

DVRPC FY 2017-2020 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 16150 *Tookany Creek Parkway Bridge Over Tookany Creek (CB) SR:7102*

LIMITS Over Tookany Creek

Est Let Date: 12/15/2019

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Cheltenham Township

FC:

AQ Code:S19

PLAN CENTER:

IPD: 2

PROJECT MANAGER: TSS/GANNETT/S. New

CMP: Not SOV Capacity Adding

CMP Subcorridor(s): 5G

PennDOT Class: Bridge Replacement

PennDOT Improvement: Bridge Replacement

NHPP:

In Cheltenham Township, east of Jenkintown, this project involves rehabilitating or replacing the Tookany Creek Parkway bridge over the tributary of the Tookany Creek (Bridge Bill 2). A final alternative for bridge rehabilitation or replacement is determined upon federal National Environmental Policy Act (NEPA) or state Categorical Exclusion clearance.

TIP Program Years (\$ 000)

Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028
ROW	STP	42											
ROW	183	8											
ROW	LOC	2											
UTL	STP			45									
UTL	183			9									
UTL	LOC			2									
CON	STP				390								
CON	STU				816								
CON	183				226								
CON	LOC				75								
		52	0	56	1,507	0	0	0	0	0	0	0	0
		Total FY2017-2020		1,615		Total FY2021-2024			0	Total FY2025-2028			0

DVRPC FY 2017-2020 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 16214 PA 611, Old York Road Over SEPTA R3 SR:0611

LIMITS Over SEPTA West Trenton Line (Noble Station)

Est Let Date: 1/11/2018

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Abington Township

FC: 14

AQ Code:S19

PLAN CENTER:

IPD: 2

PROJECT MANAGER: TSS/H. Freed

CMP: Not SOV Capacity Adding

CMP Subcorridor(s): 14E

PennDOT Class: Bridge Replacement

PennDOT Improvement: Bridge Replacement

NHPP: Y

The Old York Road bridge must be replaced with a new structure and is a three span, concrete-encased, I-beam structure supported by reinforced concrete abutments and column pier bents. This structure carries five travel lanes (including one left turning lane) of PA Route 611 and two pedestrian sidewalks with a total structure width of 69' and structure length of approximately 113 feet. Signalized intersections are located at each approach to the bridge. The existing bridge was rated poor in an inspection report performed in 2003. The overall bridge is deteriorating. The abutment has wide cracks, severe scale and large spalls. The superstructure over the loading platforms are exhibiting spalls and heavy scale. There were two small holes noted in the sidewalk on the bridge.

A final alternative for bridge rehabilitation or replacement is determined upon federal National Environmental Policy Act (NEPA) or state Categorical Exclusion clearance.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
CON	NHPP	4,243												
CON	185	1,060												
CON	NHPP													
CON	185									4,243				
CON	STU									1,060				
CON	581													
		5,303	0	0	0	0	0	0	0	5,303	0	0	0	
		Total FY2017-2020			5,303	Total FY2021-2024				0	Total FY2025-2028			5,303

DVRPC FY 2017-2020 TIP for PA

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Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 16216 *Pennswood Road Bridge Over Amtrak/SEPTA R5 Rail Lines SR:7104*

LIMITS Over Amtrak/SEPTA Paoli Rail Lines

Est Let Date: 7/12/2018

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Lower Merion Township

FC:

AQ Code:S19

PLAN CENTER: Town Center

IPD: 1

PROJECT MANAGER: EE/M. Holva

CMP: Not SOV Capacity Adding

CMP Subcorridor(s): 7B

PennDOT Class: Bridge Replacement

PennDOT Improvement: Bridge Replacement

NHPP:

Replacement of the existing structure carrying Pennswood Road over Amtrak. It is anticipated that traffic will be detoured during construction. There will be minimal roadway approach work. The existing conditions include 2 – 12' travel lanes and sidewalks on both sides. The proposed conditions include 2 – 14'-6" lanes and 5' sidewalks on both sides. Sufficiency Rating: 26.0

A final alternative for bridge rehabilitation or replacement is determined upon federal National Environmental Policy Act (NEPA) or state Categorical Exclusion clearance.

TIP Program Years (\$ 000)

Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028
FD	183	34											
FD	LOC	8											
ROW	BOF	35											
ROW	STU*	20											
UTL	BOF	551											
UTL	STU*	800											
UTL	183	38											
UTL	LOC	13											
CON	STU		3,934										
CON	183		738										
CON	LOC		246										
		1,499	4,918	0	0	0	0	0	0	0	0	0	0
		Total FY2017-2020		6,417		Total FY2021-2024				0			
						Total FY2025-2028				0			

DVRPC FY 2017-2020 TIP for PA

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Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 16239 **NEW HANOVER SQ RD BR**

LIMITS Between New Road and Swamp Creek

Est Let Date: 12/9/2022

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: New Hanover Township

FC: 7

AQ Code:S19

PLAN CENTER:

IPD: 1

PROJECT MANAGER: HNTB/N. Velaga

CMP: Not SOV Capacity Adding

PennDOT Class: Bridge Replacement

PennDOT Improvement: Bridge Replacement

NHPP:

Bridge rehabilitation or replacement of state bridge over Swamp Creek on New Hanover Square Road between New Road and Swamp Creek Road in New Hanover Township. Structurally Deficient bridge breakout project from MPMS #88706.

A final alternative for bridge rehabilitation or replacement is determined upon federal National Environmental Policy Act (NEPA) or state Categorical Exclusion clearance.

TIP Program Years (\$ 000)													
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028
PE	185	637											
FD	185		293										
FD	185				527								
ROW	185		82										
UTL	BOF			45									
UTL	185			11									
CON	TOLL												
CON	BOF					2,388							
		637	375	56	527	2,388	0	0	0	0	0	0	0
		Total FY2017-2020			1,595	Total FY2021-2024			2,388	Total FY2025-2028			0

MPMS# 16248 **Union Avenue (Bridge) SR:7104**

Return

LIMITS Over SEPTA R6, Cynwyd Rail Line

Est Let Date: 12/15/2016

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Lower Merion Township

FC:

AQ Code:S19

PLAN CENTER:

IPD: 0

PROJECT MANAGER: TSS/GANNETT/S. New

CMP: Not SOV Capacity Adding

CMP Subcorridor(s): 5F, 7A

PennDOT Class: Bridge Replacement

PennDOT Improvement: Bridge Replacement

NHPP:

Replace narrow two lane bridge. New bridge will include two 5 foot wide sidewalks.

A final alternative for bridge rehabilitation or replacement is determined upon federal National Environmental Policy Act (NEPA) or state Categorical Exclusion clearance.

TIP Program Years (\$ 000)													
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028
CON	BOF	632											
CON	183	119											
CON	LOC	39											
CON	BOF		474										
CON	183		89										
CON	LOC		30										
		790	593	0	0	0	0	0	0	0	0	0	0
		Total FY2017-2020			1,383	Total FY2021-2024			0	Total FY2025-2028			0

DVRPC FY 2017-2020 TIP for PA

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Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 16334 PA 73, Church Road Intersection and Signal Improvements SR:0073

LIMITS Greenwood Avenue to Rice's Mill Road

Est Let Date: 4/19/2018

IMPROVEMENT Intersection/Interchange Improvements

MUNICIPALITIES: Cheltenham Township

FC: 14; 16

AQ Code:2025M

PLAN CENTER:

IPD: 4

PROJECT MANAGER: HNTB/N. Velaga

CMP: Minor SOV Capacity

CMP Subcorridor(s): 14E

PennDOT Class: Safety Improvement

PennDOT Improvement: Safety Improvement

NHPP: Y

This project involves the addition of turn lanes at the intersections of PA 73 (Church Road) and Greenwood Avenue. Left turn lanes will be added on Church Road and right turn lanes will be added on Greenwood Avenue. The traffic signals on PA 73 at Greenwood Avenue and Rice's Mill Road will be interconnected. Drainage in the area will be improved. The existing sidewalk on the east side of Greenwood going north from the intersection with Church Road will be maintained. Additional sidewalks can be considered if there is local support, including the willingness to be responsible for maintenance, and if the improvements can be made ADA compliant. However, the right-of-way constraints are significant, including the Curtis Arboretum and the Rabbinical College. The impacts of additional required right-of-way for bicycle or pedestrian facilities may cause cultural resource and/or community impacts that are not acceptable. These issues will be addressed as the project moves through the preliminary engineering phase into final design.

		TIP Program Years (\$ 000)													
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028		
ROW	CAQ	1,623													
ROW	TOLL														
CON	TOLL														
CON	CAQ					6,843									
		1,623	0	0	0	0	6,843	0	0	0	0	0	0		
		Total FY2017-2020			1,623	Total FY2021-2024				6,843	Total FY2025-2028				0

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Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 16396 Church Road Bridge Over Norristown High Speed Line (CB) SR:7220

LIMITS Over SEPTA Route 100

Est Let Date: 7/26/2018

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Upper Merion Township

FC:

AQ Code:S19

PLAN CENTER:

IPD: 3

PROJECT MANAGER: TSS/GANNETT/S. New

CMP: Not SOV Capacity Adding

CMP Subcorridor(s): 1A, 9B

PennDOT Class: Bridge Replacement

PennDOT Improvement: Bridge Replacement

NHPP:

This project consists of the replacement of the Church Road Bridge and approaches over the SEPTA Route 100 rail line (Norristown High Speed Line) in Upper Merion Township. The project includes widening of the bridge to meet current design standards for a two lane roadway with a pedestrian sidewalk on one side.

A final alternative for bridge rehabilitation or replacement is determined upon federal National Environmental Policy Act (NEPA) or state Categorical Exclusion clearance.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
ROW	STU	47												
ROW	183	8												
ROW	LOC	3												
UTL	STU	467												
UTL	183	88												
UTL	LOC	29												
CON	STP		2,029											
CON	183		380											
CON	LOC		126											
CON	STU			2,029										
CON	183			380										
CON	LOC			126										
		642	2,535	2,535	0	0	0	0	0	0	0	0	0	
		Total FY2017-2020			5,712	Total FY2021-2024				0	Total FY2025-2028			0

DVRPC FY 2017-2020 TIP for PA

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Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 16400 Arcola Road Bridge Over Perkiomen Creek (CB# 155) SR:7046

Return

LIMITS Over Perkiomen Creek

Actl Let Date: 8/14/2014

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Lower Providence Township; Upper Providence Township

FC:

AQ Code:S19

PLAN CENTER:

IPD: 0

PROJECT MANAGER: TSS/GANNETT/S. New

CMP: Not SOV Capacity Adding

CMP Subcorridor(s): 9A

PennDOT Class: Bridge Replacement

PennDOT Improvement: Bridge Replacement

NHPP:

The new three-lane bridge will replace the existing closed bridge. It will have 5 foot shoulders on each side, a sidewalk on one side, and a total width of approximately 50 feet. There are no bike lanes on any of the approach lanes due to narrowness. Access to the nearby Perkiomen Trail is "Share-the-Road." The middle lane will serve as a turn lane for Arcola/Level Roads on the Lower Providence side (stop sign on bridge approach) and a turn lane, including a traffic signal, for the Arcola/Cider Mill approach on the Upper Providence side will be installed.

A final alternative for bridge rehabilitation or replacement is determined upon federal National Environmental Policy Act (NEPA) or state Categorical Exclusion clearance.

TIP Program Years (\$ 000)

Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
CON	BOF	380												
CON	183	94												
CON	LOC	31												
		505	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2017-2020			505	Total FY2021-2024				0	Total FY2025-2028			0

DVRPC FY 2017-2020 TIP for PA

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Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 16408 *Fruitville Road Bridge Over Perkiomen Creek (CB #232) SR:7046*

LIMITS Over Perkiomen Creek

Est Let Date: 2/15/2019

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Upper Hanover Township

FC:

AQ Code:S19

PLAN CENTER:

IPD: 0

PROJECT MANAGER: TSS/GANNETT/S. New

CMP: Not SOV Capacity Adding

PennDOT Class: Bridge Replacement

PennDOT Improvement: Bridge Replacement

NHPP:

The existing bridge will be maintained by Upper Hanover Township for recreational use. The new bridge will be constructed on a different alignment (location to be determined) and will have two lanes with shoulders.

A final alternative for bridge rehabilitation or replacement is determined upon federal National Environmental Policy Act (NEPA) or state Categorical Exclusion clearance.

TIP Program Years (\$ 000)

Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028
FD	BOF	495											
FD	183	93											
FD	LOC	31											
ROW	BOF			53									
ROW	183			11									
ROW	LOC			2									
UTL	BOF				54								
UTL	183				10								
UTL	LOC				4								
CON	BOF					344							
CON	183					65							
CON	LOC					21							
		619	0	66	68	0	430	0	0	0	0	0	0
		Total FY2017-2020			753	Total FY2021-2024			430	Total FY2025-2028			0

DVRPC FY 2017-2020 TIP for PA

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Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 16438 PA 309, Connector Project - Phase I SR:1058

Return

LIMITS Allentown Road to PA 63/Sumneytown Pike

No Let Date

IMPROVEMENT Roadway New Capacity

MRPID:57

MUNICIPALITIES: Franconia Township; Lower Salford Township; Towamencin Townshi **FC:** 14; 16

AQ Code:2013M

PLAN CENTER:

IPD:

PROJECT MANAGER: **CMP:** Major SOV Capacity

CMP Subcorridor(s): 2A, 11A, 14C

PennDOT Class: New Alignment

PennDOT Improvement: New Alignment

NHPP: Y

Provide an adequate two lane roadway connection by upgrading two existing two lane roads (Wambold Rd. and Township Line Rd.) and connecting them with a two lane roadway approximately one mile in length. This project will correct the disjointed and inadequate road system serving the north/south movement between PA 309 and the PA Turnpike Lansdale Interchange. This project will proceed in 2 phases.

The Right-Sized Phase 1 Project includes the proposed realignment of Sumneytown Pike (PA 63) from Old Forty Foot Road to Freed Road and improvements to Wambold Road from Sumneytown Pike (PA 63) to Allentown Road. The proposed work includes a three lane relocation of PA 63 with shoulders (11' lanes and 8' shoulders) on Wambold Road and a two lane runaround around Mainland Village.

Phase II: This phase will extend Phase I from Allentown Rd on a new two-lane roadway, one mile in length, to connect to Township Line Rd at Godshall Rd. Township Line Rd will be upgraded and extended to a new interchange at PA-309 and County Line Rd.

SAFETEA DEMO #613, PA ID# 338 - \$1.280 MILLION. DEMO PA ID #206 - \$4,59,394.

TIP Program Years (\$ 000)

Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028
FD	STP		1,050										
FD	581		263										
		0	1,313	0	0	0	0	0	0	0	0	0	0
		Total FY2017-2020		1,313		Total FY2021-2024		0		Total FY2025-2028		0	

MPMS# 16484 Edgehill Road Bridge Over Old York Road SR:2034

Return

LIMITS Over Old York Road

No Let Date

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Abington Township

FC: 17

AQ Code:S19

PLAN CENTER:

IPD: 1

PROJECT MANAGER: EE/M. Holva

CMP: Not SOV Capacity Adding

CMP Subcorridor(s): 14E

PennDOT Class: Bridge Restoration

PennDOT Improvement: Bridge Restoration

NHPP: N

This project involves rehabilitating or replacing the bridge carrying Edgehill Road over Old York Road. The work includes replacing the deck of the bridge and painting and the replacement of approach curb and sidewalk. The bridge carries a 2 lane road with sidewalks over a 4 lane road with sidewalks and a mountable median. The single span, 116'-long built-up steel through girder bridge is supported on horizontally scored concrete abutments with stepped modern style pilasters.

A final alternative for bridge rehabilitation or replacement is determined upon federal National Environmental Policy Act (NEPA) or state Categorical Exclusion clearance.

TIP Program Years (\$ 000)

Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028
CON	STU		200										
		0	200	0	0	0	0	0	0	0	0	0	0
		Total FY2017-2020		200		Total FY2021-2024		0		Total FY2025-2028		0	

DVRPC FY 2017-2020 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 16577 Ridge Pike, Butler Pike to Crescent Avenue Reconstruction and Signal Upgrade SR:0000

LIMITS Butler Pike to Crescent Avenue

Est Let Date: 2/6/2022

IMPROVEMENT Roadway Rehabilitation

MUNICIPALITIES: Springfield Township; Whitemarsh Township

FC:

AQ Code:2025M

PLAN CENTER:

IPD: 1

PROJECT MANAGER: AECOM/C. Carmichael

CMP: Major SOV Capacity

CMP Subcorridor(s): 15B

PennDOT Class: Highway Restoration

PennDOT Improvement: Highway Restoration

NHPP:

This project involves reconstructing the roadway and drainage, upgrading and interconnecting traffic signals, and adding turn lanes at Joshua Road, Barren Hill Road, and Manor Road intersections. Sidewalks will be included where feasible. Phase 1 will be from Crescent Road to Philadelphia line to widen existing three lanes to four lanes. Phase 2 will be from Butler Pike to Crescent Road. Currently the roadway is 4 lanes (2 in each direction) between Butler and Church Road, and three lanes from Church Road to Philadelphia city line (2 west-bound and 1 east-bound).

Project CMP (Congestion Management Process) commitments include signal upgrades, new sidewalk connections, turning movement enhancements, and emergency vehicle signal pre-emption. See DVRPC's 2010 memorandum on supplemental strategies for details related to this project.

TIP Program Years (\$ 000)

Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028
FD	LOC	1,061											
ROW	STU				1,391								
ROW	LOC				348								
CON	STU					531							
CON	LOC					133							
CON	STU						10,931						
CON	LOC						2,731						
		1,061	0	0	1,739	664	13,662	0	0	0	0	0	0
		Total FY2017-2020		2,800		Total FY2021-2024		14,326		Total FY2025-2028			0

DVRPC FY 2017-2020 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 16599 PA 320 at Hanging Rock SR:0320

LIMITS Upper Gulph Road to Arden Road adjacent to the "Hanging Rock"

Est Let Date: 6/20/2019

IMPROVEMENT Roadway Rehabilitation

MUNICIPALITIES: Upper Merion Township

FC:

AQ Code:S4

PLAN CENTER:

IPD: 1

PROJECT MANAGER: AECOM/C. Carmichael

CMP: Not SOV Capacity Adding

CMP Subcorridor(s): 3C

PennDOT Class: Highway Restoration

PennDOT Improvement: Highway Restoration

NHPP:

Road restoration, including road stabilization along the creek. The character of the roadway will not be changed. The road width currently varies between 24' and 28' with curbing and guiderail. The width of the restored road will be evened out to 28' with curbing and guiderail.

Project includes replacing existing wall along creek. Reconstruct roadway, construct concrete curbs, install storm pipes and inlets as needed, install guide rail as required.

TIP Program Years (\$ 000)

Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028
FD	STU	1,485											
FD	TOLL												
FD	STU		300										
ROW	581		328										
UTL	581		328										
CON	STU					898							
CON	581					224							
CON	STU						898						
CON	581						224						
CON	STU									3,400			
CON	581									850			
CON	STU										3,400		
CON	581										850		
		1,485	956	0	0	1,122	1,122	0	0	4,250	4,250	0	0
		Total FY2017-2020		2,441		Total FY2021-2024		2,244		Total FY2025-2028		8,500	

DVRPC FY 2017-2020 TIP for PA

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Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 16610 Ashmead Road Bridge Over Tookany Creek (CB) SR:7102

LIMITS Over Tookany Creek

Est Let Date: 8/10/2017

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Cheltenham Township

FC:

AQ Code:S19

PLAN CENTER:

IPD: 3

PROJECT MANAGER: TSS/GANNETT/S. New

CMP: Not SOV Capacity Adding

CMP Subcorridor(s): 5G

PennDOT Class: Bridge Replacement

PennDOT Improvement: Bridge Replacement

NHPP:

The proposed project consists of the replacement of an existing steel girder bridge with a new concrete spread box beam bridge. The replacement will be on-alignment with little widening and no elevation change required. Only minimal approach work is needed to connect Ashmead Road with the new structure.

A final alternative for bridge rehabilitation or replacement is determined upon federal National Environmental Policy Act (NEPA) or state Categorical Exclusion clearance.

TIP Program Years (\$ 000)

Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
UTL	STP			45										
UTL	185			9										
UTL	LOC			2										
CON	BOF		2,222											
CON	183		416											
CON	LOC		138											
CON	STP													
CON	185													
CON	LOC													
		0	2,776	56	0	0	0	0	0	0	0	0	0	
		Total FY2017-2020			2,832	Total FY2021-2024				0	Total FY2025-2028			0

DVRPC FY 2017-2020 TIP for PA

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Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 16658 Old Forty Foot/Skippack (Bridge)

LIMITS over Skippack Creek

Est Let Date: 3/15/2018

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Towamencin Township

FC: 17

AQ Code:S19

PLAN CENTER:

IPD: 0

PROJECT MANAGER: EE/J. Arena

CMP: Not SOV Capacity Adding

PennDOT Class: Bridge Replacement

PennDOT Improvement: Bridge Replacement

NHPP:

This is a Structurally Deficient bridge breakout project from MPMS #88706. This project involves rehabilitating or replacing a bridge near Old Forty Foot Road and Skippack Pike (Route 73) in Lower Salford Township, Montgomery County. A final alternative for bridge rehabilitation or replacement is determined upon federal National Environmental Policy Act (NEPA) or state Categorical Exclusion clearance.

		TIP Program Years (\$ 000)													
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028		
FD	STP	424													
FD	185	106													
ROW	STP		175												
ROW	185		44												
UTL	STP			276											
UTL	185			69											
CON	STU		1,326												
CON	185		332												
CON	STP														
CON	185														
		530	1,877	345	0	0	0	0	0	0	0	0	0		
		Total FY2017-2020			2,752	Total FY2021-2024				0	Total FY2025-2028				0

DVRPC FY 2017-2020 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 16665 **US 202, Markley Street Southbound (Section 500) SR:0202**

LIMITS Main Street to Johnson Highway No Let Date

IMPROVEMENT Intersection/Interchange Improvements MRPID:21

MUNICIPALITIES: East Norriton Township; Norristown Borough **FC:** 14 AQ Code:S10

PLAN CENTER: Town Center IPD: 7

PROJECT MANAGER: EE/J. Brown **CMP:** Major SOV Capacity CMP Subcorridor(s): 8E, 9B

PennDOT Class: Additional Lanes **PennDOT Improvement:** Additional Lanes **NHPP:** Y

This project serves for the pre-construction phases of the Markley Street rehabilitation project for Section 500 of US 202 (SR 3020 and Norristown Borough Street) ; from approximately 700 feet south of Main Street (local street) to Johnson Highway (SR 3017) for a total length of approximately 8,500 linear feet; and on Johnson Highway (SR 3017) from Markley Street to Powell Street (local street) for a total length of approximately 2,200 feet. Between Main Street (local street) and Marshall Street (local street), Markley Street is a four-lane divided street with no parking permitted. Between Marshall Street and Johnson Highway (SR 3017), it is a two-lane street, with parking typically permitted on both sides. This parent project will incorporate all pre-construction phases (UTL and ROW) for MPMS# 80021 (Section 510) and 80022 (Section 520), which will be used for the respective construction contracts.

The scope also includes some operational improvements instead of strict road reconstruction by adding an extension of Barbadoes Street, in Norristown, between Lafayette Street and Washington Street to provide an eastern connection to Water Street and alleviate truck turning conflicts, for the Norristown Transfer Station, at the intersection of Water Street and Main Street. There is also an upgrade to the railroad grade crossings at Main Street and Marshall Street by installing new gates, signals and crossing surfaces and replacing existing traffic signals on Markley Street at the intersections of Main Street, Marshall Street and Elm Street.

In the DVRPC region, US 202 covers 61 miles, traversing 27 municipalities. It serves as a major commuter route and is a vital link for business and industry. For planning purposes, US 202 has been divided into seven major sections (100 through 700), and some of those sections have been broken down further to simplify construction management.

Project CMP (Congestion Management Process) commitments include strategies such as improvements for transit users, bicyclists, pedestrians, and drivers on the existing road network (operations). See DVRPC's 2007 and 2011 annual memoranda on supplemental strategies for details related to this project.

		TIP Program Years (\$ 000)													
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028		
FD	581	855													
UTL	NHPP	1,018													
UTL	581	255													
		2,128	0	0	0	0	0	0	0	0	0	0	0		
		Total FY2017-2020			2,128			Total FY2021-2024			0			Total FY2025-2028	

DVRPC FY 2017-2020 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 16703 **Old Betzwood Bridge Bicycle/Pedestrian Trail (C047) - Part 5 of River Crossing Complex SR:3051** Return

LIMITS Over Schuylkill River and Norfolk Southern Railroa Actl Let Date: 12/5/2013

IMPROVEMENT Bicycle/Pedestrian Improvement

MUNICIPALITIES: Upper Merion Township; West Norriton Township FC: 16 AQ Code:A2

PLAN CENTER: IPD: 0

PROJECT MANAGER: George Dunheimer ADE CONSTR **CMP: Not SOV Capacity Adding** CMP Subcorridor(s): 1A, 9B

PennDOT Class: Bicycle/Pedestrian PennDOT Improvement: Bicycle/Pedestrian NHPP: N

The new bridge which replaces the Old Betzwood vehicular bridge over the Schuylkill River will accommodate bicycles and pedestrians. This project will also provide for rehabilitation of the Trooper Road superstructure over Norfolk Southern railroad and replacement of the Trooper Road structure over the Schuylkill River Trail. Trails will also be constructed from the existing Montgomery County Schuylkill Trail to the new bridge and from the bridge to PA 23 in Valley Forge Park. This project is part of the Montgomery County Planning Commission recommended Trail Plan.

This trail project is intended for transportation purposes, including trips to public venues, businesses and services. This project will provide non-motorized transportation connections from residential communities (Riverview at Valley Forge, Valley Forge Crossing, Valley Forge Towers & Apartments) to major employment centers (King of Prussia Business Park, Valley Forge Corporate Center) and retail/service centers (King of Prussia Mall, Valley Forge Convention Center, Greater Philadelphia Expo Center) in Upper Merion, West Norriton and Lower Providence Townships. This project will also provide a connection between the north and south sides of the Valley Forge National Historical Park to minimize impacts of vehicular traffic within the National Historical Landmark.

This project is part (5) of the "River Crossing Complex," which is a complex area of roadways, interchanges, intersections, and bridges in and around the Valley Forge National Historic Park. Environmental clearance for various components was undertaken through MPMS #46954, and individual projects have been broken out as follows:

- 1) PA 23/US 422 Interchange and North Gulph Road Improvements (MPMS #66952).
- 2) US 422/PA 363 Interchange, including providing movements to/from the west (MPMS #64796) along with the Adams Ave west-bound off ramp. Provide west-bound on-ramp from PA 363 Trooper Road and west-bound off-ramp to Adams Avenue.
- 3) US 422 Exwy Bridge over the Schuylkill River, replacement of the existing bridge (MPMS #70197), and a new parallel four (4) lane bridge.
- 4) US 422 Widening for 1.8 miles from PA-363 interchange to the US-202 interchange. This project has not yet been broken out.
- 5) Old Betzwood Bridge Bike/Pedestrian Trail will be re-built as a bike/pedestrian bridge only, and will not re-instate vehicular traffic (MPMS# 16703).
- 6) An early action interim project to provide timely and effective relief to westbound afternoon congestion until the long range projects can fully advance was programmed and constructed as MPMS #74648.

The River Crossing complex projects have received the following Earmarks:
 2008 Appropriation (PA ID# 711) -\$735,000
 SAFETEA-LU (FED ID# 0020/PA ID# 672) -Originally \$20,000,000. Balance available \$3,120,779
 TEA-21 (FED ID# 0140/PA ID# 088) -\$1,019,806

		TIP Program Years (\$ 000)											
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028
CON	CAQ	200				0				0			
		200	0	0	0	0	0	0	0	0	0	0	0
		Total FY2017-2020				Total FY2021-2024				Total FY2025-2028			
		200				0				0			

DVRPC FY 2017-2020 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 16705 *Chester Valley Trail Extension (C036)*

LIMITS South Gulph Road Bridge to Schuylkill River Trail

Est Let Date: 6/21/2018

IMPROVEMENT Bicycle/Pedestrian Improvement

MUNICIPALITIES: Bridgeport Borough; Norristown Borough; Upper Merion Township **FC:**

AQ Code:A2

PLAN CENTER: Metropolitan Subcenter; Town Center

IPD: 6

PROJECT MANAGER: EE/DVRPC/R. Gallagher **CMP:** Not SOV Capacity Adding

CMP Subcorridor(s): 1A, 8D, 9B

PennDOT Class: Transportation Enhancement **PennDOT Improvement:** Transportation Enhancement

NHPP:

This project includes the development of a 3.5 mile extension of the paved trail. It is part of a larger effort to provide a cross-county trail from Chester County through Montgomery to Bucks County. This project is related to the TE funded Chester Valley Trail project that will be constructed from the Montgomery County Line (near King of Prussia) to Downingtown in Chester County. This project is part of the Montgomery County Planning Commission recommended Trail Plan.

The Chester Valley Trail Extension is intended principally for transportation purposes, including trips to work, school, retail, and services. The Extension (MPMS #16705) will link to the Chester Valley Trail (see MPMS #14663 and 14675), connecting residential communities with major employment, school, retail, and service centers in King of Prussia, Bridgeport and Norristown Boroughs as well as major employment, school, retail, and service centers in Great Valley and Exton. The Extension will also unite with the Schuylkill River Trail (SRT) in Norristown and through the SRT, link to trails into and through Philadelphia with eventual connections to the East Coast Greenway to provide an extensive trail network through the DVRPC region.

This project is part of The Circuit. The Circuit is a 750-mile interconnected network of multi-use trails spanning Greater Philadelphia with Philadelphia and Camden as its hub, and is included in DVRPC's Long-Range Transportation Plan. Circuit trails will generally meet minimum design standards (10-feet wide, paved, and separated from traffic) to reflect their intended use as the arteries of a dedicated regional non-motorized transportation system. Circuit trails located near and connecting to downtown Philadelphia are already used heavily for transportation purposes, and the implementation of the network will further encourage the surging growth of bicycle commuting in the region. At 2.3%, Philadelphia has the highest bike-to-work percentage of the 10 largest cities in the country according the 2013 American Community Survey.

TIP Program Years (\$ 000)

Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028
ROW	CAQ	1,385											
ROW	LOC	346											
CON	TOLL												
CON	CAQ			5,074									
CON	CAQ				5,074								
CON	TOLL												
		1,731	0	5,074	5,074	0	0	0	0	0	0	0	0
		Total FY2017-2020		11,879		Total FY2021-2024			0	Total FY2025-2028			0

DVRPC FY 2017-2020 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 16726 WarminsterRd/Pennypack Ck (Bridge)

LIMITS over Pennypack Creek

Est Let Date: 4/11/2019

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Hatboro Borough; Upper Moreland Township

FC: 17

AQ Code:S19

PLAN CENTER:

IPD: 0

PROJECT MANAGER: EE/J. Arena

CMP: Not SOV Capacity Adding

CMP Subcorridor(s): 12A, 14F

PennDOT Class: Bridge Replacement

PennDOT Improvement: Bridge Replacement

NHPP:

This project involves rehabilitating or replacing state bridge over the Pennypack Creek on Warminster Road between Arionne Road and PA 263 in Upper Moreland Township and Hatboro Borough. It is a Structurally Deficient bridge breakout project from MPMS #88706. A final alternative for bridge rehabilitation or replacement is determined upon federal National Environmental Policy Act (NEPA) or state Categorical Exclusion clearance.

TIP Program Years (\$ 000)

Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028
FD	STP*	446											
CON	STP			1,587									
CON	185			396									
CON	STP					340							
CON	185					85							
		446	0	1,983	0	425	0	0	0	0	0	0	0
		Total FY2017-2020		2,429		Total FY2021-2024		425		Total FY2025-2028		0	

DVRPC FY 2017-2020 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 16738 US 422 Expressway Section M1B SR:0422

LIMITS Norfolk Southern RR to Park Rd.

Est Let Date: 10/15/2018

IMPROVEMENT Roadway Rehabilitation

MRPID:2

MUNICIPALITIES: Lower Pottsgrove Township

FC:

AQ Code:S10

PLAN CENTER:

IPD: 2

PROJECT MANAGER: EE/L. Link

CMP: Not SOV Capacity Adding

CMP Subcorridor(s): 9A

PennDOT Class: Highway Reconstruction

PennDOT Improvement: Highway Reconstruction

NHPP: Y

Reconstruct approximately 1.7 miles of expressway (from just west of Porter Road to just east of Park Road) including two (2) bridges carrying SR 0422 over Porter Road and Sanatoga Road and Creek, and two (2) bridges carrying Pleasantview Road and Park Road over SR 0422. Replace and extend one (1) culvert at Sprogels Run, located just east of Porter Road. The expressway will be reconstructed on existing alignment meeting current design standards for horizontal radii, shoulder widths, and vertical clearance.

Also see MPMS #s 14698, 64220, 64222, 84308, and 66986.

TIP Program Years (\$ 000)

Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028
CON	NHPP							9,711					
CON	581							2,427					
CON	NHPP								9,711				
CON	581								2,427				
CON	NHPP									9,711			
CON	185									2,427			
CON	NHPP										9,711		
CON	185										2,427		
CON	NHPP											9,711	
CON	185											2,427	
CON	NHPP												9,711
CON	185												2,427
		0	0	0	0	0	0	12,138	12,138	12,138	12,138	12,138	12,138
		Total FY2017-2020			0	Total FY2021-2024			24,276	Total FY2025-2028			48,552

DVRPC FY 2017-2020 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 16741 Swamp Road at PA 663 SR:0663

LIMITS Swamp Road at PA 663

Est Let Date: 6/15/2019

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: New Hanover Township

FC:

AQ Code:S19

PLAN CENTER:

IPD: 0

PROJECT MANAGER: Gannett/S. New

CMP: Not SOV Capacity Adding

PennDOT Class: Bridge Replacement

PennDOT Improvement: Bridge Replacement

NHPP: Y

This project involves bridge replacement and widening PA 663 to accommodate exclusive left turn lanes on both approaches to Swamp Pike. A final alternative for bridge rehabilitation or replacement is determined upon federal National Environmental Policy Act (NEPA) or state Categorical Exclusion clearance.

TIP Program Years (\$ 000)													
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028
FD	581			752									
ROW	581				232								
UTL	581					239							
CON	NHPP							1,520					
CON	581							380					
		0	0	752	232	239	0	1,900	0	0	0	0	0
		Total FY2017-2020		984		Total FY2021-2024		2,139		Total FY2025-2028		0	

MPMS# 16742 PA 63, Forty Foot Rd. SR:0063

Return

LIMITS Sumneytown Pike to Detwiler Rd.

No Let Date

IMPROVEMENT

MUNICIPALITIES: Towamencin Township

FC:

AQ Code:2020M

PLAN CENTER:

IPD:

PROJECT MANAGER: CONSTR

CMP:

PennDOT Class: Safety Improvement

PennDOT Improvement: Safety Improvement

NHPP: Y

Funds account for Accrued Unbilled Costs

Widen Forty Foot Rd. to four lanes and widen the Sumneytown Pike intersection. Construct a pedestrian bridge.

TIP Program Years (\$ 000)													
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028
ROW	STP	1,200											
ROW	STU	400											
ROW	581	200											
ROW	LOC	200											
		2,000	0	0	0	0	0	0	0	0	0	0	0
		Total FY2017-2020		2,000		Total FY2021-2024		0		Total FY2025-2028		0	

DVRPC FY 2017-2020 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 36878 *Reliance Rd Grade X-ing*

New

LIMITS Between Railroad Ave and N. 2nd St.,

No Let Date

IMPROVEMENT Intersection/Interchange Improvements

MUNICIPALITIES: Souderton Borough

FC:

AQ Code:S8

PLAN CENTER: Town Center

IPD: 3

PROJECT MANAGER: MAL/ M. Lang

CMP:

PennDOT Class:

PennDOT Improvement:

NHPP:

Installation of railroad warning devices

TIP Program Years (\$ 000)

Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
CON	RRX	212												
		212	0	0	0	0	0	0	0	0	0	0	0	
Total FY2017-2020		212			Total FY2021-2024				0		Total FY2025-2028			0

MPMS# 48172 *PA 23 Moore to Allendale and Trout Crk Rd Bridge SR:0023*

LIMITS Moore Rd to Geerdes Blvd

Est Let Date: 10/15/2020

IMPROVEMENT Intersection/Interchange Improvements

MRPID:161

MUNICIPALITIES: Upper Merion Township

FC: 16

AQ Code:2035M

PLAN CENTER: Metropolitan Subcenter

IPD: 2

PROJECT MANAGER: EE/L. Link

CMP: Major SOV Capacity

CMP Subcorridor(s): 9B

PennDOT Class: New Alignment

PennDOT Improvement: New Alignment

NHPP:

Replace structurally deficient, functionally obsolete, weight restricted (30 tons) bridge on a new alignment to eliminate a 90 degree turn on the western end of the bridge and adjacent stop controlled intersection due to sight distance of Mancill Mill Road intersection. New bridge and roadway between Moore Road and Vandenberg Road will be two lanes westbound and one lane eastbound.

TIP Program Years (\$ 000)

Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
FD	STP		817											
ROW	STP			720										
ROW	581			180										
UTL	STP				788									
UTL	581				197									
CON	STP						1,392							
CON	581						348							
CON	STP							5,852						
CON	581							1,463						
CON	STP											4,460		
CON	581											1,115		
		0	817	900	985	0	0	1,740	7,315	0	0	0	5,575	
Total FY2017-2020		2,702			Total FY2021-2024				9,055		Total FY2025-2028			5,575

DVRPC FY 2017-2020 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 48174 PA 63, Welsh Rd. SR:0063

LIMITS at PA 152, Limekiln Pk. & Norristown Rd.

No Let Date

IMPROVEMENT Intersection/Interchange Improvements

MUNICIPALITIES: Horsham Township; Upper Dublin Township

FC: 14; 16

AQ Code:2035M

PLAN CENTER:

IPD: 1

PROJECT MANAGER: TSS/H. Freed

CMP: Minor SOV Capacity

CMP Subcorridor(s): 12A, 12B

PennDOT Class: Highway Restoration

PennDOT Improvement: Highway Restoration

NHPP: Y

The project involves roadway widening and capacity improvements along SR 63 (Welsh Road), SR 2007 (Norristown Road) and SR 152 (Limekiln Pike). Welsh Road and Norristown Road will be widened to a 5 lane section with center left turn lanes. The existing 3 lane section along Limekiln Pike will remain with some additional capacity improvements. The cross section will not provide shoulders. Concrete curbing will be installed. The intersections will be improved to include left turn lanes and some channelized right turn lanes. Some sidewalks are currently located within the project. 4' sidewalks with a 3' grass strip from face of curb are proposed through the project limits. New traffic signal upgrades are proposed for all three project intersections. Signalized intersections will include pushbuttons and hand/man indications.

Signal Replacements will take place at the following intersections: SR 63 (Welsh Road) and SR 2007 (Norristown Road); SR 63 (Welsh Road) and SR 152 (Limekiln Pike); and SR 2007 (Norristown Road) and SR 152 (Limekiln Pike).

Project limits are as follows:

SR 63-1000' south of Norristown Road intersection to 1200' north of Limekiln Pike intersection

SR 2007-850' west of Limekiln Pike intersection to 850' east of Welsh Road intersection

SR 0152-800' south of Norristown Road intersection to 750' north of Welsh Road intersection

SR 63 (Welsh Road)

Existing - 2 -12' lanes (varies) with turn lanes at intersections, 0-4' Rt. Shldr. (varies); 24.0'-44.0' Total Pavement width

Proposed - 3 - 11' lanes, 2-13' lanes adjacent to curb; 24.0'-59.0' Total Pavement width.

SR 2007 (Norristown Road)

Existing - 2 -12' lanes (varies) with turn lanes at intersections, 0-4' Rt. Shldr. (varies); 24.0'-44.0' Total Pavement width

Proposed - 3 - 11' lanes, 2-13' lanes adjacent to curb; 24.0'-59.0' Total Pavement width.

SR 152 (Limekiln Pike)

Existing - 2 -12'-18' lanes (varies) with some turn lanes at intersections, 0-8' Rt. Shldr. (varies); 24.0'-51.0' Total Pavement width

Proposed - 1 - 11' lane, 2-13' lanes (lane widths vary based on existing edge of pavement to remain); 24.0'-55.0' Total Pavement width.

TIP Program Years (\$ 000)

Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028		
ROW	581					1,000									
UTL	STP							104							
UTL	581							26							
CON	STU												1,517		
CON	STP												8,012		
CON	581												2,382		
		0	0	0	0	1,000	0	130	0	0	0	0	11,911		
		Total FY2017-2020				0	Total FY2021-2024				1,130	Total FY2025-2028			11,911

DVRPC FY 2017-2020 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 48175 Ridge Pike, PA Turnpike to Butler Pike SR:0000

LIMITS PA Turnpike to Chemical Road Est Let Date: 2/27/2020
IMPROVEMENT Roadway Rehabilitation MRPID:64
MUNICIPALITIES: Plymouth Township FC: 14 AQ Code:2025M
PLAN CENTER: Suburban Center IPD: 3
PROJECT MANAGER: AECOM/C. Carmichael CMP: Minor SOV Capacity CMP Subcorridor(s): 1A, 9B
PennDOT Class: Bridge Restoration PennDOT Improvement: Bridge Restoration NHPP: Y

Ridge Pike is a Montgomery County owned arterial. This project will reconstruct Ridge Pike to provide a center left turn lane to the existing four lane highway. Work includes pavement and drainage replacement; upgrading existing and adding new traffic signals including traffic signal interconnect, and adding sidewalks. The project extends from the PA Turnpike to Chemical Road. Two new Norfolk Southern Railroad bridges are proposed under a companion project, MPMS 92839, to be let and constructed concurrently with MPMS 48175.

		TIP Program Years (\$ 000)											
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028
CON	NHPP			1,058									
CON	LOC			264									
CON	NHPP				1,058								
CON	LOC				264								
CON	NHPP					3,555							
CON	LOC					888							
CON	NHPP						4,800						
CON	LOC						1,249						
		0	0	1,322	1,322	4,443	6,049	0	0	0	0	0	0
Total FY2017-2020				2,644		Total FY2021-2024		10,492		Total FY2025-2028		0	

MPMS# 48186 Pottstown Area Signal System Upgrade SR:4031

Return

LIMITS Montgomery and Chester Counties Actl Let Date: 9/29/2016
IMPROVEMENT Signal/ITS Improvements
MUNICIPALITIES: North Coventry Township; Pottstown Borough FC: 14 AQ Code:2020M
PLAN CENTER: IPD: 4
PROJECT MANAGER: AECOM/E. Reagle CMP: Minor SOV Capacity CMP Subcorridor(s): 9A
PennDOT Class: Safety Improvement PennDOT Improvement: Safety Improvement NHPP: Y

Upgrading traffic signal controllers, initiating a closed loop traffic signal system, and upgrading the signal heads and preemption for 45 signalized intersections and other miscellaneous construction items.

		TIP Program Years (\$ 000)											
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028
FD	CAQ	800											
FD	CAQ		350										
CON	CAQ	252											
		1,052	350	0	0	0	0	0	0	0	0	0	0
Total FY2017-2020				1,402		Total FY2021-2024		0		Total FY2025-2028		0	

DVRPC FY 2017-2020 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 48187 Henderson/Gulph Road Widen near I-76 Ramps SR:3029

LIMITS Shoemaker; S Gulph: Crooked Lane to Gulph Mills Intersection

Est Let Date: 1/7/2021

IMPROVEMENT Roadway New Capacity

MRPID:54

MUNICIPALITIES: Upper Merion Township

FC: 14

AQ Code:2035M

PLAN CENTER:

IPD: 0

PROJECT MANAGER: EE/L. Link

CMP: Major SOV Capacity

CMP Subcorridor(s): 1A, 9B

PennDOT Class: Additional Lanes

PennDOT Improvement: Additional Lanes

NHPP: Y

This project includes construction for widening along South Henderson Road from South Gulph Road to Shoemaker Road as well as widening along South Gulph Road between Crooked Lane to the I-76 Gulph Mills intersection.

This is Phase II of the project. See MPMS# 68064 for Phase I.

Project CMP (Congestion Management Process) commitments include ITS treatments, new and expanded park-and-ride facilities, and improvements for bicyclists, pedestrians, and transit users. See DVRPC's 2010 memorandum on supplemental strategies for details related to this project.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
FD	581						1,037							
FD	581							10,645						
ROW	NHPP							405						
ROW	581							101						
UTL	NHPP								626					
UTL	581								157					
CON	581									6,383				
CON	581										6,383			
		0	0	0	0	0	1,037	11,151	783	6,383	6,383	0	0	
		Total FY2017-2020				0	Total FY2021-2024			12,971	Total FY2025-2028			12,766

DVRPC FY 2017-2020 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 50364 US 202, DeKalb Pike, Section 610 (Design Only) SR:0202

Return

LIMITS Johnson Highway to Morris Road

No Let Date

IMPROVEMENT Roadway New Capacity

MRPID:56

MUNICIPALITIES: East Norriton Township; Norristown Borough; Whitpain Township FC: 14

AQ Code:2030M

PLAN CENTER:

IPD:

PROJECT MANAGER: TSS/M. Fausto

CMP: Major SOV Capacity

CMP Subcorridor(s): 2A, 8F, 9B

PennDOT Class: Highway Reconstruction

PennDOT Improvement: Highway Reconstruction

NHPP: Y

This Section 600 of US 202 project is currently in final design, and contains design phase only. Improvements include widening US 202 from two to four or five lanes and intersection improvements at major intersections. The limits of Section 600 are from Johnson Highway to PA 309. See MPMS #'s 63491, 63486, and 63490 for construction sections.

In the DVRPC region, US 202 covers 61 miles, traversing 27 municipalities in Delaware, Chester, Montgomery, and Bucks counties. For planning purposes, US 202 has been divided into seven major sections (100 through 700), and some of those sections have been broken down further to simplify construction management.

CMP commitments include transit improvements, as well as pedestrian and bicycle improvements. See DVRPC's CMP 2008 Supplemental Project Status Memorandum for details.

		TIP Program Years (\$ 000)											
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028
FD	SXF	850											
FD	STU		1,208										
FD	SXF		1,196										
FD	581		2,848										
FD	STP			4,000									
FD	581			1,000									
FD	STU				782								
FD	581				196								
		850	5,252	5,000	978	0	0	0	0	0	0	0	0
		Total FY2017-2020		12,080		Total FY2021-2024				0			
						Total FY2025-2028				0			

DVRPC FY 2017-2020 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 50646 PA 63 Bridges (3) Over Unami Creek and East Branch of Perkiomen SR:0063

LIMITS Over Unami Creek and East Branch of Perkiomen

Est Let Date: 12/7/2017

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Marlborough Township; Upper Salford Township

FC: 14

AQ Code:S19

PLAN CENTER:

IPD: 1

PROJECT MANAGER: HNTB/G. Gumas

CMP: Not SOV Capacity Adding

PennDOT Class: Bridge Restoration

PennDOT Improvement: Bridge Restoration

NHPP: Y

This project involves the rehabilitating or replacing three bridges on Route 63 Between PA 113 and PA 29, over the Unami Creek and the East Branch of the Perkiomen Creek.

A final alternative for bridge rehabilitation or replacement is determined upon federal National Environmental Policy Act (NEPA) or state Categorical Exclusion clearance.

TIP Program Years (\$ 000)

Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028		
CON	STP	3,253													
CON	581	813													
CON	STP		3,253												
CON	581		813												
CON	STU			3,253											
CON	581			813											
		4,066	4,066	4,066	0	0	0	0	0	0	0	0	0		
		Total FY2017-2020			12,198	Total FY2021-2024				0	Total FY2025-2028				0

MPMS# 51095 I-76 Schuylkill Expressway Corridor ITS

Return

LIMITS

No Let Date

IMPROVEMENT

MUNICIPALITIES: Various

FC:

AQ Code:X

PLAN CENTER:

IPD:

PROJECT MANAGER: Gannett/VAG

CMP:

PennDOT Class: Intelligent Transportation System PennDOT Improvement: Intelligent Transportation System

NHPP:

This project will fund analysis and planning efforts by a system integrator to support the District 6 Regional Traffic Management Center (RTMC) activities, and the regional ITS and traffic management elements deployed and proposed along expressway and arterial corridors. This will involve planning phases with deployment as a separate effort. The system integrator will support defining any potential implementation and operational strategies, and assist in developing a comprehensive strategic deployment plan (including estimate costs) along the corridors. Tasks will include ITS design review (prepared by others), video and data sharing support, ITS reporting and equipment management, ITS maintenance coordination support, communications and fiber management system support, and other similar activities.

TIP Program Years (\$ 000)

Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028		
PE	CAQ	736													
PE	581	184													
		920	0	0	0	0	0	0	0	0	0	0	0		
		Total FY2017-2020			920	Total FY2021-2024				0	Total FY2025-2028				0

DVRPC FY 2017-2020 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 57849 PA 29, Main Street Bridge Over Reading Railroad Tracks (Removal) SR:0029

LIMITS Over abandoned Reading Railroad Tracks

Est Let Date: 8/23/2018

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Pennsburg Borough

FC: 14

AQ Code:S2

PLAN CENTER: Rural Center

IPD: 1

PROJECT MANAGER: Plans/C. Veiga

CMP: Not SOV Capacity Adding

CMP Subcorridor(s): 14G

PennDOT Class: Bridge Replacement

PennDOT Improvement: Bridge Replacement

NHPP: Y

Narrow and unnecessary bridge constrains traffic and restricts sight distance on Route 29. Bridge would be removed and overpass filled and connected with wider road section. This is a bridge bill project. A final alternative for bridge rehabilitation or replacement is determined upon federal National Environmental Policy Act (NEPA) or state Categorical Exclusion clearance.

TIP Program Years (\$ 000)

Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028
FD	STU	530											
ROW	STP	111											
UTL	581		93										
CON	581		3,278										
		641	3,371	0	0	0	0	0	0	0	0	0	0
		Total FY2017-2020		4,012		Total FY2021-2024				0			
						Total FY2025-2028				0			

DVRPC FY 2017-2020 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 57851 *Plank Road/Otts Road/Meyers Road/Seitz Road Intersection Improvements SR:4044*

LIMITS PA 73 to Township Line Road

Actl Let Date: 6/9/2016

IMPROVEMENT Intersection/Interchange Improvements

MUNICIPALITIES: Perkiomen Township; Skippack Township

FC: 14; 16

AQ Code:2020M

PLAN CENTER:

IPD: 0

PROJECT MANAGER: AECOM/C. Carmichael

CMP: Minor SOV Capacity

PennDOT Class: Congestion Reduction

PennDOT Improvement: Congestion Reduction

NHPP: Y

Corridor/intersection improvements; realign off-set intersection:

- 1) Realignment of Meyers and Seitz Roads at SR 4014 - Currently, Meyers Road terminates at Seitz Road approximately 250 feet south of the intersection with SR 4014. Seitz and Meyers Roads will be realigned to best serve the predominant traffic movements between Meyers Road and SR 4014. The Seitz Road intersection with SR 4014 is currently two-way stop controlled. A new signal will be installed at the intersection of SR 4014 and Meyers Road as part of the proposed work. Seitz Road will then terminate at Meyers with a one-way stop controlled tee intersection.
- 2) Horizontal Realignment of Meyers and Otts Roads at the Miller/Bauman Roads intersection - Two horizontal curves in this area do not meet current geometric design criteria for 40 MPH Design Speed. Proposed realignment will meet current design criteria.
- 3) Vertical and Horizontal Realignment of Otts Road: A series of vertical curves east of the Miller/Bauman Road intersection do not meet current geometric design criteria for 40 MPH Design Speed. Topographic constraints require realignment to fit with the area topography, drainage ways, and existing residential driveways.
- 4) Otts Road Approach to the Intersection with SRs 4044 and 0029 - The Otts Road and SR 4044 approaches to SR 0029 are offset by approximately 100 feet. Both tee intersections are one-way stop controlled. As part of this project, Otts Road will be relocated to align opposite SR 4044 which will be widened to accommodate a left turn lane and the new four-way intersection will be signalized.
- 5) Plank Road Approach to the Intersection with SR 0073- Currently Plank Rd (SR 4044) ends at Skippack Pike (SR 0073) as a tee intersection. Plank Rd and SR 0073 will be widened but will not be realigned. A new signal will replace the existing one proposed for this intersection and a left turn lane will be added both to Plank Rd (SR 4044) and Skippack Pike (SR 0073). A flat area will be added along the westbound direction of Plank Road for a future sidewalk.

SAFETEA DEMO #2629, PA ID# 461 - \$800,000

TIP Program Years (\$ 000)

Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
UTL	TOLL													
UTL	CAQ		460											
CON	CAQ*	6,250												
		6,250	460	0	0	0	0	0	0	0	0	0	0	
		Total FY2017-2020			6,710	Total FY2021-2024				0	Total FY2025-2028			0

DVRPC FY 2017-2020 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 57865 Edge Hill Road Reconstruction SR:2034

LIMITS Easton Road to Jenkintown Road

Est Let Date: 6/21/2018

IMPROVEMENT Roadway Rehabilitation

MUNICIPALITIES: Abington Township

FC: 17

AQ Code:S19

PLAN CENTER: Town Center

IPD: 1

PROJECT MANAGER: HNTB/N. Velaga

CMP: Not SOV Capacity Adding

CMP Subcorridor(s): 14E

PennDOT Class: Highway Restoration

PennDOT Improvement: Highway Restoration

NHPP:

The purpose of this project is to provide for the safe movement of vehicles and pedestrians on Edge Hill Road and Tyson Avenue between Easton Road and Jenkintown Road. The existing roadway consists of 11' lanes and intermittent shoulders used for parking. The proposed roadway will consist of 11' lanes and 2' minimum shoulders. Parking areas will be provided where feasible. Sidewalk will be constructed where feasible (currently there are no sidewalks). The roadway will be milled and resurfaced where feasible.

TIP Program Years (\$ 000)

Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028
FD	STU	800											
FD	LOC	200											
ROW	STU	1,360											
ROW	LOC	340											
UTL	STP	424											
UTL	581	106											
CON	STP				1,037								
CON	581				259								
CON	STU					4,637							
CON	581					1,159							
CON	STP						8,237						
CON	581						2,059						
		3,230	0	0	1,296	5,796	10,296	0	0	0	0	0	0
		Total FY2017-2020		4,526		Total FY2021-2024		16,092		Total FY2025-2028			0

DVRPC FY 2017-2020 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 59522 **I-476, PA Turnpike Northeast Extension/PA 309 Corridor Incident Traffic Management SR:9101** **Return**

LIMITS At I-476 and PA 309 **No Let Date**

IMPROVEMENT Signal/ITS Improvements

MUNICIPALITIES: Various **FC:** 14 **AQ Code:**S7

PLAN CENTER: **IPD:** 1

PROJECT MANAGER: George Dunheimer ADE CONSTR **CMP:** Minor SOV Capacity **CMP Subcorridor(s):** 2A, 11A, 14C

PennDOT Class: Intelligent Transportation System **PennDOT Improvement:** Intelligent Transportation System **NHPP:** Y

This project will implement a Unified Traffic Management and Signal Coordination Plan within the Pennsylvania Turnpike Northeast Extension (I-476)/PA 309 Corridor to handle both routine traffic conditions and diversions from the Turnpike. Video cameras, variable message signs, interconnected signal systems and trail blazer signage are components of the system. Work undertaken as part of the DVRPC FY06 Work Program provided signal inventories, cost estimates to make equipment consistent, identification of closed loop subsystems and priorities within the corridor, requirements for linking the system to PennDOT's Traffic Control Center, and a trail blazer signage plan.

MPMS# 71643 includes the utility work for the ITS components of this project and MPMS #48185 - ITS for I-76 Schuylkill Expressway.

This project is integral to the Delaware Valley Freight Corridors Initiative.

SAFETEA LU DEMO #878, PA ID #361 - \$3.2 MILLION

		TIP Program Years (\$ 000)												
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
UTL	TOLL													
UTL	CAQ	850												
CON	TOLL													
CON	CAQ		250											
		850	250	0	0	0	0	0	0	0	0	0	0	
		Total FY2017-2020			1,100	Total FY2021-2024				0	Total FY2025-2028			0

DVRPC FY 2017-2020 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 63486 **US 202, Johnson Highway to Township Line Road (61S) SR:0202**

LIMITS Johnson Highway to Township Line Road

Est Let Date: 2/28/2019

IMPROVEMENT Roadway New Capacity

MRPID:56

MUNICIPALITIES: East Norriton Township; Norristown Borough; Whitpain Township

FC: 14

AQ Code:2035M

PLAN CENTER:

IPD: 3

PROJECT MANAGER: TSS/M. Fausto

CMP: Major SOV Capacity

CMP Subcorridor(s): 8F, 9B

PennDOT Class: Additional Lanes

PennDOT Improvement: Additional Lanes

NHPP: Y

This project provides for the widening of US 202 for approximately 1.8 miles from two lanes to five lanes including a center turn lane in this section of US 202 between Johnson Highway and Township Line Road in Norristown Borough, East Norriton & Whitpain Twps. One bridge and one culvert will be replaced in this portion of Section 600. Traffic signal equipment will be replaced at the intersections with Johnson Highway, Germantown Pike and Township Line Road. This section is designed under Section 610. ITS elements are included in this project. MPMS #50364 (US 202 Sec 610) contains the final design funding for this project. See MPMS #'s 63491, 63486, and 63490 for construction sections.

In the DVRPC region, US 202 covers 61 miles, traversing 27 municipalities in Delaware, Chester, Montgomery, and Bucks counties. For planning purposes, US 202 has been divided into seven major sections (100 through 700), and some of those sections have been broken down further to simplify construction management.

Project CMP (Congestion Management Process) commitments include strategies such as improvements for transit users, bicyclists, pedestrians, and drivers on the existing road network (operations). See DVRPC's 2007 annual memoranda on supplemental strategies for details related to this project.

TIP Program Years (\$ 000)

Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028
ROW	NHPP				1,855								
ROW	581				464								
UTL	581					3,343							
CON	NHPP							11,147					
CON	581							2,786					
CON	NHPP								11,147				
CON	581								2,786				
CON	NHPP									11,147			
CON	581									2,786			
CON	NHPP										11,147		
CON	581										2,786		
		0	0	0	2,319	3,343	0	13,933	13,933	13,933	13,933	0	0
		Total FY2017-2020		2,319		Total FY2021-2024		31,209		Total FY2025-2028		27,866	

DVRPC FY 2017-2020 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 63490 **US 202, Township Line Road to Morris Road (61N) SR:0202**

LIMITS Township Line Road to Morris Road

Est Let Date: 4/26/2018

IMPROVEMENT Roadway New Capacity

MRPID:56

MUNICIPALITIES: Whitpain Township

FC: 14; 16

AQ Code:2025M

PLAN CENTER:

IPD: 3

PROJECT MANAGER: TSS/M. Fausto

CMP: Major SOV Capacity

CMP Subcorridor(s): 2A, 8F

PennDOT Class: Additional Lanes

PennDOT Improvement: Additional Lanes

NHPP: Y

This project provides for the widening of US 202 for approximately 2.3 miles from two lanes to five lanes including a center turn lane in this section of US 202 between Township Line Road and Morris Road In East Norriton & Whitpain Twps. Intersections along the project will be improved by adding lanes where necessary on both the mainline and side roads to provide adequate intersection capacities. New traffic signals will be installed. A coordinated ITS and traffic signal operating system will be integrated into the project. Improvement will also take place at two offline intersections, North Wales Rd./Township Line Rd. and Arch Rd./Township Line Rd. to improve traffic flow through the area during construction. This section is designed under Section 610. MPMS #50364 (US 202 Sec 610) contains the final design funding for this project. See MPMS #'s 63491, 63486, and 63490 for construction sections.

In the DVRPC region, US 202 covers 61 miles, traversing 27 municipalities in Delaware, Chester, Montgomery, and Bucks counties. For planning purposes, US 202 has been divided into seven major sections (100 through 700), and some of those sections have been broken down further to simplify construction management.

Project CMP (Congestion Management Process) commitments include strategies such as improvements for transit users, bicyclists, pedestrians, and drivers on the existing road network (operations). See DVRPC's 2007 annual memoranda on supplemental strategies for details related to this project.

TOLL CREDIT

TIP Program Years (\$ 000)

Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028
ROW	NHPP	2,971											
ROW	581	743											
UTL	NHPP		3,060										
UTL	581		765										
UTL	NHPP			5,000									
UTL	581			1,250									
UTL	NHPP				2,719								
UTL	581				680								
CON	NHPP		1,600										
CON	581		400										
CON	STU			5,579									
CON	STP			2,368									
CON	NHPP			53									
CON	581			2,000									
CON	NHPP				12,653								
CON	581				3,163								
CON	STU					25,959							
CON	581					6,489							
		3,714	5,825	16,250	19,215	32,448	0	0	0	0	0	0	0
		Total FY2017-2020		45,004		Total FY2021-2024		32,448		Total FY2025-2028		0	

DVRPC FY 2017-2020 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 63491 US 202, Morris Road to Swedesford Road (65S) SR:0202

LIMITS Morris Road to Swedesford Road

Est Let Date: 1/15/2019

IMPROVEMENT Roadway New Capacity

MRPID:56

MUNICIPALITIES: Lower Gwynedd Township; Upper Gwynedd Township; Whitpain Tow FC: 14

AQ Code:2035M

PLAN CENTER: Suburban Center

IPD: 1

PROJECT MANAGER: TSS/M. Fausto

CMP: Major SOV Capacity

CMP Subcorridor(s): 8F, 12B, 14C

PennDOT Class: Additional Lanes

PennDOT Improvement: Additional Lanes

NHPP: Y

This project provides for the widening of US 202 from 2 lanes to 5 lanes in this 2.6 mile section. Add a center turn lane where required and a new bridge over the Wissahickon Creek with a wider single-span structure and equestrian path beneath the roadway. The project includes intersection improvements at Morris Rd., Sumneytown Pk., and Swedesford Rd. A coordinated ITS and traffic signal operating system will be integrated into the project. This section is designed under section 650. Section 600 was designed in two sections (Section 610 and 650) and will be built in four sections: Johnson Highway to Township Line Road; Township Line Road to Morris Road; Morris Rd. to Swedesford; Swedesford Road to PA 309. See MPMS #16755 for the design section. See MPMS #'s 63491, 63486, and 63490 for construction sections.

In the DVRPC region, US 202 covers 61 miles, traversing 27 municipalities in Delaware, Chester, Montgomery, and Bucks counties. For planning purposes, US 202 has been divided into seven major sections (100 through 700), and some of those sections have been broken down further to simplify construction management.

Project CMP (Congestion Management Process) commitments include strategies such as improvements for transit users, bicyclists, pedestrians, and drivers on the existing road network (operations). See DVRPC's 2007 annual memoranda on supplemental strategies for details related to this project.

TOLL CREDIT

		TIP Program Years (\$ 000)											
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028
ROW	NHPP	2,546											
ROW	581	637											
UTL	NHPP					2,197							
UTL	581					549							
CON	NHPP						12,101						
CON	581						3,025						
CON	NHPP							12,101					
CON	581							3,025					
CON	NHPP								12,101				
CON	581								3,025				
CON	STU									12,101			
CON	581									3,025			
CON	NHPP										12,101		
CON	581										3,025		
		3,183	0	0	0	2,746	15,126	15,126	15,126	15,126	15,126	0	0
		Total FY2017-2020			3,183	Total FY2021-2024			48,124	Total FY2025-2028			30,252

DVRPC FY 2017-2020 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 63493 PA 309, 5-Points Intersection Improvements (71A) (Old US 202, 5-Points Intersection Improvements (71A)) SR:0202

LIMITS At Old US 202/PA 309/PA 463

Est Let Date: 10/19/2017

IMPROVEMENT Intersection/Interchange Improvements

MUNICIPALITIES: Montgomery Township

FC: 14; 16

AQ Code:2025M

PLAN CENTER: Suburban Center

IPD: 2

PROJECT MANAGER: TSS/M. Fausto

CMP: Minor SOV Capacity

CMP Subcorridor(s): 8G, 12B, 14C

PennDOT Class: Congestion Reduction

PennDOT Improvement: Congestion Reduction

NHPP: Y

This project involves modifications to the intersection of SR 0309 (Bethlehem Pike) with SR 0463 (Horsham/Cowpath Road) and SR 2202 (Doylestown Road) in Montgomery Township, Montgomery County, Pennsylvania. Improvements to the intersection, commonly referred to as the "5 Points Intersection", will include the installation of additional thru lanes and minor widening on several legs, as well as the retiming of the existing traffic signal. Other improvements will include modifications to the existing drainage system, replacing the existing traffic signal support structures, adjusting several existing driveways to accommodate additional lanes, and upgrading the signing and pavement marking. Work along SR 0309 will extend approximately 430 m. (1411 ft.) north of the intersection and approximately 320 m. (1050 ft.) south of the intersection; along SR 0463 will extend approximately 460 m. (1508 ft.) east of the intersection and 245 m. (804 ft.) west of the intersection; along SR 2202 will extend approximately 80 m. (262 ft.) north of the intersection. Both signal support structures will be replaced.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
UTL	581	2,122												
CON	581		5,070											
CON	581			2,032										
		2,122	5,070	2,032	0	0	0	0	0	0	0	0	0	
		Total FY2017-2020			9,224	Total FY2021-2024				0	Total FY2025-2028			0

DVRPC FY 2017-2020 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 64795 Belmont Rd/Rock Hill Rd Widening: I-76 Ramps to Rock Hill Road SR:3045

LIMITS I-76 to Rock Hill Road

Est Let Date: 12/15/2019

IMPROVEMENT Roadway New Capacity

MRPID:120

MUNICIPALITIES: Lower Merion Township

FC: 16

AQ Code:2035M

PLAN CENTER:

IPD: 1

PROJECT MANAGER: Gannett/S. New

CMP: Major SOV Capacity

CMP Subcorridor(s): 3B, 7B

PennDOT Class: Additional Lanes

PennDOT Improvement: Additional Lanes

NHPP:

Widen Belmont Avenue to provide additional lanes, intersection improvements and streetscape improvements; replace railroad overpass from from I-76 to Rock Hill Road. This project will also include improvements at the adjacent intersection of Conshohocken State Road and Rock Hill Road.

Project CMP (Congestion Management Process) commitments include signal upgrades, safety treatments, improvements for bicyclists and pedestrians, and turning movement enhancements. See DVRPC's 2009 memorandum on supplemental strategies for details related to this project.

TIP Program Years (\$ 000)

Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028
FD	LOC	2,300											
ROW	581		3,876										
ROW	LOC		969										
UTL	LOC		500										
CON	STU							7,712					
CON	581							1,927					
CON	STP								6,473				
CON	581								1,618				
CON	STU									3,867			
CON	581									1,986			
CON	STU										3,867		
CON	581										1,986		
		2,300	5,345	0	0	0	0	9,639	8,091	5,853	5,853	0	0
		Total FY2017-2020		7,645		Total FY2021-2024			17,730	Total FY2025-2028			11,706

DVRPC FY 2017-2020 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 64796 **US 422/PA 363 Interchange Reconstruction (4TR) - Part 2 of River Crossing Complex SR:0422** **Return**
LIMITS At US 422 and PA 363 No Let Date
IMPROVEMENT Roadway New Capacity MRPID:95
MUNICIPALITIES: Lower Providence Township; West Norriton Township **FC:** 12; 14; 16; 17 AQ Code:2025M
PLAN CENTER: IPD: 0
PROJECT MANAGER: **CMP:** Major SOV Capacity CMP Subcorridor(s): 1A, 9B
PennDOT Class: Highway Reconstruction **PennDOT Improvement:** Highway Reconstruction **NHPP:** Y

Located in West Norriton and Lower Providence Townships, this project will provide a full-movement interchange at US 422/PA 363. This includes a US 422 eastbound off-ramp to PA 363, a US 422 westbound on-ramp from PA 363, and modifications to the existing ramps as necessary. This project also includes improvements to the Trooper Road (PA 363)/Audubon Road intersection.

This project is part (2) of the "River Crossing Complex," which is a complex area of roadways, interchanges, intersections, and bridges in and around the Valley Forge National Historic Park. Environmental clearance for various components was undertaken through MPMS #46954, and individual projects have been broken out as follows:

- 1) PA 23/US 422 Interchange and North Gulph Road Improvements (MPMS #66952).
- 2) US 422/PA 363 Interchange, including providing movements to/from the west (MPMS #64796) along with the Adams Ave west-bound off ramp. Provide west-bound on-ramp from PA 363 Trooper Road and west-bound off-ramp to Adams Avenue.
- 3) US 422 Exwy Bridge over the Schuylkill River, replacement of the existing bridge (MPMS #70197), and a new parallel four (4) lane bridge.
- 4) US 422 Widening for 1.8 miles from PA-363 interchange to the US-202 interchange. This project has not yet been broken out.
- 5) Old Betzwood Bridge Bike/Pedestrian Trail will be re-built as a bike/pedestrian bridge only, and will not re-instate vehicular traffic (MPMS# 16703).
- 6) An early action interim project to provide timely and effective relief to westbound afternoon congestion until the long range projects can fully advance was programmed and constructed as MPMS #74648.

The River Crossing complex projects have received the following Earmarks:

- 2008 Appropriation (PA ID# 711) -\$735,000
- SAFETEA-LU (FED ID# 0020/PA ID# 672) -Originally \$20,000,000. Balance available \$3,120,779
- TEA-21 (FED ID# 0140/PA ID# 088) -\$1,019,806

Project CMP (Congestion Management Process) commitments include strategies such as improvements for transit users, bicyclists, pedestrians, and drivers on the existing road network (operations). See DVRPC's 2010 and 2011 annual memoranda on supplemental strategies for details related to this project.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
CON	TOLL													
CON	STU	500												
		500	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2017-2020			500	Total FY2021-2024				0	Total FY2025-2028			0

DVRPC FY 2017-2020 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 64798 North Narberth Avenue Bridge Over Amtrak/SEPTA (CB) SR:7412

LIMITS Over Amtrak/SEPTA

Est Let Date: 9/15/2019

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Narberth Borough

FC:

AQ Code:S19

PLAN CENTER: Town Center

IPD: 1

PROJECT MANAGER: TSS/GANNETT/S. New

CMP: Not SOV Capacity Adding

CMP Subcorridor(s): 7B

PennDOT Class: Bridge Replacement

PennDOT Improvement: Bridge Replacement

NHPP:

This project involves rehabilitating or replacing a borough owned, through girder type bridge. The bridge currently has one sidewalk. This project is subject to standard PENNDOT design procedures as defined in the Bicycle/Pedestrian Facilities checklist. The bicycle and pedestrian checklists will be incorporated into the project. A final alternative for bridge rehabilitation or replacement is determined upon federal National Environmental Policy Act (NEPA) or state Categorical Exclusion clearance.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
PE	BOF*	449												
UTL	BOF				2,040									
UTL	183				383									
UTL	LOC				128									
CON	BOF					5,731								
CON	183					1,075								
CON	LOC					358								
		449	0	0	2,551	7,164	0	0	0	0	0	0	0	
		Total FY2017-2020			3,000	Total FY2021-2024				7,164	Total FY2025-2028			0

DVRPC FY 2017-2020 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 66952 PA 23/Valley Forge Road and North Gulph Road Relocation (2NG) SR:0422

LIMITS US 422 to North Gulph Road

Est Let Date: 10/18/2018

IMPROVEMENT Intersection/Interchange Improvements

MRPID:96

MUNICIPALITIES: Upper Merion Township

FC: 16

AQ Code:R3

PLAN CENTER: Metropolitan Subcenter

IPD: 2

PROJECT MANAGER: EE/M. Holva

CMP: Minor SOV Capacity

CMP Subcorridor(s): 1A, 9B

PennDOT Class: Highway Reconstruction

PennDOT Improvement: Highway Reconstruction

NHPP: N

This project will relocate PA 23 and North Gulph Road in the vicinity of the PA 23/US 422 interchange. This project includes relocating PA 23 and N. Gulph Road to improve operations and reduce traffic impacts within Valley Forge National Historic Park with full mitigation buffer zone. In addition, relocation improvements will be made to North Gulph Road in order to provide the opportunity for a new "gateway" for the Valley Forge National Historic Park. The roadway will be moved approximately 300 feet to the east of the park entrance.

This project is part (1) of the "River Crossing Complex," which is a complex area of roadways, interchanges, intersections, and bridges in and around the Valley Forge National Historic Park. Environmental clearance for various components was undertaken through MPMS #46954, and individual projects have been broken out as follows:

- 1) PA 23/US 422 Interchange and North Gulph Road Improvements (MPMS #66952).
- 2) US 422/PA 363 Interchange, including providing movements to/from the west (MPMS #64796).
- 3) US 422 Exwy Bridge over the Schuylkill River, replacement of the existing bridge (MPMS #70197), and a new parallel four (4) lane bridge and relocation of PA 23 eastbound off-ramp as an expressway fly-over.
- 4) US 422 Widening for 1.8 miles from PA-363 interchange to the US-202 interchange. This project has not yet been broken out.
- 5) Old Betzwood Bridge Bike/Pedestrian Trail will be re-built as a bike/pedestrian bridge only, and will not re-instate vehicular traffic (MPMS# 16703).
- 6) An early action interim project to provide timely and effective relief to westbound afternoon congestion until the long range projects can fully advance was programmed and constructed as MPMS #74648.

The River Crossing complex projects have received the following Earmarks:

2008 Appropriation (PA ID# 711) -\$735,000

SAFETEA-LU (FED ID# 0020/PA ID# 672) -Originally \$20,000,000. Balance available \$6,864,799

TEA-21 (FED ID# 0140/PA ID# 088) -No funds remain.

TIP Program Years (\$ 000)

Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028
FD	STP		500										
FD	581		100										
ROW	581	100											
UTL	STP												
UTL	581												
UTL	STP			546									
UTL	TOLL												
UTL	STU			1,548									
CON	TOLL												
CON	SXF			3,800									
CON	TOLL												
CON	SXF				3,799								
CON	TOLL												
CON	STP					4,061							
		100	600	5,894	3,799	4,061	0	0	0	0	0	0	0
		Total FY2017-2020		10,393		Total FY2021-2024		4,061		Total FY2025-2028		0	

DVRPC FY 2017-2020 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 70197 US 422, (New) Expressway Bridge Over Schuylkill River (SRB) SR:0422

LIMITS Over Schuylkill River

Actl Let Date: 11/5/2015

IMPROVEMENT Roadway New Capacity

MRPID:96

MUNICIPALITIES: Upper Merion Township; West Norriton Township

FC: 12; 16

AQ Code:2025M

PLAN CENTER:

IPD: 2

PROJECT MANAGER: EE/M. Holva

CMP: Major SOV Capacity

CMP Subcorridor(s): 9B

PennDOT Class: Bridge Restoration

PennDOT Improvement: Bridge Restoration

NHPP: Y

This project will replace the US 422 Schuylkill River Crossing. This project provides for the construction of a new US 422 bridge structure over the Schuylkill River for westbound traffic, replacement of the existing US 422 structure over the Schuylkill River (sufficiency rating 44.1) for eastbound traffic; replacement of the US 422 structure over Indian Lane (sufficiency rating 69.1); replacement of the US 422 structure over the Schuylkill River Trail (sufficiency rating 62.5); replacement of the PA 23 structure over US 422 (sufficiency rating 24.8), and construction of a new flyover ramp from US 422 eastbound to PA 23. (See MPMS #16703 for the Old Betzwood Bridge.)

This project is part (3) of the "River Crossing Complex," which is a complex area of roadways, interchanges, intersections, and bridges in and around the Valley Forge National Historic Park. Environmental clearance for various components was undertaken through MPMS #46954, and individual projects have been broken out as follows:

- 1) PA 23/US 422 Interchange and North Gulph Road Improvements (MPMS #66952).
- 2) US 422/PA 363 Interchange, including providing movements to/from the west (MPMS #64796).
- 3) US 422 Exwy Bridge over the Schuylkill River, replacement of the existing bridge (MPMS #70197), and a new parallel four (4) lane bridge and relocation of PA 23 eastbound off-ramp as an expressway fly-over.
- 4) US 422 Widening for 1.8 miles from PA-363 interchange to the US-202 interchange. This project has not yet been broken out.
- 5) Old Betzwood Bridge Bike/Pedestrian Trail will be re-built as a bike/pedestrian bridge only, and will not re-instate vehicular traffic (MPMS# 16703).
- 6) An early action interim project to provide timely and effective relief to westbound afternoon congestion until the long range projects can fully advance was programmed and constructed as MPMS #74648.

The River Crossing complex projects have received the following Earmarks:

2008 Appropriation (PA ID# 711) -\$735,000

SAFETEA-LU (FED ID# 0020/PA ID# 672) -Originally \$20,000,000. Balance available \$3,120,779

TEA-21 (FED ID# 0140/PA ID# 088) -\$1,019,806

- 6) An early action interim project to provide timely and effective relief to westbound afternoon congestion until the long range projects can fully advance was programmed and constructed as MPMS #74648.

A final alternative for bridge rehabilitation or replacement is determined upon federal National Environmental Policy Act (NEPA) or state Categorical Exclusion clearance.

Project CMP (Congestion Management Process) commitments include strategies such as improvements for transit users, bicyclists, pedestrians, and drivers on the existing road network (operations). See DVRPC's 2010 and 2011 annual memoranda on supplemental strategies for details related to this project.

TIP Program Years (\$ 000)

Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
CON	STU*	4,730												
CON	SXF	14,006												
CON	NHPP*	9,627												
CON	SXF		355											
CON	NHPP*			6,782										
		28,363	355	6,782	0	0	0	0	0	0	0	0	0	
		Total FY2017-2020			35,500	Total FY2021-2024				0	Total FY2025-2028			0

DVRPC FY 2017-2020 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 71643 *Montgomery ITS Phase 2 - Utility Work*

Return

LIMITS I-76, PA 309, I-476

No Let Date

IMPROVEMENT

MUNICIPALITIES: Various

FC:

AQ Code:X

PLAN CENTER:

IPD:

PROJECT MANAGER: AECOM/ER

CMP:

PennDOT Class: Air Quality

PennDOT Improvement: Air Quality

NHPP:

Project includes the utility work for ITS components of I-76, PA 309, and I-476 ITS projects.

This project was broken out from MPMS #48185 (Intelligent Transportation System (ITS) for I-76 Schuylkill Expressway) and MPMS #59522 (Pennsylvania Turnpike Northeast Extension (I-476)/PA 309 Corridor Incident Traffic Mgt), which are programmed only for ITS construction work.

This project is programmed with a \$1 Million 2004 Appropriations Earmark (PA ID# 261)

TIP Program Years (\$ 000)

Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
UTL	SXF	31												
		31	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2017-2020			31	Total FY2021-2024				0	Total FY2025-2028			0

DVRPC FY 2017-2020 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 72355 Valley Green Road Bridge Over Wissahickon Creek SR:7046

LIMITS Over Wissahickon Creek

Est Let Date: 4/15/2019

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Whitemarsh Township

FC:

AQ Code:S19

PLAN CENTER:

IPD: 1

PROJECT MANAGER: TSS/GANNETT/S. New

CMP: Not SOV Capacity Adding

CMP Subcorridor(s): 15B

PennDOT Class: Bridge Replacement

PennDOT Improvement: Bridge Replacement

NHPP:

This project involves rehabilitating or replacing the heavily traveled bridge across the Wissahickon Creek in Whitemarsh. The bridge is closed. The county will provide new pedestrian access on the bridge that would allow access from the eastern side of the bridge to the Wissahickon Trail which runs along the creek on the westerly side of the bridge. A final alternative for bridge rehabilitation or replacement is determined upon federal National Environmental Policy Act (NEPA) or state Categorical Exclusion clearance.

		TIP Program Years (\$ 000)											
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028
PE	STU	445											
FD	STP	424											
FD	183	80											
FD	LOC	27											
ROW	STP				93								
ROW	183				17								
ROW	LOC				6								
UTL	STP						49						
UTL	185						10						
UTL	LOC						2						
CON	STP							6,790					
CON	183							1,273					
CON	LOC							424					
		976	0	0	116	0	61	8,487	0	0	0	0	0
		Total FY2017-2020		1,092		Total FY2021-2024			8,548	Total FY2025-2028			0

DVRPC FY 2017-2020 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 72994 PA 263, York Road Hatboro Revitalization (HTSSRS)

Return

LIMITS Horsham Road to Summit Avenue

Actl Let Date: 9/17/2015

IMPROVEMENT Streetscape

MUNICIPALITIES: Hatboro Borough

FC:

AQ Code:A2

PLAN CENTER:

IPD: 2

PROJECT MANAGER: George Dunheimer ADE CONSTR **CMP:** Not SOV Capacity Adding

CMP Subcorridor(s): 1A, 12A

PennDOT Class: Home Town Streets

PennDOT Improvement: Home Town Streets

NHPP: Y

Streetscape improvements are proposed along York Road (SR 263) between Horsham Road and Summit Avenue to reestablish the Hatboro downtown and commercial centers by improving pedestrian facilities and safety. Improvements will consist of gateway signage, street lightning, street trees, brick and/or textured crosswalks, benches, trash receptacles and landscaping.

The Home Town Streets/Safe Routes to School (HTSSRS) programs are intended to improve the quality of life in our communities. Projects aim to encourage reinvestment in and redevelopment of our downtowns, and to establish safe walking routes for children to commute to school where feasible.

This project was recommended in the spring of 2005 for funding through the HTSSRS program. \$800,998 funding will be drawn from MPMS #64984 at the appropriate time.

SAFETEA DEMO 109, PA ID #308 - \$1 MILLION DEMO has been broken out to MPMS #74817 for use on this project.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
CON	STU	65												
		65	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2017-2020			65	Total FY2021-2024				0	Total FY2025-2028			0

MPMS# 74807 North Broad Streetscape Improvements

LIMITS Lansing Avenue to Lynwood Road

Actl Let Date: 3/17/2017

IMPROVEMENT Streetscape

MUNICIPALITIES: Hatfield Township

FC: 16

AQ Code:A2

PLAN CENTER:

IPD: 0

PROJECT MANAGER: EE/J. Arena **CMP:** Not SOV Capacity Adding

CMP Subcorridor(s): 14C

PennDOT Class: Bicycle/Pedestrian

PennDOT Improvement: Bicycle/Pedestrian

NHPP: N

The project will include streetscape improvements such as concrete sidewalks, curbs and street plantings. The preliminary engineering phase was completed by Hatfield Township in 2008.

SAFETEA-LU Earmark, ID# 3514, PA ID# 516 - \$100,000

\$20,000 will be provided by Lansdale Warehouse

\$20,000 will be provided by Hatfield Township

		TIP Program Years (\$ 000)												
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
CON	SXF	100												
CON	LOC	40												
		140	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2017-2020			140	Total FY2021-2024				0	Total FY2025-2028			0

DVRPC FY 2017-2020 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 74813 *Ambler Pedestrian Sidewalk Improvements*

Return

LIMITS Orange Avenue/Highland Avenue/Southern Park Avenue

No Let Date

IMPROVEMENT Bicycle/Pedestrian Improvement

MUNICIPALITIES: Ambler Borough

FC:

AQ Code:A2

PLAN CENTER:

IPD: 3

PROJECT MANAGER: EE/DVRPC/J.Coscia

CMP: Not SOV Capacity Adding

CMP Subcorridor(s): 14B

PennDOT Class: Transportation Enhancement

PennDOT Improvement: Transportation Enhancement

NHPP:

Ambler streetscape improvement including curb and sidewalk reconstruction along Orange, Highland, Southern, Park, and Spring Avenues.

Any additional funds required to complete the project will be provided locally.
Also see MPMS #48173.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
CON	STU	355												
CON	TOLL													
		0	355	0	0	0	0	0	0	0	0	0	0	
		Total FY2017-2020			355	Total FY2021-2024				0	Total FY2025-2028			0

MPMS# 74816 *Whitemarsh Street Imprv (TE)*

Return

LIMITS Whitemarsh Township

Est Let Date: 3/29/2018

IMPROVEMENT Intersection/Interchange Improvements

MUNICIPALITIES: Whitemarsh Township

FC:

AQ Code:2020M

PLAN CENTER:

IPD: 1

PROJECT MANAGER: EE/DVRPC/J. Coscia

CMP:

PennDOT Class: Highway Reconstruction

PennDOT Improvement: Highway Reconstruction

NHPP:

Has been combined with 74937.
Street Improvements
Whitemarsh Township
Corridor Safety Improvements

Improvements necessary to enhance pedestrian movement, safety, and calm traffic along Germantown Pike (SR 3053), from Joshua Road (SR 3014) to Church Road. Included will be the construction of a roundabout at the intersection of Church Road and Germantown Pike; the installation of new curb, curb bump-outs, sidewalks, ADA ramps, pedestrian crosswalks, street furniture, lighting, traffic signal modification, on-street parking, and landscaping; along with other related street improvements on Germantown Pike from Ridge Pike to Joshua Road and from Joshua Road to Church Road

Any additional funds required to complete the project will be provided locally.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
CON	STU	1,843												
		1,843	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2017-2020			1,843	Total FY2021-2024				0	Total FY2025-2028			0

DVRPC FY 2017-2020 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 77211 PA 309 Connector: Allentown Road to Souderton Pike (HT2)

LIMITS Allentown Road to Souderton Pike

Est Let Date: 12/12/2022

IMPROVEMENT Roadway New Capacity

MRPID:57

MUNICIPALITIES: Hilltown Township; Franconia Township; Hatfield Township

FC: 12; 14; 16

AQ Code:2035M

PLAN CENTER:

IPD: 2

PROJECT MANAGER: TSS/P. Berthold

CMP: Major SOV Capacity

CMP Subcorridor(s): 12B, 14C

PennDOT Class: New Alignment

PennDOT Improvement: New Alignment

NHPP: Y

The PA 63/PA 309 Connector Project is intended to create an improved connection between PA 63 (near the Lansdale Interchange of I-476) and PA 309 (near the southern terminus of the Sellersville Bypass) in Bucks County. Phase 1, which created a bypass around Mainland village in Montgomery County and reconstructed and widened Wambold Road from PA 63 (Sumneytown Pike to Allentown Road, was carried under MPMS #16438.

Phase 2 will include the following improvements:

- Extend Wambold Road past its current end at Allentown Road up to the intersection of Cowpath Road and Township Line Road;
- Reconstruct and widen Township Line Road from Cowpath Road to Souderton Pike;
- Realign and signalize the intersection of Penn Street and Township Line Road;
- Signalize the intersection of Township Line Road and Souderton Pike.

Phase 3 will reconstruct and widen Township Line Road between Souderton Pike and the Sellersville Bypass and is listed under MPMS #105803.

Project CMP (Congestion Management Process) commitments include signal and intersection improvements, turning movement enhancements, accommodations for pedestrians and bicyclists, coordination with SEPTA, and outreach to employers to promote transportation demand management strategies. See DVRPC's 2016-2017 memorandum on supplemental strategies for details related to this project.

TIP Program Years (\$ 000)

Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028
FD	581	4,350											
ROW	STU		459										
ROW	581		115										
ROW	STU			1,289									
ROW	581			322									
UTL	STU					669							
UTL	581					167							
CON	STU						8,199						
CON	581						2,049						
CON	STU							8,199					
CON	581							2,049					
CON	STU								8,199				
CON	581								2,049				
		4,350	574	1,611	0	836	10,248	10,248	10,248	0	0	0	0
		Total FY2017-2020		6,535		Total FY2021-2024		31,580		Total FY2025-2028		0	

DVRPC FY 2017-2020 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 78736 E King St O/Manatawney Cr (Bridge)

LIMITS Pottstown Boro

Est Let Date: 7/18/2019

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Pottstown Borough

FC: 14

AQ Code:S19

PLAN CENTER: Town Center

IPD: 7

PROJECT MANAGER: TSS/M. Saintval

CMP: Not SOV Capacity Adding

CMP Subcorridor(s): 9A, 16A

PennDOT Class: Bridge Replacement

PennDOT Improvement: Bridge Replacement

NHPP: Y

This project involves rehabilitating or replacing the state bridge over the Manatawney Creek on East King Street between Manatawney Street and PA 100 in Pottstown Borough. Structurally Deficient bridge breakout project from MPMS #88706.

A final alternative for bridge rehabilitation or replacement is determined upon federal National Environmental Policy Act (NEPA) or state Categorical Exclusion clearance.

TIP Program Years (\$ 000)

Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028
PE	STU		450										
PE	185		113										
FD	NHPP					478							
FD	185					119							
ROW	NHPP						108						
ROW	185						27						
CON	NHPP								4,175				
CON	185								1,044				
		0	563	0	0	597	135	0	5,219	0	0	0	0
		Total FY2017-2020			563	Total FY2021-2024			5,951	Total FY2025-2028			0

DVRPC FY 2017-2020 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 79864 Lafayette Street, Barbados Street to Ford Street Widening (MGN)

LIMITS Barbados Street to Ford Street

Est Let Date: 6/22/2017

IMPROVEMENT Roadway New Capacity

MRPID:55

MUNICIPALITIES: Norristown Borough

FC: 9

AQ Code:2025M

PLAN CENTER: Town Center

IPD: 6

PROJECT MANAGER: EE/J. Brown

CMP: Major SOV Capacity

CMP Subcorridor(s): 8E, 9B

PennDOT Class: Additional Lanes

PennDOT Improvement: Additional Lanes

NHPP: N

This project (Section MGN) will reconstruct and widen existing Lafayette Street from 2 to 4 lanes between Barbados and Ford Streets, as well as provide turn lanes and upgrade signals.

This project is a component of a much larger project aimed at extending Lafayette Street past its current terminus at Ford Street to Diamond Avenue. In addition to the proposed new roadway, the existing Schuylkill River bike/pedestrian trail will be realigned as a multi-purpose trail for public access and recreational use as part of the project. Further, the long term goal is to construct an interchange at the Dannehower Bridge/Lafayette Street intersection as well as an all electronic interchange with the Pennsylvania Turnpike. With an overall construction estimate of approximately \$115 million, this project has been broken down into several sections for construction management. See MPMS #'s 79863, 79864, and 79928.

Earmarks made available for the Lafayette Street Extension Projects:

TEA 21 DEMO -\$10 million

2004 DEMO - \$750,000

SAFETEA DEMO #4809, PA ID# 619 - \$500,000

SAFETEA DEMO #91, PA ID# 306 - \$9.120 MILLION

Project CMP (Congestion Management Process) commitments include strategies such as improvements for transit users, bicyclists, pedestrians, and drivers on the existing road network (operations). See DVRPC's 2010 and 2012 annual memoranda on supplemental strategies for details related to this project.

TIP Program Years (\$ 000)

Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028
CON	STU	10,426											
CON	LOC	2,606											
CON	STU		426										
CON	LOC		106										
CON	STU			6,432									
CON	LOC			1,610									
CON	STU				9,100								
CON	LOC				2,274								
CON	STU					3,320							
CON	LOC					828							
		13,032	532	8,042	11,374	4,148	0	0	0	0	0	0	0
		Total FY2017-2020		32,980		Total FY2021-2024			4,148	Total FY2025-2028			0

DVRPC FY 2017-2020 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 80021 *US 202, Markley Street Improvements (Section 510)*

LIMITS Main Street to Harding Boulevard

Est Let Date: 6/8/2017

IMPROVEMENT Intersection/Interchange Improvements

MRPID:21

MUNICIPALITIES: Norristown Borough

FC:

AQ Code:S10

PLAN CENTER: Town Center

IPD: 7

PROJECT MANAGER: EE/J. Brown

CMP: Major SOV Capacity

CMP Subcorridor(s): 8E, 9B

PennDOT Class: Highway Restoration

PennDOT Improvement: Highway Restoration

NHPP: Y

This project provides for reconstruction and signal improvements to Route US 202, from Main Street from Harding Blvd. Improvements include the reconstruction of the existing four-lane cross-section, which will involve replacement of the existing "Bailey Bridge" carrying the northbound lanes over Stony Creek and replacement of the box beam structure carrying the southbound lanes over Stony Creek. In general, the roadway reconstruction will take place within the existing roadway footprint or will involve minor widening. More significant widening will occur at the intersection with Main Street to provide two northbound left turn lanes from Markley Street to Main Street. Total pavement reconstruction will occur. Corridor-wide improvements will include traffic signal upgrades at the six signalized intersections, highway lighting, and pedestrian accommodations (including pedestrian signals, sidewalks, crosswalks, and bump outs).

This project is the construction work broken out from MPMS #16665, which incorporates all pre-construction phases (UTL and ROW) for MPMS# 80021 (Section 510) and 80022 (Section 520), companion project.

Project CMP (Congestion Management Process) commitments include strategies such as improvements for transit users, bicyclists, pedestrians, and drivers on the existing road network (operations). See DVRPC's 2007 and 2011 annual memoranda on supplemental strategies for details related to this project.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
CON	SXF	300												
CON	STU	6,789												
CON	581	1,697												
CON	STU		6,789											
CON	581		1,697											
CON	STU			6,789										
CON	581			1,697										
		8,786	8,486	8,486	0	0	0	0	0	0	0	0	0	
		Total FY2017-2020			25,758	Total FY2021-2024				0	Total FY2025-2028			0

DVRPC FY 2017-2020 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 80022 *US 202, Markley Street Improvements (Section 520)*

Return

LIMITS Harding Boulevard to Johnson Highway

No Let Date

IMPROVEMENT Intersection/Interchange Improvements

MRPID:21

MUNICIPALITIES: East Norriton Township; Norristown Borough

FC: 14

AQ Code:2025M

PLAN CENTER:

IPD: 5

PROJECT MANAGER:

CMP: Major SOV Capacity

CMP Subcorridor(s): 1A, 8E, 9B

PennDOT Class: Highway Reconstruction

PennDOT Improvement: Highway Reconstruction

NHPP: Y

This project provides for reconstruction and signal improvements to Route US 202, from Harding Blvd to Johnson Highway. Improvements include the reconstruction of the two-lane cross-section between as a three-lane roadway, with one northbound lane, one southbound lane, and one two-way left turn lane. The roadway widening will follow the existing alignment. Total pavement reconstruction is anticipated.

The improvements along Johnson Highway will primarily involve pavement marking and signing, and will include some widening at the intersection with Markley Street and radius improvements at local roadways. Corridor-wide improvements will include traffic signal upgrades at the six signalized intersections, highway lighting, and pedestrian accommodations (including pedestrian signals, sidewalks, crosswalks, and bump outs).

This project is the construction work broken out from MPMS #16665, which incorporates all pre-construction phases (UTL and ROW) for MPMS# 80022 (Section 510) and 80021 (Section 520), companion project.

Project CMP (Congestion Management Process) commitments include strategies such as improvements for transit users, bicyclists, pedestrians, and drivers on the existing road network (operations). See DVRPC's 2007 and 2011 annual memoranda on supplemental strategies for details related to this project.

TIP Program Years (\$ 000)

Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
CON	NHPP	193												
CON	581	48												
		241	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2017-2020			241	Total FY2021-2024				0	Total FY2025-2028			0

DVRPC FY 2017-2020 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 80052 *Fetters Mill Bridge Over Pennypack Creek*

LIMITS Over Pennypack Circle

Est Let Date: 2/15/2019

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Bryn Athyn Borough; Lower Moreland Township

FC:

AQ Code:S19

PLAN CENTER:

IPD: 4

PROJECT MANAGER: TSS/GANNETT/S. New

CMP: Not SOV Capacity Adding

CMP Subcorridor(s): 12A

PennDOT Class: Bridge Replacement

PennDOT Improvement: Bridge Replacement

NHPP:

A Preliminary Case Study will be done to determine if the bridge can be rehabilitated or should be replaced. The bicycle and pedestrian checklists will be incorporated into the project.

A final alternative for bridge rehabilitation or replacement is determined upon federal National Environmental Policy Act (NEPA) or state Categorical Exclusion clearance.

TIP Program Years (\$ 000)

Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028
FD	STU	424											
FD	183												
FD	LOC												
FD	TOLL												
FD	STU		107										
ROW	STP		61										
ROW	TOLL												
ROW	STU		15										
ROW	183												
ROW	LOC												
CON	STP			1,694									
CON	185												
CON	LOC												
CON	TOLL												
CON	STU				695								
CON	STP					340							
CON	185					85							
		424	183	1,694	695	425	0	0	0	0	0	0	0
		Total FY2017-2020			2,996	Total FY2021-2024			425	Total FY2025-2028			0

DVRPC FY 2017-2020 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 80053 *Knight Road Bridge Over Green Lane Reservoir*

Return

LIMITS Over Green Lane Reservoir

No Let Date

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Upper Hanover Township

FC:

AQ Code:S19

PLAN CENTER:

IPD: 0

PROJECT MANAGER: George Dunheimer ADE CONSTR **CMP:** Not SOV Capacity Adding

PennDOT Class: Bridge Replacement

PennDOT Improvement: Bridge Replacement

NHPP:

This project consists of the replacement of the existing bridge carrying Knight Road over Green Lane Reservoir. Minor approach work is also anticipated. A final alternative for bridge rehabilitation or replacement is determined upon federal National Environmental Policy Act (NEPA) or state Categorical Exclusion clearance.

TIP Program Years (\$ 000)														
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
FD	BOF													
CON	STP		66											
CON	183		12											
CON	LOC		4											
		0	82	0	0	0	0	0	0	0	0	0	0	
		Total FY2017-2020			82	Total FY2021-2024				0	Total FY2025-2028			0

MPMS# 80479 *I-476, Mid County Expressway Roadway Reconstruction*

Return

LIMITS I-76/Schuylkill Expressway to I-276/Mid County Toll

No Let Date

IMPROVEMENT Roadway Rehabilitation

MUNICIPALITIES: Lower Merion Township; Plymouth Township; West Conshohocken B **FC:** 11; 14

AQ Code:S10

PLAN CENTER:

IPD:

PROJECT MANAGER: George Dunheimer ADE CONSTR **CMP:** Not SOV Capacity Adding

CMP Subcorridor(s): 2B, 3C

PennDOT Class: Highway Reconstruction

PennDOT Improvement: Highway Reconstruction

NHPP: Y

This project involves the total reconstruction of 4.1 miles of I-476 from the Schuylkill Expressway (I-76) to the Mid-County Toll Plaza of the Pennsylvania Turnpike (I-276).

In general, the existing roadway consists of 3-12' lanes, with 10' wide outside shoulders and predominately 4' wide paved inside shoulders each way. The purpose of this reconstruction is to replace the pavement and rehabilitate six (6) dual mainline bridges and one (1) overhead bridge. Major tasks will include roadway reconstruction, shoulder widening, sinkhole remediation, signing upgrades, acceleration/deceleration lane upgrades, drainage improvements, and bridge rehabilitation work.

Components of this project have already been advanced under MPMS #'s 77523, 83603, 83606, and 16737. Total roadway construction estimate is \$87 million.

TIP Program Years (\$ 000)														
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
CON	NHPP													
		0	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2017-2020			0	Total FY2021-2024				0	Total FY2025-2028			0

DVRPC FY 2017-2020 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 83643 Limekiln Pike (Bridge) o/SEPTA RR

LIMITS Abington Township

Est Let Date: 7/25/2019

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Abington Township

FC:

AQ Code:S19

PLAN CENTER: Town Center

IPD: 2

PROJECT MANAGER: Gannett/V. Genua

CMP: Not SOV Capacity Adding

CMP Subcorridor(s): 14B

PennDOT Class: Bridge Restoration

PennDOT Improvement: Bridge Restoration

NHPP:

This project includes the replacement of the bridge superstructure carrying Limekiln Pike over the SEPTA Lansdale/Doylestown Line. The existing structure is a single span adjacent concrete box beam structure that is approximately 76 feet long and 58 feet wide. The project will be constructed under traffic, maintaining one lane in each direction. The proposed bridge superstructure will also be 58 feet wide. The existing roadway has two 11 foot lanes and two 13 foot lanes and two 4 foot sidewalks and two protective exterior walls due to the electrified powerlines for SEPTA. Utility lines above the sidewalk may need relocation to facilitate construction. Protection of SEPTA catenary and transmission lines will be required. Construction operations will need to be coordinated with SEPTA to not impact the Lansdale/Doylestown Line services.

		TIP Program Years (\$ 000)											
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028
FD	581	796											
ROW	581				128								
UTL	185						676						
CON	185								4,567				
		796	0	0	128	0	676	0	4,567	0	0	0	0
		Total FY2017-2020			924	Total FY2021-2024			5,243	Total FY2025-2028			0

DVRPC FY 2017-2020 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 83742 Keim Street Bridge Over Schuylkill River

LIMITS Over Schuylkill River

Est Let Date: 4/5/2019

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: North Coventry Township; Pottstown Borough

FC:

AQ Code:S19

PLAN CENTER: Town Center

IPD: 2

PROJECT MANAGER: TSS/GANNETT/S. New

CMP: Not SOV Capacity Adding

CMP Subcorridor(s): 9A

PennDOT Class: Bridge Replacement

PennDOT Improvement: Bridge Replacement

NHPP:

This project involves rehabilitating or replacing the existing structure that is 8 span, 749' steel Pony Truss over Schuylkill River. It is closed. The proposed structure that will meet current design standards is two 12' lanes, two 6' shoulders, one 5-6' sidewalk. A final alternative for bridge rehabilitation or replacement is determined upon federal National Environmental Policy Act (NEPA) or state Categorical Exclusion clearance.

		TIP Program Years (\$ 000)											
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028
PE	STP		509										
PE	183		95										
PE	LOC		32										
FD	STU	509											
FD	183	95											
FD	LOC	32											
UTL	STP			45									
UTL	183			9									
UTL	LOC			2									
CON	STP							5,573					
CON	183							1,045					
CON	LOC							348					
CON	STU								5,573				
CON	183								1,045				
CON	LOC								348				
CON	STP									5,573			
CON	183									1,045			
CON	LOC									348			
		636	636	56	0	0	0	6,966	6,966	6,966	0	0	0
		Total FY2017-2020			1,328	Total FY2021-2024			13,932	Total FY2025-2028			6,966

DVRPC FY 2017-2020 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 84308 US 422 "S" Curve/Stowe Interchange

LIMITS Berks County Line to Schuylkill River

Est Let Date: 7/13/2017

IMPROVEMENT Roadway Rehabilitation

MRPID:135

MUNICIPALITIES: West Pottsgrove Township

FC: 12

AQ Code:S10

PLAN CENTER: Town Center

IPD: 6

PROJECT MANAGER: EE/L. Link

CMP: Not SOV Capacity Adding

CMP Subcorridor(s): 9A

PennDOT Class: Highway Reconstruction

PennDOT Improvement: Highway Reconstruction

NHPP: Y

Reconstruction of 1.2 miles of expressway on both existing and new alignments meeting current design standards for horizontal radii, shoulder widths, and vertical clearance. SR 0422 will be reconstructed with a 9 foot left shoulder, 2-12 foot lanes, and a 12 foot right shoulder in each direction of travel. A concrete glare screen will be provided for physical separation between eastbound and westbound traffic. This project involves reconfiguration of the "S-curve" (high crash rate area) and Stowe Interchange. The Stowe Interchange will be realigned from the existing Trumpet configuration with tight loop ramps to a Diamond configuration. The horizontal radii comprising the Stowe "S-curve" will be increased to meet current design standards including stopping sight distance. The bridge carrying Ramp XY over SR 0422 at the Stowe Interchange will be reconstructed with the realigned interchange and will provide 16'-6" of vertical clearance with SR 0422. Structural improvements also include the replacement and extension of a culvert. PE is funded under MPMS 14698 and FD and ROW are funded under MPMS 66986. Also see MPMS #s 14698, 16738, 64220, 64222, 66986. SAFETEA DEMO # 1202 \$1.2 MILLION.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
UTL	SXF	220												
UTL	581	58												
CON	581		7,380											
CON	581			18,956										
CON	581				15,184									
		278	7,380	18,956	15,184	0	0	0	0	0	0	0	0	
		Total FY2017-2020			41,798	Total FY2021-2024				0	Total FY2025-2028			0

DVRPC FY 2017-2020 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 86336 **Congo Road Bridge Replacement**

LIMITS Congo Road over Middle Creek

Est Let Date: 3/28/2019

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Douglass Township

FC: 19

AQ Code:S19

PLAN CENTER:

IPD: 2

PROJECT MANAGER: EE/J. Arena

CMP: Not SOV Capacity Adding

PennDOT Class: Bridge Replacement

PennDOT Improvement: Bridge Replacement

NHPP:

This project involves the rehabilitating or replacing of the Bridge at Congo Road over Middle Creek. The improvement is a breakout of MPMS# 88706 for Bridge Rehabilitation. A final alternative for bridge rehabilitation or replacement is determined upon federal National Environmental Policy Act (NEPA) or state Categorical Exclusion clearance.

TIP Program Years (\$ 000)

Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028		
FD	STP	371													
FD	185	87													
FD	BOF			72											
FD	185			18											
ROW	STP					146									
ROW	185					37									
UTL	STP					146									
UTL	185					37									
CON	STP						1,673								
CON	185						418								
		458	90	0	0	366	2,091	0	0	0	0	0	0		
		Total FY2017-2020			548	Total FY2021-2024				2,457	Total FY2025-2028				0

DVRPC FY 2017-2020 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 86924 US 422, Resurfacing (PM2)

LIMITS Walnut Street to Pleasant Street

Est Let Date: 7/13/2017

IMPROVEMENT Roadway Rehabilitation

MUNICIPALITIES: Limerick Township; Lower Pottsgrove Township

FC: 12

AQ Code:S10

PLAN CENTER:

IPD: 2

PROJECT MANAGER: TSS/H. Freed

CMP: Not SOV Capacity Adding

CMP Subcorridor(s): 9A

PennDOT Class: Preventive Maintenance

PennDOT Improvement: Preventive Maintenance

NHPP: Y

This project includes concrete patching, diamond grinding, spall repair, rehab and seal all joints or overlay, upgrading or replacement of guiderail, mile post sign repair or replacement, and pavement marker installation for 6 segment miles on Route 422 (EB and WB).

		TIP Program Years (\$ 000)												
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
PE	TOLL													
PE	NHPP	100												
FD	TOLL													
FD	NHPP		100											
CON	STU	564												
CON	NHPP*	3,000												
CON	NHPP*		3,000											
CON	NHPP*			4,100										
CON	STU				5,436									
		3,664	3,100	4,100	5,436	0	0	0	0	0	0	0	0	
		Total FY2017-2020			16,300	Total FY2021-2024				0	Total FY2025-2028			0

DVRPC FY 2017-2020 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 87099 Upper Gwynedd Township Improvements (SRTSF) - Round 1

LIMITS Vicinity of St. Rose of Lima and

Est Let Date: 4/12/2018

IMPROVEMENT Bicycle/Pedestrian Improvement

MUNICIPALITIES: Upper Gwynedd Township

FC:

AQ Code:A2

PLAN CENTER:

IPD: 1

PROJECT MANAGER: EE/DVRPC/K. Lawrence

CMP: Not SOV Capacity Adding

CMP Subcorridor(s): 8F, 12B, 14C

PennDOT Class: Federal Safe Routes to Schools **PennDOT Improvement:** Federal Safe Routes to Schools

NHPP:

This project will install curbing, sidewalk and traffic calming measures within a half mile radius of the St. Rose of Lima and North Wales Elementary Schools on West Prospect, Washington, Second, Swarley, Summit, Pennsylvania, Fairfield, Highland and Main Streets. This project was awarded \$1,101,000 in SRTSF funds.

Specific improvements include: curbing and sidewalk along hazardous route of W. Prospect Ave from train bridge to Pennsylvania and around corner of first home on Pennsylvania to connect existing sidewalk; installation of sidewalk along Fairview extending from existing sidewalk to bend at Highland Ave; installation of sidewalk along Highland Ave between Fairview and existing sidewalk; installation of sidewalk along Swartley Ave from Washington to alleyway; installation of sidewalk along Washington Ave from West to Swartley; curbing and sidewalk along 2nd St from E. Prospect to Summit Ave and Summit Ave. improvements; installation of speed feedback signs on Main Street between North Wales Elementary and St. Rose; installation of raised crosswalk on Main Street between East Prospect and St. Rose; installation of flashing yellow school zone signs and crosswalks along W. Prospect route; and lastly, bike rack.

This project was awarded \$1,069,977 in federal Safe Routes to School (SRTSF) funding in May of 2009. Any additional funds required to complete the project will be provided locally.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
CON	SRTSF	797												
		797	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2017-2020			797	Total FY2021-2024				0	Total FY2025-2028			0

DVRPC FY 2017-2020 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 89340 Bridge Rehab Group S

New

LIMITS

Est Let Date: 5/18/2017

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Various

FC:

AQ Code:S19

PLAN CENTER: Suburban Center

IPD: 1

PROJECT MANAGER: HNTB/NV

CMP:

PennDOT Class:

PennDOT Improvement:

NHPP:

Eight (8) structurally deficient bridges in Chester County and Montgomery County will be rehabilitated. Improvements are to include four (4) bridge deck replacements, two (2) bonded concrete overlays, one (1) bituminous deck overlay, and one (1) steel truss rehabilitation, all with minimal roadway improvement. Estimated service life extensions of fifteen (15) years for rehabilitation and forty (40) years for deck replacement are anticipated.

The bridges are as follows:

Chester County

- 1) Boot Road over PA 100 Bypass (Bridge Key 10402) Deck Replacement in West Whiteland Township;
- 2) South Whitford Road over Valley Creek (Bridge Key 10547) Deck Replacement in West Whiteland Township;
- 3) Ross Fording Road over Octoraro Creek (Bridge key 10518) Steel Truss Rehabilitation in West Fallowfield Township;

Montgomery County

- 4) Welsh Road over Norfolk Southern (Bridge Key 27176) Deck Replacement in Upper Dublin Township;
- 5) Easton Road over Branch Pennypack Creek (Bridge Key 27505) Bonded Concrete Overlay in Upper Moreland;
- 6) Easton Road over PA Turnpike Ramp AB (Bridge Key 27506) Bonded Concrete Overlay in Upper Moreland Township;
- 7) Quakertown Road over Branch Macoby Creek (Bridge Key 27572) Bituminous Deck Overlay in Upper Hanover;
- 8) Linfield Road over Norfolk Southern (MP 34.71), (Bridge Key 27819) Deck Replacement in Limerick Township;

Work to be performed will additionally include District-wide "On-Demand" bridge repairs. The scope of work will not change the typical section of the roadways or increase their capacities. A final alternative for bridge rehabilitation or replacement is determined upon federal National Environmental Policy Act (NEPA) or state Environmental Determination Documentation clearance.

		TIP Program Years (\$ 000)											
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028
CON	185	4,131											
CON	185		3,050										
CON	185			690									
CON	185				153								
		4,131	3,050	690	153	0	0	0	0	0	0	0	0
		Total FY2017-2020				Total FY2021-2024				Total FY2025-2028			
		8,024				0				0			

DVRPC FY 2017-2020 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 92807 PA 73 - Skippack Pike Bridge Replacement

LIMITS over the Skippack Creek

Est Let Date: 10/17/2019

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Skippack Township

FC: 14

AQ Code:S19

PLAN CENTER:

IPD: 0

PROJECT MANAGER: EE/J. Arena

CMP: Not SOV Capacity Adding

PennDOT Class: Bridge Replacement

PennDOT Improvement: Bridge Replacement

NHPP: Y

This project involves rehabilitating or replacing the Bridge with minimal roadway improvements at Skippack Pike over Skippack Creek. The improvement is a breakout of MPMS# 88706 for Bridge Rehabilitation. A final alternative for bridge rehabilitation or replacement is determined upon federal National Environmental Policy Act (NEPA) or state Categorical Exclusion clearance.

TIP Program Years (\$ 000)

Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
FD	NHPP	450												
FD	581	112												
FD	STP		120											
FD	581		30											
ROW	NHPP					251								
ROW	185					63								
UTL	NHPP							266						
UTL	185							67						
CON	185								4,404					
		562	150	0	0	314	0	333	4,404	0	0	0	0	
		Total FY2017-2020			712	Total FY2021-2024			5,051	Total FY2025-2028				0

DVRPC FY 2017-2020 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 92839 Ridge Pike/two RR Bridges

LIMITS PA Turnpike to Carland Road

Est Let Date: 2/27/2020

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Plymouth Township

FC:

AQ Code:S19

PLAN CENTER: Suburban Center

IPD: 1

PROJECT MANAGER: AECOM/C. Carmichael

CMP: Not SOV Capacity Adding

CMP Subcorridor(s): 1A, 9B

PennDOT Class: Bridge Restoration

PennDOT Improvement: Bridge Restoration

NHPP:

This project will replace and widen two bridges carrying Ridge Pike, a Montgomery County owned arterial, over Norfolk Southern railroad tracks in Plymouth Township between PA Turnpike and Carland Road. It also includes constructing a new pedestrian bridge over Norfolk Southern immediately adjacent to the highway bridges to provide a sidewalk on Ridge Pike. Both existing bridges over the railroad are structurally deficient. This is a companion project to MPMS #48175. A final alternative for bridge rehabilitation or replacement is determined upon federal National Environmental Policy Act (NEPA) or state Categorical Exclusion clearance.

TIP Program Years (\$ 000)

Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
CON	STU			338										
CON	183			625										
CON	LOC			208										
CON	STU				3,338									
CON	183				625									
CON	LOC				208									
CON	STU					3,338								
CON	183					625								
CON	LOC					208								
		0	0	1,171	4,171	4,171	0	0	0	0	0	0	0	
		Total FY2017-2020			5,342	Total FY2021-2024				4,171	Total FY2025-2028			0

MPMS# 96220 Lower Salford Signal Improvements

Return

LIMITS

No Let Date

IMPROVEMENT Signal/ITS Improvements

MUNICIPALITIES: Lower Salford Township

FC: 14

AQ Code:2025M

PLAN CENTER:

IPD: 0

PROJECT MANAGER: George Dunheimer ADE CONSTR **CMP:** Minor SOV Capacity

CMP Subcorridor(s): 11A

PennDOT Class: Congestion Reduction

PennDOT Improvement: Congestion Reduction

NHPP: Y

Signal improvements along Lower Salford Township's two main corridors, Main Street (S.R. 0063) and Harleysville Pike (S.R. 0113), will be installed.

This project was awarded \$731,000 CMAQ funds from DVRPC's 2011-2012 Competitive CMAQ Program on October 25, 2012.

TIP Program Years (\$ 000)

Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
CON	CAQ	0	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2017-2020			0	Total FY2021-2024				0	Total FY2025-2028			0

DVRPC FY 2017-2020 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 96787 *Broad Street Grade Crossing*

Return

LIMITS Between Main Street and Front Street

No Let Date

IMPROVEMENT Intersection/Interchange Improvements

MUNICIPALITIES: Souderton Borough

FC:

AQ Code:S8

PLAN CENTER:

IPD:

PROJECT MANAGER: MAL/M. LANG

CMP:

PennDOT Class: Rail Highway Grade Crossing

PennDOT Improvement: Rail Highway Grade Crossing

NHPP:

Installation of Warning Devices and High Type Surface

		TIP Program Years (\$ 000)											
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028
CON	RRX	40											
		40	0	0	0	0	0	0	0	0	0	0	0
Total FY2017-2020		40				Total FY2021-2024				0			
										Total FY2025-2028			
										0			

MPMS# 98037 *Niantic Road over Perkiomen Creek*

New

LIMITS

No Let Date

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Douglass Township

FC:

AQ Code:S19

PLAN CENTER:

IPD:

PROJECT MANAGER: Plans/S. Hasan

CMP:

PennDOT Class:

PennDOT Improvement:

NHPP:

This project will include the removal and replacement of an existing Structurally Deficient Bridge.

A final alternative for bridge rehabilitation or replacement is determined upon federal National Environmental Policy Act (NEPA) or state Categorical Exclusion clearance.

		TIP Program Years (\$ 000)											
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028
PE	185	75											
FD	185		150										
ROW	185			75									
UTL	185			20									
CON	185					1,200							
		75	150	95	0	0	1,200	0	0	0	0	0	0
Total FY2017-2020		320				Total FY2021-2024				1,200			
										Total FY2025-2028			
										0			

DVRPC FY 2017-2020 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 98225 *Butler Pike over Prophecy Creek*

LIMITS over Prophecy Creek No Let Date

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Upper Dublin Township

FC:

AQ Code:S19

PLAN CENTER:

IPD: 0

PROJECT MANAGER: TSS/S. New

CMP: Not SOV Capacity Adding

CMP Subcorridor(s): 14B

PennDOT Class: Bridge Restoration

PennDOT Improvement: Bridge Restoration

NHPP:

This project is a bridge rehabilitation/replacement of Butler Pike over Prophecy Creek in Upper Dublin Township, Montgomery County.

Funding for this project will be drawn down from the County Bridge Line Item (MPMS# 95447) at the appropriate time.

A final alternative for bridge rehabilitation or replacement is determined upon federal National Environmental Policy Act (NEPA) or state Categorical Exclusion clearance.

TIP Program Years (\$ 000)

Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
PE	183	32												
PE	LOC	8												
		40	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2017-2020			40	Total FY2021-2024				0	Total FY2025-2028			0

MPMS# 102273 *Second Collegeville Bridge Crossing*

LIMITS PA 29 to Ridge/Germantown Pike

Est Let Date: 4/11/2024

IMPROVEMENT Roadway New Capacity

MRPID:160

MUNICIPALITIES: Collegeville Borough; Lower Providence Township

FC:

AQ Code:2035M

PLAN CENTER:

IPD: 0

PROJECT MANAGER: L. Guarini

CMP: Minor SOV Capacity

CMP Subcorridor(s): 9A, 11A

PennDOT Class: New Bridge

PennDOT Improvement: New Bridge

NHPP:

Provide additional bridge over the Perkiomen Creek between Ridge Pike and Germantown Pike in Lower Providence to connect with PA 29 in Collegeville. Construct new connections and relocate intersections on both ends of the bridge. The new bridge and roadway improvements will improve operations and lessen congestion on the existing 1791 stone arch bridge, the second oldest in Pennsylvania.

TIP Program Years (\$ 000)

Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
PE	185				2,203									
FD	185								1,754					
UTL	185									2,874				
CON	185									18,340				
CON	581										3,677			
CON	185										28,804			
		0	0	0	2,203	0	0	0	1,754	21,214	32,481	0	0	
		Total FY2017-2020			2,203	Total FY2021-2024				1,754	Total FY2025-2028			53,695

DVRPC FY 2017-2020 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 102836 *Walk and Bike Pottstown Phase 1 & 2 (TAP)*

LIMITS High Street, Roland Street and Jackson Street

No Let Date

IMPROVEMENT Bicycle/Pedestrian Improvement

MUNICIPALITIES: Pottstown Borough

FC:

AQ Code:A2

PLAN CENTER: Town Center

IPD: 7

PROJECT MANAGER: EE/DVRPC/K. Lawrence

CMP:

PennDOT Class: Transportation Enhancement **PennDOT Improvement:** Transportation Enhancement

NHPP:

Phase 1: Construct the extension of High Street bike lanes to Roland Street and then along Roland Street to Jackson Street, where a two-way bicycle lane will be created on the Jackson Street ROW, separated from traffic lanes by a 5-ft wide bioswale. Major roadway crossings are proposed to be improved as well. This phase will improve critical connections on the higher speed, higher volume roadways to improve safety for active transportation in the Borough.

Phase 2: Construct extensive restriping project and one way roadway conversion project in order to finalize the remaining bike route system in the Borough of Pottstown.

\$1,000,000 Regional TAP funds were approved during the 2014 project selection process, to be programmed at the appropriate time, drawing funds from MPMS #64984.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
CON	TOLL													
CON	TAU		860											
		0	860	0	0	0	0	0	0	0	0	0	0	
		Total FY2017-2020			860	Total FY2021-2024				0	Total FY2025-2028			0

MPMS# 102837 *Liberty Bell Trail Connection (TAP)*

LIMITS Multiuse Trail connecting Madison Development with proposed Andale Green residential development.

No Let Date

IMPROVEMENT Bicycle/Pedestrian Improvement

MUNICIPALITIES: Lansdale Borough

FC:

AQ Code:A2

PLAN CENTER: Town Center

IPD: 2

PROJECT MANAGER: EE/DVRPC/K. Lawrence

CMP:

PennDOT Class: Transportation Enhancement **PennDOT Improvement:** Transportation Enhancement

NHPP:

The construction of a multi-use trail making connections through Lansdale Borough to complete a section of the Liberty Bell Trail. The sections will include a direct connection from the proposed skate park through the Madison Lot Development, across Main Street to the future SEPTA bus stop on Railroad Avenue, extend along Railroad Avenue to the new Municipal Complex, extend across Broad Street to a signalized track crossing of the Stoney Creek branch to the proposed Andale Green residential development.

\$635,000 Regional TAP funds were approved during the 2014 project selection process, to be programmed at the appropriate time, drawing funds from MPMS #64984.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
CON	TOLL													
CON	TAU		635											
		635	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2017-2020			635	Total FY2021-2024				0	Total FY2025-2028			0

DVRPC FY 2017-2020 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 103340 *Virginia Drive Over Pine Run*

New

LIMITS Virginia Drive over Pine Run, Upper Dublin Township

No Let Date

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Upper Dublin Township

FC:

AQ Code:S19

PLAN CENTER:

IPD:

PROJECT MANAGER: TSS/GANNETT/S. New

CMP:

PennDOT Class:

PennDOT Improvement:

NHPP:

The purpose of the project is to repair the Virginia Drive Bridge Over Pine Run.

This bridge is retroactive reimbursement to the locals as part of the Municipal Bridge Line Item - MPMS #102105.

TIP Program Years (\$ 000)

Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028			
UTL	183		352													
UTL	LOC		88													
CON	183			2,040												
CON	LOC			510												
		0	440	2,550	0	0	0	0	0	0	0	0	0			
Total FY2017-2020		2,990			Total FY2021-2024				0				Total FY2025-2028		0	

MPMS# 103372 *Waverly Road over Tacony Creek (County Bridge #275)*

New

LIMITS Waverly Road over Tacony Creek

No Let Date

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Cheltenham Township

FC:

AQ Code:S19

PLAN CENTER:

IPD:

PROJECT MANAGER:

CMP:

PennDOT Class:

PennDOT Improvement:

NHPP:

Montgomery County Bridge #275 is a 28-foot long single span steel I-beam bridge that carries approximately 2,400 vehicles per day. The bridge is structurally deficient and the superstructure is in poor condition. The superstructure exhibits significant paint loss with moderate to heavy rust, section loss and pitting. The substructure is exhibiting vertical cracks.

A final alternative for bridge rehabilitation or replacement is determined upon federal National Environmental Policy Act (NEPA) or state Categorical Exclusion clearance.

TIP Program Years (\$ 000)

Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028			
PE	SSTP		350													
FD	SSTP			300												
ROW	SSTP				25											
UTL	SSTP				25											
CON	SSTP					1,300										
		0	350	300	50	1,300	0	0	0	0	0	0	0			
Total FY2017-2020		700			Total FY2021-2024				1,300				Total FY2025-2028		0	

DVRPC FY 2017-2020 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 103466 Walnut St. Bridge Over West Branch of Neshaminy Creek

New

LIMITS Walnut St. Bridge Over West Branch of Neshaminy Creek, Hatfield Township

No Let Date

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Hatfield Township

FC:

AQ Code:S19

PLAN CENTER:

IPD:

PROJECT MANAGER: TSS/GANNETT/S. New

CMP:

PennDOT Class:

PennDOT Improvement:

NHPP:

The purpose of the project is to replace the Walnut St. Bridge Over West Branch of Neshaminy Creek.

This bridge is retroactive reimbursement to the locals as part of the Municipal Bridge Line Item - MPMS #102105.

TIP Program Years (\$ 000)															
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028		
FD	183		163												
FD	LOC		41												
CON	183		328												
CON	LOC		82												
CON	183			543											
CON	LOC			136											
		0	614	679	0	0	0	0	0	0	0	0	0		
Total FY2017-2020		1,293			Total FY2021-2024				0				Total FY2025-2028		0

MPMS# 104278 Walk and Bike Pottstown - Phase 3

LIMITS

Actl Let Date: 4/20/2017

IMPROVEMENT Bicycle/Pedestrian Improvement

MUNICIPALITIES: Pottstown Borough

FC:

AQ Code:A2

PLAN CENTER:

IPD:

PROJECT MANAGER: EE/DVRPC/K. Lawrence

CMP:

PennDOT Class: Federal Safe Routes to Schools

PennDOT Improvement: Federal Safe Routes to Schools

NHPP:

Walk and Bike Pottstown will create a comprehensive walking and bicycling network enabling 3,000 students to walk or bicycle safely to school, and adults of all ages to walk or bike for work or leisure, with links to neighboring municipalities.

December 11, 2014 - In summer of 2014, PennDOT held a competitive round of 2-years worth of funding. As a result, this project was one of 13 projects across the DVRPC region that received \$300,000 on 11/10/2014 through the statewide TAP program (MPMS #60560) out of the \$7.8 million awarded to the region. Statewide, PennDOT made \$33 million available for 56 projects across the state.

See MPMS# 10283 for Phases 1 & 2 of Walk and Bike Pottstown, which were awarded with \$1,000,000 in TAP - Large Urbanized Area (DVRPC Regional TAP) funds.

TIP Program Years (\$ 000)															
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028		
CON	SRTSF	300													
		300	0	0	0	0	0	0	0	0	0	0	0		
Total FY2017-2020		300			Total FY2021-2024				0				Total FY2025-2028		0

DVRPC FY 2017-2020 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 104280 *First Avenue Road Diet (TAP)*

LIMITS N. Gulph Road to Allendale Road

Est Let Date: 8/24/2017

IMPROVEMENT Bicycle/Pedestrian Improvement

MUNICIPALITIES: Upper Merion Township

FC:

AQ Code:2020M

PLAN CENTER: Metropolitan Subcenter

IPD: 2

PROJECT MANAGER: EE/DVRPC/J. Banks

CMP:

PennDOT Class: Transportation Enhancement

PennDOT Improvement: Transportation Enhancement

NHPP:

This is a road diet project along the entire length of First Avenue from N. Gulph Road to Allendale Road by reducing the number of travel lanes while maintaining acceptable vehicular traffic operations, which will allow excess existing paved roadway to provide improved facilities for other users such as bicyclists, pedestrians and transit users. Work will also involve converting the entire length of First Avenue from four (4) through lanes with no auxiliary left-turn or right-turn lanes to a three (3) lane configuration with one through lane in each direction and a center two-way left-turn lane and areas of painted median to facilitate movements into the existing commercial and office driveways along the roadway. The remaining roadway area will be converted to 5 foot bicycle lanes on each side of the road. Additionally, a mid-block raised pedestrian crosswalk including pedestrian signals, signs and markings will be provided. The crosswalk treatments will be designed to maximize pedestrian safety and will include advanced in-street yield to pedestrian markings accompanied by overhead flashing beacons and high visibility markings.

December 11, 2014 - In summer of 2014, PennDOT held a competitive round of 2-years worth of funding. As a result, this project was one of 13 projects across the DVRPC region that received \$430,856 on 11/10/2014 through the statewide TAP program (MPMS #60560) out of the \$7.8 million awarded to the region. Statewide, PennDOT made \$33 million available for 56 projects across the state.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
CON	TAP	431												
		431	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2017-2020			431	Total FY2021-2024				0	Total FY2025-2028			0

MPMS# 104281 *Elkins Park West Commercial District Streetscape*

LIMITS Church Road - Old York Road to Stahr, Elkins Park West Commercial District, Elkins Park, PA 19027

Est Let Date: 6/22/2017

IMPROVEMENT Streetscape

MUNICIPALITIES: Cheltenham Township

FC:

AQ Code:X12

PLAN CENTER:

IPD: 2

PROJECT MANAGER: EE/DVRPC/J. Coscia

CMP:

PennDOT Class: Transportation Enhancement

PennDOT Improvement: Transportation Enhancement

NHPP:

Implement a shovel-ready project to furnish and install sidewalk and crosswalk infrastructure, curb ramps, pedestrian signals and signalization streetscape enhancements, on four main secondary thoroughfares in the commercial core: Old York Rd, Church Rd and Stahr Rds and Old York Road Spur in Elkins Park West, PA 19027.

December 11, 2014 - In summer of 2014, PennDOT held a competitive round of 2-years worth of funding. As a result, this project was one of 13 projects across the DVRPC region that received \$1,000,000 on 11/10/2014 through the statewide TAP program (MPMS #60560) out of the \$7.8 million awarded to the region. Statewide, PennDOT made \$33 million available for 56 projects across the state.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
CON	TOLL													
CON	TAP	1,000												
CON	TOLL													
CON	TAU		430											
		1,000	430	0	0	0	0	0	0	0	0	0	0	
		Total FY2017-2020			1,430	Total FY2021-2024				0	Total FY2025-2028			0

DVRPC FY 2017-2020 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 104282 *Virginia Drive Road Diet and Trail (TAP)*

LIMITS Virginia Drive from west of Camphill Road to Office Center Drive

Est Let Date: 6/22/2017

IMPROVEMENT Bicycle/Pedestrian Improvement

MUNICIPALITIES: Upper Dublin Township

FC:

AQ Code:2020M

PLAN CENTER: Suburban Center

IPD: 1

PROJECT MANAGER: EE/DVRPC/K. Lawrence

CMP:

PennDOT Class: Transportation Enhancement **PennDOT Improvement:** Transportation Enhancement

NHPP:

Funds will provide for the reconstruction of Virginia Drive from west of Camphill Road to Office Center Drive in the Fort Washington Office Park to provide a three lane Road Diet cross section as opposed to the existing four lane section. Removal of the fourth lane allows for construction of a multi-use trail between the Highland and Camphill Athletic Complex and the existing termination point of the multi-use trail on Virginia Drive. This trail construction will cover the 0.5 mile missing section of the regional Cross County trail by linking Virginia Dr. with trails along Camphill Road, Highland Avenue, and the Montgomery County Bike Lane network. Lastly, two undersized culverts will be replaced during roadway reconstruction; the intersection with Camphill Road will be signalized; fence will be installed along Pine Run Creek; and project will include minor drainage elements and minor utility relocation.

Currently, the trail system of Fort Washington Office Park (FWOP) is disjointed; culverts are undersized and roadway geometry is substandard at Camphill Road. This area is routinely flooded, traffic calming is required to control speeding, and bikes and pedestrians lack adequate dedicated areas and safety improvements that are required to address over 130 crashes in the past 20 years.

December 11, 2014 - In summer of 2014, PennDOT held a competitive round of 2-years worth of funding. As a result, this project was one of 13 projects across the DVRPC region that received \$1,000,000 on 11/10/2014 through the statewide TAP program (MPMS #60560) out of the \$7.8 million awarded to the region. Statewide, PennDOT made \$33 million available for 56 projects across the state.

TIP Program Years (\$ 000)

Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
CON	TAP	1,000												
		1,000	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2017-2020			1,000	Total FY2021-2024				0	Total FY2025-2028			0

DVRPC FY 2017-2020 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 104309 *School Zoning Signalization*

LIMITS Walnut St. from West Ave. to Greenwood Ave. and West Ave. from Walnut St. to Florence Ave.

Actl Let Date: 9/29/2016

IMPROVEMENT Bicycle/Pedestrian Improvement

MUNICIPALITIES: Jenkintown Borough

FC:

AQ Code:S7

PLAN CENTER:

IPD:

PROJECT MANAGER: EE/DVRPC/R. Gallagher

CMP:

PennDOT Class: Federal Safe Routes to Schools **PennDOT Improvement:** Federal Safe Routes to Schools

NHPP:

The project will install new school zone lights and provide for the expansion and modernization of an existing school zone. Flashing 15 MPH speed limit signals throughout the designated school zone on Walnut Street will be provided to increase motorists' awareness of the designated school zone in this section of Walnut St. Project will also upgrade existing flashing signals on West Ave. with LED signals will produce a cost savings for the Borough as they will use less energy than the existing signals. These signals are outdated and in need of replacement.

December 11, 2014 - In summer of 2014, PennDOT held a competitive round of 2-years worth of funding. As a result, this project was one of 13 projects across the DVRPC region that received \$90,000 on 11/10/2014 through the statewide TAP program (MPMS #60560) out of the \$7.8 million awarded to the region. Statewide, PennDOT made \$33 million available for 56 projects across the state.

This project is eligible for SRTS funds.

TIP Program Years (\$ 000)

Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
CON	SRTSF	90												
		90	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2017-2020			90	Total FY2021-2024				0	Total FY2025-2028			0

MPMS# 104955 *Troxel/Orvilla Road (SR 1004) Bridge Repair*

Return

LIMITS Bridge over the West branch of Neshaminy Creek

No Let Date

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Hatfield Township

FC:

AQ Code:S19

PLAN CENTER:

IPD:

PROJECT MANAGER: George Dunheimer ADE CONSTR **CMP:**

PennDOT Class: Bridge Restoration

PennDOT Improvement: Bridge Restoration

NHPP:

Troxel/Orvilla Road over the West Branch of the Neshaminy Creek is a stone arch bridge that was closed on March 16, 2015. The proposed scope of work includes reconstruction of the spandrel walls and the wingwalls as needed, excavation and replacement of the arch backfill with lightweight concrete, and the reconstruction of the stone masonry parapets with reinforced concrete cores tied to a full-width moment slab. A moment slab is a type of support for a structure to assure the structure does not rotate. The approach and bridge roadway will be resurfaced and guiderail attachments replaced. The project also includes the installation of scour protection measures. The improvements will strengthen and restore the structure to a non-structurally deficient status.

TIP Program Years (\$ 000)

Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
CON	STU													
		0	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2017-2020			0	Total FY2021-2024				0	Total FY2025-2028			0

DVRPC FY 2017-2020 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 105077 Crawford Rd/Eaglesville Rd and Park Ave Realignment

LIMITS Crawford Rd/Eaglesville Rd and Park Ave

No Let Date

IMPROVEMENT Intersection/Interchange Improvements

MUNICIPALITIES: Lower Providence Township

FC:

AQ Code:2020M

PLAN CENTER:

IPD:

PROJECT MANAGER: AECOM/E. Reagle

CMP:

PennDOT Class: MultiModal

PennDOT Improvement: MultiModal

NHPP:

Funding is provided for the realignment of the Crawford Road and Eagleville Road approaches with Park Avenue including mainline widening and signalization to improve safety, mobility and efficiency for the motoring public in Lower Providence Township.

TIP Program Years (\$ 000)														
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
PE	411	542												
PE	LOC	232												
FD	411	431												
FD	LOC	185												
UTL	411	26												
UTL	LOC	11												
		1,427	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2017-2020			1,427		Total FY2021-2024			0		Total FY2025-2028		0

MPMS# 105134 First Ave Linear Park/Streetscape

LIMITS First Ave in King of Prussia Business Park

Est Let Date: 6/21/2018

IMPROVEMENT Streetscape

MUNICIPALITIES: Upper Merion Township

FC:

AQ Code:A2

PLAN CENTER: Metropolitan Subcenter

IPD: 2

PROJECT MANAGER: HNTB/A. Kim

CMP:

PennDOT Class: MultiModal

PennDOT Improvement: MultiModal

NHPP:

Funding is provided for a linear park streetscape and pedestrian sidepath improvements along First Avenue in the King of Prussia Business Park.

TIP Program Years (\$ 000)														
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
CON	e581	1,200												
		1,200	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2017-2020			1,200		Total FY2021-2024			0		Total FY2025-2028		0

DVRPC FY 2017-2020 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 105665 *Abington Township Traffic Signal LED Upgrades*

New

LIMITS Critical traffic signal intersections in Abington Township, Montgomery County

No Let Date

IMPROVEMENT Signal/ITS Improvements

MUNICIPALITIES: Abington Township

FC:

AQ Code:NRS

PLAN CENTER: Suburban Center; Town Center

IPD: 5

PROJECT MANAGER: Daniel Farley

CMP:

PennDOT Class:

PennDOT Improvement:

NHPP:

Abington Township will be upgrading 20 critical intersection with new highly efficient LED Traffic Signal Bulbs. These bulbs will replace those that were previously installed. Upgrading of degrading LED Traffic Signals on critical corridors. The ones we are proposing to replace were installed 14 years ago and have now reached their life expectancy.

TIP Program Years (\$ 000)														
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
CON	A-073	25												
CON	LOC	25												
		50	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2017-2020			50	Total FY2021-2024				0	Total FY2025-2028			0

MPMS# 105666 *Ashbourne Road and New Second Street*

New

LIMITS The intersection of Ashbourne Road and New Second Street

No Let Date

IMPROVEMENT Signal/ITS Improvements

MUNICIPALITIES: Cheltenham Township

FC:

AQ Code:NRS

PLAN CENTER:

IPD: 4

PROJECT MANAGER: Daniel Farley

CMP:

PennDOT Class:

PennDOT Improvement:

NHPP:

This project involves the replacement of a temporary pedestal pole with a permanent traffic signal mast arm including signals and wiring. The original mast arm was severely damaged when a tree fell on it. The existing pole foundation must be demolished and a new foundation and conduit must be installed. The controller cabinet was also damaged and must be replaced and rewired. In 2012, a tree fell at this intersection. The mast arm and signal was damaged beyond repair and a temporary pedestal pole and signal was installed.

TIP Program Years (\$ 000)														
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
CON	A-073	18												
CON	LOC	19												
		37	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2017-2020			37	Total FY2021-2024				0	Total FY2025-2028			0

DVRPC FY 2017-2020 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 105667 **GPS Time Clock Upgrades - (Cheltenham Twp)** **New**

LIMITS Limekiln Pike / Easton Road Corridor **No Let Date**

IMPROVEMENT Signal/ITS Improvements

MUNICIPALITIES: Cheltenham Township **FC:** **AQ Code:**NRS

PLAN CENTER: Town Center **IPD:** 4

PROJECT MANAGER: Daniel Farley **CMP:**

PennDOT Class: **PennDOT Improvement:** **NHPP:**

This project involves the installation of GPS time clocks at six intersections in the Limekiln Pike / Easton Road corridor to improve the coordination of signals in downtown Glenside. This project could also be coordinated with two signals in Abington Township. The Limekiln Pike corridor between the Arcadia/Mt Airy exit of Route 309 and Glenside is frequently traveled and is often congested, particularly in the area of Glenside Avenue and the three signals between the 309 ramps and Church Road. Township staff and PennDOT review has determined that better coordination of the traffic signals in this corridor will improve the performance of these intersections. PennDOT representatives suggest that the installation of GPS time clocks will help ensure that any retiming efforts for this corridor do not drift and coordination remains in effect. The intersections proposed in this grant will be coordinated with retiming efforts on Easton Road between Glenside Avenue and Royal Avenue, in addition to Limekiln Pike and Willow Grove Avenue and two intersections in Abington (Limekiln/Edge Hill and Limekiln/Mt. Carmel).

TIP Program Years (\$ 000)														
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
CON	A-073	7												
CON	LOC	7												
		14	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2017-2020			14	Total FY2021-2024				0	Total FY2025-2028			0

MPMS# 105668 **In-Sync Integration - (Cheltenham Twp)** **New**

LIMITS Greenwood Ave, Longfellow Ave & Rices Mill Rd with system at Greenwood Ave and Rt 309 **No Let Date**

IMPROVEMENT Signal/ITS Improvements

MUNICIPALITIES: Cheltenham Township **FC:** **AQ Code:**2020M

PLAN CENTER: **IPD:** 4

PROJECT MANAGER: Daniel Farley **CMP:**

PennDOT Class: **PennDOT Improvement:** **NHPP:**

This project involves integration of the intersection at Greenwood Ave, Longfellow Ave and Rices Mill Rd with the In Sync traffic control module at Greenwood Avenue and Route 309/Ogontz Ave to improve traffic flow and safety at both intersections.

TIP Program Years (\$ 000)														
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
CON	A-073	22												
CON	LOC	22												
		44	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2017-2020			44	Total FY2021-2024				0	Total FY2025-2028			0

DVRPC FY 2017-2020 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 105669 *Intersection Upgrades at Arcadia University*

New

LIMITS Intersections of Limekiln Pike & Church Road and Limekiln Pike & Easton Road

No Let Date

IMPROVEMENT Signal/ITS Improvements

MUNICIPALITIES: Cheltenham Township

FC:

AQ Code:S6

PLAN CENTER:

IPD: 4

PROJECT MANAGER: Daniel Farley

CMP:

PennDOT Class:

PennDOT Improvement:

NHPP:

This project involves the upgrade of two intersections to improve pedestrian and ADA accessibility. The improvements at Limekiln Pike and Church Road will address the need for blind pedestrian accommodations, improve ADA compliance of push buttons, and provide signs related to the number of pedestrian crossings at the intersection. The scope includes: additional Type B push button posts in each corner and associated conduit, accessible pedestrian signals, relocation of no turn on red signs and new pedestrian ahead signs for the intersection. At Limekiln Pike and Easton Road, improvements will involve upgrading the current Accessible Pedestrian System (APS) and providing Type B push button posts. These improvements, in conjunction with the work scoped in our grant application to improve the GPS time clocks in the Limekiln Pike/Easton Road corridor, will go a long way to improve pedestrian and vehicular circulation in the area.

TIP Program Years (\$ 000)														
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
CON	A-073	25												
CON	LOC	26												
		51	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2017-2020			51	Total FY2021-2024				0	Total FY2025-2028			0

MPMS# 105670 *Shoppers Lane and Ogontz Avenue*

New

LIMITS Intersection Shoppers Ln with Ogontz Ave, approximately 1,000 ft north of Ogontz Ave & Cheltenham Av

No Let Date

IMPROVEMENT Signal/ITS Improvements

MUNICIPALITIES: Cheltenham Township

FC:

AQ Code:S6

PLAN CENTER:

IPD: 4

PROJECT MANAGER: Daniel Farley

CMP:

PennDOT Class:

PennDOT Improvement:

NHPP:

This project involves the study, development and construction of safety improvements to the intersection of Shoppers Lane and Ogontz Avenue. Drivers making left turns from Shoppers Lane on to Ogontz Avenue, do so from a lane that permits drivers to make left turns or go straight into the shopping center across Ogontz Avenue. Through this grant, the Township seeks to study the intersection, develop an action plan and make improvements to the intersection.

TIP Program Years (\$ 000)														
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
FD	A-073	3												
FD	LOC	2												
CON	A-073	4												
CON	LOC	5												
		14	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2017-2020			14	Total FY2021-2024				0	Total FY2025-2028			0

DVRPC FY 2017-2020 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 105671 *Germantown Pike Fiber ITS Extension*

New

LIMITS Germantown Pike from its current terminus at Potshop Rd to the signalized intersection at Trooper Rd

No Let Date

IMPROVEMENT Signal/ITS Improvements

MUNICIPALITIES: East Norriton Township

FC:

AQ Code:2020M

PLAN CENTER:

IPD: 1

PROJECT MANAGER: Daniel Farley

CMP:

PennDOT Class:

PennDOT Improvement:

NHPP:

This proposal aims to improve safety of the existing transportation system and reduce traffic congestion along Germantown Pike and at its critical intersections by extending the existing fiber optic network along Germantown Pike from its current terminus at Potshop Road to the signalized intersection at Trooper Road in East Norriton Township. Signal equipment improvements will be isolated to the intersection of Germantown Pike and Trooper Road. The project completes the fiber optic backbone along Germantown Pike through the entirety of East Norriton Township from Arch Road to Trooper Road (15 intersections in total) and connects all of those signals to the Transportation Management Center in King of Prussia.

TIP Program Years (\$ 000)														
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
FD	A-073	10												
FD	LOC	10												
CON	A-073	134												
CON	LOC	134												
		288	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2017-2020			288	Total FY2021-2024				0	Total FY2025-2028			0

MPMS# 105672 *Route 113 Corridor*

New

LIMITS The Route 113 Corridor

No Let Date

IMPROVEMENT Signal/ITS Improvements

MUNICIPALITIES: Franconia Township

FC:

AQ Code:NRS

PLAN CENTER:

IPD: 2

PROJECT MANAGER: Daniel Farley

CMP:

PennDOT Class:

PennDOT Improvement:

NHPP:

This project will involve a comprehensive upgrade to the traffic signals along the Route 113 Corridor including the intersections of Allentown Road (SR 1001), Godshall Road, Cowpath Road (SR 1011) and Schoolhouse Road (SR 1007). Traffic flow from the side streets emptying onto Route 113 would be greatly improved by installing a Wavetronix Radar Detection System to these signals, especially during peak hours.

TIP Program Years (\$ 000)														
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
CON	A-073	27												
CON	LOC	28												
		55	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2017-2020			55	Total FY2021-2024				0	Total FY2025-2028			0

DVRPC FY 2017-2020 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 105673 *Byberry Road (SR 2009) & Warminster Road (SR 2040)*

New

LIMITS

No Let Date

IMPROVEMENT Signal/ITS Improvements

MUNICIPALITIES: Hatboro Borough

FC:

AQ Code:R1

PLAN CENTER: Town Center

IPD: 3

PROJECT MANAGER: Daniel Farley

CMP:

PennDOT Class:

PennDOT Improvement:

NHPP:

The project includes the upgrade of the existing signal equipment at the intersection and the re-striping of the northbound approach to a dedicated left and shared through-right lane configuration. The project also involves the installation of an uninterrupted power supply. The existing equipment is outdated at this intersection and does not comply with the Americans with Disabilities Act (ADA) design requirements.

TIP Program Years (\$ 000)															
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028		
FD	A-073	18													
FD	LOC	19													
CON	A-073	137													
CON	LOC	138													
		312	0	0	0	0	0	0	0	0	0	0	0		
Total FY2017-2020		312			Total FY2021-2024				0				Total FY2025-2028		0

MPMS# 105674 *Jacksonville Road (SR 0332) & Montgomery Avenue*

New

LIMITS Intersection of Jacksonville Road and Montgomery Avenue in Hatboro

No Let Date

IMPROVEMENT Signal/ITS Improvements

MUNICIPALITIES: Hatboro Borough

FC:

AQ Code:S6

PLAN CENTER: Town Center

IPD: 3

PROJECT MANAGER: Daniel Farley

CMP:

PennDOT Class:

PennDOT Improvement:

NHPP:

The project includes the upgrade of the existing signal equipment at the intersection and the upgrade of the equipment associated with the adjacent railroad crossing, including the fiber optic signs mounted on the mastarms, the railroad pre-emption system and installation of pedestrian gates at the railroad crossing. The project also involves the installation of an uninterrupted power supply. The existing equipment is outdated at this intersection and is not compliant with the Americans with Disabilities Act (ADA) design requirements. Additionally, the Borough would like to install pedestrian gates at the adjacent at-grade railroad crossing for increased pedestrian safety. Extensive coordination with the adjacent railroad will be required for this project.

TIP Program Years (\$ 000)															
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028		
FD	A-073	74													
FD	LOC	74													
CON	A-073	541													
CON	LOC	541													
		1,230	0	0	0	0	0	0	0	0	0	0	0		
Total FY2017-2020		1,230			Total FY2021-2024				0				Total FY2025-2028		0

DVRPC FY 2017-2020 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 105675 **Lansdale Traffic Signal Modernization**

New

LIMITS 10 intersections within Lansdale Borough

No Let Date

IMPROVEMENT Signal/ITS Improvements

MUNICIPALITIES: Lansdale Borough

FC:

AQ Code:NRS

PLAN CENTER: Suburban Center; Town Center

IPD: 4

PROJECT MANAGER: Daniel Farley

CMP:

PennDOT Class:

PennDOT Improvement:

NHPP:

The objectives of the Lansdale Traffic Signal Modernization Project are to replace incandescent signal indications with energy efficient LEDs, install audible pedestrian signals within the downtown business district, replace failing loop detectors with non-invasive video and radar detection, install emergency vehicle pre-emption at Main & Broad Streets, and provide a connection between Lansdale Borough's signal system and PennDOT's TMC.

TIP Program Years (\$ 000)														
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
PE	A-073	15												
PE	LOC	15												
FD	A-073	9												
FD	LOC	9												
CON	A-073	161												
CON	LOC	161												
		370	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2017-2020			370		Total FY2021-2024			0		Total FY2025-2028		0

MPMS# 105677 **Traffic Signal Modernization**

New

LIMITS Bethlehem Pike and Dager Rd, Tennis Ave and Norristown Rd, Bethlehem Pike and Tennis Rd

No Let Date

IMPROVEMENT Signal/ITS Improvements

MUNICIPALITIES: Lower Gwynedd Township

FC:

AQ Code:NRS

PLAN CENTER:

IPD: 2

PROJECT MANAGER: Daniel Farley

CMP:

PennDOT Class:

PennDOT Improvement:

NHPP:

This project includes the upgrade of traffic signal equipment at three intersections within Lower Gwynedd Township. These intersections include Bethlehem Pike and Dager Road, which lies completely within Lower Gwynedd Township, Tennis Avenue and Norristown Road, which borders Lower Gwynedd Township and Upper Dublin Township, as well as Bethlehem Pike and Tennis Road, which lies on the border of Lower Gwynedd Township, Ambler Borough, and Upper Dublin Township. This upgrade will include new controllers, pedestrian equipment, including push buttons and signal heads with countdown timers, battery backups, and upgrading the LED signal heads at each intersection. Additionally, since ADA curb ramps are not currently provided at the intersection of Bethlehem Pike and Dager Road, provision of ADA curb ramps is also included for that intersection.

TIP Program Years (\$ 000)														
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
FD	A-073	9												
FD	LOC	9												
CON	A-073	123												
CON	LOC	123												
		264	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2017-2020			264		Total FY2021-2024			0		Total FY2025-2028		0

DVRPC FY 2017-2020 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 105678 Lower Merion Township - Phase 1

New

LIMITS Vicinity of Lancaster Avenue and E. Wynnewood Avenue.

No Let Date

IMPROVEMENT Signal/ITS Improvements

MUNICIPALITIES: Lower Merion Township

FC:

AQ Code:2020M

PLAN CENTER: Suburban Center; Town Center

IPD: 4

PROJECT MANAGER: Daniel Farley

CMP:

PennDOT Class:

PennDOT Improvement:

NHPP:

The Township desires to add three (3) adaptive signal installations to a system of three (3) adaptive signals, bringing the total system to six (6) intersections. The adaptive operation in this area is required to facilitate the safe and efficient flow of traffic through a constrained roadway network. Additionally, the township will upgrade failed vehicle detection at number of signalized intersections to video detection. This modification will restore actuated operation to these locations, yielding significant reduction in delay and queueing during peak and off-peak hours. The township will replace a large number of failed communication switches that were originally installed by a PennDOT signal interconnect project, which will restore communications between the PennDOT District 6-0 Regional Traffic Management Center (RTMC) and the Township's signal systems along Lancaster Avenue (SR 0030), Conshohocken State Road (SR 0023), and Montgomery Avenue.

TIP Program Years (\$ 000)														
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
FD	A-073	35												
FD	LOC	35												
CON	A-073	469												
CON	LOC	469												
		1,008	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2017-2020			1,008		Total FY2021-2024			0		Total FY2025-2028		0

MPMS# 105679 S.R.232 and S.R.2009 Emergency Preemption

New

LIMITS Various locations, see description

No Let Date

IMPROVEMENT Signal/ITS Improvements

MUNICIPALITIES: Lower Moreland Township

FC:

AQ Code:S6

PLAN CENTER:

IPD: 4

PROJECT MANAGER: Daniel Farley

CMP:

PennDOT Class:

PennDOT Improvement:

NHPP:

In an effort to reduce emergency response times and enhance traffic safety, Lower Moreland Township would like to install emergency preemption devices at the following intersections: Huntingdon Pike and Welsh Road, Huntingdon Pike and Red Lion Road, Huntingdon Pike and Byberry Road, Byberry Road and Pine Road, Byberry Road and Buck Road.

TIP Program Years (\$ 000)														
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
FD	A-073	2												
FD	LOC	3												
CON	A-073	30												
CON	LOC	30												
		65	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2017-2020			65		Total FY2021-2024			0		Total FY2025-2028		0

DVRPC FY 2017-2020 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 105680 LED PROJECT AT SURREY LANE & EGYPT ROAD

New

LIMITS EGYPT ROAD & SURREY LANE NEAR RT 422 ON AND OFF RAMPS.

No Let Date

IMPROVEMENT Signal/ITS Improvements

MUNICIPALITIES: Lower Providence Township

FC:

AQ Code:NRS

PLAN CENTER:

IPD: 1

PROJECT MANAGER: Daniel Farley

CMP:

PennDOT Class:

PennDOT Improvement:

NHPP:

This project will replace the traffics lights with LEDs.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
CON	A-073	1												
CON	LOC	1												
		2	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2017-2020			2	Total FY2021-2024				0	Total FY2025-2028			0

MPMS# 105681 Lower Salford Township Traffic Signal LED Upgrades

New

LIMITS 5 intersection locations along S.R. 0063 (Main St) within the township

No Let Date

IMPROVEMENT Signal/ITS Improvements

MUNICIPALITIES: Lower Salford Township

FC:

AQ Code:NRS

PLAN CENTER: Rural Center

IPD: 1

PROJECT MANAGER: Daniel Farley

CMP:

PennDOT Class:

PennDOT Improvement:

NHPP:

The proposed project will replace existing, aged LED bulbs at five of the eleven signalized intersections located along S.R. 0063 (Main St.) within Lower Salford Township. The five intersections selected as part of this project have not been upgraded in some time and have some of the oldest traffic signal equipment in the Township. The LED traffic signals installed at these intersections are all over 10 years of age. The age of these lenses have exceeded their standard life expectancy and are overdue for replacement. Studies indicate that LED lenses have an increased probability of failure and are subject to a degradation in intensity over time, sometimes falling below the ITE thresholds.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
FD	A-073	1												
FD	LOC	1												
CON	A-073	8												
CON	LOC	9												
		19	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2017-2020			19	Total FY2021-2024				0	Total FY2025-2028			0

DVRPC FY 2017-2020 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 105682 Lower Salford Township Traffic Signal Maintenance

New

LIMITS S.R. 0063 (Main St/Sumneytown Pike), S.R. 0113 (Harleysville Pike), and S.R. 1058 (Wambold Road)

No Let Date

IMPROVEMENT Signal/ITS Improvements

MUNICIPALITIES: Lower Salford Township

FC:

AQ Code:NRS

PLAN CENTER: Rural Center

IPD: 1

PROJECT MANAGER: Daniel Farley

CMP:

PennDOT Class:

PennDOT Improvement:

NHPP:

This project includes the annual maintenance of the traffic signals within Lower Salford Township located along S.R. 0063 (Main St/Sumneytown Pike), S.R. 0113 (Harleysville Pike), and S.R. 1058 (Wambold Road). The existing problem that this project will address would be to assist the Township in funding the ongoing preventive maintenance and response maintenance for the traffic signals within the boundaries of Lower Salford Township. This is an ongoing process that will keep the traffic signal equipment on the street operating as needed to serve the dual purpose of extending the life of the equipment and keeping the motoring public safe.

TIP Program Years (\$ 000)															
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028		
CON	A-073	8													
CON	LOC	8													
		16	0	0	0	0	0	0	0	0	0	0	0		
Total FY2017-2020		16			Total FY2021-2024				0				Total FY2025-2028		0

MPMS# 105683 New Hanover Township - LED Upgrades

New

LIMITS North Charlotte Street (S.R. 0633) and Swamp Pike

No Let Date

IMPROVEMENT Signal/ITS Improvements

MUNICIPALITIES: New Hanover Township

FC:

AQ Code:NRS

PLAN CENTER:

IPD: 0

PROJECT MANAGER: Daniel Farley

CMP:

PennDOT Class:

PennDOT Improvement:

NHPP:

This project proposes to upgrade the existing incandescent lenses to LED lenses at the intersection of North Charlotte Street (S.R. 0633) and Swamp Pike. The signalized intersection of North Charlotte Street and Swamp pike is currently utilizing a majority of incandescent traffic signal lenses. Incandescent bulbs draw significantly more power and have a shorter life expectancy than LED lenses. The Township is proposing to replace the existing incandescent lenses with LED lenses.

TIP Program Years (\$ 000)															
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028		
CON	A-073	3													
CON	LOC	3													
		6	0	0	0	0	0	0	0	0	0	0	0		
Total FY2017-2020		6			Total FY2021-2024				0				Total FY2025-2028		0

DVRPC FY 2017-2020 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 105684 *New Hanover Township Signal Maintenance*

New

LIMITS Various intersection, see description

No Let Date

IMPROVEMENT Signal/ITS Improvements

MUNICIPALITIES: New Hanover Township

FC:

AQ Code:NRS

PLAN CENTER:

IPD: 1

PROJECT MANAGER: Daniel Farley

CMP:

PennDOT Class:

PennDOT Improvement:

NHPP:

Signal maintenance activities associated with four signals located along designated corridors in New Hanover Township. The routine maintenance activities will provide for continued functionality and compliance with the current signal permits.

The project is located in New Hanover Twp and includes the following intersections located along designated corridors: N Charlotte St/Swamp Pike, Layfield Rd/Hoffmansville Road, Big Road/New Hanover Square Road, and N Charlotte Street/Buchert Road.

TIP Program Years (\$ 000)														
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
CON	A-073	3												
CON	LOC	4												
		7	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2017-2020			7	Total FY2021-2024				0	Total FY2025-2028			0

MPMS# 105685 *Royersford Borough Traffic Signal Modernization*

New

LIMITS Intersection of Main Street & 4th Street Intersection of Main Street & 5th Street

No Let Date

IMPROVEMENT Signal/ITS Improvements

MUNICIPALITIES: Royersford Borough

FC:

AQ Code:NRS

PLAN CENTER: Town Center

IPD: 1

PROJECT MANAGER: Daniel Farley

CMP:

PennDOT Class:

PennDOT Improvement:

NHPP:

The Borough desires to modernize two (2) antiquated signalized intersections to meet current standards along Main Street, which carries an ADT of approximately 13,000-15,000 vehicles. Work will include new mastarms, overhead signal heads, pedestrian signal heads with APS, and video vehicular detection. The project locations are currently utilizing antiquated signal equipment and structures, and are operating in a fixed-time mode, which results in unnecessary delay to pedestrian and vehicle traffic. The proposed project will upgrade both the physical equipment, and improve the safety and efficiency of the operation by implementing new traffic signal structures (mastarms), LED signal heads, hand/man pedestrian signal heads with countdown timers, and video detection to facilitate actuated operation.

TIP Program Years (\$ 000)														
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
FD	A-073	16												
FD	LOC	16												
CON	A-073	217												
CON	LOC	217												
		466	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2017-2020			466	Total FY2021-2024				0	Total FY2025-2028			0

DVRPC FY 2017-2020 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 105686 *Allentown Road and Fretz Road/Derstine Road* **New**

LIMITS The Allentown Road (SR 1001) and Fretz Road/Derstine Road No Let Date

IMPROVEMENT Signal/ITS Improvements

MUNICIPALITIES: Towamencin Township **FC:** AQ Code:NRS

PLAN CENTER: IPD: 2

PROJECT MANAGER: Daniel Farley **CMP:**

PennDOT Class: **PennDOT Improvement:** NHPP:

This project consist of modernization of the exiting traffic signal equipment by replacing the existing pole mounted traffic controller assembly with a new base mount traffic signal controller assembly, with uninterruptable power supply and emergency backup generator plug. Replace the existing vehicle loop detectors with video detectors and dilemma zone detection. Optimize the traffic signal operation timing, phasing and time of day operation. The Allentown Road (SR 1001) and Fretz Road/Derstine Road traffic signal is one of the oldest installations in Towamencin Township. It was installed in 1992 and has not seen any major upgrades. This signal has experienced loop detection failures that require the signal to cycle to the side streets even if there are no vehicles present, causes traffic back-ups and congestion on the Allentown Road. The loop detector failures not only impact the operation of the traffic signal and traffic flow but also add to the township's annual maintenance expenses. This intersection also has no back-up power source or ability to run an emergency back-up generator, which leaves the signal inoperable during power outages posing a hazard to motorists traveling through the intersection.

TIP Program Years (\$ 000)														
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
PE	A-073	3												
PE	LOC	4												
CON	A-073	49												
CON	LOC	48												
		104	0	0	0	0	0	0	0	0	0	0	0	
Total FY2017-2020		104			Total FY2021-2024				0	Total FY2025-2028				0

MPMS# 105687 *Limekiln Pike and Dillon Road/Meetinghouse Road* **New**

LIMITS Intersection of Limekiln Pike and Dillon Road/Meetinghouse Road No Let Date

IMPROVEMENT Signal/ITS Improvements

MUNICIPALITIES: Upper Dublin Township **FC:** AQ Code:NRS

PLAN CENTER: IPD: 1

PROJECT MANAGER: Daniel Farley **CMP:**

PennDOT Class: **PennDOT Improvement:** NHPP:

The project proposes to install video detection, radar dilemma zone detection, base mounted controller cabinet with UPS, and LED Signal replacement. The intersection currently has inductive loops which require replacement and the LED signal indications are currently near the end of their life cycle.

TIP Program Years (\$ 000)														
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
FD	A-073	4												
FD	LOC	3												
CON	A-073	49												
CON	LOC	49												
		105	0	0	0	0	0	0	0	0	0	0	0	
Total FY2017-2020		105			Total FY2021-2024				0	Total FY2025-2028				0

DVRPC FY 2017-2020 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 105688 *Pennsylvania Avenue Adaptive Signal Control System*

New

LIMITS PA Turnpike to Bethlehem Pike, including intersections along the Lafayette Connector Road

No Let Date

IMPROVEMENT Signal/ITS Improvements

MUNICIPALITIES: Upper Dublin Township; Whitemarsh Township

FC:

AQ Code:2020M

PLAN CENTER: Suburban Center

IPD: 2

PROJECT MANAGER: Daniel Farley

CMP:

PennDOT Class:

PennDOT Improvement:

NHPP:

The project includes the installation of an Adaptive Signal Control Technology for six intersections within Upper Dublin and Whitemarsh Townships. The existing interconnected signal system experiences fluctuations in traffic due to the proximity of the PA Turnpike, Regional Rail Station and Fort Washington Office/Industrial Park.

TIP Program Years (\$ 000)														
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
PE	A-073	10												
PE	LOC	10												
FD	A-073	12												
FD	LOC	12												
CON	A-073	299												
CON	LOC	300												
		643	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2017-2020			643	Total FY2021-2024				0	Total FY2025-2028			0

MPMS# 105689 *Susquehanna Road Traffic Signal Upgrades*

New

LIMITS Susquehanna Road (S.R. 2017) between Camp Hill Road and Butler Pike

No Let Date

IMPROVEMENT Signal/ITS Improvements

MUNICIPALITIES: Upper Dublin Township

FC:

AQ Code:NRS

PLAN CENTER:

IPD:

PROJECT MANAGER: Daniel Farley

CMP:

PennDOT Class:

PennDOT Improvement:

NHPP:

The project proposes to replace existing inductance loops with video detection, replace LED signal indications, and install countdown pedestrian signal heads at five intersections along Susquehanna Road. These intersections currently have inductance which require replacement due to the heavy traffic along the roadways. Also, the existing signal heads have LED's which are approaching or have passed their anticipated life cycle and there are 8" signal heads for pedestrians. There are also left turn movements that meet or are close to meeting warrants for left turn advance phases.

TIP Program Years (\$ 000)														
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
FD	A-073	6												
FD	LOC	6												
CON	A-073	84												
CON	LOC	84												
		180	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2017-2020			180	Total FY2021-2024				0	Total FY2025-2028			0

DVRPC FY 2017-2020 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 105690 Video Detection Upgrades - (Upper Moreland Twp)

New

LIMITS Easton Road and Blair Mill Road, Easton Road and Fitzwatertown Road

No Let Date

IMPROVEMENT Signal/ITS Improvements

MUNICIPALITIES: Upper Moreland Township

FC:

AQ Code:NRS

PLAN CENTER: Suburban Center

IPD: 3

PROJECT MANAGER: Daniel Farley

CMP:

PennDOT Class:

PennDOT Improvement:

NHPP:

The project proposes to replace the existing inductance loops with video detection at two major intersections in the township. The intersections currently have inductance loops which require constant replacement due to heavy truck traffic.

TIP Program Years (\$ 000)															
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028		
FD	A-073	3													
FD	LOC	2													
CON	A-073	33													
CON	LOC	32													
		70	0	0	0	0	0	0	0	0	0	0	0		
Total FY2017-2020		70			Total FY2021-2024				0				Total FY2025-2028		0

MPMS# 105691 LED Signal Upgrade - (Upper Providence Twp)

New

LIMITS All signalized intersections along state hwy's w/in Upper Providence that have not been upgraded

No Let Date

IMPROVEMENT Signal/ITS Improvements

MUNICIPALITIES: Upper Providence Township

FC:

AQ Code:NRS

PLAN CENTER: Suburban Center

IPD: 1

PROJECT MANAGER: Daniel Farley

CMP:

PennDOT Class:

PennDOT Improvement:

NHPP:

This project includes the upgrade of LED signal heads along all of the intersections along state highways within Upper Providence Township, with the exception of some intersections along Egypt Road, which have recently been upgraded as part of a development project. Upper Providence Township installed LED signal heads throughout the Township over several years, with the final installation occurring more than five years ago. These were first generation LED signals and some of the individual pixels within several of the signal heads are no longer working properly, which reduces the visibility of the overall signal head. The overall life expectancy of these first-generation signals is five to seven years old, which indicates that the currently installed LED heads are approaching the end of their useful life. It is time to upgrade the previously installed LED signals. The Township would like to upgrade the LED heads throughout the Township to improve their visibility.

TIP Program Years (\$ 000)															
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028		
FD	A-073	3													
FD	LOC	3													
CON	A-073	43													
CON	LOC	43													
		92	0	0	0	0	0	0	0	0	0	0	0		
Total FY2017-2020		92			Total FY2021-2024				0				Total FY2025-2028		0

DVRPC FY 2017-2020 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 105692 *Intersection Improvements SR 3014 & SR 3003* **New**

LIMITS The intersection of Joshua Rd (SR3014) and Stenton Avenue (SR3003) No Let Date

IMPROVEMENT Signal/ITS Improvements

MUNICIPALITIES: Whitmarsh Township **FC:** AQ Code:R1

PLAN CENTER: IPD: 1

PROJECT MANAGER: Daniel Farley

CMP:

PennDOT Class:

PennDOT Improvement:

NHPP:

Intersection will be widened to provide separate left turn lanes on all four approaches with complete replacement, modernization, and upgrade of all traffic signal hardware and equipment. Whitmarsh Township is proposing the improvements in accordance with a Settlement Agreement between Highway Materials Inc. and Whitmarsh Township et al in MCCCCP Docket No. 09-41816, related to the "Creekside Commons" Development on Stenton Avenue. The proposed improvements are in accordance with a PennDOT approved Traffic Impact Study for the "Creekside Commons" Development.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
CON	A-073	594												
CON	LOC	593												
		1,187	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2017-2020			1,187	Total FY2021-2024				0	Total FY2025-2028			0

MPMS# 105693 *LED Conversion for Five Intersections - (Whitpain Twp)* **New**

LIMITS At various intersections, see description No Let Date

IMPROVEMENT Signal/ITS Improvements

MUNICIPALITIES: Whitpain Township **FC:** AQ Code:NRS

PLAN CENTER: Suburban Center IPD: 1

PROJECT MANAGER: Daniel Farley

CMP:

PennDOT Class:

PennDOT Improvement:

NHPP:

Whitpain Township would like to convert all existing incandescent traffic signal bulbs to LED bulbs at five (5) intersections within the Township. The intersections combined contain a total of 134 lamps (43 signal heads). The signal heads currently use incandescent bulbs.

The intersections for the desired improvements are located at Morris Road & School Road, Morris Road & Tournament Drive, Skippack Pike & Union Meeting Road, Skippack Pike & Walton Road, and Butler Pike & Norristown Road.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
FD	A-073	1												
FD	LOC	1												
CON	A-073	13												
CON	LOC	14												
		29	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2017-2020			29	Total FY2021-2024				0	Total FY2025-2028			0

DVRPC FY 2017-2020 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 105694 Traffic Signal Maintenance - (Worcester Twp)

New

LIMITS

No Let Date

IMPROVEMENT Signal/ITS Improvements

MUNICIPALITIES: Worcester Township

FC:

AQ Code:NRS

PLAN CENTER:

IPD: 1

PROJECT MANAGER: Daniel Farley

CMP:

PennDOT Class:

PennDOT Improvement:

NHPP:

This project includes the annual maintenance of the traffic signals located along the state highways within Worcester Township. The existing problem that this project will address would be to assist the Township in funding the ongoing preventive maintenance and response maintenance for the traffic signals within the boundaries of Worcester Township. This is an ongoing process that will keep the traffic signal equipment on the street operating as needed to serve the dual purpose of extending the life of the equipment and keeping the motoring public safe.

TIP Program Years (\$ 000)														
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
CON	A-073	5												
CON	LOC	5												
		10	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2017-2020			10	Total FY2021-2024				0	Total FY2025-2028			0

MPMS# 105803 PA 309 Connector: Souderton Pike to PA 309 (HT3)

New-B

LIMITS Souderton Pike to PA 309

No Let Date

IMPROVEMENT Roadway New Capacity

MRPID:57

MUNICIPALITIES: Hilltown Township; Franconia Township; Hatfield Township

FC:

AQ Code:2035M

PLAN CENTER:

IPD: 2

PROJECT MANAGER: TSS/P. Berthold

CMP:

PennDOT Class:

PennDOT Improvement:

NHPP:

The PA 63/PA 309 Connector Project is intended to create an improved connection between PA 63 (near the Lansdale Interchange of I-476) and PA 309 (near the southern terminus of the Sellersville Bypass) in Bucks County. Phase 1, which created a bypass around Mainland village in Montgomery County and reconstructed/widened Wambold Road from PA 63 (Sumneytown Pike) to Allentown Road, was carried under MPMS #16438. Phase 2 is listed under MPMS #77211 and will extend Wambold Rd. on a new alignment and upgrade a portion of Township Line Rd.

Phase 3 will reconstruct and widen Township Line Rd between Souderton Pike and County Line Road and improve the connection to PA 309. This is a breakout of Phase 2.

TIP Program Years (\$ 000)														
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
FD	STU													
FD	TOLL									3,461				
ROW	STU												23,497	
ROW	581												5,874	
UTL	581												2,937	
CON	STU												3,013	
CON	NHPP												12,159	
CON	581												4,993	
		0	0	0	0	0	0	0	0	0	3,461	0	52,473	
		Total FY2017-2020			0	Total FY2021-2024				0	Total FY2025-2028			55,934

DVRPC FY 2017-2020 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 106068 *Barbadoes Street Connector Road*

New-B

LIMITS Between Lafayette Street and Washington Street

Est Let Date: 4/20/2018

IMPROVEMENT

MUNICIPALITIES: Norristown Borough

FC:

AQ Code:NRS

PLAN CENTER:

IPD:

PROJECT MANAGER: EE/J. Brown

CMP:

PennDOT Class:

PennDOT Improvement:

NHPP:

Provide a new extension of Barbadoes Street between Lafayette Street and Washington Street to provide an eastern connection to Water Street and alleviate truck turning conflicts at the intersection of Water Street and Main Street. Project is a breakout from MPMS# 80021, SR 3020 Sec 510, Markley Street South.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
CON	NHPP	5,365												
CON	581	1,341												
		6,706	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2017-2020			6,706	Total FY2021-2024				0	Total FY2025-2028			0

MPMS# 106326 *Union Street Grade X-ing*

New

LIMITS Between Penn St and Maple Avenue

No Let Date

IMPROVEMENT Intersection/Interchange Improvements

MUNICIPALITIES: Hatfield Borough

FC:

AQ Code:S8

PLAN CENTER:

IPD: 1

PROJECT MANAGER: MAL/ M. Lang

CMP:

PennDOT Class:

PennDOT Improvement:

NHPP:

Installation of railroad warning devices.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
CON	RRX				208									
		0	0	0	208	0	0	0	0	0	0	0	0	
		Total FY2017-2020			208	Total FY2021-2024				0	Total FY2025-2028			0

DVRPC FY 2017-2020 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 107126 US 202-610 TSM Improvements

New-B

LIMITS Township Line Rd and Arch Rd, Township Line Rd and North Wales Rd

Est Let Date: 11/2/2017

IMPROVEMENT Roadway New Capacity

MRPID:56

MUNICIPALITIES: East Norriton Township; Plymouth Township; Whitpain Township; Wo FC:

AQ Code:R2

PLAN CENTER:

IPD: 1

PROJECT MANAGER: TSS/M. Fausto

CMP:

PennDOT Class:

PennDOT Improvement:

NHPP: N

Intersection improvements at two intersections as follows:

1)Township Line Rd. (SR 3001) and Arch Rd. (T-367): proposed work includes widening of the western approach of Township Line Rd. to provide a dedicated right turn lane, widening of Arch Rd. to provide left turn lanes on both approaches, install new signals and ADA compliant pedestrian facilities, new pavement markings, update signing and drainage within the project limits.

2)Township Line Rd. (SR 3001) and North Wales Rd. (T-377): proposed work includes widening of Township Line Rd. to provide left turn lanes on both approaches, install new signals and ADA compliant pedestrian facilities, new pavement markings, update signing and drainage within the project limits.

This project is a construction breakout from MPMS# 50364 (Section 610). Pre-construction phases were advanced under MPMS# 50364 for FD phase, and MPMS 63490(Section 61N) for ROW and UTL phases.

TIP Program Years (\$ 000)

Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
CON	STP	2,400												
CON	581	600												
CON	STU		1,299											
CON	581		403											
		3,000	1,702	0	0	0	0	0	0	0	0	0	0	
		Total FY2017-2020			4,702		Total FY2021-2024			0		Total FY2025-2028		0

MPMS# 107179 Fort Washington Office Park, Cross County Trail Final Segment (TAP)

New

LIMITS Western Access Drive of 1100 Virginia Drive to Susquehanna Road

No Let Date

IMPROVEMENT Bicycle/Pedestrian Improvement

MUNICIPALITIES: Upper Dublin Township

FC:

AQ Code:A2

PLAN CENTER: Suburban Center

IPD: 1

PROJECT MANAGER: EE/DVRPC/R. Gallagher

CMP:

PennDOT Class:

PennDOT Improvement:

NHPP:

This project will construct the final 0.65 mile missing segment of the Cross County Trail along the north side of Virginia Drive as a Bicycle/Pedestrian facility with a 10' to 12' wide asphalt surface from the Western Access Drive of 1100 Virginia Drive to Susquehanna Road. Three signalized intersections will be modified to include new ADA ramps for the trail crossings and updated pedestrian signal equipment.

Project was awarded \$750,000 regional TAP (TAU) funds from the 2016 TAP round, which was approved by the March 24, 2016 DVRPC Board. Approximately \$7.6 million was available for the five-county Southeastern Pennsylvania region.

TIP Program Years (\$ 000)

Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
CON	TAU	0	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2017-2020			0		Total FY2021-2024			0		Total FY2025-2028		0

DVRPC FY 2017-2020 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 107180 *Powerline Trail Connection - Phase 1 (TAP)*

New

LIMITS US 202 Parkway Trail with the Township Building and Community and Recreation Center

No Let Date

IMPROVEMENT Bicycle/Pedestrian Improvement

MUNICIPALITIES: Montgomery Township

FC:

AQ Code:A2

PLAN CENTER:

IPD: 1

PROJECT MANAGER: EE/DVRPC/K. Lawrence

CMP:

PennDOT Class:

PennDOT Improvement:

NHPP:

Phase 1 of the Powerline Trail is a 10 foot multi-use trail connecting an existing and heavily used US 202 Parkway Trail with the Township Building as well as the Township's newly constructed Community and Recreation Center. This trail is a Primary Trail in "The Circuit." This will not only connect one of the region's spine trail corridors with the community center, it will also improve safety at several major road crossings for trail users. Important destinations exist along the proposed route including the Montgomery Township Municipal Building and the Montgomery Township Police Department. It will provide a first class multi-use trail to a large concentration of Montgomery Township's population connecting the new Township's Community & Recreation Center as well as the US 202 Parkway Trail.

Project was awarded \$850,000 regional TAP (TAU) funds from the 2016 TAP round, which was approved by the March 24, 2016 DVRPC Board. Approximately \$7.6 million was available for the five-county Southeastern Pennsylvania region.

TIP Program Years (\$ 000)													
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028
CON	TAU												
		0	0	0	0	0	0	0	0	0	0	0	0
		Total FY2017-2020			0	Total FY2021-2024			0	Total FY2025-2028			0

MPMS# 107455 *Abington Township - 2015 ARLE (ARLE 6)*

New

LIMITS

No Let Date

IMPROVEMENT Signal/ITS Improvements

MUNICIPALITIES: Abington Township

FC:

AQ Code:R1

PLAN CENTER:

IPD: 2

PROJECT MANAGER: Valerie Temino

CMP:

PennDOT Class:

PennDOT Improvement:

NHPP:

The Township has identified this intersection in the past for an upgrade to improve the traffic signal equipment while addressing the pedestrian accommodations and has developed a conceptual improvement plan (attached). The improvement plan consists of the following:

- * Installation of a channelization island on the NW corner of the intersection.
- * Installation of a Bump-out on the SE corner of the intersection
- * Installation of pavement markings within the intersection to guide motorists along Mt. Carmel Avenue.
- * Installation of pedestrian crossings and ADA compliant curb ramps
- * Installation of new traffic equipment, including video detection and overhead street name signs.

TIP Program Years (\$ 000)													
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028
CON	244												
		264											
		264	0	0	0	0	0	0	0	0	0	0	0
		Total FY2017-2020			264	Total FY2021-2024			0	Total FY2025-2028			0

DVRPC FY 2017-2020 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 107456 *Cheltenham Township - 2015 ARLE (ARLE 6)*

New

LIMITS Intersection of Glenside Avenue and Rices Mill Road

No Let Date

IMPROVEMENT Signal/ITS Improvements

MUNICIPALITIES: Cheltenham Township

FC:

AQ Code:S6

PLAN CENTER: Town Center

IPD: 1

PROJECT MANAGER: Valerie Temino

CMP:

PennDOT Class:

PennDOT Improvement:

NHPP:

Cheltenham Township is applying for an ARLE grant in the amount of \$83,597 for a \$98,350 project to make pedestrian improvements at the intersection of Glenside Avenue and Rices Mill Road. The project will include design and installation of the improvements, to include the upgrade of ADA ramps, installation of crosswalks, and installation of pedestrian signals.

Cheltenham Township is pursuing the project at the request of local residents who desire a safe way to cross the intersection to access the recreational, commercial and other neighborhood attractions in the immediate area. Due to the geometry of the intersection and lack of pedestrian facilities, crossing this intersection on foot is not safe. The Township completed a study of this intersection through the Local Safe Roads Communities Program, which confirmed that this intersection does have safety issues when it comes to pedestrian accessibility, and recommends improvements to the pedestrian facilities at this intersection.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
CON	244	84												
		84	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2017-2020			84	Total FY2021-2024				0	Total FY2025-2028			0

MPMS# 107457 *Limerick Township - 2015 ARLE (ARLE 6)*

New

LIMITS Lewis Road (SR 4013)

No Let Date

IMPROVEMENT Signal/ITS Improvements

MUNICIPALITIES: Limerick Township

FC:

AQ Code:NRS

PLAN CENTER:

IPD: 0

PROJECT MANAGER: Valerie Temino

CMP:

PennDOT Class:

PennDOT Improvement:

NHPP:

The scope of the project includes the development of new timing plans, consistent with peak school arrival and dismissal times as well as peak commuter time period. Additionally, incorporate this traffic signal into the existing nearby traffic signal system to provide a better coordinated flow of traffic between the intersections.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
CON	244	16												
		16	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2017-2020			16	Total FY2021-2024				0	Total FY2025-2028			0

DVRPC FY 2017-2020 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 107633 *Plymouth Township CNG*

New

LIMITS Plymouth Township

No Let Date

IMPROVEMENT

MUNICIPALITIES: Plymouth Township

FC:

PLAN CENTER:

IPD:

PROJECT MANAGER: EE/DVRPC/J.Banks

CMP:

PennDOT Class:

PennDOT Improvement:

NHPP:

Purchase 4 CNG vehicles (2 trash trucks, 2 snow plows). Vehicles will refuel at the PECO station in Plymouth Township.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
CON	TOLL													
CON	CAQ	516												
		516	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2017-2020			516	Total FY2021-2024				0	Total FY2025-2028			0

MPMS# 107640 *Route 463 Traffic Signal System Project*

New

LIMITS PA 463 in Hatfield Township from Clemens Road to Forty Foot Road to Cowpath Road and Line Street

No Let Date

IMPROVEMENT Signal/ITS Improvements

MUNICIPALITIES: Hatfield Township

FC:

AQ Code:2020M

PLAN CENTER:

IPD:

PROJECT MANAGER: HNTB/N.Velaga

CMP:

PennDOT Class:

PennDOT Improvement:

NHPP:

This project will install an automated signal system at 11 intersections on PA Route 463 in Hatfield Township from Clemens Road to Forty Foot Road to Cowpath Road and Line Street. The system will connect with PennDOT TMS at PA 63.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
CON	TOLL													
CON	CAQ		916											
		0	916	0	0	0	0	0	0	0	0	0	0	
		Total FY2017-2020			916	Total FY2021-2024				0	Total FY2025-2028			0

DVRPC FY 2017-2020 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 107644 *Fayette Street Signal Interconnection Project, Phase 2*

New

LIMITS Elm Street to 11th Avenue

No Let Date

IMPROVEMENT Signal/ITS Improvements

MUNICIPALITIES: Conshohocken Borough

FC:

AQ Code:2020M

PLAN CENTER:

IPD:

PROJECT MANAGER: HNTB/N.Velaga

CMP:

PennDOT Class:

PennDOT Improvement:

NHPP:

Phase 2 of the Fayette Street Traffic Signal Interconnection Project includes replacement of the complete traffic signal systems at the intersections of Fayette Street with 3rd Avenue, 9th Avenue, and 11th Avenue, as well as the installation of adaptive traffic signal systems at the intersections of Fayette Street and Elm Street, Fayette Street and First Avenue, Elm Street and Harry Street, and Elm Street and Oak Street.

Phase 1 of this effort (MPMS #96218) interconnected the existing traffic signals along Fayette Street with aerial fiber-optic cable and established communication with the PennDOT District 6-0 Regional Traffic Management Center (RTMC).

		TIP Program Years (\$ 000)												
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
CON	TOLL													
CON	CAQ		800											
		0	800	0	0	0	0	0	0	0	0	0	0	
		Total FY2017-2020			800	Total FY2021-2024				0	Total FY2025-2028			0

MPMS# 107697 *Balligomingo Road Restoration*

New

LIMITS Portland Rd and the I-76 overpass

Est Let Date: 1/11/2018

IMPROVEMENT Roadway Rehabilitation

MUNICIPALITIES: West Conshohocken Borough

FC:

AQ Code:S10

PLAN CENTER:

IPD:

PROJECT MANAGER: HNTB/N.Velaga

CMP:

PennDOT Class:

PennDOT Improvement:

NHPP:

In June of 2015, heavy rains resulted in failure of the slope adjacent to Balligomingo Road (SR 3037) between Portland Road and the I-476 overpass. This resulted in the closure of Balligomingo Road to through traffic as debris and mud washed onto the roadway. Due to concerns over the stability of the slope, the road remains closed. This project will stabilize the slope adjacent to the roadway and will allow the roadway to be reopened. The CON phase will include development of the final design and construction of a retaining wall, slope stabilization measures, and drainage improvements.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
PE	STU	200												
PE	581	50												
CON	TOLL													
CON	STU	1,925												
		2,175	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2017-2020			2,175	Total FY2021-2024				0	Total FY2025-2028			0

DVRPC FY 2017-2020 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 107824 *Bethayres Streetscape Plan (MTF)*

New

LIMITS Huntingdon Pike

No Let Date

IMPROVEMENT Streetscape

MUNICIPALITIES: Lower Moreland Township

FC:

AQ Code:A2

PLAN CENTER:

IPD:

PROJECT MANAGER: AECOM/A. Kim

CMP:

PennDOT Class:

PennDOT Improvement:

NHPP:

The streetscape plan will support walkability along Huntingdon Pike, promote economic revitalization, provide children access to safer routes to school, increase connectivity to public transportation hubs and access to neighboring communities.

TIP Program Years (\$ 000)														
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
FD	411	30												
FD	LOC	46												
CON	411	179												
CON	LOC	78												
		333	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2017-2020			333		Total FY2021-2024			0		Total FY2025-2028		0

MPMS# 107825 *Old York-Susquehanna Rd Intersection (MTF)*

New

LIMITS Old York Rd (PA 611) and Susquehanna Rd

No Let Date

IMPROVEMENT Intersection/Interchange Improvements

MUNICIPALITIES: Abington Township

FC:

AQ Code:A2

PLAN CENTER:

IPD:

PROJECT MANAGER: AECOM/A. Kim

CMP:

PennDOT Class:

PennDOT Improvement:

NHPP:

The scope of this project includes improvements to the intersection of Old York Road (PA 611) and Susquehanna Roads, including realigning the intersection, increasing the turning radii, adding a turning lane, upgrading traffic signals, and improving access to businesses on the northwestern corner of the intersection.

TIP Program Years (\$ 000)														
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
CON	411	588												
		588	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2017-2020			588		Total FY2021-2024			0		Total FY2025-2028		0

DVRPC FY 2017-2020 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 107996 *Abington Township Trail (TAP)*

New

LIMITS Abington Township

Est Let Date: 10/18/2018

IMPROVEMENT Bicycle/Pedestrian Improvement

MUNICIPALITIES: Abington Township

FC:

AQ Code:A2

PLAN CENTER:

IPD:

PROJECT MANAGER: EE/DVRPC/K. Lawrence

CMP:

PennDOT Class:

PennDOT Improvement:

NHPP:

This project will fund construction of on- and off-road bicycle facilities providing connections to SEPTA's Ardsley and Crestmont train stations, as well as multiple parks throughout the northern section of the Township. These facilities will be the first phase of a larger vision for Abington Township, detailed in the Township of Abington Master Bicycle Plan.

In the fall of 2015, PennDOT held a competitive round for statewide TAP funding. This project was one of 13 projects across the DVRPC region that was awarded funding in January 2017 through the statewide TAP program (MPMS #60560), receiving \$450,000 out of the \$9.4 million awarded to the region.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
CON	TAP	450												
		0	450	0	0	0	0	0	0	0	0	0	0	
		Total FY2017-2020			450	Total FY2021-2024				0	Total FY2025-2028			0

MPMS# 108006 *Limerick Township Trails (TAP)*

New

LIMITS Limerick Township

Est Let Date: 10/18/2018

IMPROVEMENT Bicycle/Pedestrian Improvement

MUNICIPALITIES: Limerick Township

FC:

AQ Code:A2

PLAN CENTER:

IPD:

PROJECT MANAGER: EE/DVRPC/K. Lawrence

CMP:

PennDOT Class:

PennDOT Improvement:

NHPP:

This project will construct an off-road trail extending the Township trail network, leveraging grants from the DCNR and DCED. The Township will need to secure an easement from PECO to complete the trail.

In the fall of 2015, PennDOT held a competitive round for statewide TAP funding. This project was one of 13 projects across the DVRPC region that was awarded funding in January 2017 through the statewide TAP program (MPMS #60560), receiving \$970,000 out of the \$9.4 million awarded to the region.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
CON	TAP	970												
		0	0	970	0	0	0	0	0	0	0	0	0	
		Total FY2017-2020			970	Total FY2021-2024				0	Total FY2025-2028			0

DVRPC FY 2017-2020 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 108008 Tookany Creek Trail Phase 3 (TAP)

New

LIMITS Harrison Ave. to New Second Street

Est Let Date: 10/18/2018

IMPROVEMENT Bicycle/Pedestrian Improvement

MUNICIPALITIES: Cheltenham Township

FC:

AQ Code:A2

PLAN CENTER:

IPD:

PROJECT MANAGER: EE/DVRPC/K. Lawrence

CMP:

PennDOT Class:

PennDOT Improvement:

NHPP:

This project will fund construction of a bridge for pedestrians and bicyclists over the Tookany Creek, providing a crucial link to allow Cheltenham Township to complete the planned third phase of the Tookany Creek Trail.

In the fall of 2015, PennDOT held a competitive round for statewide TAP funding. This project was one of 13 projects across the DVRPC region that was awarded funding in January 2017 through the statewide TAP program (MPMS #60560), receiving \$700,000 out of the \$9.4 million awarded to the region.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
CON	TAP		700											
		0	700	0	0	0	0	0	0	0	0	0	0	
		Total FY2017-2020			700	Total FY2021-2024				0	Total FY2025-2028			0

DVRPC FY 2017-2020 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 108512 *Local Modeling of Proposed New PA Turnpike Interchanges, Phase 1*

New

LIMITS

No Let Date

IMPROVEMENT Roadway New Capacity

MUNICIPALITIES: Various

FC:

AQ Code:X1

PLAN CENTER:

IPD:

PROJECT MANAGER: Jim Mosca

CMP:

PennDOT Class:

PennDOT Improvement:

NHPP:

Montgomery County is seeking to promote reinvigorated business centers along the Pennsylvania Turnpike corridor via expanded access to the highway. In 2015, Montgomery County Planning Commission staff completed its Turnpike Corridor Reinvestment Project. The study's vision included providing seven new or modernized interchanges. All are identified in the current DVRPC Long-Range Plan for the Year 2040. New interchanges—proposed at Henderson Road, in Upper Merion Township, and at Welsh Road (PA 63), in Upper Dublin and Upper Moreland Townships—are not funded in the current Plan.

New activity in the business parks is likely to generate additional traffic volumes. New traffic on the Turnpike will add revenue. Expanded accessibility to the regional highway will reduce traffic at existing toll plazas, but introduce it on busy arterials where new toll plazas are proposed.

DVRPC supported the Reinvestment Project by producing Year 2040 daily travel demand forecasts for its conceptual engineering / interchange design content. The proposed project will evaluate peak hour traffic conditions in the vicinity of the new interchanges to: inform the public and municipal decision makers of the likely impacts, identify localized transportation improvements to ameliorate identified problems, and build support with the funding agencies.

The project is being undertaken as a two year effort. Year one (FY'18) will be devoted to data collection and regional travel demand forecast modeling (VISUM) surrounding both interchanges. Current, 2045 No-Build, and 2045 Build conditions will be modeled. Year two (FY'19) will include traffic operational modeling (VISSIM) of each scenario to assess peak hour traffic conditions and needs. Public workshops or open houses will be held in each phase for each interchange study area.

		TIP Program Years (\$ 000)													
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028		
PRA	STU	240													
PRA	LOC														
PRA	TOLL														
PRA	STU		250												
		240	250	0	0	0	0	0	0	0	0	0	0		
		Total FY2017-2020			490	Total FY2021-2024				0	Total FY2025-2028				0

MPMS# 109447 *Fitzwatertown Road and Woodland Road/North Hills Avenue Signal Upgrade*

New

LIMITS Intersection of Fitzwatertown Rd (SR 2038) & Woodland Rd/North Hills Ave

No Let Date

IMPROVEMENT Signal/ITS Improvements

MUNICIPALITIES: Abington Township

FC:

AQ Code:S7

PLAN CENTER:

IPD:

PROJECT MANAGER: Daniel Farley

CMP:

PennDOT Class:

PennDOT Improvement:

NHPP:

This project will modernize the intersection's signal equipment, including updated detection, pedestrian push buttons and ADA curb ramps.

		TIP Program Years (\$ 000)													
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028		
CON	A-073	298													
		298	0	0	0	0	0	0	0	0	0	0	0		
		Total FY2017-2020			298	Total FY2021-2024				0	Total FY2025-2028				0

DVRPC FY 2017-2020 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 109448 *Germantown Pike Adaptive Traffic Signal Control*

New

LIMITS 15 intersections from the Brentwood Executive Campus to Trooper Road

No Let Date

IMPROVEMENT Signal/ITS Improvements

MUNICIPALITIES: East Norriton Township

FC:

AQ Code:2025M

PLAN CENTER:

IPD:

PROJECT MANAGER: Daniel Farley

CMP:

PennDOT Class:

PennDOT Improvement:

NHPP:

This project will install adaptive signal control technology at 15 intersections located on Germantown Pike from the Brentwood Executive Campus to Trooper Road in East Norriton Township, providing real-time signal timing adjustments to a congested corridor to improve traffic flow.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
CON	A-073	330												
		330	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2017-2020			330	Total FY2021-2024				0	Total FY2025-2028			0

MPMS# 109449 *East Norriton Township Video Detection Project*

New

LIMITS 9 intersections (23 approaches) in East Norriton Township

No Let Date

IMPROVEMENT Signal/ITS Improvements

MUNICIPALITIES: East Norriton Township

FC:

AQ Code:S7

PLAN CENTER:

IPD:

PROJECT MANAGER: Daniel Farley

CMP:

PennDOT Class:

PennDOT Improvement:

NHPP:

This project will replace existing failing inductive loop sensors with video detection at 9 intersections (23 approaches).

		TIP Program Years (\$ 000)												
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
CON	A-073	108												
		108	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2017-2020			108	Total FY2021-2024				0	Total FY2025-2028			0

DVRPC FY 2017-2020 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 109450 *Jacksonville Road (SR 0332) and Montgomery Avenue Traffic Signal Upgrade*

New

LIMITS Intersection of Jacksonville Road and Montgomery Avenue

No Let Date

IMPROVEMENT Signal/ITS Improvements

MUNICIPALITIES: Hatboro Borough

FC:

AQ Code:S7

PLAN CENTER:

IPD:

PROJECT MANAGER: Daniel Farley

CMP:

PennDOT Class:

PennDOT Improvement:

NHPP:

This project will upgrade the existing signal equipment at the intersection and equipment associated with the adjacent railroad crossing, including the LED signs mounted on the mastarms at the intersection, the railroad pre-emption system, and installation of pedestrian gates at the railroad crossing. An uninterrupted power supply will also be installed.

TIP Program Years (\$ 000)														
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
CON	A-073	1,331												
		1,331	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2017-2020			1,331	Total FY2021-2024				0	Total FY2025-2028			0

MPMS# 109451 *Jenkintown Borough Green Light Go 2016 (MPMS #109451)*

New

LIMITS 8 Intersections in Jenkintown Borough

No Let Date

IMPROVEMENT Signal/ITS Improvements

MUNICIPALITIES: Jenkintown Borough

FC:

AQ Code:S7

PLAN CENTER:

IPD:

PROJECT MANAGER: Daniel Farley

CMP:

PennDOT Class:

PennDOT Improvement:

NHPP:

This project will update signals that have not yet been upgraded to LED's. Uninterruptible power supplies and generators to keep traffic signals operational during power outages are also proposed.

TIP Program Years (\$ 000)														
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
CON	A-073	90												
		90	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2017-2020			90	Total FY2021-2024				0	Total FY2025-2028			0

DVRPC FY 2017-2020 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 109452 *Spring Mount Road Traffic Light*

New

LIMITS Route 29 and Spring Mount Road

No Let Date

IMPROVEMENT Signal/ITS Improvements

MUNICIPALITIES: Lower Frederick Township

FC:

AQ Code:S7

PLAN CENTER:

IPD:

PROJECT MANAGER: Daniel Farley

CMP:

PennDOT Class:

PennDOT Improvement:

NHPP:

This project will to replace incandescent bulbs with LED signal modules on the traffic light at PA 29 and Spring Mount Road and the school zone sign on Spring Mount Road.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
CON	A-073	1												
		1	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2017-2020			1	Total FY2021-2024				0	Total FY2025-2028			0

MPMS# 109453 *Byberry Road and Pine Road Traffic Signal Modification*

New

LIMITS Intersection of Byberry Road and Pine Road

No Let Date

IMPROVEMENT

MUNICIPALITIES: Lower Moreland Township

FC:

AQ Code:S7

PLAN CENTER:

IPD:

PROJECT MANAGER: Daniel Farley

CMP:

PennDOT Class:

PennDOT Improvement:

NHPP:

This project will upgrade traffic signals and equipment at the intersection of Byberry Road and Pine Road.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
CON	A-073	148												
		148	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2017-2020			148	Total FY2021-2024				0	Total FY2025-2028			0

DVRPC FY 2017-2020 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 109454 *Welsh Road (PA 63) Corridor Fiber Optic and Signal Upgrade Project*

New

LIMITS Welsh Road (PA 63) and West Moreland Road between PA 309 and PA 611

No Let Date

IMPROVEMENT Signal/ITS Improvements

MUNICIPALITIES: Upper Dublin Township; Horsham Township; Abington Township

FC:

AQ Code:2025M

PLAN CENTER:

IPD:

PROJECT MANAGER: Daniel Farley

CMP:

PennDOT Class:

PennDOT Improvement:

NHPP:

This project will install fiber optic cable, ethernet switches, and software integration along Welsh Road (PA 63) and West Moreland Road between PA 309 and PA 611, and connect up to 25 traffic signals to this regional fiber backbone. This is a joint project involving Upper Dublin Township as the lead, along with Horsham Township and Abington Township. These three municipalities have committed to providing \$550,000 as a local match.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
CON	A-073	2,200												
		2,200	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2017-2020			2,200	Total FY2021-2024				0	Total FY2025-2028			0

MPMS# 109455 *Upper Merion Township LED Replacement Project*

New

LIMITS Dekalb Pike, Gulph Road, Henderson Road, Valley Forge Road, and Swedesford Road

No Let Date

IMPROVEMENT Signal/ITS Improvements

MUNICIPALITIES: Upper Merion Township

FC:

AQ Code:S7

PLAN CENTER:

IPD:

PROJECT MANAGER: Daniel Farley

CMP:

PennDOT Class:

PennDOT Improvement:

NHPP:

This project will replace existing LED signals at 24 signalized intersections on Dekalb Pike, Gulph Road, Henderson Road, Valley Forge Road, and Swedesford Road. The existing equipment has reached the end of its suggested life cycle.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
CON	A-073	108												
		108	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2017-2020			108	Total FY2021-2024				0	Total FY2025-2028			0

DVRPC FY 2017-2020 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 109456 PA 100 Signal Preemption

New

LIMITS Pottstown Pike and North State St. Pottstown Pike and Moyer Rd

No Let Date

IMPROVEMENT Signal/ITS Improvements

MUNICIPALITIES: Upper Pottsgrove Township

FC:

AQ Code:2025M

PLAN CENTER:

IPD:

PROJECT MANAGER: Daniel Farley

CMP:

PennDOT Class:

PennDOT Improvement:

NHPP:

This project will provide signal preemption for emergency services at two signals along PA 100 which do not currently have them. The intersections are PA 100/State Street and PA 100/Moyer Road.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
CON	A-073	21												
		21	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2017-2020			21	Total FY2021-2024				0	Total FY2025-2028			0

MPMS# 109457 Egypt Road Adaptive Signal Control

New

LIMITS Egypt Road corridor, from Brower Avenue to Cider Mill Road

No Let Date

IMPROVEMENT Signal/ITS Improvements

MUNICIPALITIES: Upper Providence Township

FC:

AQ Code:2025M

PLAN CENTER:

IPD:

PROJECT MANAGER: Daniel Farley

CMP:

PennDOT Class:

PennDOT Improvement:

NHPP:

This project will upgrade the traffic signals to adaptive signal control along the Egypt Road corridor, from Brower Avenue to Cider Mill Road in Upper Providence Township. This includes a total of six signalized intersections, including the two signalized intersections at the Route 422 interchange with Egypt Road. A new controller cabinet and a fiber optic cable connection to the PennDOT central server via a connection to the Route 422 trunk line will be included.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
CON	A-073	239												
		239	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2017-2020			239	Total FY2021-2024				0	Total FY2025-2028			0

DVRPC FY 2017-2020 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 109458 *Skippack Pike and Pennlyn-Blue Bell Pike Signal Upgrades*

New

LIMITS Intersection of Skippack Pike and Pennlyn-Blue Bell Pike

No Let Date

IMPROVEMENT Signal/ITS Improvements

MUNICIPALITIES: Whitpain Township

FC:

AQ Code:S7

PLAN CENTER:

IPD:

PROJECT MANAGER: Daniel Farley

CMP:

PennDOT Class:

PennDOT Improvement:

NHPP:

This project will improve the signalized intersection of Skippack Pike (PA 73) and Pennlyn-Blue Bell Pike, including video detection and battery back-up, among other upgrades.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
CON	A-073	80												
		80	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2017-2020			80	Total FY2021-2024				0	Total FY2025-2028			0

MPMS# 109459 *Germantown Pike Traffic Signal Interconnect*

New

LIMITS Between intersections of Trooper Road and Valley Forge Road\Park Road

No Let Date

IMPROVEMENT Signal/ITS Improvements

MUNICIPALITIES: Worcester Township

FC:

AQ Code:2025M

PLAN CENTER:

IPD:

PROJECT MANAGER: Daniel Farley

CMP:

PennDOT Class:

PennDOT Improvement:

NHPP:

This project will extend fiber optic cable along Germantown Pike from the intersection of Trooper Road to Valley Forge Road/Park Road. The intersection of Germantown Pike and Valley Forge Road/Park Road will be upgraded for fiber optic communication and connected to the PennDOT Traffic Management Center in King of Prussia.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
CON	A-073	80												
		80	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2017-2020			80	Total FY2021-2024				0	Total FY2025-2028			0

DVRPC FY 2017-2020 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 109460 *Worcester Township Traffic Signal Upgrades*

New

LIMITS Intersections of Valley Forge Rd & Skippack Pike and Valley Forge Rd & Township Line Rd/ Stump Hall

No Let Date

IMPROVEMENT Signal/ITS Improvements

MUNICIPALITIES: Worcester Township

FC:

AQ Code:S7

PLAN CENTER:

IPD:

PROJECT MANAGER: Daniel Farley

CMP:

PennDOT Class:

PennDOT Improvement:

NHPP:

This project will upgrade traffic signals at the intersections of Valley Forge Road (PA 363) and Skippack Pike (PA 73), and Valley Forge Road and Township Line Road/Stump Hall Road, including video detection and battery backup, among other upgrades.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
CON	A-073	142												
		142	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2017-2020			142	Total FY2021-2024				0	Total FY2025-2028			0

MPMS# 109844 *Comprehensive ATMS of I-76 Parallel Arterial Corridors Design Support Agreements (Green Light-Go)*

New

LIMITS

No Let Date

IMPROVEMENT

MUNICIPALITIES: Various

FC:

AQ Code:NRS

PLAN CENTER:

IPD:

PROJECT MANAGER: Daniel Farley

CMP: Not SOV Capacity Adding

PennDOT Class:

PennDOT Improvement:

NHPP:

The consultant will provide for the necessary arterial traffic signals/ITS design elements to supplement the I-76 Integrated Corridor Management Project. This project will develop all of the necessary design and construction documentation needed to modernize the traffic signal systems and ITS devices in Montgomery County based on the I-76 Traffic Signal Management Plan. Memorandum of Understanding (MOU) Agreement, concept of operations and system engineering report completed under different agreements. The targeted corridors include: Ridge Pike, Route 23, Swedeland Road, Route 320, U.S. 202/DeKalb Pike, South Gulph Road, Henderson Road, Fayette Street.

This agreement includes but is not limited to data collection, traffic analysis, preliminary engineering, environmental clearances, final design, plan development, PS&E requirements, right-of-way acquisition services and consultation during construction. Also as indicated under services, coordination and collaboration is required with the following other agreements:

- E03582 - Green Light-Go Technical Support - Southeastern Region
- E03803 -76 Integrated Corridor Management Project
- E03919 - Comprehensive ATMS of I-76 Parallel Arterial Corridors Design Support Agreement (Philadelphia County)
- E03920 - District 6 Transportation Systems Management and Operations (TSMO) Support Contract
- Other ECMS, Highway Occupancy Permit (HOP) or Municipal Projects identified by the Department

The consultant will manage the consultant project team with routine project status meetings to identify the next steps of the project. It is anticipated that this agreement will work concurrently with the agreements identified above.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
PE	A-073		1,500											
		0	1,500	0	0	0	0	0	0	0	0	0	0	
		Total FY2017-2020			1,500	Total FY2021-2024				0	Total FY2025-2028			0

DVRPC FY 2017-2020 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 110929 *Abington Township Traffic Signal Upgrade (ARLE 7)*

New

LIMITS Susquehanna Road and Edge Hill Road

No Let Date

IMPROVEMENT Signal/ITS Improvements

MUNICIPALITIES: Abington Township

FC:

AQ Code:NRS

PLAN CENTER:

IPD:

PROJECT MANAGER: Daniel Farley

CMP: Not SOV Capacity Adding

CMP Subcorridor(s): 14E

PennDOT Class:

PennDOT Improvement:

NHPP:

This project will upgrade the traffic signal at the intersection of Susquehanna Road and Edge Hill Road by installing new traffic signal structures, signal and pedestrian indications, and upgrading the vehicle detection system.

		TIP Program Years (\$ 000)											
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028
CON	244	179											
		0	179	0	0	0	0	0	0	0	0	0	0
		Total FY2017-2020			179	Total FY2021-2024			0	Total FY2025-2028			0

MPMS# 110930 *Towamencin Township Pedestrian Safety Improvements (ARLE 7)*

New

LIMITS Township-wide

No Let Date

IMPROVEMENT Bicycle/Pedestrian Improvement

MUNICIPALITIES: Towamencin Township

FC:

AQ Code:NRS

PLAN CENTER:

IPD:

PROJECT MANAGER: Daniel Farley

CMP:

PennDOT Class:

PennDOT Improvement:

NHPP:

This project will improve pedestrian safety throughout the township by upgrading 13 traffic signals by updating pedestrian signals and push buttons. The project also includes installation of emergency pre-emption at one intersection and removal of a traffic signal.

		TIP Program Years (\$ 000)											
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028
CON	244	84											
		0	84	0	0	0	0	0	0	0	0	0	0
		Total FY2017-2020			84	Total FY2021-2024			0	Total FY2025-2028			0

DVRPC FY 2017-2020 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 110931 *West Norriton Township Traffic Signal Upgrade (ARLE 7)*

New

LIMITS Whitehall Road and Sterigere Street

No Let Date

IMPROVEMENT Bicycle/Pedestrian Improvement

MUNICIPALITIES: West Norriton Township

FC:

AQ Code:NRS

PLAN CENTER:

IPD:

PROJECT MANAGER: Daniel Farley

CMP: Not SOV Capacity Adding

CMP Subcorridor(s): 8E, 9B

PennDOT Class:

PennDOT Improvement:

NHPP:

This project will upgrade the traffic signal at the intersection of Route 3006 (Whitehall Road) and Sterigere Street by installing new ADA curb ramps, pedestrian signal modules, battery back-up system, and emergency preemption system; updating the controller cabinet; and upgrading the vehicle detection system.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
CON	244		196											
		0	196	0	0	0	0	0	0	0	0	0	0	
		Total FY2017-2020			196	Total FY2021-2024				0	Total FY2025-2028			0

MPMS# 110932 *West Norriton Township Intersection and Signal Upgrade (ARLE 7)*

New

LIMITS Whitehall Road and Marshall Street

No Let Date

IMPROVEMENT Signal/ITS Improvements

MUNICIPALITIES: West Norriton Township

FC:

AQ Code:R2

PLAN CENTER:

IPD:

PROJECT MANAGER: Daniel Farley

CMP: Minor SOV Capacity

CMP Subcorridor(s): 8E, 9B

PennDOT Class:

PennDOT Improvement:

NHPP:

This project will upgrade the traffic signal and improve the geometric layout of the intersection of Route 3006 (Whitehall Road) and Route 3019 (Marshall Street), including installing a new traffic signal and increasing the radii on the corners of the intersection.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
CON	244		417											
		0	417	0	0	0	0	0	0	0	0	0	0	
		Total FY2017-2020			417	Total FY2021-2024				0	Total FY2025-2028			0

DVRPC FY 2017-2020 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 110933 *Whitpain Township Traffic Signal Upgrades (ARLE 7)*

New

LIMITS Norristown Road and Stenton Avenue/Narcissa Road

No Let Date

IMPROVEMENT Signal/ITS Improvements

MUNICIPALITIES: Whitpain Township

FC:

AQ Code:NRS

PLAN CENTER:

IPD:

PROJECT MANAGER: Daniel Farley

CMP: Not SOV Capacity Adding

CMP Subcorridor(s): 2B

PennDOT Class:

PennDOT Improvement:

NHPP:

This project will upgrade the traffic signals at the intersection of Route 3001 (Norristown Road) and Route 3003 (Stenton Avenue)/Narcissa Road by improving pedestrian facilities, adding battery back-up, and upgrading vehicle detection systems.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
CON	244	132				0				0				
		0	132	0	0	0	0	0	0	0	0	0	0	
		Total FY2017-2020			132	Total FY2021-2024				0	Total FY2025-2028			0

MPMS# 110961 *Old Skippack Rd. Roundabout*

New

LIMITS Old Skippack Road (SR 1017) & Schwenksville Road (SR 4018)

No Let Date

IMPROVEMENT Intersection/Interchange Improvements

MUNICIPALITIES: Upper Salford Township

FC:

AQ Code:X5

PLAN CENTER:

IPD:

PROJECT MANAGER: Traff/A. Patel

CMP:

PennDOT Class:

PennDOT Improvement:

NHPP:

Roundabout installation at Old Skippack Road (SR 1017) & Schwanksville Road (SR 4018)

		TIP Program Years (\$ 000)												
Phase	Fund	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
PE	sHSIP	320				0				0				
		0	320	0	0	0	0	0	0	0	0	0	0	
		Total FY2017-2020			320	Total FY2021-2024				0	Total FY2025-2028			0

Total For	2017	2018	2019	2020	2017-2020	2021-2024	2025-2028
Montgomery	\$153,337	\$82,975	\$102,569	\$81,330	\$420,211	\$329,307	\$279,026