

DVRPC FY 2013-2016 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 15992 **Rockland Avenue Bridge Over Amtrak's Harrisburg Line (Removal)**

LIMITS Over Amtrak's Harrisburg Line

No Let Date

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Narberth Borough

AQ Code:NRS

PLANNING AREA: Developed Community

DOD: 1

PROJECT MANAGER: DEL02

CMP: Not SOV Capacity Adding

This bridge is currently closed to both vehicular and pedestrian traffic and will not be replaced.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	
CON	TOLL													
CON	BOO	303												
		303	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2013-2016			303	Total FY2017-2020				0	Total FY2021-2024			0

MPMS# 16085 **PA 29, Gravel Pike Bridge Over Hosensack Creek SR:0029**

LIMITS Over Hosensack Creek

Est Let Date: 12/15/2016

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Upper Hanover Township

AQ Code:S19

PLANNING AREA: Rural Area

DOD: 0

PROJECT MANAGER: DAVIES/LEF

CMP: Not SOV Capacity Adding

Remove and replace the existing bridge. Reconstruct approach roadway as required. Project should be under construction at the same time as MPMS #16086 (PA 29 Gravel Pike over a tributary 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	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	
ROW	185	66												
UTL	185		27											
CON	185				2,091									
		66	27	0	2,091	0	0	0	0	0	0	0	0	
		Total FY2013-2016			2,184	Total FY2017-2020				0	Total FY2021-2024			0

DVRPC FY 2013-2016 TIP for PA

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Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 16086 PA 29, Gravel Pike Bridge Over East Branch of Perkiomen Creek SR:0029

LIMITS Over Branch of Perkiomen Creek

Est Let Date: 12/15/2016

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Upper Hanover Township

AQ Code:S19

PLANNING AREA: Rural Area

DOD: 0

PROJECT MANAGER: DAVIES/LEF

CMP: Not SOV Capacity Adding

Remove the existing bridge and construct a new Con-Span Arch bridge. Reconstruct approach roadway as required. Project should be under construction at the same time as MPMS #16085 (PA 29 Gravel Pike over Hosensack 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	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	
ROW	BOO	105												
ROW	185	27												
UTL	NHPP		11											
UTL	185		2											
CON	916	808												
		940	13	0	0	0	0	0	0	0	0	0	0	
		Total FY2013-2016			953	Total FY2017-2020				0	Total FY2021-2024			0

MPMS# 16099 Camp Road Bridge Over East Branch of Perkiomen Creek SR:1021

LIMITS Over East Branch of Perkiomen Creek

Est Let Date: 11/29/2012

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Franconia Township; Salford Township

AQ Code:S19

PLANNING AREA: Growing Suburb; Rural Area

DOD: 1

PROJECT MANAGER: HNTB/GCG

CMP: Not SOV Capacity Adding

Replace the existing two lane bridge with no shoulders with a two lane bridge with shoulders and make a minor horizontal realignment to the S-curve. The existing bridge is a five-span arch carrying one lane of traffic in each direction. The project will consist of preliminary engineering, final design and construction services. The CE/4f approval was granted for this bridge in April 2003. Commitments from the CE will need to be incorporated into the proposed 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	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	
CON	185	2,077												
		2,077	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2013-2016			2,077	Total FY2017-2020				0	Total FY2021-2024			0

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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: 3/10/2016

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Cheltenham Township

AQ Code:S19

PLANNING AREA: Developed Community

DOD: 0

PROJECT MANAGER: TSS/GANNETT

CMP: Not SOV Capacity Adding

Adding Subcorr(s): 5G

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	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024												
FD	183	13																							
FD	LOC	51																							
UTL	STU			115																					
UTL	183			21																					
UTL	LOC			7																					
CON	STP					1,051																			
CON	183					197																			
CON	LOC					66																			
		64	0	143	0	1,314	0	0	0	0	0	0	0												
		Total FY2013-2016				207				Total FY2017-2020				1,314				Total FY2021-2024				0			

MPMS# 16191 *Elm Street Bridge Over Plymouth Creek SR:3013*

LIMITS Over Reading Railroad/Capital Crescent Trail/Plymo

Est Let Date: 8/23/2012

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Conshohocken Borough

AQ Code:S19

PLANNING AREA: Developed Community

DOD: 0

PROJECT MANAGER: P/CNV

CMP: Not SOV Capacity Adding

Adding Subcorr(s): 2B

This project will involve the bridge replacement running east-west on Elm Street over Plymouth Creek and the abandoned Reading Railroad. The existing structure is 145 ft. long, and is a steel thru-girder with floorbeam system. It has stone masonry abutments and wingwalls on both sides and a concrete pier at the center. Under a separate project, a proposed cross-county trail is proposed parallel to the bridge to the north, on structure, and joining with a trail below the bridge (to the south). The project is located in the Borough of Conshohocken. 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	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024												
CON	185	1,078																							
CON	185		194																						
		1,078	194	0	0	0	0	0	0	0	0	0	0												
		Total FY2013-2016				1,272				Total FY2017-2020				0				Total FY2021-2024				0			

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Montgomery

MPMS# 16194 *High Street Bridge Over Manatawny Creek SR:4031*

LIMITS Over Manatawny Creek

ctl Let Date: 12/16/2010

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Pottstown Borough

AQ Code:S19

PLANNING AREA: Developed Community

DOD:

PROJECT MANAGER: Gannett/BPM

CMP: Not SOV Capacity Adding

This bridge replacement project is located on Ridge Pike (S.R. 4031) between PA 100 and Manatawny Street in Pottstown Borough, Montgomery County, Pennsylvania (see attached project location map). The existing bridge carries High Street over Manatawny Creek which flows in a southerly direction into the Schuylkill River. The 165'-long and 51'-wide, 4 span bridge is composed of 3, 45' long built-up deck girder spans and a 28' elliptical-shaped, reinforced concrete deck arch span that is finished with ashlar spandrel walls. The substructure is composed of both stone and concrete piers and abutments. Metal lattice railings finish the bridge. The existing bridge was built in 1908. 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	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	
PE	BOO	15												
PE	185	4												
		19	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2013-2016			19	Total FY2017-2020				0	Total FY2021-2024			0

MPMS# 16197 *Greenwood Avenue Bridge Over SEPTA Mainline Commuter Rail SR:2054*

LIMITS Over SEPTA Mainline Commuter Rail

Actl Let Date: 5/26/2011

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Cheltenham Township; Jenkintown Borough

AQ Code:S19

PLANNING AREA: Developed Community

DOD:

PROJECT MANAGER: AECOM/PS

CMP: Not SOV Capacity Adding

Adding Subcorr(s): 14B

The purpose of this project is to replace the existing bridge due to structural deficiencies over SEPTA's R2, R3 & R5 mainlines. The project involves a complete replacement of the Greenwood Ave. Bridge over SEPTA, a three lane bridge with sidewalk on one side and tying into the adjacent intersection and SEPTA driveways. The new structural design must accommodate the present abutment. A wingwall connection to the roadway retaining walls is also needed. The reconstruction also includes placing scour protection for the Greenwood Ave. over the Tacony Creek Structure. The underlying areas of the concrete bridge abutments will be addressed by placing scour protection around the structure at the creek. Project should be under construction at the same time as MPMS #16086 (PA 29 Gravel Pike over a tributary of the Perkiomen Creek). The existing structure only has one sidewalk with three lanes; the replacement will have 2 sidewalks, 2 travel lanes, and one turning lane

A second stone arch bridge over the creek was originally included in this project and has been repaired by PennDOT.

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	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	
CON	185	80												
		80	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2013-2016			80	Total FY2017-2020				0	Total FY2021-2024			0

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Pennsylvania - Highway Program (Status: TIP)

Montgomery

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

LIMITS Over SEPTA R3 (Noble Station)

Est Let Date: 1/15/2016

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Abington Township

AQ Code:S19

PLANNING AREA: Developed Community

DOD: 1

PROJECT MANAGER: TSS/HPF

CMP: Not SOV Capacity Adding

Adding Subcorr(s): 14E

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	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024
FD	BOO	51											
FD	185	13											
FD	185		350										
CON	916				5,738								
CON	916					5,738							
		64	350	0	5,738	5,738	0	0	0	0	0	0	0
		Total FY2013-2016			6,152	Total FY2017-2020			5,738	Total FY2021-2024			0

DVRPC FY 2013-2016 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Montgomery

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

LIMITS Over Amtrak/SEPTA R5 Rail Lines

Est Let Date: 10/15/2015

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Lower Merion Township

AQ Code:S19

PLANNING AREA: Developed Community

DOD: 1

PROJECT MANAGER: EE/MDH

CMP: Not SOV Capacity Adding

Adding Subcorr(s): 7B

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	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024
FD	183	38											
FD	LOC	10											
CON	STU				2,080								
CON	183				390								
CON	LOC				130								
CON	BOF					2,080							
CON	183					390							
CON	LOC					130							
		48	0	0	2,600	2,600	0	0	0	0	0	0	0
		Total FY2013-2016			2,648	Total FY2017-2020			2,600	Total FY2021-2024			0

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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: 5/16/2016

IMPROVEMENT Intersection/Interchange Improvements

MUNICIPALITIES: Cheltenham Township

AQ Code:2025M

PLANNING AREA: Developed Community

DOD: 3

PROJECT MANAGER: AECOM/PS

CMP: Minor SOV Capacity

Adding Subcorr(s): 14E

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.

TOLL CREDIT MATCH

TIP Program Years (\$ 000)														
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	
PE	NHPP		430											
PE	581		112											
ROW	CAQ	83												
ROW	CAQ		146											
ROW	CAQ													
ROW	LOC				73									
CON	CAQ				3,698									
		83	688	0	3,771	0	0	0	0	0	0	0	0	
		Total FY2013-2016			4,542	Total FY2017-2020				0	Total FY2021-2024			0

MPMS# 16376 Morris Road SR:2001

LIMITS At North Wales Road

No Let Date

IMPROVEMENT Intersection/Interchange Improvements

MUNICIPALITIES: Whitpain Township; Worcester Township

AQ Code:R1

PLANNING AREA: Developed Community; Growing Suburb

DOD:

PROJECT MANAGER: AECOM/DB

CMP: Minor SOV Capacity

Adding Subcorr(s): 8F

This project involves aligning the intersection of North Wales Rd. with Morris Rd., installing a traffic signal, and providing left turn lanes on all intersection approaches.

TIP Program Years (\$ 000)														
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	
CON	STU	19												
CON	581	5												
		24	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2013-2016			24	Total FY2017-2020				0	Total FY2021-2024			0

DVRPC FY 2013-2016 TIP for PA

Final Version

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: 6/15/2015

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Upper Merion Township

AQ Code:S19

PLANNING AREA: Developed Community

DOD: 1

PROJECT MANAGER: TSS/GANNETT

CMP: Not SOV Capacity Adding

Adding Subcorr(s): 1A, 9B

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	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	
FD	BOF		124											
FD	183		23											
FD	LOC		8											
UTL	BOO	487												
UTL	183	91												
UTL	LOC	30												
CON	BOF			3,467										
CON	183			650										
CON	LOC			217										
		608	155	4,334	0	0	0	0	0	0	0	0	0	
		Total FY2013-2016			5,097	Total FY2017-2020				0	Total FY2021-2024			0

DVRPC FY 2013-2016 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Montgomery

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

LIMITS Over Perkiomen Creek

Est Let Date: 11/5/2015

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Lower Providence Township; Upper Providence Township

AQ Code:S19

PLANNING AREA: Growing Suburb

DOD: 0

PROJECT MANAGER: TSS/GANNETT

CMP: Not SOV Capacity Adding

Adding Subcorr(s): 9A

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 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	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024
FD	BOO	170											
FD	183	42											
ROW	BOO	204											
ROW	183	38											
ROW	LOC	13											
UTL	BOO	51											
UTL	183	10											
UTL	LOC	3											
CON	BOF		3,950										
CON	183		740										
CON	LOC		248										
CON	Local			103									
CON	BOF			1,650									
CON	183			309									
		531	4,938	2,062	0	0	0	0	0	0	0	0	0
		Total FY2013-2016		7,531		Total FY2017-2020				0			
						Total FY2017-2020				0			
										Total FY2021-2024			
										0			

DVRPC FY 2013-2016 TIP for PA

Final Version

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: 2/9/2017

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Upper Hanover Township

AQ Code:S19

PLANNING AREA: Rural Area

DOD: 0

PROJECT MANAGER: TSS/GANNETT

CMP: Not SOV Capacity Adding

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	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	
FD	BOO	467												
FD	183	88												
FD	LOC	29												
ROW	BOF		48											
ROW	183		10											
ROW	LOC		2											
UTL	STU		48											
UTL	183		9											
UTL	LOC		3											
CON	BOF						3,247							
CON	183						609							
CON	LOC						203							
		584	120	0	0	0	4,059	0	0	0	0	0	0	
		Total FY2013-2016		704		Total FY2017-2020			4,059			Total FY2021-2024		0

DVRPC FY 2013-2016 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 16433 *Pennsylvania Avenue SR:2027*

LIMITS At Camp Hill Road

No Let Date

IMPROVEMENT Intersection/Interchange Improvements

MUNICIPALITIES: Springfield Township

AQ Code:R2

PLANNING AREA: Developed Community

DOD:

PROJECT MANAGER: EE/LJL

CMP: Minor SOV Capacity

Adding Subcorr(s): 14B

The project proposes to improve the intersection of S.R. 2027, Section 001 (Pennsylvania Avenue) and S.R. 2028, Section 001 (Camp Hill Road) located in Springfield and Upper Dublin Townships, Montgomery County, Pennsylvania. This intersection improvement project involves re-alignment of the S.R. 2028 approaches to eliminate the dogleg alignment of its intersection with S.R. 2027. The improved alignment will require the relocation of the two existing traffic signals to a newly creating single signalized intersection. The new signalized intersection will offset the existing dog leg intersection and create an intersection with better geometry that is closer to ninety degrees.

A retaining wall is proposed on the southeast corner of the new intersection to avoid impacting a springhouse, which is a contributing element to the property's National Historic Registry. Also, the S.R. 2027 approaches will be widened to provide turning lanes from both directions. The project limits along Pennsylvania Avenue is approximately 1900 feet long and the limits along Camp Hill Road is approximately 2000 feet long. Throughout the project limits, full depth pavement reconstruction will be preformed. The construction of this project will use a detour. The detour will use all state routes in the vicinity.

The re-alignment of the intersection will greatly improve traffic safety and operations. The existing intersection area has numerous conflicting traffic movements and heavy congestion during peak hours. The improvements to this intersection will satisfy the need to simplify the intersection area and provide left turn lanes on each approach to increase safety for the traveling community.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	
CON	STU	274												
CON	581	69												
		343	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2013-2016			343	Total FY2017-2020				0	Total FY2021-2024			0

DVRPC FY 2013-2016 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Montgomery

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

LIMITS Allentown Road to PA 63/Sumneytown Pike

Actl Let Date: 7/2/2009

IMPROVEMENT Roadway New Capacity

LRPID:57

MUNICIPALITIES: Lower Salford Township; Franconia Township; Towamencin Township

AQ Code:2013M

PLANNING AREA: Growing Suburb

DOD:

PROJECT MANAGER: CONSTR

CMP: Major SOV Capacity

Adding Subcorr(s): 2A, 11A, 14C

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	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024		
ROW	STU	722													
CON	STP	190													
CON	581	47													
CON	STU		68												
CON	STP		401												
CON	581		100												
CON	581		17												
		959	586	0	0	0	0	0	0	0	0	0	0		
		Total FY2013-2016			1,545	Total FY2017-2020				0	Total FY2021-2024				0

DVRPC FY 2013-2016 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 16476 PA 309, Haws Rd. to Highland Ave. SR:0309

LIMITS North & South of Ft Washington Interchg

No Let Date

IMPROVEMENT Roadway Rehabilitation

MUNICIPALITIES: Upper Dublin Township; Whitemarsh Township

AQ Code:R3

PLANNING AREA: Developed Community

DOD:

PROJECT MANAGER: CONSTR

CMP:

Adding Subcorr(s): 1A, 14B

Funds Account for Final Invoice

This project provides for the construction of Section 100 of Route 309, between Haws Rd. and Highland Avenue, which surrounds the Fort Washington Interchange. Included are roadway and overhead bridges that are to the north and south of the Fort Washing interchange. The interchange itself is contained in MPMS #64275, Section 103. The project also includes ITS components.

The PA 309 Reconstruction Project consists of the complete removal and replacement of the existing roadway from Cheltenham Avenue to Route 63, widening the shoulders on both sides of the road in each direction, extending the acceleration and deceleration lanes, and reconfiguring the PA Turnpike interchange. The project also involves rehabilitating all of the existing structures, including redecking and widening to accommodate the wider roadway. See MPMS #'s 16476, 16477, 16479, 64275 and 69799 for components of the Route 309 Reconstruction project.

CMP commitments include transit improvements to SEPTA's R5 regional rail. See DVRPC's CMP 2008 Supplemental Project Status Memorandum for details.

		TIP Program Years (\$ 000)													
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024		
CON	NHS	17													
CON	NHPP		50												
		17	50	0	0	0	0	0	0	0	0	0	0		
		Total FY2013-2016			67	Total FY2017-2020				0	Total FY2021-2024				0

DVRPC FY 2013-2016 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 16477 PA 309, Welsh Rd. to Highland Ave. SR:0309

LIMITS Welsh Rd. to Highland Ave. (Sec. 101)

Actl Let Date: 3/29/2007

IMPROVEMENT Roadway Rehabilitation

MUNICIPALITIES: Upper Dublin Township; Lower Gwynedd Township

AQ Code:2020M

PLANNING AREA: Developed Community; Growing Suburb

DOD:

PROJECT MANAGER: CONSTR

CMP: Major SOV Capacity

Adding Subcorr(s): 1A, 8F, 8G, 14C

This project provides for the construction of Section 101 of Route 309, between Welsh Rd. and Highland Avenue. As part of this section, the Norristown Road interchange will include new ramps to provide exit access from 309 southbound onto Norristown Road, and entrance access from Norristown Road onto 309 northbound. The PA 309 Reconstruction Project consists of the complete removal and replacement of the existing roadway, widening the shoulders on both sides of the road in each direction, extending the acceleration and deceleration lanes, and reconfiguring the Easton Rd. and PA Turnpike interchanges. The project also involves rehabilitating all of the existing structures, including redecking and widening to accommodate the wider roadway. See MPMS #'s 16476, 16477, 16479, 64275 and 69799 for components of the Route 309 Reconstruction project.

CMP commitments include transit improvements to SEPTA's R5 regional rail. See DVRPC's CMP 2008 Supplemental Project Status Memorandum for details.

SAFETEA DEMO #1923, PA ID 416 - \$2 MILLION

		TIP Program Years (\$ 000)											
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024
FD	NHPP		550										
		0	550	0	0	0	0	0	0	0	0	0	0
		Total FY2013-2016		550		Total FY2017-2020				0			
		Total FY2021-2024			0								

DVRPC FY 2013-2016 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Montgomery

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

LIMITS Over Old York Road

Est Let Date: 12/4/2014

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Abington Township

AQ Code:S19

PLANNING AREA: Developed Community

DOD: 1

PROJECT MANAGER: EE/JMD

CMP: Not SOV Capacity Adding

Adding Subcorr(s): 14E

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	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024
PE	TOLL												
PE	BOO	45											
FD	BOO	1,050											
ROW	BOO	268											
UTL	STU		481										
CON	STP					3,809							
		1,363	481	0	0	3,809	0	0	0	0	0	0	0
		Total FY2013-2016				Total FY2017-2020				Total FY2021-2024			
		1,844				3,809				0			

DVRPC FY 2013-2016 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Montgomery

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

LIMITS Over Tookany Creek

Est Let Date: 1/8/2015

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Cheltenham Township

AQ Code:S19

PLANNING AREA: Developed Community

DOD: 0

PROJECT MANAGER: TSS/GANNETT

CMP: Not SOV Capacity Adding

Adding Subcorr(s): 5G

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. 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	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024								
UTL	BOO	93																			
UTL	185	17																			
UTL	LOC	6																			
CON	BOF					2,724															
CON	185					511															
CON	LOC					171															
		116	0	0	0	3,406	0	0	0	0	0	0	0								
Total FY2013-2016		116				Total FY2017-2020				3,406				Total FY2021-2024				0			

MPMS# 16658 *Old Forty Foot/Skipack (Bridge)*

LIMITS LOWER SALFORD TWP

Est Let Date: 3/12/2015

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES:

AQ Code:S19

PLANNING AREA:

DOD: 1

PROJECT MANAGER: EE/JA

CMP: Not SOV Capacity Adding

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 Skipack 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	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024								
PE	STP						676														
		0	0	0	0	0	676	0	0	0	0	0	0								
Total FY2013-2016		0				Total FY2017-2020				676				Total FY2021-2024				0			

DVRPC FY 2013-2016 TIP for PA

Final Version

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

LRPID:21

MUNICIPALITIES: East Norriton Township; Norristown Borough

AQ Code:2025M

PLANNING AREA: Developed Community

DOD: 5

PROJECT MANAGER: EE/JB

CMP: Major SOV Capacity

Adding Subcorr(s): 8E, 9B

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.

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	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024		
FD	581	376													
FD	581		156												
FD	581			158											
ROW	NHS	212													
ROW	581	53													
UTL	NHS	3,395													
UTL	581	849													
		4,885	156	158	0	0	0	0	0	0	0	0	0		
		Total FY2013-2016			5,199	Total FY2017-2020				0	Total FY2021-2024				0

DVRPC FY 2013-2016 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 16681 Mill Road Bridge Over Branch of Meadow Brook Road SR:2068

LIMITS Over Branch of Meadow Brook Road

Actl Let Date: 12/16/2010

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Abington Township

AQ Code:S19

PLANNING AREA: Developed Community

DOD:

PROJECT MANAGER: TSS/HPF

CMP: Not SOV Capacity Adding

Adding Subcorr(s): 14B

The purpose of the project is to replace the existing deteriorated bridge structure. The stone arch recently suffered a partial collapse of the inside wall of the structure. A temporary repair has been made, but the bridge must be replaced in order to maintain the long term operation of the roadway.

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	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	
CON	STU	29												
CON	TOLL													
CON	STU		2											
		29	2	0	0	0	0	0	0	0	0	0	0	
		Total FY2013-2016			31	Total FY2017-2020				0	Total FY2021-2024			0

MPMS# 16688 PA 23, River Road Intersection Improvement SR:0023

LIMITS At Balligomingo Road

Actl Let Date: 2/17/2011

IMPROVEMENT Intersection/Interchange Improvements

MUNICIPALITIES: West Conshohocken Borough

AQ Code:R1

PLANNING AREA: Developed Community

DOD:

PROJECT MANAGER: HNTB/GCG

CMP: Minor SOV Capacity

Adding Subcorr(s): 2B, 3C

Project Consists of relocation of intersection of SR 0023 and Balligomingo Road to improve congestion and safety. The project will include roadway widening and reconstruction of approximately 1440' (800' along S.R.2023 and about 600' along Balligomingo road) to accommodate Left and Right turning lanes at the intersection and construction of a retaining wall between SR0023 and the Norfolk Southern Rail Road and to replace the bridge that carries SR 0023 over Gulph Creek, a tributary to the Schuylkill River.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	
ROW	STP		32											
ROW	185		8											
UTL	STP		712											
UTL	185		178											
CON	185	550												
		550	930	0	0	0	0	0	0	0	0	0	0	
		Total FY2013-2016			1,480	Total FY2017-2020				0	Total FY2021-2024			0

DVRPC FY 2013-2016 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Montgomery

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

LIMITS Over Schuylkill River and Norfolk Southern Railroa

Est Let Date: 12/20/2012

IMPROVEMENT Bicycle/Pedestrian Improvement

MUNICIPALITIES: Upper Merion Township; West Norriton Township

AQ Code:A2

PLANNING AREA: Developed Community

DOD: 0

PROJECT MANAGER: EE/MDH

CMP: Not SOV Capacity Adding

Adding Subcorr(s): 1A, 9B

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	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024
CON	SXF	385											
CON	STP	901											
CON	CAQ	4,129											
CON	CAQ		4,624										
		5,415	4,624	0	0	0	0	0	0	0	0	0	0
		Total FY2013-2016		10,039		Total FY2017-2020				0			
						Total FY2021-2024				0			

DVRPC FY 2013-2016 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Montgomery

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

LIMITS South Gulph Road Bridge to Norristown Transit Cent

Est Let Date: 4/15/2016

IMPROVEMENT Bicycle/Pedestrian Improvement

MUNICIPALITIES: Upper Merion Township; Bridgeport Borough; Norristown Borough

AQ Code:A2

PLANNING AREA: Developed Community

DOD: 4

PROJECT MANAGER: EE/DVRPC/RG

CMP: Not SOV Capacity Adding

Adding Subcorr(s): 1A, 8D, 9B

This project includes the development of a 3.5 mile extension of the paved trail and bike lockers. 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.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	
ROW	CAQ	1,231												
ROW	LOC	155												
CON	CAQ				7,883									
CON	LOC				1,971									
		1,386	0	0	9,854	0	0	0	0	0	0	0	0	
		Total FY2013-2016			11,240	Total FY2017-2020				0	Total FY2021-2024			0

DVRPC FY 2013-2016 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 16726 *WarminsterRd/Pennypack Ck (Bridge)*

New-B

LIMITS Warminster Road (SR 2040)

No Let Date

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Hatboro Borough; Upper Moreland Township

AQ Code:S19

PLANNING AREA: Developed Community

DOD: 2

PROJECT MANAGER: EE/JA

CMP: Not SOV Capacity Adding

Adding Subcorr(s): 12A, 14F

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	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024			
FD	STP					420										
FD	185					105										
ROW	STP					210										
ROW	185					53										
UTL	STP					210										
UTL	185					53										
CON	STP							1,407								
CON	185							352								
		0	0	0	0	1,051	1,759	0	0	0	0	0	0			
		Total FY2013-2016				0	Total FY2017-2020				2,810	Total FY2021-2024				0

MPMS# 46952 *Fort Washington Flooding & Transportation Study SR:2027*

LIMITS

No Let Date

IMPROVEMENT

MUNICIPALITIES: Upper Dublin Township

AQ Code:X

PLANNING AREA: Developed Community

DOD:

PROJECT MANAGER: CONSTR

CMP:

The federal TEA-21 legislation included earmark funding for a study of transportation improvements in the Fort Washington area. The study as proposed will include flood management improvements via hydrologic modeling and the preparation of new floodplain maps for the Sandy Run watershed, including Pine and Rapp Runs and Bodenstein Creek; recommendations for implementation of best management practices and/or structural changes to reduce flooding in the area; evaluation of the transportation system in the area and its impacts on flooding; and analysis and recommendations of specific changes to the transportation network to improve flooding and stormwater management conditions in the Fort Washington Office Park area, including preliminary engineering project cost estimates.

This project will be included in the FY06 DVRPC Work Program as DVRPC will serve as the contract administrator of the project. Note that \$65,959 DEMO of the original \$461,295 earmark was "flexed" to the FTA for use by SEPTA as part of the pedestrian/parking expansion work performed at Fort Washington Station.

		TIP Program Years (\$ 000)														
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024			
CON	STU	20														
		20	0	0	0	0	0	0	0	0	0	0	0			
		Total FY2013-2016				20	Total FY2017-2020				0	Total FY2021-2024				0

DVRPC FY 2013-2016 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 48185 I-76, Schuylkill Expressway (ITS) SR:0076

LIMITS No Let Date

IMPROVEMENT

MUNICIPALITIES: Philadelphia City; Lower Merion Township AQ Code:S7

PLANNING AREA: Core City; Developed Community DOD:

PROJECT MANAGER: CONSTR CMP: Not SOV Capacity Adding Adding Subcorr(s): 3B

Funds Account for Accrued Unbilled Costs

Intelligent Transportation System (ITS) for Schuylkill Expressway.

This project combines work scheduled to proceed under former MPMS #'s 48185, 17827, AND 17826, which were detailed as follows:
 48185 - between Belmont Ave. and the Conshohocken Curve. System will include 2 variable message signs, 7 closed circuit televisions, and 8 detectors.

17827 PENCOYD -1 variable message sign, 14 closed circuit televisions, 10 detectors.

17826 Vine Expressway to Platt - 1 variable message sign, 14 closed circuit televisions, 4 detectors.

Project description as of 9/29/06

- Construction phase for installing ITS equipment to include 12 CCTV, 1 dynamic message sign, vehicle detection devices, fiber and communications on the Schuylkill Expressway between I-476 and City Line Avenue/US 1.

-Construction phase for installing ITS equipment to include 17 CCTV, 3 dynamic message sign, vehicle detection devices, fiber and communications on the Schuylkill Expressway between City Avenue and I-676 and on US 1 from I-76 to Maschar Street.

-Construction phase for installing ITS equipment to include 14 CCTV, 3 dynamic message sign, vehicle detection devices, fiber and communications on the Schuylkill Expressway between I-676 to 26th Street, on 26th Street from I-76 to SR 0291 and on SR0291 from 26th Street to I-95.

MPMS# 71643 includes the utility work for the ITS components of this project and MPMS #59522 - I-476/PA 309 Corridor Incident Traffic Mgt.

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

		TIP Program Years (\$ 000)													
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024		
CON	STU	200													
CON	NHPP		60												
		200	60	0	0	0	0	0	0	0	0	0	0		
		Total FY2013-2016			260	Total FY2017-2020				0	Total FY2021-2024				0

DVRPC FY 2013-2016 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 48186 *Pottstown Area Signal System Upgrade SR:4031*

LIMITS Montgomery and Chester Counties

Est Let Date: 2/14/2014

IMPROVEMENT Signal/ITS Improvements

MUNICIPALITIES: Pottstown Borough; North Coventry Township

AQ Code:2025M

PLANNING AREA: Developed Community; Growing Suburb

DOD: 4

PROJECT MANAGER: AECOM/ER

CMP: Minor SOV Capacity

Adding Subcorr(s): 9A

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	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	
FD	CAQ		130											
FD	CAQ		325											
ROW	CAQ		500											
CON	CAQ			2,788										
CON	CAQ				9,601									
		0	955	2,788	9,601	0	0	0	0	0	0	0	0	
		Total FY2013-2016			13,344		Total FY2017-2020			0		Total FY2021-2024		0

MPMS# 48418 *Allentown Road Intersection Improvements SR:1001*

LIMITS At Troxel Road and Orvilla Road

Actl Let Date: 1/8/2009

IMPROVEMENT Intersection/Interchange Improvements

MUNICIPALITIES: Towamencin Township

AQ Code:R1

PLANNING AREA: Growing Suburb

DOD:

PROJECT MANAGER: P/MDB-L

CMP: Minor SOV Capacity

Adding Subcorr(s): 11A, 14C

This project includes the realignment and widening of Allentown Road for approximately 1400 ft. Modification of one signalized intersection will be included along Allentown Road at Orvilla Road. A four-legged intersection will be formed with the realigned Troxel Road, Allentown Road, and Orvilla Road. Left turning lanes will be provided along each road at the intersection. Realignment of Troxel Road will tie into Allentown Road at the new four-legged signalized intersection (approximately 1000 ft.). Project will also include minor realignment and approach widening of Orvilla Rd. The two-signal traffic system will be replaced with a single traffic signal and left-turn lanes, which will increase intersection efficiency and improve traffic safety. Troxel Road and Orvilla Road presently have no significant shoulder areas, no curbing and no sidewalks.

This project is contained in PennDOT's Strategic Safety Plan.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	
CON	STU	108												
		108	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2013-2016			108		Total FY2017-2020			0		Total FY2021-2024		0

DVRPC FY 2013-2016 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Montgomery

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

LIMITS Johnson Highway to Morris Road

No Let Date

IMPROVEMENT Roadway New Capacity

LRPID:56

MUNICIPALITIES: Whitpain Township; East Norriton Township; Norristown Borough

AQ Code:2030M

PLANNING AREA: Developed Community

DOD:

PROJECT MANAGER: TSS/MCF

CMP: Major SOV Capacity

Adding Subcorr(s): 2A, 8F, 9B

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	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	
FD	581	2,500												
		2,500	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2013-2016			2,500	Total FY2017-2020				0	Total FY2021-2024			0

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: 7/2/2015

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Lower Salford Township; Marlborough Township; Upper Salford Township

AQ Code:S19

PLANNING AREA: Growing Suburb; Rural Area

DOD: 2

PROJECT MANAGER: AECOM/MMP

CMP: Not SOV Capacity Adding

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	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	
ROW	STP	292												
UTL	STP	182												
CON	NHPP						5,072							
CON	185						1,268							
CON	NHPP							4,682						
CON	185							1,170						
		474	0	0	0	0	6,340	5,852	0	0	0	0	0	
		Total FY2013-2016			474	Total FY2017-2020				12,192	Total FY2021-2024			0

DVRPC FY 2013-2016 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: 6/5/2014

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Pennsburg Borough

AQ Code:S2

PLANNING AREA: Developed Community

DOD: 2

PROJECT MANAGER: P/CNV

CMP: Not SOV Capacity Adding

Adding Subcorr(s): 14G

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	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024
CON	185	0	0	0	0	1,970	0	0	0	0	0	0	0
		Total FY2013-2016				Total FY2017-2020				Total FY2021-2024			
		0				1,970				0			

DVRPC FY 2013-2016 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

Est Let Date: 1/15/2015

IMPROVEMENT Intersection/Interchange Improvements

MUNICIPALITIES: Perkiomen Township; Skippack Township

AQ Code:2025M

PLANNING AREA: Growing Suburb

DOD: 0

PROJECT MANAGER: AECOM/CC

CMP: Minor SOV Capacity

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	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024
FD	581		550										
ROW	SXF	800											
ROW	CAQ		1,368										
CON	NHPP			1,362									
CON	SXF			1,000									
CON	CAQ			4,884									
CON	CAQ				4,884								
CON	NHPP				1,362								
CON	SXF				681								
		800	1,918	7,246	6,927	0	0	0	0	0	0	0	0
		Total FY2013-2016		16,891		Total FY2017-2020			0	Total FY2021-2024			0

DVRPC FY 2013-2016 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 57858 Lafayette Street Extension (MG1) SR:9102

LIMITS Dannehower Bridge to PA Turnpike

No Let Date

IMPROVEMENT Roadway New Capacity

LRPID:55

MUNICIPALITIES: Norristown Borough; Plymouth Township

AQ Code:2035M

PLANNING AREA: Developed Community

DOD: 4

PROJECT MANAGER: EE/JB

CMP: Major SOV Capacity

Adding Subcorr(s): 1A, 8E, 9B

This project (Section MG1) serves as the design project for the Lafayette series of construction projects. The project will involve extending Lafayette Street past its current terminus at Ford Street to Conshohocken Road, and building slip-ramps at that point to connect Lafayette Street with the Pennsylvania Turnpike. 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.

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.

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.

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

TIP Program Years (\$ 000)

Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024
FD	STU	424											
FD	LOC	106											
ROW	STU		2,185										
ROW	LOC		546										
UTL	STU		2,623										
UTL	LOC		656										
		530	6,010	0	0	0	0	0	0	0	0	0	0
		Total FY2013-2016			6,540	Total FY2017-2020			0	Total FY2021-2024			0

DVRPC FY 2013-2016 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 57864 Cowpath Road/Godshall Road/Broad Street Improvements SR:1012

LIMITS At Cowpath Road/Godshall Road/Broad Street

Est Let Date: 3/14/2014

IMPROVEMENT Intersection/Interchange Improvements

MUNICIPALITIES: Franconia Township

AQ Code:R4

PLANNING AREA: Growing Suburb

DOD: 1

PROJECT MANAGER: HNTB/JA

CMP: Minor SOV Capacity

Adding Subcorr(s): 11A

Project S.R. 1012 (Godshall Road/West Broad Street) extends approximately 700 feet to either side of Cowpath Road intersection between Station 13+50.00 (Segment 0030/Offset 4060) and Station 28+50.00 (Segment 0040/Offset 0679). Work on T-410 (Cowpath Road) will extend approximately 650 feet to the West and 560 feet to the East of the intersection with Godshall Road between Station 12+25.00 and Station 24+30.00.

The project includes widening for its entire length to provide left turn lanes at all approaches and dedicated right turn lanes from westbound T-410 (Cowpath Road) and from northbound S.R. 1012 Godshall Road. Also, included is the addition of 4' shoulder and resurfacing near the limits of work of all approaches as the proposed vertical and horizontal alignments meet the adjacent existing alignments.

This project involves realignment of S.R. 1012 (Godshall Road and West Broad Street) in order to remove the offset that currently exists between the two roads and along the path of the state route.

S.R. 1012 currently consists of 11' lanes with shoulders varying from 0'-2'. The proposed design is comprised of 12' travel lanes, with 10' left turn lanes, a 12' right turn lane on the northbound approach and 4' shoulders.

T-410 currently consists of 11' lanes with shoulders varying from 0'-2'. The proposed design is comprised of 12' travel lanes, with 10' left turn lanes, a 12' right turn lane on the westbound approach and 4' shoulders.

Shoulders are to be widened from the existing 0'-2' to a 4' minimum. .

There are currently no accommodations for pedestrians or bicycles. Proposed pedestrian accommodations include sidewalk along the west side of S.R. 1012 (West Broad Street), cross walks and islands with associated hand/man pedestrian signals, and additional sidewalk near the intersection along (S.R. 1012) Godshall Road

-There are no adjacent projects requiring coordination at this time.

This project also includes the replacement of two non-historical bridges. Their sufficiency ratings are as follows:

SR 1012 over Skippack Creek: 95.7

Proposed New Structure: Prestressed Adjacent Box Beam

SR 1012 over Tributary to Skippack Creek:46.6

Proposed New Structure: Single Cell Precast Arch

Two retaining walls will also be constructed. One is located on the north side of Cowpath road, just east of the West Broad Street (SR 1012) intersection. The second is located along the east side of West Broad Street on the ramp carrying westbound traffic on Cowpath to northbound West Broad.

The project includes one (1) new signalized intersection with eleven (11) LED signal heads and four (4) LED pedestrian indications. The intersection is at Cowpath Road (T-410) and West Broad Street (SR 1012)/Godshall Road (SR 1012). The intersection signal will be traffic responsive with the use of video detection. Remote access is not included in the design. This project precedes the current Regional ITS Architecture; therefore compliance is out of scope.

TIP Program Years (\$ 000)

Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024
ROW	STP	120											
ROW	STU		600										
UTL	STP	56											
CON	STU		4,069										
		176	4,669	0	0	0	0	0	0	0	0	0	0
		Total FY2013-2016		4,845		Total FY2017-2020			0	Total FY2021-2024			0

DVRPC FY 2013-2016 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 57865 *Edge Hill Road Reconstruction SR:2034*

LIMITS Easton Road to Jenkintown Road

Est Let Date: 10/17/2019

IMPROVEMENT Roadway Rehabilitation

MUNICIPALITIES: Abington Township

AQ Code:S19

PLANNING AREA: Developed Community

DOD: 1

PROJECT MANAGER: HNTB/JA

CMP: Not SOV Capacity Adding

Adding Subcorr(s): 14E

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	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	
CON	STU									7,414				
CON	STP									8,555				
CON	581									3,992				
		0	0	0	0	0	0	0	0	19,961	0	0	0	
		Total FY2013-2016			0	Total FY2017-2020				0	Total FY2021-2024		19,961	

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

LIMITS At I-476 and PA 309

Est Let Date: 4/25/2013

IMPROVEMENT Signal/ITS Improvements

MUNICIPALITIES: Various

AQ Code:S7

PLANNING AREA:

DOD: 1

PROJECT MANAGER: AECOM/ER

CMP: Minor SOV Capacity

Adding Subcorr(s): 2A, 11A, 14C

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	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024
FD	CAQ	80											
FD	581	20											
ROW	CAQ	47											
ROW	581	12											
UTL	CMAQ		1,800										
CON	CAQ	2,456											
CON	SXF	3,344											
		5,959	1,800	0	0	0	0	0	0	0	0	0	0
		Total FY2013-2016			7,759	Total FY2017-2020				0	Total FY2021-2024		0

DVRPC FY 2013-2016 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: 2/1/2018

IMPROVEMENT Roadway New Capacity

LRPID:56

MUNICIPALITIES: Whitpain Township; East Norriton Township; Norristown Borough

AQ Code:2025M

PLANNING AREA: Developed Community

DOD: 1

PROJECT MANAGER: TSS/MCF

CMP: Major SOV Capacity

Adding Subcorr(s): 8F, 9B

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	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024
CON	STU								3,894				
CON	NHS								15,577				
CON	NHS									15,577			
CON	581									3,894			
CON	NHS										15,577		
CON	581										3,894		
		0	0	0	0	0	0	0	19,471	19,471	19,471	0	0
Total FY2013-2016		0				Total FY2017-2020				19,471	Total FY2021-2024		38,942

DVRPC FY 2013-2016 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: 4/3/2017

IMPROVEMENT Roadway New Capacity

LRPID:56

MUNICIPALITIES: Whitpain Township

AQ Code:2025M

PLANNING AREA: Developed Community

DOD: 2

PROJECT MANAGER: TSS/MCF

CMP: Major SOV Capacity

Adding Subcorr(s): 2A, 8F

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	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024
ROW	STU	20											
CON	NHS					17,485							
CON	NHS							19,992					
CON	NHS								19,638				
CON	NHS									831			
		20	0	0	0	0	17,485	19,992	19,638	831	0	0	0
		Total FY2013-2016			20	Total FY2017-2020			57,115	Total FY2021-2024			831

DVRPC FY 2013-2016 TIP for PA

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: 10/15/2017

IMPROVEMENT Roadway New Capacity

LRPID:56

MUNICIPALITIES: Whitpain Township; Lower Gwynedd Township; Upper Gwynedd Township

AQ Code:2025M

PLANNING AREA: Developed Community; Growing Suburb

DOD: 2

PROJECT MANAGER: TSS/MCF

CMP: Major SOV Capacity

Adding Subcorr(s): 8F, 12B, 14C

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	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024
ROW	NHPP		50										
ROW	581		13										
CON	NHS					22,700							
CON	581					5,674							
CON	NHS							22,700					
CON	581							5,674					
CON	NHS								22,700				
CON	581								5,674				
		0	63	0	0	0	28,374	28,374	28,374	0	0	0	0
Total FY2013-2016					63	Total FY2017-2020			85,122	Total FY2021-2024			0

DVRPC FY 2013-2016 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 63492 *US 202, Swedesford Rd. to PA 309 (Section 65N) SR:0202*

LIMITS Swedesford Road to Route 309

ctl Let Date: 12/17/2009

IMPROVEMENT Roadway New Capacity

MUNICIPALITIES: Lower Gwynedd Township; Montgomery Township; Upper Gwynedd Township

AQ Code:2020M

PLANNING AREA: Growing Suburb

DOD:

PROJECT MANAGER: CONSTR

CMP: Major SOV Capacity

Adding Subcorr(s): 8F, 14C

Widen US 202 Section 65N from two lanes to five lanes including a center turn lane in this section between Swedesford Road and Route 309 in Lower Gwynedd and Montgomery Townships. Traffic signal equipment will be replaced at certain intersections. This section was designed under Section 650 and ITS elements are included in this project.

CMP commitments include transit improvements to SEPTA's R5 regional rail, as well as pedestrian and bicycle improvements. See DVRPC's CMP 2008 Supplemental Project Status Memorandum for details.

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.

TOLL CREDIT

		TIP Program Years (\$ 000)											
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024
CON	STP	1,631											
CON	NHPP		1,254										
		1,631	1,254	0	0	0	0	0	0	0	0	0	0
		Total FY2013-2016		2,885		Total FY2017-2020			0	Total FY2021-2024			0

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

LIMITS At US 202/Route 309/PA 463

Est Let Date: 4/15/2015

IMPROVEMENT Intersection/Interchange Improvements

MUNICIPALITIES: Montgomery Township

AQ Code:2025M

PLANNING AREA: Growing Suburb

DOD: 2

PROJECT MANAGER: TSS/MCF

CMP: Minor SOV Capacity

Adding Subcorr(s): 8G, 12B, 14C

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	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024
FD	581	200											
UTL	581	947											
CON	581				5,534								
		1,147	0	0	5,534	0	0	0	0	0	0	0	0
		Total FY2013-2016		6,681		Total FY2017-2020			0	Total FY2021-2024			0

DVRPC FY 2013-2016 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 63494 US 202, Section 700 ITS

LIMITS PA 63/Welsh Rd to PA 611 Bypass

Actl Let Date: 5/12/2011

IMPROVEMENT Signal/ITS Improvements

MUNICIPALITIES: Doylestown Township; Lower Gwynedd Township; Upper Gwynedd Township

AQ Code:S7

PLANNING AREA: Developed Community; Growing Suburb

DOD:

PROJECT MANAGER: Gannett/SAN

CMP:

This project will assist in managing traffic in the corridor between Montgomeryville and Doylestown along the new US-202 Parkway and its intersections, existing US-202 Doylestown Rd, Upper State Rd, Stump Rd, and the Pa-611 By-Pass. Install dynamic message signs, cameras, and fiber; upgrade and coordinate traffic signals. Integrate into the District's Traffic Control Center and affected townships and boroughs.

ISTEA earmark - PA ID# 017

		TIP Program Years (\$ 000)												
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	
UTL	STU	150												
UTL	SXF		200											
		150	200	0	0	0	0	0	0	0	0	0	0	
		Total FY2013-2016			350	Total FY2017-2020				0	Total FY2021-2024			0

MPMS# 64275 PA 309, Commerce to Pennsylvania Ave (2) SR:0309

LIMITS Fort Washington Interchange (Sec. 103)

Actl Let Date: 9/16/2004

IMPROVEMENT Roadway Rehabilitation

MUNICIPALITIES: Upper Dublin Township; Whitmarsh Township

AQ Code:S10

PLANNING AREA: Developed Community

DOD:

PROJECT MANAGER: CONSTR

CMP: Minor SOV Capacity

Adding Subcorr(s): 1A, 14B

This project provides for the construction of the Fort Washington Interchange located between Commerce Rd. and Pennsylvania Avenue on Route 309, Section 103. It involves the replacement of the existing Norfolk Southern Railroad structure to accommodate the wider roadway. See MPMS #16476 for Section 100 which pertains to the roadway and overhead bridges between Haws Road and Highland Ave., not including the Ft. Washington Interchange.

This PA 309 reconstruction project consists of the complete removal and replacement of the existing roadway, widening the shoulders on both sides of the road in each direction, extending the acceleration and deceleration lanes and configuring the PA Turnpike Interchange. See MPMS #'s 16476, 16477, 16479, 64275 and 69799 for components of the Route 309 Reconstruction project.

CMP commitments include transit improvements to SEPTA's R5 regional rail. See DVRPC's CMP 2008 Supplemental Project Status Memorandum for details.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	
CON	STU	214												
		214	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2013-2016			214	Total FY2017-2020				0	Total FY2021-2024			0

DVRPC FY 2013-2016 TIP for PA

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Montgomery

MPMS# 64796 **US 422/PA 363 Interchange Reconstruction (4TR) - Part 2 of River Crossing Complex SR:0422**

LIMITS At US 422 and PA 363

Est Let Date: 11/1/2012

IMPROVEMENT Roadway New Capacity

LRPID:95

MUNICIPALITIES: Lower Providence Township; West Norriton Township

AQ Code:2025M

PLANNING AREA: Growing Suburb; Developed Community

DOD: 0

PROJECT MANAGER: EE/MDH

CMP: Major SOV Capacity

Adding Subcorr(s): 1A, 9B

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	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024
FD	NHPP		76										
FD	581		19										
ROW	STP*	500											
UTL	STP*	600											
CON	STU	2,272											
CON	TCS	660											
CON	NHS	23											
CON	TOLL												
CON	STU		3,000										
CON	NHS		3,260										
CON	TOLL												
CON	NHPP			9,328									

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4,055	6,355	9,328	0	0	0	0	0	0	0	0	0				
Total FY2013-2016		19,738		Total FY2017-2020				0				Total FY2021-2024		0	

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

LIMITS Over Amtrak/SEPTA

Est Let Date: 4/2/2015

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Narberth Borough

AQ Code:S19

PLANNING AREA: Developed Community

DOD: 1

PROJECT MANAGER: TSS/GANNETT

CMP: Not SOV Capacity Adding

Adding Subcorr(s): 7B

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	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024				
PE	BOO	100															
FD	BOO	448															
FD	183	84															
FD	LOC	28															
CON	BOF			3,897													
CON	183			731													
CON	LOC			244													
CON	BOF					1,650											
CON	183					309											
CON	LOC					244											
		660	0	4,872	0	2,203	0	0	0	0	0	0	0				
Total FY2013-2016				5,532		Total FY2017-2020				2,203				Total FY2021-2024		0	

DVRPC FY 2013-2016 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 64811 PA 463 Horsham Rd. SR:0463

LIMITS North Wales Rd. to General Hancock Rd.

No Let Date

IMPROVEMENT Roadway New Capacity

MUNICIPALITIES: Montgomery Township

AQ Code:2020M

PLANNING AREA: Growing Suburb

DOD:

PROJECT MANAGER: CONSTR

CMP: Major SOV Capacity

Adding Subcorr(s): 8G, 14C

Widen a 1,148 m (3,765') section of Horsham Road between General Hancock Boulevard and North Wales Road to 4 lanes. This is the continuation of a roadway widening project along this section of Horsham Road. The first project, S.R. 0463, Section 57S extended from Stump Road to General Hancock Boulevard. When completed Horsham Road will be widened to a minimum of four lanes from Stump Road on the east to North Wales Road on the west. Horsham Road west of North Wales Road is currently four lanes wide. The project will also provide for turning lanes at all intersections as well as a center/left turn lane throughout the projects limits. (Phase II, companion project to Phase I, TIP # 8757, culvert replacement/widening project.)

CMP commitments include bicycle and intersection improvements. Also see US 202 Section 700 commitments that impact this project. See DVRPC's CMP 2008 Supplemental Project Status Memorandum for details.

TIP Program Years (\$ 000)															
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024		
UTL	STU	42													
UTL	STU		21												
		42	21	0	0	0	0	0	0	0	0	0	0		
Total FY2013-2016		63			Total FY2017-2020				0				Total FY2021-2024		0

MPMS# 65910 Ambler Streetscape/Station Landscaping (TE) SR:0309

LIMITS Along Butler Pike/Vicinity of Ambler Train Station

No Let Date

IMPROVEMENT Streetscape

MUNICIPALITIES: Ambler Borough

AQ Code:X12

PLANNING AREA: Developed Community

DOD: 3

PROJECT MANAGER: EE/DVRPC/LS

CMP: Not SOV Capacity Adding

Project will include the addition of Victorian streetlights, trash receptacles, benches and street trees along Butler Avenue in Ambler Borough's central business district, as well as landscaping around the Ambler train station.

\$552,000 TE funds were approved during the FY2004 project selection process, to be programmed at the appropriate time, drawing funds from MPMS #64984. This project will be designed and constructed concurrently with MPMS #46953.

TOLL CREDIT

TIP Program Years (\$ 000)															
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024		
CON	SXF	74													
CON	STE	241													
CON	STE		624												
CON	STU		865												
		315	1,489	0	0	0	0	0	0	0	0	0	0		
Total FY2013-2016		1,804			Total FY2017-2020				0				Total FY2021-2024		0

DVRPC FY 2013-2016 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 66952 PA 23/Valley Forge Road and North Gulph Road Relocation (2NG) - Part 1 of River Crossing Complex SR:0422

LIMITS PA 23, Moore Road to County Line Road and US 422 O

Est Let Date: 1/15/2016

IMPROVEMENT Intersection/Interchange Improvements

MUNICIPALITIES: Upper Merion Township

AQ Code:R3

PLANNING AREA: Developed Community

DOD: 2

PROJECT MANAGER: EE/MDH

CMP: Minor SOV Capacity

Adding Subcorr(s): 1A, 9B

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) 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	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024
ROW	SXF	88											
ROW	581	23											
UTL	NHPP			1,981									
CON	STU				2,989								
CON	SXF				7,511								
		111	0	1,981	10,500	0	0	0	0	0	0	0	0
		Total FY2013-2016		12,592		Total FY2017-2020				0			
						Total FY2021-2024				0			

DVRPC FY 2013-2016 TIP for PA

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Montgomery

MPMS# 66986 *US 422, Schuylkill River Bridge Over Schuylkill River (M2A-Stowe) SR:0422*

LIMITS Over Schuylkill River

Est Let Date: 4/15/2014

IMPROVEMENT Bridge Repair/Replacement

LRPID:135

MUNICIPALITIES: West Pottsgrove Township; North Coventry Township

AQ Code:S19

PLANNING AREA: Developed Community; Growing Suburb

DOD: 4

PROJECT MANAGER: EE/LJL

CMP: Not SOV Capacity Adding

Reconstruct the bridge carrying SR 0422 over Schuylkill River in Chester and Montgomery Counties. The Schuylkill River Bridge is a fracture critical structure with Hone-like details. In 2003, a fracture crack was found in a girder carrying eastbound SR 0422, requiring closure of the bridge followed by the emergency repair work. The new structure will have a multi-girder superstructure. Structural improvements also include the replacement and extension of two (2) culverts. Also see MPMS #s 14698, 16738, 64220, and 64222. SAFETEA DEMO # 1202, PA ID# 384 \$1.2 MILLION

		TIP Program Years (\$ 000)												
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	
CON	581	51,039												
		0	51,039	0	0	0	0	0	0	0	0	0	0	
		Total FY2013-2016			51,039	Total FY2017-2020				0	Total FY2021-2024			0

MPMS# 69799 *PA 309, ITS Integration SR:0309*

LIMITS Cheltenham Avenue to PA 63 and PA 63 to US 202

Actl Let Date: 2/9/2007

IMPROVEMENT Signal/ITS Improvements

MUNICIPALITIES: Various

AQ Code:S7

PLANNING AREA:

DOD: 3

PROJECT MANAGER: CONSTR

CMP: Not SOV Capacity Adding

Adding Subcorr(s): 1A, 14A, 14B

This project would provide for the installation of ITS elements (conduit, junction boxes, and fiber optics) for the full length of the Route 309 Reconstruction project between Cheltenham Avenue and PA Route 63 in Montgomery County. In addition, ITS infrastructure components would be installed along the Pennsylvania Turnpike between the 309 Fort Washington Interchange and the Plymouth Meeting/Blue Route/I-476 Interchange of the Turnpike in order to better coordinate activity on the two facilities and tie the system into PENNDOT's central Control Center in King of Prussia.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	
CON	NHS*	500												
CON	STU	425												
		925	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2013-2016			925	Total FY2017-2020				0	Total FY2021-2024			0

DVRPC FY 2013-2016 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 70197 **US 422, (New) Expressway Bridge Over Schuylkill River (SRB) - Part 3 of River Crossing Complex**
SR:0422

LIMITS Over Schuylkill River

Est Let Date: 1/8/2015

IMPROVEMENT Roadway New Capacity

LRPID:96

MUNICIPALITIES: Upper Merion Township; West Norriton Township

AQ Code:2025M

PLANNING AREA: Developed Community

DOD: 0

PROJECT MANAGER: EE/MDH

CMP: Major SOV Capacity

Adding Subcorr(s): 9B

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 #16489 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) 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

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	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024
FD	NHPP		561										
FD	581		112										
ROW	BOO	1,531											
ROW	185	324											
ROW	NHPP		336										
ROW	185		142										
UTL	NHPP		2,404										
UTL	TOLL												
CON	STU					24,361							
CON	916					6,090							

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CON STU						24,361							
CON 916						6,090							
CON STU							24,361						
CON 916							6,090						
CON STU								8,820					
CON 916								6,090					
CON STU									39,902				
CON 916									6,090				
	1,855	3,555	0	0	0	30,451	30,451	30,451	14,910	45,992	0	0	
	Total FY2013-2016			5,410	Total FY2017-2020			91,353	Total FY2021-2024		60,902		

MPMS# 71203 *Flourtown-Erdenheim Community Gateways (TE) SR:2018*

LIMITS Bethlehem Pike at East Mill Road and Penn Oak Road

No Let Date

IMPROVEMENT Streetscape

MUNICIPALITIES: Springfield Township

AQ Code:X12

PLANNING AREA: Developed Community

DOD: 1

PROJECT MANAGER: CONSTR

CMP: Not SOV Capacity Adding

Adding Subcorr(s): 1A, 14B

Establish gateway medians and install street trees to delineate entranceways to the Flourtown and Erdenheim Village Shopping Districts and the Valley Green Road Commercial Center. Gateways will be constructed at three locations, Bethlehem Pike and Valley Green Road, East Mill Road and Penn Oak Road, and Bethlehem Pike and Gordon Road.

\$190,900 TE funds were approved during the FY2004 project selection process, to be programmed at the appropriate time, drawing funds from MPMS #64984.

		TIP Program Years (\$ 000)											
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024
CON	STE	0	0	0	0	0	0	0	0	0	0	0	0
		Total FY2013-2016			0	Total FY2017-2020			0	Total FY2021-2024			0

DVRPC FY 2013-2016 TIP for PA

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Montgomery

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

LIMITS Over Wissahickon Creek

Est Let Date: 1/8/2015

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Whitemarsh Township

AQ Code:S19

PLANNING AREA: Developed Community

DOD: 1

PROJECT MANAGER: TSS/GANNETT

CMP: Not SOV Capacity Adding

Adding Subcorr(s): 15B

This project involves rehabilitating or replacing the heavily traveled bridge across the Wissahickon Creek in Whitemarsh. The bridge was temporarily closed for some stop gap repairs and now allows a restricted 3 ton weight limit. The county hopes to 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	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024
FD	BOO	488											
FD	183	92											
FD	LOC	31											
ROW	BOO	37											
ROW	183	7											
ROW	LOC	2											
UTL	STU		28										
UTL	183		5										
UTL	LOC		2										
CON	STP					5,779							
CON	183					1,084							
CON	LOC					361							
		657	35	0	0	7,224	0	0	0	0	0	0	0
		Total FY2013-2016			692	Total FY2017-2020			7,224	Total FY2021-2024			0

DVRPC FY 2013-2016 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 72977 *Butler Pike Pedestrian Walkway Improvements (HTSSRS)*

LIMITS Germantown Pike, Whitemarsh High School to Butler

No Let Date

IMPROVEMENT Streetscape

MUNICIPALITIES: Whitemarsh Township

AQ Code:A2

PLANNING AREA: Developed Community

DOD: 0

PROJECT MANAGER: W/DVRPC/JC

CMP: Not SOV Capacity Adding

Adding Subcorr(s): 2B, 15B

The proposed improvement include 150 LF of 6' wide sidewalk, curbing and segmental block wall, 4 ADA Access Ramps, crosswalk striping, installation of 5 push button access & 6 pedestrian head signals, 2 bus shelters with street furniture along SEPTA Bus Route 95 i.e. Germantown Pike (SR 3053) from Whitemarsh High School to Butler Pike (SR 3016) and at the intersection of S.R. 3053 & S.R. 3016.

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. \$187,335 funding will be drawn from MPMS #64984 at the appropriate time.

		TIP Program Years (\$ 000)											
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024
CON	STE												
		0	0	0	0	0	0	0	0	0	0	0	0
		Total FY2013-2016			0	Total FY2017-2020			0	Total FY2021-2024			0

MPMS# 72978 *Norristown Main Street Streetscape - Phase III (HTSSRS)*

LIMITS Cherry Street to Barbadoes Street

Actl Let Date: 6/21/2012

IMPROVEMENT Streetscape

MUNICIPALITIES: Norristown Borough

AQ Code:A2

PLANNING AREA: Developed Community

DOD: 4

PROJECT MANAGER: EE/DVRPC/LS

CMP: Not SOV Capacity Adding

Adding Subcorr(s): 8E, 9B

Continuation of existing streetscape improvement project. Phase III will consist of new sidewalks to improve pedestrian safety and increase foot traffic in the Borough's main commercial corridor along Main Street from Cherry Street to Barbadoes Street. New street trees, historic lightning and other amenities will be provided once the improvements are completed. Improvements will eliminate existing tripping hazards and ensure ADA compliance.

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. \$529,840 funding will be drawn from MPMS #64984 at the appropriate time.

		TIP Program Years (\$ 000)											
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024
CON	STE												
		0	0	0	0	0	0	0	0	0	0	0	0
		Total FY2013-2016			0	Total FY2017-2020			0	Total FY2021-2024			0

DVRPC FY 2013-2016 TIP for PA

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Montgomery

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

LIMITS Horsham Road to Summit Avenue

No Let Date

IMPROVEMENT Streetscape

MUNICIPALITIES: Hatboro Borough

AQ Code:A2

PLANNING AREA: Developed Community

DOD: 2

PROJECT MANAGER: EE/DVRPC/LS

CMP: Not SOV Capacity Adding

Adding Subcorr(s): 1A, 12A

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	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	
CON	STP		312											
CON	STU		489											
		0	801	0	0	0	0	0	0	0	0	0	0	
		Total FY2013-2016			801	Total FY2017-2020				0	Total FY2021-2024			0

MPMS# 74807 North Broad Streetscape Improvements

LIMITS Lansing Avenue to Lynwood Road

Est Let Date: 5/23/2014

IMPROVEMENT Streetscape

MUNICIPALITIES: Hatfield Township

AQ Code:A2

PLANNING AREA: Growing Suburb

DOD: 1

PROJECT MANAGER: TSS/DMB

CMP: Not SOV Capacity Adding

Adding Subcorr(s): 14C

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	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	
CON	TOLL													
CON	SXF	100												
CON	LOC	42												
		142	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2013-2016			142	Total FY2017-2020				0	Total FY2021-2024			0

DVRPC FY 2013-2016 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 74813 *Ambler Pedestrian Sidewalk Improvements*

LIMITS Orange Avenue/Highland Avenue/Southern Park Avenue

Est Let Date: 1/15/2014

IMPROVEMENT Bicycle/Pedestrian Improvement

MUNICIPALITIES: Ambler Borough

AQ Code:A2

PLANNING AREA: Developed Community

DOD: 3

PROJECT MANAGER: EE/DVRPC/JPB

CMP: Not SOV Capacity Adding

Adding Subcorr(s): 14B

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.

SAFETEA DEMO #2058 - \$520,000. PA ID #425. \$354,000 DEMO applied to this project. Also see MPMS #48173.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	
CON	SXF	354												
		354	0	0	0	0	0	0	0	0	0	0	0	
Total FY2013-2016		354			Total FY2017-2020				0				Total FY2021-2024	0

MPMS# 74815 *Upper Gwynedd Streetscape Improvements*

LIMITS At West Point Avenue and Garfield Avenue

Est Let Date: 3/7/2013

IMPROVEMENT Streetscape

MUNICIPALITIES: Upper Gwynedd Township

AQ Code:A2

PLANNING AREA: Growing Suburb

DOD: 0

PROJECT MANAGER: DAVIES/LEF

CMP: Not SOV Capacity Adding

Adding Subcorr(s): 8F

Streetscape improvement at West Point and Garfield Avenues, including curb and sidewalk reconstruction and improved lighting in the four block section surrounding the intersection of West Point and Garfield Avenue.

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

SAFETEA DEMO ID #3519 - \$300,000. PA ID #521

		TIP Program Years (\$ 000)												
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	
CON	SXF		300											
		0	300	0	0	0	0	0	0	0	0	0	0	
Total FY2013-2016		300			Total FY2017-2020				0				Total FY2021-2024	0

DVRPC FY 2013-2016 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 74817 PA 263, York Road Hatboro Revitalization (TE)

LIMITS Horsham Road to Summit Avenue

Est Let Date: 6/16/2014

IMPROVEMENT Streetscape

MUNICIPALITIES:

AQ Code:X12

PLANNING AREA:

DOD: 2

PROJECT MANAGER: EE/DVRPC/LS

CMP: Not SOV Capacity Adding

Adding Subcorr(s): 12A, 14F

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 down at the appropriate time and programmed in MPMS #72994 for this project.

SAFETEA DEMO 109, PA ID #308 - \$1 MILLION DEMO has been programmed for this project in MPMS #74817.

		TIP Program Years (\$ 000)													
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024		
CON	SXF		1,000												
		0	1,000	0	0	0	0	0	0	0	0	0	0		
Total FY2013-2016		1,000			Total FY2017-2020				0			Total FY2021-2024			0

MPMS# 74937 Whitemarsh Township Street Improvements (TE)

LIMITS Germantown Pike, Church Road to Joshua Road

Est Let Date: 7/15/2014

IMPROVEMENT Bicycle/Pedestrian Improvement

MUNICIPALITIES: Whitemarsh Township

AQ Code:S6

PLANNING AREA: Developed Community

DOD: 1

PROJECT MANAGER: EE/DVRPC/JC

CMP: Not SOV Capacity Adding

Adding Subcorr(s): 15B

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.

(2) SAFETEA-LU earmarks, ID# 3516/ PA ID# 518 (\$640,000); ID #2556/PA ID# 453 (\$1.2 mil). MPMS #74937/74816

		TIP Program Years (\$ 000)													
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024		
CON	SXF		640												
		0	640	0	0	0	0	0	0	0	0	0	0		
Total FY2013-2016		640			Total FY2017-2020				0			Total FY2021-2024			0

DVRPC FY 2013-2016 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 77462 *Collegeville Main Street Revitalization - Phase 3 (HTSSRS)*

LIMITS 1st Avenue to 4th Avenue

No Let Date

IMPROVEMENT Streetscape

MUNICIPALITIES: Collegeville Borough

AQ Code:X12

PLANNING AREA: Developed Community

DOD: 0

PROJECT MANAGER: CONSTR.

CMP: Not SOV Capacity Adding

Adding Subcorr(s): 9A

Enhance the pedestrian experience on Main Street by completing curb, sidewalk, landscape, and lighting improvements between 1st Ave and 4th Ave.

In the spring of 2006 this project was recommended for funding through the Home Town Streets Program. \$522,950 will be drawn from MPMS #64984 at the appropriate time.

		TIP Program Years (\$ 000)											
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024
CON	STE												
		0	0	0	0	0	0	0	0	0	0	0	0
Total FY2013-2016		0				Total FY2017-2020				0			
						Total FY2017-2020				Total FY2021-2024			
										0			

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

New-B

LIMITS Pottstown Boro

No Let Date

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Pottstown Borough

AQ Code:S19

PLANNING AREA: Developed Community

DOD: 4

PROJECT MANAGER: TSS/HPF

CMP: Not SOV Capacity Adding

Adding Subcorr(s): 9A, 16A

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	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024
FD	NHPP							126					
FD	185							31					
ROW	NHPP								130				
ROW	185								32				
CON	NHPP									446			
CON	185									112			
Total FY2013-2016		0				Total FY2017-2020				Total FY2021-2024			
										558 0 0 0			
										558			

DVRPC FY 2013-2016 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 79863 Lafayette Street, Ford Street to Conshohocken Road Extension (MGP)

LIMITS Ford Street to Conshohocken Road

Est Let Date: 11/7/2013

IMPROVEMENT Roadway New Capacity

LRPID:55

MUNICIPALITIES: Norristown Borough; Plymouth Township

AQ Code:2025M

PLANNING AREA: Developed Community

DOD: 5

PROJECT MANAGER: EE/JB

CMP: Major SOV Capacity

Adding Subcorr(s): 1A, 8E, 9B

This project (Section MGP) will extend Lafayette Street as a four lane roadway on a new alignment to tie into a new PA Turnpike interchange. This new section between Ford Street and Conshohocken Road will be constructed and will provide turn lanes onto Conshohocken Road.

This project is a component of a much larger project aimed at extending Lafayette Street past its current terminus at Ford Street to Conshohocken Road, and building new slip-ramps at that point to connect Lafayette Street with the Pennsylvania Turnpike. 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.

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	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024		
CON	STU	5,363													
CON	LOC	1,342													
CON	STU		5,363												
CON	LOC		1,342												
		6,705	6,705	0	0	0	0	0	0	0	0	0	0		
		Total FY2013-2016			13,410			Total FY2017-2020			0			Total FY2021-2024	

DVRPC FY 2013-2016 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: 1/12/2015

IMPROVEMENT Roadway New Capacity

LRPID:55

MUNICIPALITIES: Norristown Borough

AQ Code:2025M

PLANNING AREA: Developed Community

DOD: 4

PROJECT MANAGER: EE/JB

CMP: Major SOV Capacity

Adding Subcorr(s): 8E, 9B

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 Conshohocken Road, and building new slip-ramps at that point to connect Lafayette Street with the Pennsylvania Turnpike. 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.

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	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024
CON	STU			6,638									
CON	LOC			1,724									
CON	STU				10,478								
CON	LOC				2,684								
		0	0	8,362	13,162	0	0	0	0	0	0	0	0
		Total FY2013-2016		21,524		Total FY2017-2020				0			
						Total FY2021-2024				0			

DVRPC FY 2013-2016 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Montgomery

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

LIMITS Main Street to Harding Boulevard

Est Let Date: 1/15/2015

IMPROVEMENT Intersection/Interchange Improvements

LRPID:21

MUNICIPALITIES: Norristown Borough

AQ Code:2025M

PLANNING AREA: Developed Community

DOD: 5

PROJECT MANAGER: EE/JB

CMP: Major SOV Capacity

Adding Subcorr(s): 8E, 9B

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 rehabilitation of the box beam structure carrying the southbound lanes over Stony Creek. Also included in this section will be rehabilitation of the Main Street arch bridge 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 is anticipated. 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	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024
CON	STU			7,428									
CON	STU				6,000								
CON	581				1,530								
		0	0	7,428	7,530	0	0	0	0	0	0	0	0
		Total FY2013-2016		14,958		Total FY2017-2020				0			
						Total FY2021-2024				0			

DVRPC FY 2013-2016 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Montgomery

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

LIMITS Harding Boulevard to Johnson Highway

Est Let Date: 11/29/2012

IMPROVEMENT Intersection/Interchange Improvements

LRPID:21

MUNICIPALITIES: East Norriton Township; Norristown Borough

AQ Code:2025M

PLANNING AREA: Developed Community

DOD: 5

PROJECT MANAGER: EE/JB

CMP: Major SOV Capacity

Adding Subcorr(s): 1A, 8E, 9B

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	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024		
CON	STU	8,275													
CON	SXF	1,000													
CON	581	2,069													
CON	NHPP		8,275												
CON	581		2,069												
		11,344	10,344	0	0	0	0	0	0	0	0	0	0		
		Total FY2013-2016			21,688			Total FY2017-2020			0			Total FY2021-2024	
													0		

DVRPC FY 2013-2016 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 80052 *Fetters Mill Bridge Over Pennypack Circle*

LIMITS Over Pennypack Circle

Est Let Date: 12/4/2014

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Bryn Athyn Borough; Lower Moreland Township

AQ Code:S19

PLANNING AREA: Developed Community

DOD: 2

PROJECT MANAGER: TSS/GANNETT

CMP: Not SOV Capacity Adding

Adding Subcorr(s): 12A

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	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024			
FD	BOO	327														
FD	183	61														
FD	LOC	20														
ROW	BOO	93														
ROW	183	18														
ROW	LOC	6														
CON	BOF					2,102										
CON	185					394										
CON	LOC					131										
		525	0	0	0	2,627	0	0	0	0	0	0	0			
		Total FY2013-2016				525	Total FY2017-2020				2,627	Total FY2021-2024				0

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

LIMITS Over Green Lane Reservoir

Est Let Date: 10/2/2014

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Upper Hanover Township

AQ Code:S19

PLANNING AREA: Rural Area

DOD: 0

PROJECT MANAGER: TSS/GANNETT

CMP: Not SOV Capacity Adding

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	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024			
FD	BOO*	100														
CON	STU			1,783												
CON	183			334												
CON	LOC			111												
		100	0	2,228	0	0	0	0	0	0	0	0	0			
		Total FY2013-2016				2,328	Total FY2017-2020				0	Total FY2021-2024				0

DVRPC FY 2013-2016 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Montgomery

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

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

Actl Let Date: 7/30/2009

IMPROVEMENT Roadway Rehabilitation

MUNICIPALITIES: Lower Merion Township; Plymouth Township; West Conshohocken Borough

AQ Code:S10

PLANNING AREA: Developed Community

DOD:

PROJECT MANAGER: CONSTR

CMP: Not SOV Capacity Adding

Adding Subcorr(s): 2B, 3C

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	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	
CON	STU	991												
CON	NHS	2,782												
CON	NHPP		7,842											
		3,773	7,842	0	0	0	0	0	0	0	0	0	0	
		Total FY2013-2016			11,615	Total FY2017-2020				0	Total FY2021-2024			0

DVRPC FY 2013-2016 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: 4/5/2018

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES:

AQ Code:S19

PLANNING AREA:

DOD: 2

PROJECT MANAGER: TSS/GANNETT

CMP: Not SOV Capacity Adding

Adding Subcorr(s): 9A

This project involves rehabilitating or replacing the existing structure that is 8 span, 749' steel Pony Truss over Schuylkill River. It is posted for 22 tons, and carries two 10' lanes and one 5' sidewalk. 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	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024
FD	STU			843									
FD	183			158									
FD	LOC			53									
UTL	STP					53							
UTL	183					10							
UTL	LOC					3							
CON	STP						5,466						
CON	183						1,025						
CON	LOC						342						
CON	STP							5,466					
CON	183							1,025					
CON	LOC							342					
CON	STP								5,466				
CON	183								1,025				
CON	LOC								342				
		0	0	1,054	0	66	6,833	6,833	6,833	0	0	0	0
		Total FY2013-2016			1,054	Total FY2017-2020			20,565	Total FY2021-2024			0

DVRPC FY 2013-2016 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 84868 US 202-650 TSM Improvements

LIMITS Roadway New Capacity No Let Date
IMPROVEMENT LRPID:56
MUNICIPALITIES: Lower Gwynedd Township AQ Code:R1
PLANNING AREA: Growing Suburb DOD:
PROJECT MANAGER: CONSTR **CMP:**

Project includes US 202-650 off-line improvements and relocation of Meeting House Road in Lower Gwynedd Township. Meeting House Road relocation includes the construction of the new Meeting House Road alignment and new connection to Dekalb Pike approximately 650 feet north of its current location. This relocation will assist in addressing traffic congestion of Section 650, due to the delay of Section 65S. Other intersection improvements include sight distance improvements at Plymouth Road and Grasshopper Lane, and Evans Road and Gypsy Hill Road; left turn lanes, new signal, curb and radius improvements on SR 2016 and Sumneytown Pike; addition of shoulder, curb, and radius improvements on SR 2016 and Tanglewood Drive, and addition of right turn lane on Evans Road and Welsh Road.

These improvements are recommendations from the US 202, Section 600 Traffic Management Plan (TMP), and will be implemented during the construction of US 202, Section 650. See MPMS#: 63491(65S) and 63492 (65N).

Design work for this project is funded under MPMS# 16755 - US 202, Section 650.

		TIP Program Years (\$ 000)											
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024
CON	CAQ	100											
		100	0	0	0	0	0	0	0	0	0	0	0
Total FY2013-2016		100				Total FY2017-2020				0			
						0				Total FY2021-2024			
										0			

MPMS# 86336 Congo Road Bridge Replacement

LIMITS Congo Road over Middle Creek Est Let Date: 2/15/2017
IMPROVEMENT Bridge Repair/Replacement
MUNICIPALITIES: AQ Code:S19
PLANNING AREA: DOD: 1
PROJECT MANAGER: **CMP:** Not SOV Capacity Adding

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	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024
PE	STP		16										
PE	185		4										
PE	BOF					271							
PE	185					68							
Total FY2013-2016		20				Total FY2017-2020				339			
						0				Total FY2021-2024			
										0			

DVRPC FY 2013-2016 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 86924 PA 422, Resurfacing (PM2)

LIMITS west of Royersford Rd. to west of Sanatoga Rd

Est Let Date: 10/15/2015

IMPROVEMENT Roadway Rehabilitation

MUNICIPALITIES: Various

AQ Code:S10

PLANNING AREA:

DOD: 0

PROJECT MANAGER: TSS/HPF

CMP: Not SOV Capacity Adding

Adding Subcorr(s): 9A

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	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	
FD	NHPP		350											
UTL	NHPP		200											
CON	NHPP			6,588										
CON	STU				2,656									
CON	STP				7,434									
CON	STP					3,713								
CON	STP									2,000				
		0	550	6,588	10,090	3,713	0	0	0	2,000	0	0	0	
		Total FY2013-2016			17,228	Total FY2017-2020				3,713	Total FY2021-2024			2,000

DVRPC FY 2013-2016 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 87091 Lower Merion Township Bike/Ped Improv (PCTI) - Round 1

LIMITS No Let Date

IMPROVEMENT Bicycle/Pedestrian Improvement

MUNICIPALITIES: Lower Merion Township AQ Code:A2

PLANNING AREA: Developed Community DOD:

PROJECT MANAGER: EE/DVRPC/RG CMP:

Cynwyd Trail and Station Access Improvements - This project will construct bicycle and pedestrian improvements from Cynwyd station to the Cynwyd trail, extending the commuter platform past the end of active line and providing a safe dedicated connection between the station and its associated parking lots and the trail.

The platform extension will include ADA accessible ramps. In addition, this project also includes funding for 300 feet of context sensitive fencing to separate the active line and the section of the trail that connects to the Bala Commercial District.

When completed, Cynwyd Station will serve as a safe, attractive gateway between the Cynwyd Trail and the Bala Commercial District and the surrounding Bala Cynwyd residential neighborhoods. In addition Cynwyd Station will serve as the eastern trail anchor that also connects with the Main Street Manayunk Commercial District and the Ivy Ridge Commuter Station in Manayunk.

This project was awarded \$350,000 in Pennsylvania Community Transportation Initiative (PCTI) funding in May of 2009.

		TIP Program Years (\$ 000)														
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024			
CON	TOLL															
CON	STP	8														
		8	0	0	0	0	0	0	0	0	0	0	0			
		Total FY2013-2016				8	Total FY2017-2020				0	Total FY2021-2024				0

DVRPC FY 2013-2016 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 87097 **Pottstown Borough Improvements (SRTSF) - Round 1**

LIMITS Vicinity of Pottstown's 5 elementary schools

No Let Date

IMPROVEMENT Bicycle/Pedestrian Improvement

MUNICIPALITIES: Pottstown Borough

AQ Code:A2

PLANNING AREA: Developed Community

DOD: 4

PROJECT MANAGER: EE/DVRPC/JPB

CMP: Not SOV Capacity Adding

Adding Subcorr(s): 9A, 16A

This project will include sidewalk rehabilitation, updated and new signage, and pavement markings.

The proposed improvements at each of the Borough's elementary schools aim to create a safe environment for children to walk and bike to school. The addition of crosswalks with diagonal markings will create more of an awareness for drivers and also provide the children with an identified area for safe crossings. The addition of stop bars to intersections will alert the drivers approaching intersection where they should be stopping thus creating a safer environment to cross. Improvements to the sidewalks on school property will eliminate any hazards that would hinder students walking to and from school. Upgrading all the signage along key walking/biking paths students take will rectify a very hazardous situation for students walking to and from school.

This project was awarded \$224,649 in federal Safe Routes to School (SRTSF) funding in May of 2009.

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

Federal Safe Routes to School Program

		TIP Program Years (\$ 000)													
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024		
PE	SRTSF	80													
FD	SRTSF	10													
CON	SRTSF	134													
		224	0	0	0	0	0	0	0	0	0	0	0		
		Total FY2013-2016			224	Total FY2017-2020				0	Total FY2021-2024				0

DVRPC FY 2013-2016 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: 4/24/2014

IMPROVEMENT Bicycle/Pedestrian Improvement

MUNICIPALITIES: Upper Gwynedd Township

AQ Code:A2

PLANNING AREA: Growing Suburb

DOD: 0

PROJECT MANAGER:

CMP: Not SOV Capacity Adding

Adding Subcorr(s): 8F, 12B, 14C

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.

Federal Safe Routes to School Program

		TIP Program Years (\$ 000)												
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	
PE	SRTSF	220												
FD	SRTSF	20												
CON	SRTSF	901												
		1,141	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2013-2016			1,141	Total FY2017-2020				0	Total FY2021-2024			0

DVRPC FY 2013-2016 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 87392 Lafayette Street Extension (MGL)

LIMITS Norristown Borough Line to I-276

Est Let Date: 1/2/2014

IMPROVEMENT Roadway New Capacity

LRPID:55

MUNICIPALITIES:

AQ Code:2025M

PLANNING AREA:

DOD: 1

PROJECT MANAGER:

CMP: Major SOV Capacity

Adding Subcorr(s): 1A, 8E, 9B

The project will improve the following roads around the new Lafayette Street/I-276 turnpike EZ Pass-only interchange (see MPMS# 57858 Ridge Pike, Conshohocken road, Diamond Avenue, New Connector Road; replace NS rail bridge.

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	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	
CON	STU		5,445											
CON	LOC		1,089											
CON	STU			5,445										
CON	LOC			1,089										
CON	STU				5,445									
CON	LOC				1,089									
		0	6,534	6,534	6,534	0	0	0	0	0	0	0	0	
		Total FY2013-2016			19,602	Total FY2017-2020				0	Total FY2021-2024			0

DVRPC FY 2013-2016 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 87522 I-76 Mudslide Improvements

LIMITS Conshohocken curve from MP 334 to MP 335

Est Let Date: 7/26/2012

IMPROVEMENT Roadway Rehabilitation

MUNICIPALITIES: Conshohocken Borough; Lower Merion Township

AQ Code:X13

PLANNING AREA: Developed Community

DOD: 1

PROJECT MANAGER: DAVIES/LEF

CMP: Not SOV Capacity Adding

Due to the mudslides and flooding that occurred as a result of a storm on August 2, 2009 on the I-76/Schuylkill Expressway, a hydraulic study was initiated to look at mitigative measures that could be taken to help prevent the reoccurrence of flooding and mudslides. The study, completed in 2010, recommended various major and interim improvements that are needed in the area to prevent another slope failure. These improvements include:

- Cleaning and re-establishing the existing cutoff ditch and headwall system along the western shoulder barrier of I-76.
- Slope stabilization within the right of way on the west side of I-76.
- Stabilization and armoring of the existing natural drainage channels in up-slope wooded areas, west of I-76. Methods used for stabilization and armoring may include riprap stabilization, slope protection with geonet, gabion and/or geogrid geotextile products.
- Modifying existing storm drainage by re-configuring existing pipes to provide better flow characteristics
- Providing an additional cross-pipe to improve the drainage conditions at the true sag location in addition to upgrading existing cross-pipes, adding five new inlets and changing the profiles at these locations.
- Installation of a detention basin to mitigate the existing offsite flow impacting the highway.

These improvements will require I-76 to have one or more lanes to be closed during construction.

		TIP Program Years (\$ 000)													
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024		
ROW	STP	42													
ROW	581	11													
CON	NHPP				955										
CON	581				239										
		53	0	0	1,194	0	0	0	0	0	0	0	0		
		Total FY2013-2016			1,247	Total FY2017-2020				0	Total FY2021-2024				0

DVRPC FY 2013-2016 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 87938 *Bethlehem Pike Roadway Streetscape Improvements (TCSP)*

LIMITS Whitemarsh Township to Philadelphia County Line

No Let Date

IMPROVEMENT Intersection/Interchange Improvements

MUNICIPALITIES: Springfield Township

AQ Code:R4

PLANNING AREA: Rural Area

DOD: 1

PROJECT MANAGER: **CMP:** Not SOV Capacity Adding

This project will implement a new roadway realignment plan along the length of Bethlehem Pike (SR 2018) in Springfield Township. The proposed configuration will eliminate the current four-lane travel alignment in favor of a new "road diet" plan providing two travel lanes, a center left-turn lane, a single lane of on-street parking, and share the road markings for bicyclists. The total cost for this work is estimated to be \$570,000, \$95,000 of which will be provided by the Township for engineering and design work.

\$444,600 FY2009 TCSP funds has been awarded to this project. The Transportation, Community, and System Preservation (TCSP) Program, an initiative of SAFETEA-LU which authorized the TCSP Program from FY2005 through FY2009, is a comprehensive initiative of research and grants to investigate the relationships between transportation, community, and system preservation plans and practices, and identify private sector-based initiatives to improve such relationships.

This project was combined with MPMS# 74801.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	
CON	TCS	448												
		448	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2013-2016			448	Total FY2017-2020				0	Total FY2021-2024			0

MPMS# 89715 *US 422, Sanatoga Interchange Ramp Improvements*

LIMITS US 422 at Evergreen Road

No Let Date

IMPROVEMENT Intersection/Interchange Improvements

MUNICIPALITIES: Limerick Township

AQ Code:R3

PLANNING AREA: Growing Suburb

DOD:

PROJECT MANAGER: EE/MDH **CMP:** Not SOV Capacity Adding

This project includes improvements to the existing ramps of the Sanatoga Interchange, which lies at the intersection of US 422 and Evergreen Road.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	
PE	LOC	400												
		400	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2013-2016			400	Total FY2017-2020				0	Total FY2021-2024			0

DVRPC FY 2013-2016 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 90006 Trooper Road Closed Loop (TCSP)

LIMITS Germantown Pike to US 422

Est Let Date: 7/26/2012

IMPROVEMENT Signal/ITS Improvements

MUNICIPALITIES:

AQ Code:2015M

PLANNING AREA:

DOD: 0

PROJECT MANAGER:

CMP: Minor SOV Capacity

Adding Subcorr(s): 9B

This project involves the upgrade and inclusion of seven intersections along Trooper Road, between Germantown Pike and US 422 into an existing closed loop signal system. These intersections include: Trooper and Norrington, Trooper and Main, Trooper and Egypt, Trooper and Boulevard, Trooper and Norris Hall, Trooper and Van Buren, Trooper and Germantown, and Trooper and Audubon. Cameras will also be installed on the following roads: Four on Trooper Road and one camera on Main St., Audubon, Van Buren, Boulevard, and Egypt.

Lower Providence Township operates and monitors a closed loop signal system along Ridge Pike from its master controller location in Lower Providence Township's Police Department. The new project would be coordinated with the Ridge Pike system in which the cameras are owned and operated by the municipalities, alleviating any burden to PennDOT and with all data shared with the department.

\$222,300 FY2009 TCSP funds has been awarded to this project. The Transportation, Community, and System Preservation (TCSP) Program, an initiative of SAFETEA-LU which authorized the TCSP Program from FY2005 through FY2009, is a comprehensive initiative of research and grants to investigate the relationships between transportation, community, and system preservation plans and practices, and identify private sector-based initiatives to improve such relationships.

The engineering and design phase for this project will be locally funded by both Lower Providence and West Norriton Townships.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	
CON	TCS	222												
CON	LOC	56												
		278	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2013-2016			278	Total FY2017-2020				0	Total FY2021-2024			0

MPMS# 92807 Skippack Pike Bridge Replacement

LIMITS Skippack Pike over the Skippack Creek

Est Let Date: 10/16/2017

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES:

AQ Code:S19

PLANNING AREA:

DOD: 0

PROJECT MANAGER:

CMP: Not SOV Capacity Adding

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	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	
PE	NHPP		20											
PE	185		5											
PE	NHPP					315								
PE	185					79								
		0	25	0	0	394	0	0	0	0	0	0	0	
		Total FY2013-2016			25	Total FY2017-2020				394	Total FY2021-2024			0

DVRPC FY 2013-2016 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 92839 Ridge Pike/two RR Bridges

New-B

LIMITS From 250'west of the County Bridge 257/NS to 250' east of the bridge and from 250'west of bridge ove

No Let Date

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES:

AQ Code:S19

PLANNING AREA:

DOD: 1

PROJECT MANAGER: AECOM/MMP

CMP: Not SOV Capacity Adding

Adding Subcorr(s): 1A, 9B

Ridge Pike/two RR Bridges
Plymouth Township, Montgomery County
Bridge Restoration

This project will reconstruct and widen two bridges carrying Ridge Pike, a Montgomery County owned arterial, over Norfolk Southern railroad tracks in Plymouth Township between Manor Avenue 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	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024
FD	BOO	127											
FD	183	23											
FD	LOC	8											
ROW	BOO	509											
ROW	183	95											
ROW	LOC	32											
UTL	BOO	127											
UTL	183	23											
UTL	LOC	8											
CON	NHPP								15,244				
CON	183								2,857				
CON	LOC								952				
		952	0	0	0	0	0	0	19,053	0	0	0	0
		Total FY2013-2016			952	Total FY2017-2020			19,053	Total FY2021-2024			0

DVRPC FY 2013-2016 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 93442 *District Bridge Maint Contract 4*

LIMITS Various Bridges in Montgomery County

No Let Date

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES:

AQ Code:NRS

PLANNING AREA:

DOD:

PROJECT MANAGER: CONSTR

CMP:

This project is to fund the repair of Structurally Deficient (SD) bridges that are within Montgomery County:

- S.R. 0073 over Tookany Creek
- S.R. 0073 over Tacony Creek
- S.R. 0152 over Tookany Creek
- S.R. 1022 over Perkiomen Creek.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	
CON	916	539												
		539	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2013-2016			539	Total FY2017-2020				0	Total FY2021-2024			0

DVRPC FY 2013-2016 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 94785 District Surface Treatment 83 (6-4) (ADA Ramps)

LIMITS

No Let Date

IMPROVEMENT Roadway Rehabilitation

MUNICIPALITIES:

AQ Code:NRS

PLANNING AREA:

DOD:

PROJECT MANAGER: CONSTR

CMP:

These are ramp improvements for compliance with Americans with Disabilities Act of 1990 (ADA) that are companion improvements to road surface treatment projects undertaken by District 6-0 Maintenance Division.

- Rt. 100: Start Segment 0020, State Offset 0000, End Segment 0070, End Offset 1161
- Morris Rd.: Start Segment 0010, Start Offset 0000, End Segment 0070, End Offset 0000
- Norristown Rd.: Start Segment 0010, Start Offset 0000, End Segment 0060, End Offset 0000
- Trooper Rd.: Start Segment 0040, Start Offset 0000, End Segment 0060, End Offset 0769
- Susquehanna Rd.: Start Segment 0050, Start Offset 0905, End Segment 0100, End Offset 0000
- Meetinghouse Rd./Creamery: Start Segment 0010, Start Offset 0000, End Segment 0020, End Offset 3570
- Level/ Evansburg/ Anders Rd.: Start Segment 0030, Start Offset 0518, End Segment 0110, End Offset 0557
- River Rd./Creek Rd.: Start Segment 0010, Start Offset 0000, End Segment 0030, End Offset 1393
- Kepler Rd.: Start Segment 0010, Start Offset 0000, End Segment 0040, End Offset 2248
- Gilbertsville Rd.: Start Segment 0080, Start Segment 0071, End Segment 0120, End Offset 2708
- Robers Rd./ Old Gulph/ Harriton/ Morris Ave.: Start Segment 0010, Start Offset 0000, End Segment 0050, End Offset 1875
- Forty Foot Rd./ Broad ST./Main St./ Cowpath Rd.: Start Segment 0012, Start Segment 0000, End Segment 0132, End Offset 0000
- Ridge Rd.: Start Segment 0010, Start Offset 0000, End Segment 0080, End Offset 2698
- Allentown Rd.: Start Segment 0070, Start Offset 0000, End Segment 0120, End Offset 0754
- Conshohocken State Rd.: Start Segment 0320, Start offset 0000, End Segment 0330, End Offset 0000
- South Gulph Rd.: Start Segment 0030, Start Offset 0000, End Segment 0040, End Offset 0000
- S. Gulph Rd.: Start Segment 0030, Start Offset 0000, End Segment 0040, End Offset 0000
- Park Ave./Schwenksville Rd.: Start Segment 0080, Start Offset 0000, End Segment 0120, End Offset 0000
- Linfield Rd.: Start Segment 0030, Start Offset 0000, End Segment 0040, End Offset 0000
- Old Forty Foot Rd.: Start Segment 0010, Start Offset 0000, End Segment 0050, End Offset 3167
- Germantown Pk: Start Segment 0030, Start Offset 1434, End Segment 0060, End Offset 0000
- Easton Rd.: Start Segment 0210, Start Offset 1919, End Segment 0220, End Offset 1644

		TIP Program Years (\$ 000)												
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	
CON	916	1,117												
		1,117	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2013-2016			1,117	Total FY2017-2020				0	Total FY2021-2024			0

DVRPC FY 2013-2016 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 95708 *I-76 Slope Stabilization*

LIMITS Between mileposts 332.4 and 332.8

No Let Date

IMPROVEMENT Roadway Rehabilitation

MUNICIPALITIES: Lower Merion Township

AQ Code:S2

PLANNING AREA: Developed Community

DOD:

PROJECT MANAGER: P/CNV

CMP:

This project will entail rock bolting and scaling to stabilize the slope above the Schuylkill Expressway including other miscellaneous construction, such as maintenance and protection of traffic during construction. The project is located within Lower Merion Township in Montgomery County between mileposts 332.4 and 332.8. Rock bolting is the process of installing/drilling rods into exposed and failing rock faces to help prevent the material from breaking loose and entering a roadway and bridge surfaces. Scaling is the cutting back of the rock surface to prevent failures onto roadway and bridge surfaces.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	
CON	916	2,072												
CON	916		837											
		2,072	837	0	0	0	0	0	0	0	0	0	0	
		Total FY2013-2016			2,909	Total FY2017-2020				0	Total FY2021-2024			0

MPMS# 96217 *Central Bucks Congestion Mitigation*

LIMITS State Route 152 in Chalfont Borough

No Let Date

IMPROVEMENT Signal/ITS Improvements

MUNICIPALITIES: Chalfont Borough

AQ Code:2025O

PLANNING AREA: Developed Community

DOD:

PROJECT MANAGER: HNTB/NV

CMP: Minor SOV Capacity

This project entails three traffic signal improvements on Route 152 in central Bucks County. Improvements include: (1) the installation of Adaptive Signal Control Technology (ASCT) and Closed Circuit Television (CCTV) for two traffic signals within 100 yards of each other on North Main Street at the intersections of Sunset Avenue and Park Avenue; (2) installation of "Wavetronix" radar detection system for one traffic signal that can alleviate timing and idling issues at Lindenfield Parkway; and (3) adding pedestrian countdown signals for all three traffic signals.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	
CON	CAQ		230											
CON	LOC		58											
		0	288	0	0	0	0	0	0	0	0	0	0	
		Total FY2013-2016			288	Total FY2017-2020				0	Total FY2021-2024			0

DVRPC FY 2013-2016 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 96218 *Fayette Street Signal Interconnection Project*

LIMITS Elm Street to 11th Avenue

No Let Date

IMPROVEMENT Signal/ITS Improvements

MUNICIPALITIES: Conshohocken Borough

AQ Code:2025M

PLANNING AREA: Developed Community

DOD:

PROJECT MANAGER: HNTB/NV

CMP: Minor SOV Capacity

Adding Subcorr(s): 2B, 15B

An interconnected traffic signal system along Fayette Street from Elm Street to 11th Avenue will be installed. Intelligent Transportation System (ITS) equipment at 6 signalized intersections will be deployed, connected via an aerial fiber optic system, and allow PennDOT to connect with systems in West Conshohocken, Plymouth Township, and I-476. Signal equipment at 3 intersections (3rd, 9th, and 11th avenues) will be upgraded to comply with the Manual on Uniform Traffic Control Devices for Streets and Highways (MUTCD) and to ensure support of the ITS equipment and software. Advanced interconnected signal systems are expected to efficiently move traffic, and thereby reduce harmful emissions.

		TIP Program Years (\$ 000)													
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024		
CON	CAQ		568												
CON	LOC		142												
		0	710	0	0	0	0	0	0	0	0	0	0		
Total FY2013-2016		710			Total FY2017-2020				0				Total FY2021-2024		0

MPMS# 96220 *Lower Salford Signal Improvements*

LIMITS

No Let Date

IMPROVEMENT Signal/ITS Improvements

MUNICIPALITIES: Lower Salford Township

AQ Code:2025M

PLANNING AREA: Growing Suburb

DOD:

PROJECT MANAGER: HNTB/NV

CMP: Minor SOV Capacity

Adding Subcorr(s): 11A

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

		TIP Program Years (\$ 000)													
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024		
CON	CAQ		436												
CON	LOC		109												
CON	CAQ			294											
CON	LOC			73											
		0	545	367	0	0	0	0	0	0	0	0	0		
Total FY2013-2016		912			Total FY2017-2020				0				Total FY2021-2024		0

DVRPC FY 2013-2016 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 96239 *King of Prussia business Improvement District Transit Shuttle*

LIMITS No Let Date

IMPROVEMENT Transit Improvements

MUNICIPALITIES: Upper Merion Township AQ Code:2015O

PLANNING AREA: Developed Community DOD:

PROJECT MANAGER: EE/DVRPC/RG CMP:

This project is a commuter shuttle service that connects major employment centers in the King of Prussia business and industrial park to key regional rail stations in the area will be provided. This includes a mid-day "lunchtime" shuttle that links employees to the King of Prussia Mall.

		TIP Program Years (\$ 000)											
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024
PE	CAQ	500											
		0	500	0	0	0	0	0	0	0	0	0	0
		Total FY2013-2016				Total FY2017-2020				Total FY2021-2024			
		500				0				0			

MPMS# 96787 *Broad Street Grade Crossing*

LIMITS Between Main Street and Front Street No Let Date

IMPROVEMENT Intersection/Interchange Improvements

MUNICIPALITIES: Souderton Borough AQ Code:S8

PLANNING AREA: Developed Community DOD:

PROJECT MANAGER: MAL CMP:

Installation of Warning Devices and High Type Surface

		TIP Program Years (\$ 000)											
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024
CON	RRX	284											
CON	RRX	284											
CON	HSIP	315											
		284	599	0	0	0	0	0	0	0	0	0	0
		Total FY2013-2016				Total FY2017-2020				Total FY2021-2024			
		883				0				0			

DVRPC FY 2013-2016 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 96953 I-76 and I-476 Operational Improvements

LIMITS -76 eastbound on-ramps through the I-476 and Conshohocken Interchanges

No Let Date

IMPROVEMENT Other

MUNICIPALITIES:

AQ Code:X5

PLANNING AREA:

DOD:

PROJECT MANAGER:

CMP:

The modeling task will build upon the work completed by DVRPC in development of a Schuylkill Expressway (I-76) Operational Research Model by looking at 3 Interchanges of other roadways with I-76 in the region: I-476 southbound on-ramp to I-76 eastbound - model a widening to two lanes with increased acceleration lane length, I-476 northbound on-ramp to I-76 eastbound - model operations with an increased acceleration lane, and Conshohocken on-ramp to I-76 eastbound - model operations with an increased acceleration lane. The updated model will be used to do preliminary alternatives screening and to evaluate the conceptual design proposed by AECOM and Montgomery County. While the existing model will be used (and enhanced by this work), some additional traffic counting will occur with refinements to the current I-76 model - this will be a very small component of the proposed task. Most of the work will be focused on using the existing model to analyze the effects of the proposed improvements at the 3 locations noted.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	
STUD	TOLL													
STUD	STP	95												
		95	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2013-2016			95	Total FY2017-2020				0	Total FY2021-2024			0

MPMS# 97321 Turnpike Access Study Montgomery County

LIMITS

No Let Date

IMPROVEMENT Intersection/Interchange Improvements

MUNICIPALITIES: Upper Dublin Township; Upper Merion Township; Whitpain Township; Horsham Township; Norri

AQ Code:X1

PLANNING AREA: Developed Community; Growing Suburb

DOD:

PROJECT MANAGER:

CMP:

This study will identify potential land use and transportation improvements that can revitalize business parks at PA Turnpike Interchanges to remain economically competitive, to bolster employment and economic activity, and to increase travel on the turnpike, thereby reducing travel on local roads.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	
STUD	STP		50											
STUD	OTH		100											
		0	150	0	0	0	0	0	0	0	0	0	0	
		Total FY2013-2016			150	Total FY2017-2020				0	Total FY2021-2024			0

DVRPC FY 2013-2016 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 97975 *Red Lion Road*

LIMITS Dale Road and Philmont Avenue

No Let Date

IMPROVEMENT Bicycle/Pedestrian Improvement

MUNICIPALITIES: Lower Moreland Township

AQ Code:A2

PLANNING AREA: Developed Community

DOD:

PROJECT MANAGER:

CMP:

The improvements include a new pedestrian crossing consisting of precast concrete surface mounted panels, warning devices (hand men) which are incorporated into the current warning device system, new connecting sidewalks, ramps, and handrails as well as related earthwork and a retaining wall. The project will improve pedestrian safety and also provide a safe access route for children to get to school.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	
UTL	581		200											
		0	200	0	0	0	0	0	0	0	0	0	0	
		Total FY2013-2016			200	Total FY2017-2020				0	Total FY2021-2024			0

MPMS# 98008 *Black Rock Road over Mill Creek*

LIMITS

No Let Date

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Lower Merion Township

AQ Code:S19

PLANNING AREA: Developed Community

DOD:

PROJECT MANAGER:

CMP:

The purpose of the project is to rehabilitate the Black Rock Road over Mill Creek bridge to prolong its useful life. The scope includes abutment underpinning, scour control measures, installation of safety features, sign repair, steel beam painting, re-pointing of stone work, and sidewalk repair.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	
FD	ACT13	59												
ROW	ACT13	3												
CON	ACT13	269												
		331	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2013-2016			331	Total FY2017-2020				0	Total FY2021-2024			0

DVRPC FY 2013-2016 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 98009 *Old Gulph Road over Mill Creek*

LIMITS

No Let Date

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Lower Merion Township

AQ Code:S19

PLANNING AREA: Developed Community

DOD:

PROJECT MANAGER: **CMP:**

The purpose of the project is to rehabilitate the Old Gulph Road over Mill Creek bridge to prolong its useful life. The scope includes abutment underpinning, scour control measures, minor stone arch patching, and roadway repair.

		TIP Program Years (\$ 000)											
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024
FD	ACT13	12											
ROW	ACT13	1											
CON	ACT13	53											
		66	0	0	0	0	0	0	0	0	0	0	0
		Total FY2013-2016				Total FY2017-2020				Total FY2021-2024			
		66				0				0			

MPMS# 98010 *Ashbourne Road over Tookany Creek*

LIMITS

No Let Date

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Cheltenham Township

AQ Code:S19

PLANNING AREA: Developed Community

DOD:

PROJECT MANAGER: **CMP:**

The purpose of the project is to rehabilitate the Ashbourne Road over Tookany Creek bridge to prolong its useful life. The scope includes scour control measures, debris sediment removal, installation of safety measures, minor concrete patching, and approach roadway and sidewalk repair.

		TIP Program Years (\$ 000)											
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024
FD	ACT13	14											
ROW	ACT13	1											
CON	ACT13	64											
		79	0	0	0	0	0	0	0	0	0	0	0
		Total FY2013-2016				Total FY2017-2020				Total FY2021-2024			
		79				0				0			

DVRPC FY 2013-2016 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 98011 *Sumneytown Pike over Towamencin Creek*

LIMITS No Let Date

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Upper Gwynedd Township AQ Code:S19

PLANNING AREA: Growing Suburb DOD:

PROJECT MANAGER: CMP:

The purpose of the project is to rehabilitate the Sumneytown Pike over Towamencin Creek bridge to prolong its useful life. The scope includes scour control measures, upgrading and repair of safety features, minor concrete patching, and roadway repair.

		TIP Program Years (\$ 000)											
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024
FD	ACT13	6											
ROW	ACT13	1											
CON	ACT13	27											
		34	0	0	0	0	0	0	0	0	0	0	0
		Total FY2013-2016				Total FY2017-2020				Total FY2021-2024			
		34				0				0			

MPMS# 98012 *Germantown Pike over branch of Stoney Creek*

LIMITS No Let Date

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: East Norriton Township AQ Code:S19

PLANNING AREA: Developed Community DOD:

PROJECT MANAGER: CMP:

The purpose of the project is to rehabilitate the Germantown Pike over branch of Stoney Creek bridge to prolong its useful life. The scope includes scour control measures, re-establish wing wall fill, channel deposition removal, upgrade safety features, approach roadway repair, and sidewalk repair.

		TIP Program Years (\$ 000)											
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024
FD	ACT13	25											
ROW	ACT13	4											
CON	ACT13	114											
		143	0	0	0	0	0	0	0	0	0	0	0
		Total FY2013-2016				Total FY2017-2020				Total FY2021-2024			
		143				0				0			

DVRPC FY 2013-2016 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 98013 *Ashmead Road over SEPTA*

LIMITS No Let Date

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Cheltenham Township AQ Code:S19

PLANNING AREA: Developed Community DOD:

PROJECT MANAGER: CMP:

The purpose of the project is to rehabilitate the Ashmead Road over SEPTA bridge to prolong its useful life. The scope includes replacement of deck joints, deck and curb repair, deck overlay, sidewalk repair, pier and wing wall repair, safety feature upgrade, and roadway approach repair.

		TIP Program Years (\$ 000)																	
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024						
FD	ACT13	28																	
ROW	ACT13	4																	
CON	ACT13	129																	
		161	0	0	0	0	0	0	0	0	0	0	0						
		Total FY2013-2016				161				Total FY2017-2020				0	Total FY2021-2024				0

MPMS# 98014 *Green Lane Road over Deep Creek*

LIMITS No Let Date

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Upper Frederick Township AQ Code:S19

PLANNING AREA: Rural Area DOD:

PROJECT MANAGER: CMP:

The purpose of the project is to rehabilitate the Green Lane Road over Deep Creek bridge to prolong its useful life. The scope includes scour countermeasures, safety feature installations and signing repair.

		TIP Program Years (\$ 000)																	
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024						
FD	ACT13	4																	
ROW	ACT13	1																	
CON	ACT13	20																	
		25	0	0	0	0	0	0	0	0	0	0	0						
		Total FY2013-2016				25				Total FY2017-2020				0	Total FY2021-2024				0

DVRPC FY 2013-2016 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 98015 *Mount Pleasant Avenue over Wissahickon Creek*

LIMITS No Let Date

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Whitpain Township AQ Code:S19

PLANNING AREA: Developed Community DOD:

PROJECT MANAGER: CMP:

The purpose of the project is to rehabilitate the Mount Pleasant Avenue over Wissahickon Creek bridge to prolong its useful life. The scope includes scour countermeasures, debris and deposition removal, concrete repair, safety features upgrades, and signing repair.

		TIP Program Years (\$ 000)											
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024
FD	ACT13	11											
ROW	ACT13	1											
CON	ACT13	49											
		61	0	0	0	0	0	0	0	0	0	0	0
		Total FY2013-2016				Total FY2017-2020				Total FY2021-2024			
		61				0				0			

MPMS# 98160 *Line Lexington Road over Neshaminy Creek*

LIMITS No Let Date

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Hatfield Township AQ Code:S19

PLANNING AREA: Growing Suburb DOD:

PROJECT MANAGER: CMP:

The purpose of the project is to rehabilitate the Line Lexington Road over Neshaminy Creek bridge (County Bridge #112) to prolong its useful life. The scope includes deck repair, concrete and steel repairs to the beams, beam painting of exposed steel, substructure repair, rock placement, debris removal, installation of updated safety features, bridge rail and curb repair, and sign repair.

		TIP Program Years (\$ 000)											
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024
FD	ACT13		60										
ROW	ACT13		3										
CON	ACT13		276										
		0	339	0	0	0	0	0	0	0	0	0	0
		Total FY2013-2016				Total FY2017-2020				Total FY2021-2024			
		339				0				0			

DVRPC FY 2013-2016 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 98162 *King Road over Ridge Valley Creek*

LIMITS

No Let Date

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Salford Township

AQ Code:S19

PLANNING AREA: Rural Area

DOD:

PROJECT MANAGER: **CMP:**

The purpose of the project is to rehabilitate the King Road over Ridge Valley Creek bridge (County Bridge #294) to prolong its useful life. The scope includes abutment and pier underpinning, scour control measures, debris removal, installation of safety features, deck repair, stone masonry pointing, sign repair, and roadway repair.

		TIP Program Years (\$ 000)											
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024
FD	ACT13		33										
ROW	ACT13		1										
CON	ACT13		155										
		0	189	0	0	0	0	0	0	0	0	0	0
		Total FY2013-2016				Total FY2017-2020				Total FY2021-2024			
		189				0				0			

MPMS# 98164 *Old Sumneytown Pike over East Branch Perkiomen Creek*

LIMITS

No Let Date

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Upper Salford Township

AQ Code:S19

PLANNING AREA: Rural Area

DOD:

PROJECT MANAGER: **CMP:**

The purpose of the project is to rehabilitate the Old Sumneytown Pike over East Branch Perkiomen Creek bridge (County Bridge #151) bridge to prolong its useful life. The scope includes abutment and pier underpinning, scour control measures, debris removal, installation of safety features, deck repair, stone masonry pointing, sign repair, and roadway repair.

		TIP Program Years (\$ 000)											
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024
FD	ACT13		37										
ROW	ACT13		2										
CON	ACT13		169										
		0	208	0	0	0	0	0	0	0	0	0	0
		Total FY2013-2016				Total FY2017-2020				Total FY2021-2024			
		208				0				0			

DVRPC FY 2013-2016 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 98165 *Simmons Road over Scioto Creek*

LIMITS

No Let Date

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Lower Frederick Township

AQ Code:S19

PLANNING AREA: Rural Area

DOD:

PROJECT MANAGER:

CMP:

The purpose of the project is to rehabilitate the Simmons Road over Scioto Creek bridge (County Bridge #90) bridge to prolong its useful life. The scope includes underpinning, rock protection, arch repair, stone masonry pointing and upgrading safety features.

		TIP Program Years (\$ 000)											
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024
FD	ACT13		75										
ROW	ACT13		2										
CON	ACT13		343										
		0	420	0	0	0	0	0	0	0	0	0	0
		Total FY2013-2016				Total FY2017-2020				Total FY2021-2024			
		420				0				0			

MPMS# 98225 *Butler Pike over Prophecy Creek*

LIMITS

No Let Date

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Upper Dublin Township

AQ Code:S19

PLANNING AREA: Developed Community

DOD:

PROJECT MANAGER: TSS/S. New

CMP: Not SOV Capacity Adding

Adding Subcorr(s): 14B

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 Local 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	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024
FD	183												
		0	0	0	0	0	0	0	0	0	0	0	0
		Total FY2013-2016				Total FY2017-2020				Total FY2021-2024			
		0				0				0			

DVRPC FY 2013-2016 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 98226 *Maple Avenue over Neshaminy Creek*

LIMITS No Let Date

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Hatfield Township AQ Code:S19

PLANNING AREA: Growing Suburb DOD:

PROJECT MANAGER: TSS/S. New **CMP:** Not SOV Capacity Adding Adding Subcorr(s): 12B, 14C

This project is a bridge rehabilitation/replacement of Maple Avenue over Neshaminy Creek in Hatfield Township, Montgomery County.

Funding for this project will be drawn down from the Local 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	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024
FD	183	0	0	0	0	0	0	0	0	0	0	0	0
Total FY2013-2016		0				Total FY2017-2020				0			
Total FY2021-2024										0			

MPMS# 98227 *Allendale Road over Abrams Creek*

LIMITS No Let Date

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Upper Merion Township AQ Code:S19

PLANNING AREA: Developed Community DOD:

PROJECT MANAGER: TSS/S. New **CMP:** Not SOV Capacity Adding Adding Subcorr(s): 1A, 9B

This is a bridge rehabilitation/replacement of Allendale Road over Abrams Creek in Upper Merion Township, Montgomery County.

This is a retro-reimbursement.

Funding for this project will be drawn down from the Local 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	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024
FD	183	0	0	0	0	0	0	0	0	0	0	0	0
Total FY2013-2016		0				Total FY2017-2020				0			
Total FY2021-2024										0			

DVRPC FY 2013-2016 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 98228 *Store Road over Skippack Creek*

LIMITS No Let Date

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Lower Salford Township AQ Code:S19

PLANNING AREA: Growing Suburb DOD:

PROJECT MANAGER: TSS/S. New **CMP:** Not SOV Capacity Adding

This is a bridge rehabilitation/replacement of Store Road over Skippack Creek in Lower Salford Township, Montgomery County.

This is a retro-reimbursement.

Funding for this project will be drawn down from the Local 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	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024
PE	183	0	0	0	0	0	0	0	0	0	0	0	0
Total FY2013-2016		0				Total FY2017-2020				Total FY2021-2024			
						0				0			

MPMS# 98706 *PA 309 Environmental Mitigation*

LIMITS No Let Date

IMPROVEMENT Roadway Rehabilitation

MUNICIPALITIES: Upper Dublin Township; Cheltenham Township; Horsham Township; Lower Gwynedd Township AQ Code:X9

PLANNING AREA: Developed Community; Growing Suburb DOD:

PROJECT MANAGER: HNTB/N. Velega **CMP:**

Funding for this project is for wetland restoration restoration along the PA 309 corridor.

		TIP Program Years (\$ 000)											
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024
CON	581	0	650	0	0	0	0	0	0	0	0	0	0
Total FY2013-2016		650				Total FY2017-2020				Total FY2021-2024			
						0				0			

DVRPC FY 2013-2016 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 102139 *Route 611 Studies in Montgomery County*

LIMITS No Let Date

IMPROVEMENT Other

MUNICIPALITIES: Various AQ Code:X1

PLANNING AREA: DOD:

PROJECT MANAGER: CMP:

Studies included in this project are:

PA Turnpike at Route 611 Study, \$50,000 Act 89
Route 611 Corridor Study, \$50,000 Act 89

		TIP Program Years (\$ 000)												
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	
STUD	581	300												
		0	300	0	0	0	0	0	0	0	0	0	0	
		Total FY2013-2016			300	Total FY2017-2020				0	Total FY2021-2024			0

MPMS# 102158 *I-76 Lane Reconfiguration Study*

New

LIMITS No Let Date

IMPROVEMENT Other

MUNICIPALITIES: Upper Merion Township AQ Code:X1

PLANNING AREA: Developed Community DOD:

PROJECT MANAGER: James Mosca CMP:

This project will be conducted to assess the viability and potential traffic mobility and safety benefits of reconfiguring the I-76 travel lanes in the vicinity of the US 202/US 422 interchange. The reconfiguration will allow the heavier traffic flows – westbound towards US 202 and US 422, and eastbound from US 202 and US 422 – to have a consistent lane configuration while the lighter traffic flows would be required to merge or diverge. This would be significantly different from the existing condition where lane alignment does not efficiently accommodate the heavier traffic flow.

Microsimulation modeling will be conducted to quantify the benefit of reconfiguring the travel lanes. Performance measures such as travel times and delays will be the indicators. Traffic safety will be analyzed via past crash patterns, frequency, and severity. Crashes will be plotted in order to assess any relation to the current lane configurations.

The study area will be focused on I-76 between the Henderson Road interchange and the Pennsylvania Turnpike, including all highway exit and entrance ramps.

Each direction of I-76 will be assessed independently. The effects of the proposed all-electronic tolling at the Valley Forge Pennsylvania Turnpike interchange will be considered in the analyses.

Products:

- A technical memorandum highlighting the study process, findings, and recommendations.
- Refinements to the I-76 Operations Research Model.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	
STUD	TOLL	140												
STUD	STU	0	140	0	0	0	0	0	0	0	0	0	0	
		Total FY2013-2016			140	Total FY2017-2020				0	Total FY2021-2024			0

DVRPC FY 2013-2016 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 102159 *Pennsylvania Turnpike Reinvestment Study Phase II*

New

LIMITS Bucks, Chester, Montgomery Counties

No Let Date

IMPROVEMENT Other

MUNICIPALITIES: Upper Merion Township

AQ Code:X1

PLANNING AREA: Developed Community

DOD:

PROJECT MANAGER: James Mosca

CMP:

The Delaware Valley has a large number of business parks that were built in suburban locations at interchanges on the Pennsylvania Turnpike in the 1960s-1980s, including many in Montgomery County. These office parks led to a boom in suburban employment when they were state-of-the-art 30 - 50 years ago, and they provided a stable tax-base for many municipalities. However, many of these employment centers are starting to show their age and are experiencing intense competition from newer office parks in suburban and ex-urban locations. Certain communities and business park property owners have recognized this and are exploring strategies for repositioning these areas, including refurbishing and renovating buildings, increasing densities, providing for mixed uses, incorporating civic and green spaces, striving for a sense of place and identity, and improving transportation access.

The advent of all-electronic toll collection has made it possible to add additional interchanges to toll roads (such as the Virginia Drive slip ramps serving the Ft. Washington Office Park) without large increases in operating costs associated with additional toll collectors. Many of the office parks in need of revitalization would benefit from the addition of slip ramps to the Pennsylvania Turnpike. Traveling to office parks at turnpike interchanges may reduce traffic on local roads, and creating a mix of uses within the business parks will provide opportunities for walking or biking to destinations, also decreasing use of local roads.

This project will be a partnership between Montgomery County and DVRPC. Montgomery County Commissioners will lead a high-level "Policy Committee" of state and local elected officials, large business park property owners, DVRPC, PennDOT, PA Turnpike, and study-area municipalities. This committee will both guide the process and promote buy-in for the recommendations. A Technical Steering Committee will also be formed and led by the Montgomery County Planning Commission to guide the more technical aspects of the process. This committee will include DVRPC, PennDOT, PA Turnpike, and SEPTA.

This will be a two-and-a-half-year study, with DVRPC involvement in the final two years. During the first year, staff from Montgomery County Planning Commission have conducted initial work on redevelopment scenarios for selected business parks. This initial work examined more contemporary land use scenarios that incorporate higher densities and mixed uses at selected business parks. Conceptual plans that show how selected business parks could be redeveloped are being created, with estimates of total office/commercial square footage and, if appropriate, residential units. Seven study areas will be included: King of Prussia, Swedeland, Norristown/Plymouth, Plymouth Meeting/Blue Bell, Fort Washington, Willow Grove/Horsham, and the Willow Grove Naval Air Station/Horsham. The local municipalities will be asked to assist with the conceptual plans for redevelopment of these office parks.

Conceptual plans of interchange improvements or internal or area circulation changes will also be developed. In Fiscal Year 2014, DVRPC will work with the Technical Committee to create four scenarios that include development changes and additional slip ramps at groups of office parks. These scenarios will be compared with one another and with a do-nothing scenario to assess their relative impacts on employment growth; Turnpike volumes, congestion, and revenue; local road congestion; and transit ridership. Based on the outcome of the three scenarios, a fourth scenario, consisting of the best improvements, will be created and simulated. Traffic projections based on alternative land uses and new Turnpike interchanges will be prepared. DVRPC activities in FY15 will depend on needs at that time, but w

		TIP Program Years (\$ 000)												
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	
STUD	TOLL													
STUD	STU		150											
		0	150	0	0	0	0	0	0	0	0	0	0	
		Total FY2013-2016			150	Total FY2017-2020				0	Total FY2021-2024			0

DVRPC FY 2013-2016 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 102215 **8th Street RR Xing Lights**

LIMITS Between intersection of North Valley Forge Road and Moyers Road.

No Let Date

IMPROVEMENT Intersection/Interchange Improvements

MUNICIPALITIES: Lansdale Borough

AQ Code:S1

PLANNING AREA: Developed Community

DOD:

PROJECT MANAGER: MAL/M. Lang

CMP:

Installation of railroad crossing lights at the 8th Street railroad grade crossing in Lansdale Borough, Montgomery County.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	
CON	TOLL													
CON	RRX		155											
		0	155	0	0	0	0	0	0	0	0	0	0	
		Total FY2013-2016			155	Total FY2017-2020				0	Total FY2021-2024			0

MPMS# 102298 **Towamencin Township Signal System Modernization(ARLE 4)**

LIMITS

No Let Date

IMPROVEMENT Signal/ITS Improvements

MUNICIPALITIES: Towamencin Township

AQ Code:NRS

PLANNING AREA: Growing Suburb

DOD:

PROJECT MANAGER:

CMP: Not SOV Capacity Adding

This project funded by the Automated Red Light Enforcement (ARLE) Round 4 program will be used to replace the existing Econolite Aries system with a centralized Centracs system, upgraded controller timer units, and Ethernet switches along Sumneytown Pike, Valley Forge Road, Allentown Road, and Forty Foot Road in Towamencin Township, which will directly connect the township's system to PennDOT.

The Automated Red Light Enforcement (ARLE) program targets high crash intersections within the Commonwealth of Pennsylvania with the implementation of an automated system that records violations by drivers who run red lights and are fined for their violation. The projects assist municipalities to implement cost-effective upgrades to traffic lights and other basic systems that will improve safety, reduce congestion, and enhance mobility.

Round 4 of ARLE awarded approximately a total of \$8.8 million statewide.

2013 ARLE Round 4 award: \$180,000

		TIP Program Years (\$ 000)												
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	
CON	244		180											
		0	180	0	0	0	0	0	0	0	0	0	0	
		Total FY2013-2016			180	Total FY2017-2020				0	Total FY2021-2024			0

DVRPC FY 2013-2016 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Montgomery

MPMS# 102376 SR 0611 Resurfacing MontCo

New

LIMITS SR 0611 from Philadelphia County Line to Bucks County Line

No Let Date

IMPROVEMENT Roadway Rehabilitation

MUNICIPALITIES: Abington Township; Cheltenham Township; Horsham Township; Jenkintown Borough; Upper M

AQ Code:S10

PLANNING AREA: Developed Community; Growing Suburb

DOD:

PROJECT MANAGER: Maint./L. Ryan

CMP: Not SOV Capacity Adding

22 total segment miles of road resurfacing from Philadelphia County line to Bucks County line (Cheltenham Twp, Jenkintown Boro, Abington, Upper Moreland, & Horsham Twps) in Montgomery County.

		TIP Program Years (\$ 000)											
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024
FD	S581		20										
CON	S581			7,480									
		0	20	7,480	0	0	0	0	0	0	0	0	0
Total FY2013-2016		7,500				Total FY2017-2020				0			
						Total FY2021-2024				0			

MPMS# 102377 SR0232 Resurfacing MontCo

New

LIMITS Huntingdon Pike (SR 0232) from Rockledge Boro line to SR 0063 in Rockledge Boro

No Let Date

IMPROVEMENT Roadway Rehabilitation

MUNICIPALITIES: Abington Township; Horsham Township; Rockledge Borough; Upper Moreland Township

AQ Code:S10

PLANNING AREA: Developed Community; Growing Suburb

DOD:

PROJECT MANAGER: Maint./L. Ryan

CMP: Not SOV Capacity Adding

6 total segment miles of road resurfacing of Huntingdon Pike (SR 0232) from Rockledge Boro line to SR 0063 in Rockledge Boro, Abington, Upper Moreland, and Horsham Twps in Montgomery County.

		TIP Program Years (\$ 000)											
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024
FD	S581		2										
CON	S581		723										
CON	S581			1,100									
		0	725	1,100	0	0	0	0	0	0	0	0	0
Total FY2013-2016		1,825				Total FY2017-2020				0			
						Total FY2021-2024				0			

DVRPC FY 2013-2016 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Montgomery

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

LIMITS No Let Date

IMPROVEMENT Bicycle/Pedestrian Improvement

MUNICIPALITIES: Pottstown Borough AQ Code:A2

PLANNING AREA: Developed Community DOD:

PROJECT MANAGER: EE/DVRPC/K. Lawrence **CMP:**

Pottstown has a bike lane 1.3 miles in length on the borough's main street (High Street), but does not extend for entire length of High Street. For this reason, the project will conduct the following:

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

This project will also connect to The Circuit, but it is not a trail project.

\$1,000,000 regional Transportation Alternatives Program (TAP) funding was awarded in June 2014 for construction. Funds will be drawn down from the TAP line item (MPMS #64984) at the appropriate time.

		TIP Program Years (\$ 000)											
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024
CON	TAP												
		0	0	0	0	0	0	0	0	0	0	0	0
		Total FY2013-2016			0	Total FY2017-2020			0	Total FY2021-2024			0

MPMS# 102837 *Liberty Bell Trail Connection*

LIMITS No Let Date

IMPROVEMENT Bicycle/Pedestrian Improvement

MUNICIPALITIES: Lansdale Borough AQ Code:A2

PLANNING AREA: Developed Community DOD:

PROJECT MANAGER: EE/DVRPC/K. Lawrence **CMP:**

The project will create a multiuse trail connecting Madison Development with the proposed Andale Green residential development. 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 Stony Creek branch to the proposed Andale Green residential development.

This project was awarded \$635,000 regional Transportation Alternatives Program (TAP) funding in June 2014 for construction. Funds will be drawn down from the TAP line item (MPMS #64984) at the appropriate time.

		TIP Program Years (\$ 000)											
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024
CON	TAP												
		0	0	0	0	0	0	0	0	0	0	0	0
		Total FY2013-2016			0	Total FY2017-2020			0	Total FY2021-2024			0

DVRPC FY 2013-2016 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Montgomery

Total For	2013	2014	2015	2016	2013-2016	2017-2020	2021-2024
Montgomery	\$75,735	\$135,353	\$74,053	\$95,126	\$380,267	\$348,072	\$123,194

DVRPC FY 2013-2016 TIP for PA

Final Version

Pennsylvania - Interstate Management Program

Montgomery

MPMS# 16737 I-476 Reconstruction, Chemical Rd. to I-76 (RES) SR:0476

LIMITS Chemical Rd. to I-76, Schuylkill Exp.

No Let Date

IMPROVEMENT Roadway Rehabilitation

MUNICIPALITIES: Lower Merion Township; Plymouth Township; West Conshohocken Borough

AQ Code:S10

PLANNING AREA: Developed Community

DOD:

PROJECT MANAGER: TSS/PWB

CMP: Not SOV Capacity Adding

Adding Subcorr(s): 2B, 2C

The funds in this project are due to Accrued Unbilled Costs.

This project (Section RES) involves the design and total reconstruction of the northbound and southbound lanes of I-476 between I-76 (the Schuylkill Expressway) and I-276 (the Pennsylvania Turnpike Mid-County Interchange), a distance of 3.5 miles.

No additional travel lanes will be provided and widening will be limited to increasing shoulder widths to meet current standards. Included with the project is the removal and replacement of the existing pavement, sinkhole remediation, extending acceleration and deceleration ramp lengths, drainage and guide rail upgrades, and the deployment of additional ITS devices and communications equipment. The project includes the structural rehabilitation of 9 bridges:

eight dual mainline structures and one overhead bridge. The mainline bridges will not be widened.

Construction costs for this project includes the Schuylkill River bridge rehabilitation. Also see MPMS #80479 in the DVRPC Regional TIP. Total roadway construction estimate is \$112 million.

TIP Program Years (\$ 000)

Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	
PE	IM	360												
PE	581	40												
FD	IM	360												
FD	581	40												
CON	IM	350												
CON	581	39												
CON	NHPP		54											
CON	581		6											
		1,189	60	0	0	0	0	0	0	0	0	0	0	
		Total FY2013-2016			1,249	Total FY2017-2020				0	Total FY2021-2024			0

Total For Montgomery	2013	2014	2015	2016	2013-2016	2017-2020	2021-2024
	\$1,189	\$60	\$0	\$0	\$1,249	\$0	\$0