0	0	0	0	0	0	1,000,000
97029	Interstate	11	Allegheny	I-376/Greentree Interchange	PE	500,000	500,000	0	0	0	0	0	0	0	1,000,000
99874	Interstate	11	Allegheny	Pkwy East Corridor Transp	PE	3,000,000	3,000,000	0	0	0	0	0	0	0	6,000,000
99874	Interstate	11	Allegheny	Pkwy East Corridor Transp	FD	0	0	7,000,000	2,000,000	0	0	0	0	0	9,000,000
99874	Interstate	11	Allegheny	Pkwy East Corridor Transp	UTL	0	0	0	3,000,000	1,000,000	0	0	0	0	4,000,000
99874	Interstate	11	Allegheny	Pkwy East Corridor Transp	ROW	0	0	0	4,000,000	2,000,000	0	0	0	0	6,000,000

2021 Program - Spike Projects (State)

MPMS	Planning Partner	District	County	Project Title	Phase	2021	2022	2023	2024	2025	2026	2027	2028	2029-2032	Total
110601	Interstate	99	Central Office	INFRA Support	CON	0	500,000	500,000	500,000	500,000	1,000,000	3,000,000	0	0	6,000,000
106136	STWD Items	99	Central Office	P3 RBR Payments	CON	15,457,500	15,512,500	15,557,500	15,612,500	15,640,000	15,700,000	15,750,000	15,810,000	63,735,000	341,700,000
						15,457,500	15,512,500	15,557,500	15,612,500	15,640,000	15,700,000	15,750,000	15,810,000	63,735,000	341,700,000
105813	STWD Items	99	Central Office	HNTB P3 Support	PE	0	0	0	0	0	0	0	0	0	0
98968	STWD Items	99	Central Office	P3 Bridge Initiative	PE	0	0	0	0	0	0	0	0	0	0
98968	STWD Items	99	Central Office	P3 Bridge Initiative	UTL	0	0	0	0	0	0	0	0	0	0
98968	STWD Items	99	Central Office	P3 Bridge Initiative	ROW	0	0	0	0	0	0	0	0	0	0
98968	STWD Items	99	Central Office	P3 Bridge Initiative	CON	0	0	0	0	0	0	0	0	0	0
106679	STWD Items	99	Central Office	P3 Rail Carryover	PE/CON	0	0	0	0	0	0	0	0	0	0
102623	STWD Items	99	Central Office	RBR Reserve	CON	2,500,000	2,500,000	2,500,000	2,500,000	0	0	0	0	0	10,000,000
84337	STWD Items	99	Central Office	Reserve Line Item	CON	0	721,100	94,392	0	23,440	76,141	262,100	0	0	1,177,173
						116,250,000	120,300,000	127,050,000	134,700,000	134,700,000	134,700,000	134,700,000	134,700,000	538,800,000	2,231,750,000

**2021 TRANSPORTATION SYSTEMS
MANAGEMENT AND OPERATIONS (TSMO)
PROJECT LIST**

2021 Program - TSMO Projects (Spike STP)

MPMS	Planning Partner	District	County	Project Title	Phase	2021	2022	2023	2024	2025	2026	2027	2028	2029-2032	Total
114779	SVTS	1	Mercer	I-80/SR 19 Interchange ITS Addition - TSMO	CON	0	105,000	0	0	0	0	0	0	0	105,000
114778	SVTS	1	Mercer	I-80 Mercer County ITS Addition - TSMO	CON	0	225,000	0	0	0	0	0	0	0	225,000
114783	Erie MPO	1	Erie	I-90 Western Erie ITS Addition - TSMO	CON	0	205,000	0	0	0	0	0	0	0	205,000
114784	Northwest RPO	1	Crawford	I-79 Northern Crawford County ITS Addition - TSMO	CON	0	175,000	0	0	0	0	0	0	0	175,000
114785	Northwest RPO	1	Venango	I-80 Barkeyville ITS Addition - TSMO	CON	50,000	0	0	0	0	0	0	0	0	50,000
114189	North Central RPO	2	Clearfield	SR 255 Signal/ITS Project	CON	0	0	625,000	0	0	0	0	0	0	625,000
101960	Centre MPO	2	Centre	Atherton Street Phase III	CON	250,000	100,000	0	0	0	0	0	0	0	350,000
110086	Lehigh Valley MPO	5	Lehigh	22-LUI	CON	386,250	200,000	0	0	0	0	0	0	0	586,250
115014	NEPA	5	Schuylkill	Move Existing Message Board	CON	40,000	0	0	0	0	0	0	0	0	40,000
115024	NEPA	5	Schuylkill	Upgrade Analog CCTVs to Digital	CON	0	23,570	0	0	0	0	0	0	0	23,570
115312	Lehigh Valley MPO	5	Lehigh	LVTS Upgrade Analog CCTVs to Digital	CON	0	49,285	0	0	0	0	0	0	0	49,285
115311	Reading MPO	5	Berks	RATS Upgrade Analog CCTVs to Digital	CON	0	32,145	0	0	0	0	0	0	0	32,145
94900	Reading MPO	5	Berks	RATS Freeway Service Patrol	CON	161,515	100,000	0	0	0	0	0	0	0	261,515
68190	Lehigh Valley MPO	5	Lehigh	Lehigh Valley Freeway Service Patrol	CON	143,639	150,000	0	0	0	0	0	0	0	293,639
114949	DVRPC	6	Montgomery	Replacement of Antiquated Dynamic Message Signs	CON	534,884	500,000	0	0	0	0	0	0	0	1,034,884
114960	DVRPC	6	Delaware	I-476 Ramp Meter Upgrade	CON	265,300	200,000	0	0	0	0	0	0	0	465,300
114855	York MPO	8	York	TSMO York Co US 30 Camera Gaps	CON	85,747	0	0	0	0	0	0	0	0	85,747
114853	HATS	8	Cumberland	HATS TSMO	CON	636,878	500,000	0	0	0	0	0	0	0	1,136,878
114856	Adams MPO	8	Adams	TSMO Adams County Devices	CON	400,701	400,000	0	0	0	0	0	0	0	800,701
114773	S. Alleghenies RPO	9	Bedford	2020 S. Alleghenies TSMO Retrofit	CON	80,000	80,000	0	0	0	0	0	0	0	160,000
114774	Altoona MPO	9	Blair	2020 Altoona TSMO Install	PE	70,000	65,000	0	0	0	0	0	0	0	135,000
114775	S. Alleghenies RPO	9	Somerset	2020 S. Alleghenies TSMO Install	CON	85,000	85,000	0	0	0	0	0	0	0	170,000
114842	SPC	10	Indiana	SR 22 ITS Enhancement Project - TSMO	CON	142,224	0	0	0	0	0	0	0	0	142,224
114843	SPC	10	Armstrong	Route 28 AVE ITS Project - TSMO	CON	166,036	100,000	0	0	0	0	0	0	0	266,036
113607	SPC	11	Beaver	I-376 Beaver County ITS	PE	75,000	75,000	0	0	0	0	0	0	0	150,000
115279	SPC	11	Allegheny	Park and Ride Space Availability Information System	CON	143,750	150,000	0	0	0	0	0	0	0	293,750
115277	SPC	11	Allegheny	Western Regional Traffic Management Center Upgrades	PE/CON	90,000	85,000	0	0	0	0	0	0	0	175,000
115214	SPC	12	Washington	D12 I-70 Cameras Exit 39-43	CON	147,000	130,000	0	0	0	0	0	0	0	277,000
115218	SPC	12	Washington	D12 I-70 Fiber Installation-1	CON	124,088	110,000	0	0	0	0	0	0	0	234,088
115220	SPC	12	Washington	D12 I-70 Fiber Installation-2	CON	124,088	110,000	0	0	0	0	0	0	0	234,088
112699	STWD Items	99	Statewide	INRIX 2020-2021*	PRA	692,900	1,025,000	0	0	0	0	0	0	0	1,717,900
111145	STWD Items	99	Statewide	TSMO Reserve	CON	105,000	20,000	4,375,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	20,000,000	49,500,000
						5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	20,000,000	60,000,000