

DVRPC FY 2015-2018 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Chester

MPMS# 13975 *Halteman Road over Pigeon Creek (County Bridge #255)*

New

LIMITS

No Let Date

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: East Coventry Township

FC:

AQ Code:S19

PLANNING AREA: Growing Suburb

IPD:

PROJECT MANAGER: TSS/T. Stevenson

CMP:

This bridge was originally constructed in 1914. It consists of a through plate girder span and a single closed spandrel stone masonry arch under fill. Repairs were performed to the substructure in 1978; the superstructure in 1980, 1997 and 2007; and the deck in 2007. The bridge is currently posted for a 5-ton weight restriction based on the condition of the floorbeam at the far abutment. The bridge is in poor overall condition. The average daily traffic for this bridge is 212 vehicles per day. The bridge is classified as structurally deficient as a result of the superstructure rating of 3-poor which is due to significant section losses of the transverse floor beam and sever deterioration and section loss of the girders. Recommended repairs include replacement of the deteriorated floor beams; replacement of deteriorated rivets along the bottom flange of the girders; repair the frozen steel bearings; removal and replacement of the concrete deck; re-point the stone masonry, as needed; spot paint the superstructure; installation of structure-mounted guide rail across bridge and approach guide rail, transitions, and end treatments.

TIP Program Years (\$ 000)

Phase	Fund	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	
PE	ACT13	50												
FD	ACT13		30											
CON	LOC		420											
		50	450	0	0	0	0	0	0	0	0	0	0	
		Total FY2015-2018			500	Total FY2019-2022				0	Total FY2023-2026			0

DVRPC FY 2015-2018 TIP for PA

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Chester

MPMS# 14134 West Bridge Street Bridge Over Amtrak

LIMITS Over Amtrak

Est Let Date: 7/20/2017

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Parkesburg Borough

FC:

AQ Code:S19

PLANNING AREA: Developed Community

IPD: 1

PROJECT MANAGER: TSS/GANNETT/S. New

CMP: Not SOV Capacity Adding

Adding Subcorr(s): 7E

The existing bridge on West Bridge Street in the Borough of Parkesburg is structurally deficient and functionally obsolete. The structural deterioration advanced to the point that the bridge was no longer able to safely carry vehicular loads. The bridge was closed to traffic in 1994. In addition to the vehicular restriction, both sidewalks are restricted from use due to the severe deterioration of the wooden deck. The existing roadway width of 5.8 meters (19.0 ft) contains two travel lanes and no shoulders. This bridge will be replaced with a two lane bridge with minimal shoulders and sidewalks on both sides. The bicycle and pedestrian checklists have been 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	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	
FD	STU	217												
FD	STU		201											
FD	183		38											
FD	LOC		14											
ROW	STU	20												
CON	STU			1,897										
CON	183			356										
CON	LOC			119										
CON	STP				1,040									
CON	183				195									
CON	LOC				65									
CON	STU					1,006								
CON	183					188								
CON	LOC					62								
		237	253	2,372	1,300	0	1,256	0	0	0	0	0	0	
		Total FY2015-2018		4,162		Total FY2019-2022			1,256		Total FY2023-2026			0

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Chester

MPMS# 14200 *Speakman's Covered Bridge/Frog Hollow Rd SR:3047*

Return

LIMITS Hephzibah Hill Rd. over Buck Run

Est Let Date: 2/26/2015

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: West Marlborough Township; East Fallowfield Township

FC: 9

AQ Code:S19

PLANNING AREA: Rural Area

IPD:

PROJECT MANAGER: HNTB/N. Velaga

CMP:

Speakman No. 1 Covered Bridge over Buck Run will be rehabilitated to current PENNDOT load requirements. The location of the project is near the West Marlborough and East Fallowfield township line along Buck Run in Chester County, where Frog Hollow Road crosses over Buck Run. The rehabilitation of the bridge will include removing the steel piers and footings; five steel plate girders will replace the current floor beams and all the timber deck and running boards will be replaced with new treated lumber. In addition, the roof system and wingwalls will be replaced. The guide rail on the southeast corner of the bridge, removed for construction, will be replaced at the completion of 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	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	
CON	TOLL													
CON	HCB	1,442												
CON	TOLL													
CON	STU		828											
CON	TOLL													
CON	STU			317										
		1,442	828	317	0	0	0	0	0	0	0	0	0	
		Total FY2015-2018			2,587		Total FY2019-2022			0		Total FY2023-2026		0

MPMS# 14236 *Little Washington Road Bridge Over Culbertson Run SR:4006*

Est Let Date: 6/16/2016

LIMITS Over Culbertson Run

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: East Brandywine Township

FC: 19

AQ Code:S19

PLANNING AREA: Growing Suburb

IPD: 0

PROJECT MANAGER: Plans/C. Veiga

CMP: Not SOV Capacity Adding

This project involves rehabilitating or replacing a bridge; reconstruct approach roadway; and minor realignment of roadway to avoid wetlands. This road/bridge is part of the Chester County Planning Commission recommended bikeway network. 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	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	
CON	STU		487											
CON	581		168											
CON	581			1,894										
		0	655	1,894	0	0	0	0	0	0	0	0	0	
		Total FY2015-2018			2,549		Total FY2019-2022			0		Total FY2023-2026		0

DVRPC FY 2015-2018 TIP for PA

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Chester

MPMS# 14251 *Chandler Mill Road Bridge Over West Branch of Red Clay Creek SR:7015*

LIMITS Over West Branch of Red Clay Creek

Est Let Date: 2/23/2017

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Kennett Township

FC:

AQ Code:S19

PLANNING AREA: Growing Suburb

IPD: 2

PROJECT MANAGER: TSS/GANNETT/S. New

CMP: Not SOV Capacity Adding

This project involves rehabilitating or replacing the Chandler Mill Road Bridge over the West Branch of the Red Clay Creek in Kennett Township. This County-owned bridge (#236) is structurally deficient, functionally obsolete, and closed to traffic. The bridge is on the National Register of Historic Places and is part of the Chester County Planning Commission's recommended bikeway network. 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	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026		
FD	BOF	297													
FD	183	56													
FD	LOC	19													
ROW	TOLL														
ROW	BOF		51												
ROW	LOC		13												
CON	BOF					1,293									
CON	183					242									
CON	LOC					81									
		372	64	0	0	1,616	0	0	0	0	0	0	0		
		Total FY2015-2018			436	Total FY2019-2022				1,616	Total FY2023-2026				0

MPMS# 14261 *Church Road Bridge Over Valley Creek*

LIMITS Over Valley Creek

No Let Date

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Tredyffrin Township

FC:

AQ Code:S19

PLANNING AREA: Growing Suburb

IPD: 0

PROJECT MANAGER: TSS/GANNETT/S. New

CMP: Not SOV Capacity Adding

Replace Church Road over Valley Creek in Tredyffrin Township. This County owned bridge (#282) is structurally deficient (sufficiency rating of 32), functionally obsolete, and posted for 20 tons. The bridge has the following condition ratings: deck - 5, super - 5, sub - 4. 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	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026		
CON	STP		20												
CON	183		4												
CON	LOC		1												
		0	25	0	0	0	0	0	0	0	0	0	0		
		Total FY2015-2018			25	Total FY2019-2022				0	Total FY2023-2026				0

DVRPC FY 2015-2018 TIP for PA

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Chester

MPMS# 14327 PA 926 Bridge Over Brandywine Creek SR:0926

LIMITS Over Brandywine Creek

Est Let Date: 5/21/2015

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Birmingham Township; Pocopson Township

FC: 16

AQ Code:S19

PLANNING AREA: Growing Suburb

IPD: 1

PROJECT MANAGER: Davies/L. Fullard

CMP: Not SOV Capacity Adding

Current structure is failing and is posted. Bridge replacement and improve roadway approaches. Project also includes a structure over Radley Run.

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	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	
UTL	185	255												
UTL	185		255											
CON	STU	2,865												
CON	581	521												
CON	STU			7,627										
CON	581			1,916										
CON	STU					2,220								
CON	581					750								
		3,641	255	9,543	0	2,970	0	0	0	0	0	0	0	
		Total FY2015-2018		13,439		Total FY2019-2022			2,970		Total FY2023-2026			0

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Chester

MPMS# 14351 *Rudolph and Arthur Covered Bridge On Camp Bonsul Road over Big Elk Creek*

LIMITS On Camp Bonsul Road over Big Elk Creek

No Let Date

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Elk Township; New London Township

FC:

AQ Code:S19

PLANNING AREA: Rural Area

IPD: 1

PROJECT MANAGER: TSS/GANNETT/S. New

CMP: Not SOV Capacity Adding

This project involves rehabilitating or replacing the Rudolph and Arthur Covered Bridge on Camp Bonsul Rd. over Big Elk Creek. Built in 1880, the bridge retains its original Burr arch truss construction and is listed on the National Register of Historic Places. The rehabilitation will strengthen the bridge for continued vehicular use and original timber trusses, decking, and boards will be re-used and restored in-kind where necessary to maintain the original appearance of the covered bridge. This Chester County owned bridge (#26) is structurally deficient and has sufficiency rating of 16.9. It is posted for 3 tons.

The project was selected to receive \$1.6 million in federal funds through the FY2009 National Historic Covered Bridge Preservation Program (NHCB).

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	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026
FD	HCB	252											
FD	183	47											
FD	179	16											
ROW	HCB		40										
ROW	183		8										
ROW	179		2										
CON	HCB					1,280							
CON	183					240							
CON	179					80							
		315	50	0	0	1,600	0	0	0	0	0	0	0
		Total FY2015-2018			365	Total FY2019-2022			1,600	Total FY2023-2026			0

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Chester

MPMS# 14354 **Chestnut Street Bridge Over Amtrak/SEPTA R5 Rail Line SR:7205**

LIMITS Over Amtrak/SEPTA R5 Rail Line

Est Let Date: 2/4/2016

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Downingtown Borough

FC:

AQ Code:S19

PLANNING AREA: Developed Community

IPD: 0

PROJECT MANAGER: TSS/GANNETT/S. New

CMP: Not SOV Capacity Adding

Adding Subcorr(s): 7E

The proposed project involves the replacement of a 4-span steel girder bridge, with minimal shoulders, with a minor improvement to the vertical crest which spans over active AMTRAK, CSX and Norfolk Southern rail lines in East Caln Twp. & the Borough of Downingtown, Chester County, PA. The new bridge will be on the same alignment and includes approximately 600 ft. of approach roadway reconstruction to provide vertical clearances over railroad tracks.

The existing bridge has a load limit of 16 tons, except combination loading is 30 tons. The 25 ft. clear roadway width is too narrow for two vehicles, and the steel girders extending above the deck surface create a hazard. The structure was recently closed because sections of concrete were falling off the bridge. The superstructure and substructure both have a poor condition rating. The structure has a sufficiency rating of 52. In addition, the salt contamination of the concrete over the years from salting of the highways in the winter does not support rehabilitation of this structure.

This bridge is part of PA Bicycle Route "L." 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	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026		
CON	BOF		2,754												
CON	183		568												
CON	LOC		192												
CON	BOF			274											
CON	BOF			3,028											
CON	183			568											
CON	LOC			192											
		0	3,514	4,062	0	0	0	0	0	0	0	0	0		
		Total FY2015-2018			7,576	Total FY2019-2022				0	Total FY2023-2026				0

DVRPC FY 2015-2018 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Chester

MPMS# 14484 PA 41 Study SR:0041

LIMITS Delaware State Line to PA 926

No Let Date

IMPROVEMENT Intersection/Interchange Improvements

MUNICIPALITIES: Londonderry Township; Avondale Borough; London Grove Township; FC: 14

AQ Code:X1

PLANNING AREA: Rural Area; Developed Community; Growing Suburb

IPD: 2

PROJECT MANAGER: TSS/S. Fellin

CMP: Minor SOV Capacity

Adding Subcorr(s): 5A

Safety, operational, mobility, and infrastructure improvements at priority locations based on the PA 41 Corridor Revised Preliminary Alternatives Analysis (2010) may be identified and advanced if they are eligible improvements for the remaining earmarks. See also MPMS #98096.

- PA 122 original amount \$5,000,000.00; current balance is \$ 2,852,328.90 – Improve PA 41 between Delaware State line and PA 926.
- PA 173 original amount \$6,000,000.00; current balance is \$189,144.60 - Improve safety on PA-41 from US-30 to PA-926
- PA 357 original amount \$3,360,000.00; current balance is \$2,614,956.00 -PA 41-conduct environmental review & acquire ROW for preferred alternative.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	
STUDY	TOLL													
STUDY	SXF	4,311												
		4,311	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2015-2018			4,311	Total FY2019-2022				0	Total FY2023-2026			0

MPMS# 14515 PA 100, Shoen Road to Gordon Drive (02L) SR:0100

LIMITS Shoen Road to Gordon Drive

No Let Date

IMPROVEMENT Intersection/Interchange Improvements

MRPID:42

MUNICIPALITIES: Uwchlan Township; West Whiteland Township

FC: 14

AQ Code:2017M

PLANNING AREA: Growing Suburb

IPD: 1

PROJECT MANAGER: George Dunheimer ADE CONSTR

CMP: Major SOV Capacity

Adding Subcorr(s): 16A

This project provides for the existing 2-12' lanes and 10' shoulders to be reconfigured to 3- 11' lanes and 4' shoulders; the removal of inefficient jug handles and installation of dedicated left and right turn lanes; and storm water collection and management system, and sidewalk from Ship Road to Sharp Lane to connect with existing Uwchlan Trail System. An upgrade of traffic signals from Gordon Drive/Rutgers Drive to Shoen Road will include new supports, signal heads, actuation, emergency pre-emption and all electrical components. This project will retain the closed-loop system footprint between the intersections and the municipal building.

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 2011 annual memoranda on supplemental strategies for details related to this project. CMP Improvements in the form of the Lionville Park and Ride lot were completed in the initial phase of this project. ITS treatments for this section of roadway are complete and included in the US Route 202 ITS project, MPMS 64479, and contained in the PENNDOT Strategic Safety Plan.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	
CON	TOLL													
CON	NHPP*													
CON	TOLL													
CON	NHPP*													
		0	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2015-2018			0	Total FY2019-2022				0	Total FY2023-2026			0

DVRPC FY 2015-2018 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Chester

MPMS# 14532 *US 30, Coatesville Downingtown Bypass Reconstruction Design SR:0030*

Return

LIMITS PA 10 to Exton Bypass/Quarry Road

No Let Date

IMPROVEMENT Roadway Rehabilitation

MRPID:48

MUNICIPALITIES: Valley Township; Sadsbury Township; West Caln Township; West Sa **FC:**

AQ Code:2040M

PLANNING AREA: Growing Suburb; Rural Area; Developed Community

IPD: 1

PROJECT MANAGER: TSS/SPF

CMP: Minor SOV Capacity

Adding Subcorr(s): 7E

This project serves as the preliminary design phase of a project to reconstruct approximately 14 miles of mainline pavement; potential addition of through lanes and operational improvements as required by traffic analysis for the eastern section; reconstruction and widening of the mainline shoulders; replacement and widening of mainline bridge superstructures; construction of new ramps (to complete partial interchanges at Airport Road); reconstruction, realignment, and lengthening of all on and off ramps (to provide storage length for traffic signals and ramp metering); reconstruction of arterial overpasses; installation of ITS elements (dynamic message signs, closed circuit television, incident detection, and ramp meters); and minor improvements to parallel arterial routes (to be determined) to improve safety, reduce congestion, and upgrade deteriorating infrastructure. This project is for preliminary design only; final design, utility, right of way, and construction phases are identified in MPMS #87781 (Eastern section) and MPMS #84884 (Western section; 2013 estimated cost is \$250 million). Additional study work will be undertaken under this MPMS # to determine the appropriate approach to address new capacity and operational needs of the eastern section, as well as the western section as needed. The full length of the corridor is located in West Sadsbury Township, Sadsbury Township, Valley Township, Coatesville City, West Caln Township, Caln Township, East Caln Township, and Downingtown Borough.

Earmarks--SAFETEA DEMO #3172, PA ID# 504 - \$4,005,000 remaining; PA ID #146- \$3,075,000 remaining.

The overall corridor construction cost estimate is \$630 million.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	
STUDY	TOLL													
STUDY	SXF	1,000												
PE	TOLL													
PE	SXF		6,000											
		1,000	6,000	0	0	0	0	0	0	0	0	0	0	
		Total FY2015-2018			7,000	Total FY2019-2022				0	Total FY2023-2026			0

DVRPC FY 2015-2018 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Chester

MPMS# 14541 *US 1, Baltimore Pike Widening SR:0001*

LIMITS Kennett Square Bypass to Greenwood Road

Est Let Date: 7/28/2016

IMPROVEMENT Roadway New Capacity

MRPID:44

MUNICIPALITIES: East Marlborough Township

FC: 12; 14

AQ Code:2020M

PLANNING AREA: Growing Suburb

IPD: 2

PROJECT MANAGER: EE/J. Brown

CMP: Major SOV Capacity

Adding Subcorr(s): 5A

Selective widening from two lanes in each direction to three lanes in each direction and relocate the School House Rd. intersection. Add left turn lanes on US 1 at School House Rd. and install new traffic signals.

Project CMP (Congestion Management Process) commitments include strategies such as improvements to the existing road network (safety and operations). See DVRPC's 2009 annual memoranda on supplemental strategies for details related to this project.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	
FD	581	124												
FD	581		146											
CON	581			6,415										
		124	146	6,415	0	0	0	0	0	0	0	0	0	
		Total FY2015-2018			6,685	Total FY2019-2022				0	Total FY2023-2026			0

MPMS# 14580 *US 1 Expressway Reconstruction (Southern Section) SR:0001*

Return

LIMITS PA/MD State line - PA 896

No Let Date

IMPROVEMENT Roadway Rehabilitation

MUNICIPALITIES: Upper Oxford Township; Lower Oxford Township; Oxford Borough

FC: 2; 6; 8; 9; 12; 16; 17; 19

AQ Code:S10

PLANNING AREA: Rural Area; Developed Community

IPD: 4

PROJECT MANAGER: EE/JMD

CMP: Not SOV Capacity Adding

The project consists of pavement rehabilitation and reconstruction; guiderail upgrades; vertical and lateral clearance compliance corrections of overhead structures; and interchange improvements such as length of acceleration and deceleration lanes and loop ramp radii. See also MPMS #14581.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	
PE	STU											3,764		
PE	581											941		
FD	NHPP												7,089	
FD	581												1,772	
		0	0	0	0	0	0	0	0	0	0	4,705	8,861	
		Total FY2015-2018			0	Total FY2019-2022				0	Total FY2023-2026			13,566

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Chester

MPMS# 14581 US 1 Expressway Reconstruction (Northern Section) SR:0001

Return

LIMITS PA 896 to Schoolhouse Road

Est Let Date: 3/3/2022

IMPROVEMENT Roadway Rehabilitation

MUNICIPALITIES: Penn Township; East Marlborough Township; Kennett Township; Lon FC: 6; 12; 14; 16; 17; 19

AQ Code:S10

PLANNING AREA: Growing Suburb

IPD: 1

PROJECT MANAGER: EE/JMD

CMP: Minor SOV Capacity

Adding Subcorr(s): 5A

The project consists of pavement rehabilitation and reconstruction; guiderail upgrades; vertical and lateral clearance compliance corrections of overhead structures; and interchange improvements such as length of acceleration and deceleration lanes and loop ramp radii. Project is contained in Penn Twp., London Grove Twp, New Garden Twp., East Marlborough Twp. and Kennett Twp

		TIP Program Years (\$ 000)											
Phase	Fund	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026
PE	STU	1,200											
PE	581	300											
PE	581				1,500								
PE	581					2,326							
FD	SPK-NH						6,000						
ROW	STU							5,574					
ROW	581							1,195					
UTL	STP							5,574					
UTL	581							1,195					
CON	TOLL												
CON	SPK-NH								24,000				
CON	STU									3,289			
CON	NHPP									1,568			
CON	TOLL												
CON	NHPP										825		
CON	TOLL												
CON	STU										1,884		
CON	NHPP											47,882	
CON	TOLL												
CON	STU												1,644
		1,500	0	0	1,500	2,326	6,000	13,538	24,000	4,857	2,709	49,526	0
		Total FY2015-2018		3,000		Total FY2019-2022		45,864		Total FY2023-2026		57,092	

DVRPC FY 2015-2018 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Chester

MPMS# 14675 *Chester Valley Trail (Sec 2/3) - Phase 2*

LIMITS Old Eagle School Road to Route 29

No Let Date

IMPROVEMENT Bicycle/Pedestrian Improvement

MUNICIPALITIES: Tredyffrin Township; Upper Merion Township; East Whiteland Towns **FC:**

AQ Code:A2

PLANNING AREA: Growing Suburb; Developed Community

IPD: 1

PROJECT MANAGER:

CMP: Not SOV Capacity Adding

Adding Subcorr(s): 7E

Construction of a 7.6 mile multi-use regional trail from PA 29 and Matthews Rd in East Whiteland Township to King of Prussia in Upper Merion, Montgomery County. This project will rehabilitate an abandoned rail line and create a 12 ft wide paved asphalt trail with 2 ft wide shoulders. The project includes an underpass for Warner Rd. and repair/replacement of several culverts. The project is a CMS commitment for US 202 – Section 300 (#64494 and #64498) and will provide a safe route for bicyclists and pedestrians traveling in the corridor. The project is also a segment of a larger regional trail that will connect central Chester County with Valley Forge National Park and the Schuylkill River Trail. See #14663 and #16705 for other segments of the regional trail project.

\$112,000 TE funds were approved for CON/ROW during the FY2004 project selection process, to be programmed at the appropriate time, drawing funds from MPMS #64984.

The Chester Valley Trail is intended principally for transportation purposes, including trips to work, school, shops, and services. Phase I (MPMS #14663) will connect residential communities with major employment, school, retail, and service centers in Great Valley and Exton. Phase II (MPMS #14675) will connect residential communities with major employment, school, retail, and service centers at Great Valley and King of Prussia. The Chester Valley Trail will connect to the Chester Valley Trail Extension in Montgomery County (MPMS #16705) and will provide access for residential communities to major employment, school, retail, and service centers in King of Prussia, Bridgeport and Norristown Boroughs. The Extension (#16705) will further unite with the Schuylkill River Trail (SRT) in Norristown and through the SRT an eventual connection to the East Coast Greenway to provide an extensive trail network through the DVRPC region.

		TIP Program Years (\$ 000)													
Phase	Fund	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026		
CON	CAQ		101												
CON	LOC		25												
		0	126	0	0	0	0	0	0	0	0	0	0		
		Total FY2015-2018			126	Total FY2019-2022				0	Total FY2023-2026				0

DVRPC FY 2015-2018 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Chester

MPMS# 14698 US 422, Reconstruction (M2B) SR:0422

Return

LIMITS East of Schuylkill River to East of Hanover Street

Est Let Date: 4/4/2019

IMPROVEMENT Roadway Rehabilitation

MRPID:2

MUNICIPALITIES: North Coventry Township

FC:

AQ Code:S10

PLANNING AREA: Growing Suburb

IPD: 1

PROJECT MANAGER: EE/LJL

CMP: Not SOV Capacity Adding

Adding Subcorr(s): 9A

Reconstruction of approximately 1.5 miles of expressway including three (3) bridges carrying SR 0422 over Laurelwood Road, SR 0100 (32.8 Sufficiency Rating), and Hanover Street. Acceleration and deceleration lane lengths along US 0422 will be increased to meet current design standards as well as increased shoulder widths will be provided meeting current design standards and US 0422 typical section. SR 0422 will be reconstructed with a 9 foot left shoulder, 2-12 foot lanes, and a 12 foot right shoulder in each direction of travel. A concrete glare screen will be provided for physical separation between eastbound and westbound traffic. Also see MPMS #s 16738, 64220, 64222, 84308, and 66986.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	
PE	581		3,700											
PE	581			6,096										
FD	581					7,224								
ROW	581					836								
UTL	581					597								
CON	SPK-NH						35,000							
CON	NHPP						26							
CON	581						288							
CON	SPK-NH							15,000						
CON	STU							2,365						
CON	NHPP							2,275						
CON	581							3,750						
CON	STP								581					
CON	STU								407					
CON	NHPP								2,808					
CON	581								2,437					
		0	3,700	6,096	0	8,657	35,314	23,390	6,233	0	0	0	0	
		Total FY2015-2018			9,796	Total FY2019-2022			73,594	Total FY2023-2026				0

DVRPC FY 2015-2018 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Chester

MPMS# 47979 Paoli Trans Ctr Rds Improvements/Darby Rd Bridge SR:0030

LIMITS US 30, Lancaster Avenue/North Valley Road/Central

No Let Date

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Tredyffrin Township; Willistown Township

FC: 14; 17

AQ Code:R1

PLANNING AREA: Growing Suburb

IPD: 1

PROJECT MANAGER: TSS/T. Stevenson

CMP: Minor SOV Capacity

Adding Subcorr(s): 7D

This project will look to replace the existing bridge on North Valley Road (SR1005) over Amtrak/SEPTA (BMS # 15-1005-0080-1331 adjacent to the Paoli Train Station) with a new bridge across from the intersection of Lancaster Avenue and Darby Road. It is being planned as one element of the Paoli Intermodal Transportation Center, which would upgrade Chester County's most utilized train station which currently serves Amtrak, SEPTA's Paoli/Thorndale Regional Rail Line, as well as various bus routes.

See MPMS #60574 for transit components of the Paoli Transportation Center. The North Valley Road Bridge is functionally obsolete and has substandard vertical geometry.

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

TIP Program Years (\$ 000)

Phase	Fund	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026
PE	185	2,122											
FD	STU				2,037								
FD	581				510								
FD	STU							732					
ROW	185		3,352										
ROW	581			2,542									
ROW	185			710									
ROW	581				500								
UTL	581	100											
UTL	581			1,822									
UTL	581				358								
UTL	STU						706						
UTL	581						176						
CON	581					9,391							
CON	581									9,714			
		2,222	3,352	5,074	3,405	9,391	882	732	0	9,714	0	0	0
		Total FY2015-2018		14,053		Total FY2019-2022		11,005		Total FY2023-2026		9,714	

DVRPC FY 2015-2018 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Chester

MPMS# 57659 French Creek Parkway - Phase 1 SR:0000

LIMITS Main Street to Taylor Alley

No Let Date

IMPROVEMENT Roadway New Capacity

MRPID:41

MUNICIPALITIES: Phoenixville Borough

FC:

AQ Code:2020M

PLANNING AREA: Developed Community

IPD: 0

PROJECT MANAGER: TSS/H. Freed

CMP: Major SOV Capacity

Adding Subcorr(s): 9B

This project is the first phase of the design and construction of French Creek Parkway. It will provide a roadway connection between Main St. and Taylor Alley in the Borough of Phoenixville, and include a new traffic signal, a new bridge over French Creek, and 0.4 miles of new collector roadway and sidewalk network. It is the first phase of the French Creek Parkway Master Plan and will support the redevelopment of a 120-acre brownfield site into a mixed use development with office, retail, and residential uses.

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 2012 annual memoranda on supplemental strategies for details related to this project.

TOLL CREDIT

SAFETEA-LU Earmark # 1336 (PA ID #387) \$4 million

SAFETEA-LU Earmark #4771 (PA ID #587) \$1 million

TIP Program Years (\$ 000)

Phase	Fund	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026
FD	TOLL												
FD	SXF	325											
ROW	TOLL												
ROW	SXF			40									
UTL	TOLL												
UTL	SXF			25									
CON	TOLL												
CON	SXF				2,817								
CON	STU				2,978								
		325	0	65	5,795	0	0	0	0	0	0	0	0
		Total FY2015-2018		6,185		Total FY2019-2022			0	Total FY2023-2026			0

DVRPC FY 2015-2018 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Chester

MPMS# 57664 Newark Road Intersection Improvements SR:3033

LIMITS At Hillendale Road

Est Let Date: 10/20/2016

IMPROVEMENT Intersection/Interchange Improvements

MUNICIPALITIES: New Garden Township

FC: 17

AQ Code:R1

PLANNING AREA: Growing Suburb

IPD: 2

PROJECT MANAGER: EE/J. Arena

CMP: Minor SOV Capacity

Adding Subcorr(s): 5A

SR 3033 (Newark Rd) will be widened to add a left turn lane for the SB Newark to Hillendale Rd turn movement, and widened shoulders to meet criteria and improve sight distance. There are no existing or proposed pedestrian or bike facilities.

		TIP Program Years (\$ 000)													
Phase	Fund	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026		
FD	STU	110													
FD	581	28													
ROW	STU	64													
ROW	581	17													
UTL	STU	60													
UTL	581	16													
CON	581		113												
CON	581			1,064											
CON	581				871										
CON	581					370									
		295	113	1,064	871	370	0	0	0	0	0	0	0		
		Total FY2015-2018			2,343	Total FY2019-2022				370	Total FY2023-2026				0

MPMS# 57684 PA 82 Bicycle/Pedestrian Trail

LIMITS PA 926 to Mill Road

Est Let Date: 5/19/2016

IMPROVEMENT Bicycle/Pedestrian Improvement

MUNICIPALITIES: East Marlborough Township

FC:

AQ Code:A2

PLANNING AREA: Growing Suburb

IPD: 1

PROJECT MANAGER: EE/DVRPC/J. Banks

CMP: Not SOV Capacity Adding

Unionville Road will be widened to provide bike lanes in the northbound and southbound directions between Route 926 to the south and Doe Run Road to the north. The proposed bicycle lanes are intended principally for transportation purposes, including trips to work, school, shops, and services, especially the Unionville High School and Charles F. Patton Middle School which are within the project limits.

		TIP Program Years (\$ 000)													
Phase	Fund	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026		
UTL	TOLL														
UTL	CAQ	310													
CON	TOLL														
CON	CAQ			1,382											
CON	TOLL														
CON	CAQ				491										
		310	0	1,382	491	0	0	0	0	0	0	0	0		
		Total FY2015-2018			2,183	Total FY2019-2022				0	Total FY2023-2026				0

Pennsylvania - Highway Program (Status: TIP)

Chester

MPMS# 59434 **Schuylkill River Trail (Q20)**

LIMITS Township Line Road to US 422 over Schuylkill River

Est Let Date: 6/22/2017

IMPROVEMENT Bicycle/Pedestrian Improvement

MUNICIPALITIES: Spring City Borough; East Coventry Township; East Pikeland Townsh **FC:**

AQ Code:A2

PLANNING AREA: Developed Community; Growing Suburb

IPD: 3

PROJECT MANAGER: EE/DVRPC/R. Gallagher

CMP: Not SOV Capacity Adding

Adding Subcorr(s): 9A

Construction of a 9.8 mile trail from Township Line Rd. in East Pikeland Township to US 422 over the Schuylkill River in North Coventry Township. The trail will be located within existing railroad and PECO Energy corridors, railroad and utility rights-of-way, existing bridges, canal towpaths, and public and private open space. This project will connect several parks and open space preserves and will provide a safe route for bicyclists and pedestrians traveling in along the US 422 and Schuylkill River corridor. Local funds will be used for environmental studies, preliminary engineering, final design, and right-of-way. This is a critical segment of a 130-mile multi-use regional trail connecting Philadelphia to Schuylkill County and other projects related to completing the trail include MPMS #61885.

This project is one of several phases of the Schuylkill River Trail which will ultimately follow the Schuylkill River through the City of Philadelphia from the River's terminus at the Delaware River through to the Montgomery County border where the trail will ultimately connect to the Chester Valley Trail and continue west through Chester County. It will connect residential communities with major employment, school, medical, retail, and service centers in Philadelphia, Bridgeport, Norristown, King of Prussia, Great Valley, and Exton, and in addition an eventual connection to the East Coast Greenway. These linkages will provide an extensive trail network through the DVRPC region.

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

		TIP Program Years (\$ 000)												
Phase	Fund	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	
CON	TOLL													
CON	CAQ			3,358										
CON	TOLL													
CON	CAQ				5,000									
		0	0	3,358	5,000	0	0	0	0	0	0	0	0	
		Total FY2015-2018		8,358		Total FY2019-2022			0		Total FY2023-2026			0

DVRPC FY 2015-2018 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Chester

MPMS# 61690 *Uwchlan Township Trails - Phase II SR:0000*

Return

LIMITS Along Sheree Boulevard

No Let Date

IMPROVEMENT Bicycle/Pedestrian Improvement

MUNICIPALITIES: Uwchlan Township

FC:

AQ Code:A2

PLANNING AREA: Growing Suburb

IPD: 0

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

Construction of 3 mile asphalt sidepath, 6.5' wide, adjacent to Sheree Boulevard.

In the spring of 2000 this project was recommended for funding through the Transportation Enhancements Program. \$885,000 will be drawn from MPMS #64984 at the appropriate time.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	
CON	STU		905											
CON	TOLL													
		0	905	0	0	0	0	0	0	0	0	0	0	
		Total FY2015-2018			905	Total FY2019-2022				0	Total FY2023-2026			0

DVRPC FY 2015-2018 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Chester

MPMS# 61885 **Schuylkill River Trail (Q42) SR:0000**

LIMITS Schuylkill River Canal Tow Path in Mont Clare to Ashland Street in Phoenixville Borough

Est Let Date: 12/14/2017

IMPROVEMENT Bicycle/Pedestrian Improvement

MUNICIPALITIES: Phoenixville Borough; Upper Providence Township

FC:

AQ Code:A2

PLANNING AREA: Developed Community

IPD: 1

PROJECT MANAGER: EE/DVRPC/R. Gallagher

CMP: Not SOV Capacity Adding

Adding Subcorr(s): 9A, 9B

Construction of a multi-use path within the right-of-way of the SR 29 bridge between the Schuylkill Canal Tow Path in Mont Clare - Upper Providence Township, Montgomery County and Ashland Street in Phoenixville Borough, Chester County. The project will modify the Mont Clare Bridge to turn the current five foot wide sidewalk on the bridge into a ten foot wide multi-use path to be consistent with the rest of the trail.

This project is one of several phases of the Schuylkill River Trail which will ultimately follow the Schuylkill River through the City of Philadelphia from the River's terminus at the Delaware River through to the Montgomery County border where the trail will ultimately connect to the Chester Valley Trail and continue west through Chester County. It will connect residential communities with major employment, school, medical, retail, and service centers in Philadelphia, Bridgeport, Norristown, King of Prussia, Great Valley, and Exton, and in addition an eventual connection to the East Coast Greenway. These linkages will provide an extensive trail network through the DVRPC region.

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

TIP Program Years (\$ 000)

Phase	Fund	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026				
ROW	LOC	248															
UTL	LOC		64														
CON	CAQ			275													
CON	LOC			68													
CON	CAQ				490												
CON	LOC				123												
		248	64	343	613	0	0	0	0	0	0	0	0				
		Total FY2015-2018				1,268				Total FY2019-2022				0			
						Total FY2023-2026				0							

DVRPC FY 2015-2018 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Chester

MPMS# 64220 US 422 Expressway Reconstruction (M03) SR:0422

Return

LIMITS Keim Street to PA 724 Interchange

Est Let Date: 10/8/2020

IMPROVEMENT Roadway Rehabilitation

MRPID:2

MUNICIPALITIES: North Coventry Township

FC: 12; 16

AQ Code:S19

PLANNING AREA: Growing Suburb

IPD: 1

PROJECT MANAGER: EE/LJL

CMP: Not SOV Capacity Adding

Adding Subcorr(s): 9A

Reconstruction of approximately one mile of expressway including one bridge carrying SR 0422 over Ramp GH at the SR 0724 Interchange; and one bridge carrying Keim Street over SR 0422. The Keim Street Bridge will provide 16'-6" of vertical clearance with SR 0422. SR 0422 horizontal radii will be increased to meet current design standards including stopping sight distance as well as increased shoulder widths and vertical clearance. SR 0422 will be reconstructed with a 9 foot left shoulder, 2-12 foot lanes, and a 12 foot right shoulder in each direction of travel. A concrete glare screen will be provided for physical separation between eastbound and westbound traffic. Acceleration and deceleration lanes at Keim Street Interchange and PA 724 Interchange will be improved to meet current design standards. Also see MPMS #s14698, 16738, 64222, 66986, and 84308.

		TIP Program Years (\$ 000)													
Phase	Fund	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026		
FD	581						3,690								
ROW	TOLL														
ROW	STU							696							
UTL	TOLL														
UTL	STU							696							
CON	TOLL														
CON	STU										9,399				
CON	185										23,704				
CON	581											7,072			
		0	0	0	0	0	3,690	1,392	0	0	33,103	7,072	0		
		Total FY2015-2018				0	Total FY2019-2022				5,082	Total FY2023-2026			40,175

DVRPC FY 2015-2018 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Chester

MPMS# 64498 US 202, Exton Bypass to Route 29 (Section 330-Mainline) SR:0202

LIMITS Exton Bypass to Little Valley Creek Bridge

ctl Let Date: 10/18/2012

IMPROVEMENT Roadway New Capacity

MRPID:43

MUNICIPALITIES: East Whiteland Township

FC: 12; 16

AQ Code:2017M

PLANNING AREA: Growing Suburb

IPD: 1

PROJECT MANAGER:

CMP: Major SOV Capacity

Adding Subcorr(s): 8C

This project involves widening and reconstruction of approximately 2.5 miles of Limited Access Highway from the SR 0030 (Exton Bypass) to the Valley Creek Bridge. In addition, improvements will be made at the SR 401 interchange area, which include widening SR 401 between the ramp intersections, along with the installation of traffic signals at the ramps. An additional lane and shoulder in each direction will be added within the existing grass median along the mainline. Widening of SR 401 will occur between ramps. Additional left and right turn lanes will be added along SR 401 to accommodate ramp turning movements. There will be no bike/ped facilities along the Limited Access Highway portion, however Chester County's future Chester Valley Trail will cross beneath the highway approximately one-half mile south of the SR202/SR401 Interchange through a proposed culvert. To accommodate pedestrians and bicyclists using the future Chester Valley Trail, the existing 3-span bridge crossing over the trail will be replaced with a continuous pre-cast arch culvert approximately 250' in length and will be paved within the states right-of-way. Also included is the construction of SWM basins and installation of sound barrier walls. Additional, improvements along SR 401 within the interchange area includes striping, signing and signal indications and the ramp intersections.

This project is coordinated with MPMS #64494 (Section 320 construction), MPMS #84410 (Section 300 CMP Commitments), and MPMS #14675 (Chester Valley Trail).

Section 300 of US Route 202 has been broken out into 4 major construction contracts: 2 advanced overhead bridge projects (MPMS #64493 and #65613) and 2 mainline reconstruction sections (MPMS #64494 and #64498).

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. (Many CMP commitments are also relevant for US 202 Section 400.) Also see MPMS #84410 for the CMP package of transit services for this project.

TOLL CREDIT

		TIP Program Years (\$ 000)												
Phase	Fund	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	
CON	TOLL													
CON	STU		3,700											
CON	TOLL													
CON	NHPP			3,756										
		0	3,700	3,756	0	0	0	0	0	0	0	0	0	
		Total FY2015-2018			7,456	Total FY2019-2022				0	Total FY2023-2026			0

DVRPC FY 2015-2018 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Chester

MPMS# 69917 PA 41, Gap Newport Pike Bridge Over Valley Creek SR:0041

LIMITS Over Valley Creek

Est Let Date: 6/18/2015

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Atglen Borough

FC: 2; 14

AQ Code:S19

PLANNING AREA: Developed Community

IPD: 0

PROJECT MANAGER: EE/J. Brown

CMP: Not SOV Capacity Adding

This project is the replacement of an existing single span adjacent box beam bridge with a precast reinforced concrete arch culvert (CON/SPAN). The existing and the proposed structure will be located under 12.0' of fill. It is not considered historical. The existing sufficiency rating is 44.7. The structure currently has an ADT of 13,777 with 21% trucks. The existing lane widths are 11' and each shoulder is 8' (total 38'). The proposed structure will have 12' lanes with a 12' shoulder on the left and a 16' shoulder on the right (total 52'). The larger shoulder is required for traffic control during construction. Approach roadway work will be approximately ½ mile (includes SR 41/Section NPP) to provide a lane and shoulder width that meets current criteria in order to maintain traffic during construction. There are no existing pedestrian or bike features. There are no planned pedestrian or bike accommodations. 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	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026		
FD	581	493													
CON	NHPP		500												
CON	581		702												
CON	NHPP			500											
		493	1,202	500	0	0	0	0	0	0	0	0	0		
		Total FY2015-2018			2,195	Total FY2019-2022				0	Total FY2023-2026				0

MPMS# 69918 PA 41, Gap Newport Pike Bridge Over Officers Run SR:0041

LIMITS Over Officers Run

Est Let Date: 6/18/2015

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Atglen Borough

FC: 14

AQ Code:S19

PLANNING AREA: Developed Community

IPD: 0

PROJECT MANAGER: EE/J. Brown

CMP: Not SOV Capacity Adding

This project is the replacement of an existing single span reinforced concrete T-beam bridge with a spread box beam widening on the left side with a prestressed concrete spread box beam bridge. It is not considered historical. The existing sufficiency rating is 76.4. The structure currently has an ADT of 13,777 with 21% trucks. The existing lane widths are 11' with varying shoulders (8' to 10') and has a variable width raised mountable median providing for a minimum of 51'-3" curb-to-curb. The proposed structure will have 12' lanes with a 12' shoulder on the left and a 16' shoulder on the right and a 15' median providing an 11' turn lane and a 4' painted traffic separator (total 70'-4 ½"). The larger shoulder is required for traffic control during construction. Approach roadway work will be approximately ½ mile (includes SR 41/Section VCB) to provide a lane and shoulder width that meets current criteria in order to maintain traffic during construction. There are no existing pedestrian or bike features. There are no planned pedestrian or bike accommodations. 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	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026		
CON	NHPP		500												
CON	581		665												
CON	NHPP			500											
CON	581			4,891											
		0	1,165	5,391	0	0	0	0	0	0	0	0	0		
		Total FY2015-2018			6,556	Total FY2019-2022				0	Total FY2023-2026				0

DVRPC FY 2015-2018 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Chester

MPMS# 69919 PA 372, Lower Valley Road Bridge Over Officers Run SR:0372

LIMITS Over Officers Run

Est Let Date: 6/23/2016

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Atglen Borough

FC: 17

AQ Code:S19

PLANNING AREA: Developed Community

IPD: 0

PROJECT MANAGER: EE/J. Brown

CMP: Not SOV Capacity Adding

The project involves replacing the bridge carrying Newport Pike (near SR 41) over Officers Run. It is the replacement of an existing two span reinforced concrete slab bridge with a prestressed concrete adjacent box beam bridge. It is not considered historical. The existing sufficiency rating is 17.5. The structure currently has an ADT of 4,532 with 12% trucks. The existing lane widths are 12' lanes and 4' shoulders (total approx. 32'). The proposed structure will have 12' lanes with 5' shoulders on each side (total 34'). Approach roadway work is limited to that required to replace the bridge. There are no existing pedestrian or bike features. There are no planned pedestrian or bike accommodations. 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	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026
FD	185	300											
CON	185		2,731										
		300	2,731	0	0	0	0	0	0	0	0	0	0
		Total FY2015-2018		3,031		Total FY2019-2022				0			
										Total FY2023-2026			
										0			

MPMS# 71197 Sadsburyville Village Enhancement Plan (HTSSRS) SR:4001

LIMITS Lincoln Highway at Old Wilmington Road

No Let Date

IMPROVEMENT Streetscape

MUNICIPALITIES: Sadsbury Township

FC: 17

AQ Code:A2

PLANNING AREA: Rural Area

IPD: 0

PROJECT MANAGER: EE/DVRPC/J. Briggs

CMP: Not SOV Capacity Adding

Streetscape program to improve pedestrian safety and to beautify Lincoln Highway (Bus. Rt 30) in Sadsburyville (Sadsbury Township, Chester County) through the introduction of sidewalks, crosswalks, street trees and traffic calming elements.

The Sadsburyville Village Traffic Enhancement Project involves the provision of improvements along a portion of Lincoln Highway (Business Route 30) to increase pedestrian safety and mobility within the historic village of Sadsburyville, Sadsbury Township, Chester County, PA. The scope of the traffic enhancements include the installation of sidewalks, crosswalks, curb extensions and bulb outs, traffic islands, and tree planting. These improvements, along with lane re-striping, will facilitate on-street parking, while reducing vehicle speeds, increase pedestrian mobility, and generally improve the streetscape in this village.

\$436,250 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	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026
CON	STU	436											
CON	STP		216										
		436	216	0	0	0	0	0	0	0	0	0	0
		Total FY2015-2018		652		Total FY2019-2022				0			
										Total FY2023-2026			
										0			

DVRPC FY 2015-2018 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Chester

MPMS# 72912 **West Grove Community Streetscape (HTSSRS)**

LIMITS Evergreen Avenue/Prospect Avenue/Exchange Place

No Let Date

IMPROVEMENT Streetscape

MUNICIPALITIES: West Grove Borough

FC:

AQ Code:A2

PLANNING AREA: Developed Community

IPD: 3

PROJECT MANAGER: EE/DVRPC/J. Banks

CMP: Not SOV Capacity Adding

Adding Subcorr(s): 3A, 10A

This project will provide for pedestrian improvements in the Central Business District within West Grove Borough along Evergreen Avenue, Prospect Avenue and Exchange Place. Improvements include sidewalk replacement, crosswalks, lightning, street furniture and street trees.

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. \$1 million funding will be drawn down at the appropriate time.

		TIP Program Years (\$ 000)											
Phase	Fund	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026
CON	STU		1,017										
CON	STU			203									
		0	1,017	203	0	0	0	0	0	0	0	0	0
Total FY2015-2018		1,220				Total FY2019-2022				0			
										Total FY2023-2026			
										0			

MPMS# 77457 **Church Street Streetscape (TE)**

LIMITS Chestnut Street to Miner Street

Actl Let Date: 5/2/2013

IMPROVEMENT Streetscape

MUNICIPALITIES: West Chester Borough

FC:

AQ Code:X12

PLANNING AREA: Developed Community

IPD: 3

PROJECT MANAGER:

CMP: Not SOV Capacity Adding

Adding Subcorr(s): 8B

The project will replace aging deteriorated streetscape infrastructure in downtown West Chester. It will include installation of new sidewalks, curbs, pedestrian style street lighting, street furniture, street trees, planters, handicap ramps, storm water inlets where necessary.

In the spring of 2006 this project was recommended for funding through the Home Town Streets Program. \$849,052 will be drawn from MPMS #64984 at the appropriate time.

		TIP Program Years (\$ 000)											
Phase	Fund	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026
CON	TOLL												
CON	STU	130											
		130	0	0	0	0	0	0	0	0	0	0	0
Total FY2015-2018		130				Total FY2019-2022				0			
										Total FY2023-2026			
										0			

DVRPC FY 2015-2018 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Chester

MPMS# 78521 Sunnyside Rd o/Octoraro Rd.

LIMITS No Let Date

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: FC: AQ Code:S19

PLANNING AREA: IPD:

PROJECT MANAGER: CMP:

This project is a retro-reimbursement to replace the Sunnyside Road over Octoraro Road Bridge. The new bridge is a 56 foot single span, prestressed concrete box beam superstructure on reinforced concrete abutments. In addition, the new unrestricted bridge has a standard safety section parapet, approach guiderail, and safely accommodates two-way traffic along Sunnyside Road. As a part of the bridge construction, the roadway profile was adjusted and the bridge was raised to meet the requirements of the PUC Order for clearance over the East Penn Railway track below.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	
ROW	183		27											
ROW	LOC		7											
CON	183					976								
CON	LOC					244								
		0	34	0	0	1,220	0	0	0	0	0	0	0	
		Total FY2015-2018			34	Total FY2019-2022				1,220	Total FY2023-2026			0

MPMS# 80042 PA 100, Corridor Safety Improvements SR:0100

LIMITS Hanover Street to Font Road No Let Date

IMPROVEMENT Intersection/Interchange Improvements

MUNICIPALITIES: South Coventry Township; Upper Uwchlan Township; West Vincent T FC: 2; 14 AQ Code:S6

PLANNING AREA: Rural Area; Growing Suburb IPD: 0

PROJECT MANAGER: TSS/M. Saintval CMP: Not SOV Capacity Adding Adding Subcorr(s): 16A

The DVRPC PA 100 Corridor Safety Study identified necessary safety improvements along the Route 100 Corridor in five townships of Chester County to help reduce the incidents of speeding and the number of accidents. The police pull out, climbing lane, and Dynamic Message Sign improvements are planned measures to slow motorists down in order to reduce the number of "hit fixed objects" accidents that occur within this corridor due to drivers travelling "too fast for conditions". The SR 0023 and SR 0100 intersection improvements will be designed to reduce the number of angle and rear-end crashes that occur at this location, especially due to factors such as PM peak hour traffic congestion and intersection geometry. Locations: PA 100 N & S. Coventry, E. Nantmeal, W. Vincent & Upper Uwchlan Twps. Corridor Safety Improvements. 9.36 (miles). Companion with MPMS #80044.

FD (\$450,000 estimate), ROW (\$450,000 estimate), and CON (\$6,500,000 estimate) will be drawn from MPMS #57927 at the appropriate time.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	
FD	HSIP	477												
ROW	TOLL													
ROW	HSIP	151												
CON	HSIP													
		628	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2015-2018			628	Total FY2019-2022				0	Total FY2023-2026			0

DVRPC FY 2015-2018 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Chester

MPMS# 80049 Walker Road Bridge Over Trout Run Creek (Thompson's Bridge)

LIMITS Over Trout Run Creek

Est Let Date: 4/16/2015

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Tredyffrin Township

FC:

AQ Code:S19

PLANNING AREA: Growing Suburb

IPD: 1

PROJECT MANAGER: TSS/GANNETT/S. New

CMP: Not SOV Capacity Adding

Adding Subcorr(s): 8C

Replace Thompson's Bridge on Walker Road over Trout Run Creek in Tredyffrin Township. This County owned bridge (#301) is structurally deficient (sufficiency rating of 4), functionally obsolete, and posted for 15 tons. 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	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	
CON	STU	679												
CON	183	127												
CON	LOC	43												
CON	STU		71											
CON	183		14											
CON	LOC		4											
		849	89	0	0	0	0	0	0	0	0	0	0	
		Total FY2015-2018			938		Total FY2019-2022			0		Total FY2023-2026		0

MPMS# 80101 PA 52, Wawaset/Unionville Road South Roundabout SR:0052

LIMITS At Wawaset Road and Lenape Unionville Road

Actl Let Date: 11/7/2013

IMPROVEMENT Intersection/Interchange Improvements

MUNICIPALITIES: Pocopson Township

FC: 16

AQ Code:R1

PLANNING AREA: Growing Suburb

IPD: 1

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

This project will include the design and construction of a one lane roundabout to improve the safety and operations at the intersection of PA 52, Wawaset and Lenape Unionville Roads in Pocopson Township. The proposed improvements will consist of reconfiguring the existing intersection to a roundabout and shifting the existing Pocopson Home driveway.

The township will be responsible for 100 % engineering and right-of way.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	
CON	STU	589												
		589	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2015-2018			589		Total FY2019-2022			0		Total FY2023-2026		0

DVRPC FY 2015-2018 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Chester

MPMS# 81286 *Creek Rd o/ E Brandywine (PA 282) (Bridge)*

LIMITS Chester County

No Let Date

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Wallace Township

FC: 7

AQ Code:S19

PLANNING AREA: Rural Area

IPD: 0

PROJECT MANAGER: HNTB/N. Velaga

CMP: Not SOV Capacity Adding

This project involves rehabilitating or replacing the state bridge over the East Brandywine Creek on Creek Road north of Fairview and Indiantown Roads in Wallace Township. Structurally Deficient bridge breakout project from MPMS #88706. A final alternative for bridge rehabilitation or replacement is determined upon federal National Environmental Policy Act (NEPA) or state Categorical Exclusion clearance.

		TIP Program Years (\$ 000)											
Phase	Fund	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026
FD	185	291											
ROW	185		54										
UTL	185			13									
CON	BOF					1,048							
CON	185					262							
		291	54	13	0	1,310	0	0	0	0	0	0	0
		Total FY2015-2018			358	Total FY2019-2022			1,310	Total FY2023-2026			0

MPMS# 84410 *US 202, Section 300 CMP Commitments (Transit)*

LIMITS R5/Paoli - Thorndale

No Let Date

IMPROVEMENT Transit Improvements

MRPID:43

MUNICIPALITIES:

FC: 12

AQ Code:M1

PLANNING AREA:

IPD:

PROJECT MANAGER: TSS/M. Fausto

CMP: Not SOV Capacity Adding

Adding Subcorr(s): 8B, 8C, 16A

This project includes bus transit services and select regional rail (SEPTA Paoli-Thorndale) trips that are Congestion Management Process (CMP) commitments for the US 202 Section 300 project. The transit services are provided to help reduce the number of peak-hour, single occupancy vehicle trips through the US 202 Section 300 Corridor during construction. The bus routes include SEPTA 204, SEPTA 205, SEPTA 306, Beeline and Cruiseline East. This project is coordinated with MPMS #64494 (Section 320 construction), MPMS #64498 (Section 330 construction), and MPMS#14675 (Chester Valley Trail, Phase 2).

		TIP Program Years (\$ 000)											
Phase	Fund	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026
PE	TOLL												
PE	STU	1,500											
PE	TOLL												
PE	STU		1,550										
		1,500	1,550	0	0	0	0	0	0	0	0	0	0
		Total FY2015-2018			3,050	Total FY2019-2022			0	Total FY2023-2026			0

DVRPC FY 2015-2018 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Chester

MPMS# 84884 US 30, Coatesville Downingtown Bypass (CWR-Western Section)

Return

LIMITS US 30, from PA10 to Reeceville Rd.

No Let Date

IMPROVEMENT Roadway Rehabilitation

MUNICIPALITIES: Coatesville City; Downingtown Borough

FC: 6; 12; 14; 16;
17; 19

AQ Code:2035M

PLANNING AREA: Developed Community

IPD: 2

PROJECT MANAGER:

CMP: Major SOV Capacity

Adding Subcorr(s): 7E

The purpose of this project is reconstruction of mainline pavement; reconstruction and widening of the mainline shoulders; replacement and widening of mainline bridge superstructures; construction of new ramps (to complete partial interchanges); reconstruction, realignment, and lengthening of all on and off ramps (to provide storage length for traffic signals and/or ramp metering); reconstruction of arterial overpasses; installation of ITS elements (dynamic message signs, closed circuit television, and incident detection); and minor improvements to parallel arterial routes (to be determined). This project includes the upgrading of the Airport Road interchange to a full interchange. This project is for the final design, right-of-way, utility and construction phases of the western section. MPMS 14532 provides for the preliminary design portion of this project and the eastern section, as well as additional study work to determine the approach to address further needs of the eastern (MPMS #87781) and western sections.

The overall corridor construction cost estimate is \$630 million.

		TIP Program Years (\$ 000)											
Phase	Fund	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026
FD	STU						8,070						
FD	581						2,269						
ROW	581							2,280					
UTL	581							760					
CON	SPK-NH							50,000					
CON	581							20,503					
CON	SPK-NH								50,000				
CON	581								7,826				
CON	NHPP									50,485			
CON	581									23,241			
CON	NHPP										50,000		
CON	581										29,222		
CON	NHPP											9,826	
CON	581											18,044	
		0	0	0	0	0	10,339	73,543	57,826	73,726	79,222	27,870	0
		Total FY2015-2018			0	Total FY2019-2022			141,708	Total FY2023-2026			180,818

DVRPC FY 2015-2018 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Chester

MPMS# 84961 Yellow Springs Parking & Street Enhancement (TCSP)

LIMITS Historic Yellow Springs

Est Let Date: 3/26/2015

IMPROVEMENT Bicycle/Pedestrian Improvement

MUNICIPALITIES: West Pikeland Township

FC:

AQ Code:S6

PLANNING AREA: Growing Suburb

IPD: 0

PROJECT MANAGER: AECOM/C. Carmichael

CMP: Not SOV Capacity Adding

This proposed project will provide for parking and street enhancements in the historic village of Yellow Springs. These improvements include eliminating the often dangerous on the street (parallel parking) on Art School Road; adding a pedestrian walkway so that visitors can safely cross the street when visiting historic Yellow Springs (HYS) or the Chester Springs Library; adding at grade handicap access to the Lincoln Building and other facilities. This will provide accessibility and safety to our constituents of all ages, and the improved parking will help HYS attract new constituents. The primary goal of this project is to improve access and safety through street parking enhancements to this 286-year old village. These enhancements will help the organization grow by attracting new visitors while providing improved and safer walkways, streets and parking for our current constituents.

\$20,000 DEMO from PA ID #720 available for this project. \$133,380 FY2009 TCSP funds has been awarded to this project.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	
CON	STU	152												
CON	TOLL													
CON	SXF	20												
		172	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2015-2018			172	Total FY2019-2022				0	Total FY2023-2026			0

DVRPC FY 2015-2018 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Chester

MPMS# 85949 SR 896 Safety Improvements

LIMITS PA 896, Elbow Lane to Shepherd Lane

No Let Date

IMPROVEMENT Intersection/Interchange Improvements

MUNICIPALITIES: London Britain Township; New London Township

FC: 6; 16

AQ Code:S6

PLANNING AREA: Rural Area

IPD: 0

PROJECT MANAGER: Gannett/B. Masi

CMP: Not SOV Capacity Adding

The scope of work for this project was developed from the Road Safety Audit which was conducted in November 2006 and undertaken by DVRPC in conjunction with the Pennsylvania Department of Transportation. The purpose of this project is to reduce the number of crashes and related injuries and severity of the crashes which occur along the approximate five mile section of PA Route 896, between Elbow Lane in London Britain Township and Shepherd Lane in New London Township. This project will include: Increasing the lane width and shoulder width along PA Route 896; installing appropriate signage along PA Route 896; improving drainage along PA Route 896; installing raised pavement markers (RPM), delineators, and rumble strips along PA Route 896. Estimated total project cost is \$13,218,000.

FD (\$1,200,000 estimate), ROW (\$1,000,000 estimate), UTL (\$250,000 estimate), and CON (\$8,200,000 estimate) will be drawn from MPMS #57927 at the appropriate time. FY10 - Regional Safety Program.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	
PE	TOLL													
PE	HSIP		550											
FD	TOLL													
FD	HSIP	473												
FD	TOLL													
FD	HSIP			800										
CON	HSIP													
		473	550	800	0	0	0	0	0	0	0	0	0	
		Total FY2015-2018			1,823	Total FY2019-2022				0	Total FY2023-2026			0

DVRPC FY 2015-2018 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Chester

MPMS# 86064 *Hadfield Road Bridge Over Beaver Creek (CB #244)*

LIMITS Over Beaver Creek

No Let Date

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: East Brandywine Township

FC:

AQ Code:S19

PLANNING AREA: Growing Suburb

IPD: 0

PROJECT MANAGER: TSS/GANNETT/S. New

CMP: Not SOV Capacity Adding

This project involves rehabilitating or replacing Hadfield Road over Beaver Creek in East Brandywine Township. This County owned bridge (#244) is structurally deficient (sufficiency rating of 37), functionally obsolete, and posted for 12 tons. The bridge has the following condition ratings: deck - 4, super - 4, sub - 7. 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	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026		
PE	STP		20												
PE	183		4												
PE	LOC		1												
ROW	BOF		44												
ROW	183		9												
ROW	LOC		2												
CON	BOF				927										
CON	183				174										
CON	LOC				58										
		0	80	0	1,159	0	0	0	0	0	0	0	0		
		Total FY2015-2018			1,239	Total FY2019-2022				0	Total FY2023-2026				0

MPMS# 86306 *Indian Run Drive over Indian Run bridge*

New

LIMITS Indian Run Drive over Indian Run

No Let Date

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Wallace Township

FC:

AQ Code:S19

PLANNING AREA: Rural Area

IPD:

PROJECT MANAGER: TSS/T. Stevenson

CMP: Not SOV Capacity Adding

Adding Subcorr(s): 2D, 4D, 6A

This project is for the ROW phase of the Indian Run Drive over Indian Run bridge replacement that is part of the statewide P3 Rapid Bridge Replacement.

TIP Program Years (\$ 000)

Phase	Fund	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026		
ROW	S581	3													
		3	0	0	0	0	0	0	0	0	0	0	0		
		Total FY2015-2018			3	Total FY2019-2022				0	Total FY2023-2026				0

DVRPC FY 2015-2018 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Chester

MPMS# 86696 Watermark Road Bridge Over Muddy Run (CB #21)

LIMITS Over Muddy Run

Est Let Date: 9/15/2016

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Upper Oxford Township

FC:

AQ Code:S19

PLANNING AREA: Rural Area

IPD: 0

PROJECT MANAGER: TSS/GANNETT/S. New

CMP: Not SOV Capacity Adding

This project involves rehabilitating or replacing the bridge on Watermark Rd. over Muddy Run in Upper Oxford Township. This County owned bridge (#21) is structurally deficient (sufficiency rating of 24), functionally obsolete, and posted for 10 tons. The bridge has the following condition ratings: deck - 5, super - 4, sub - 6. This project was included in the Bridge Bill (1988, Act 23, pg 67, ID LBVVVV) and is eligible for state bridge funding. BMS number is 15701503200021.

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	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026		
FD	BOF	282													
FD	183	53													
FD	LOC	18													
ROW	BOF		44												
ROW	183		9												
ROW	LOC		2												
UTL	BOF		44												
UTL	183		9												
UTL	LOC		2												
CON	183			2,268											
CON	LOC			119											
		353	110	2,387	0	0	0	0	0	0	0	0	0		
		Total FY2015-2018			2,850	Total FY2019-2022				0	Total FY2023-2026				0

DVRPC FY 2015-2018 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Chester

MPMS# 86698 **Osborne Road Bridge Over Beaver Creek**

LIMITS Over Beaver Creek

Est Let Date: 11/15/2017

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Caln Township

FC:

AQ Code:S19

PLANNING AREA: Growing Suburb

IPD: 1

PROJECT MANAGER: TSS/GANNETT/S. New

CMP: Not SOV Capacity Adding

This project involves rehabilitating or replacing the Osborne Road Bridge over Beaver Creek in Caln Township. This is a single-lane, locally owned bridge that is structurally deficient (sufficiency rating of 24), functionally obsolete, and currently posted at 8 tons. The bridge has the following condition ratings: deck - 6, super - 4, sub - 5. The bridge provides the local access between State Route 340 and US Route 322.

This project was included in the Bridge Bill (2004, Act 145, pg 345, ID LB4) and is eligible for state bridge funding. The BMS number is 15710101200001. 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	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026
CON	STU	798											
CON	183	150											
CON	LOC	49											
CON	STU		520										
CON	183		97										
CON	LOC		33										
		997	650	0	0	0	0	0	0	0	0	0	0
		Total FY2015-2018		1,647		Total FY2019-2022				0			
										Total FY2023-2026			0

DVRPC FY 2015-2018 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Chester

MPMS# 87781 US 30, Coatesville Downingtown Bypass (CER-Eastern Section)

Return

LIMITS US 30, from East of Reeceville Rd Interchange to Quarry Rd.

No Let Date

IMPROVEMENT Roadway Rehabilitation

MUNICIPALITIES: East Caln Township

FC: 12; 14; 16; 17;
19

AQ Code:2040M

PLANNING AREA: Growing Suburb

IPD: 1

PROJECT MANAGER:

CMP: Major SOV Capacity

Adding Subcorr(s): 7E

The purpose of this project is reconstruction of mainline pavement; potential addition of through lanes and capacity enhancements between PA 113 and PA 340 (as determined by traffic analysis); reconstruction and widening of the mainline shoulders; replacement and widening of mainline bridge superstructures; construction of new ramps (to complete partial interchanges); reconstruction, realignment, and lengthening of all on and off ramps (to provide storage length for traffic signals and ramp metering); reconstruction of arterial overpasses; installation of ITS elements (dynamic message signs, closed circuit television, incident detection, and ramp meters); and minor improvements to parallel arterial routes (to be determined). This project provides for the final design, right-of-way, utility, and construction phases of the eastern section of the Coatesville-Downingtown Bypass Reconstruction.

MPMS #14532 provides for the preliminary design portion of this project and the western section, as well as additional study work to determine the approach for this eastern section. MPMS #84884 contains the construction of the western section.

The overall corridor construction cost estimate is \$630 million.

TIP Program Years (\$ 000)

Phase	Fund	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026		
FD	STU											10,522			
FD	581											2,630			
ROW	NHPP												2,114		
ROW	581												529		
UTL	NHPP												705		
UTL	581												176		
		0	0	0	0	0	0	0	0	0	0	13,152	3,524		
		Total FY2015-2018				0	Total FY2019-2022				0	Total FY2023-2026			16,676

DVRPC FY 2015-2018 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Chester

MPMS# 90612 *Boot Road o/ Amtrak (Bridge)*

LIMITS East Caln Township, West of Quarry Rd intersection

Est Let Date: 5/14/2020

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: East Caln Township

FC: 16

AQ Code:S19

PLANNING AREA: Growing Suburb

IPD: 1

PROJECT MANAGER: TSS/S. Fellin

CMP: Not SOV Capacity Adding

Adding Subcorr(s): 7E

This project involves rehabilitating or replacing the state bridge over Amtrak on Boot Road near Quarry Road in East Caln Township. Structurally Deficient bridge breakout project from MPMS #88706. A final alternative for bridge rehabilitation or replacement is determined upon federal National Environmental Policy Act (NEPA) or state Categorical Exclusion clearance.

TIP Program Years (\$ 000)														
Phase	Fund	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	
PE	185	133												
FD	185	535												
ROW	185	281												
UTL	185	563												
CON	185							6,182						
		1,512	0	0	0	0	0	6,182	0	0	0	0	0	
		Total FY2015-2018			1,512	Total FY2019-2022				6,182	Total FY2023-2026			0

MPMS# 92146 *State Road o/ Elk Creek*

Return

LIMITS North of Reisler Road and South of Rogers Road over Little Elk Creek on State Road.

No Let Date

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Elk Township

FC: 8

AQ Code:S19

PLANNING AREA: Rural Area

IPD: 1

PROJECT MANAGER: TSS/SH

CMP: Not SOV Capacity Adding

This is a bridge replacement and associated roadway approach reconstruction, plus guiderail and drainage improvements.

Design is being done under MPMS# 88706.

TIP Program Years (\$ 000)														
Phase	Fund	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	
CON	STP					764								
CON	185					191								
		0	0	0	0	955	0	0	0	0	0	0	0	
		Total FY2015-2018			0	Total FY2019-2022				955	Total FY2023-2026			0

DVRPC FY 2015-2018 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Chester

MPMS# 92319 SR 422 Sinkhole Repairs

Return

LIMITS From First Avenue to the PA Turnpike

No Let Date

IMPROVEMENT

MUNICIPALITIES: Tredyffrin Township

FC:

AQ Code:S10

PLANNING AREA: Growing Suburb

IPD:

PROJECT MANAGER:

CMP:

The repairs include compaction grouting, pavement milling and overlay, concrete pavement stabilization measures, and geo-textile lining of the median.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	
CON	TOLL													
CON	NHPP	170												
		170	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2015-2018			170	Total FY2019-2022				0	Total FY2023-2026			0

MPMS# 92733 Downingtown Pk over/E Branch Brandywine (Bridge)

LIMITS East Bradford Township, west of Sugar Bridge Road

Est Let Date: 2/17/2022

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: East Bradford Township

FC: 14

AQ Code:S19

PLANNING AREA: Growing Suburb

IPD: 0

PROJECT MANAGER: TSS/S. Fellin

CMP: Not SOV Capacity Adding

Bridge rehabilitation or replacement of state bridge over the East Branch of the Brandywine Creek on Downingtown Pike between Sugar Bridge Road and Skelp Level Road in Townships. 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	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	
PE	185	106												
FD	185	477												
ROW	185		273											
UTL	185			281										
CON	185							4,567						
		583	273	281	0	0	0	0	4,567	0	0	0	0	
		Total FY2015-2018			1,137	Total FY2019-2022				4,567	Total FY2023-2026			0

DVRPC FY 2015-2018 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Chester

MPMS# 95366 US 202 over AMTRAK

LIMITS

Est Let Date: 8/27/2015

IMPROVEMENT Bridge Repair/Replacement

MRPID:43

MUNICIPALITIES: West Whiteland Township

FC:

AQ Code:S19

PLANNING AREA: Growing Suburb

IPD: 0

PROJECT MANAGER: TSS/M. Fausto

CMP: Not SOV Capacity Adding

Adding Subcorr(s): 7D, 8C

This project involves the rehabilitation of the Route 202 bridges spanning Amtrak located just south of the S.R. 0202/US 30 Exton Bypass Interchange in West Whiteland Township. The proposed work consists of full deck replacement including new expansion joints, parapets, scuppers, downspouts, and approach guide rail transitions. Additional work includes new approach slabs; painting steel girders, as needed; repair of pier caps (Piers 3 and 5) and abutment stems (far abutment), as needed, and steel girder retrofits and/or strengthening details, localized re-grading, replacement of the slope wall in front of the near abutment, and replacement of the existing concrete crib wall along Dunwoody Drive. Also included in this project is the relocation of a section of fiber optic cable and the replacement of four (4) existing DMS (panels only) to be functionally consistent with other LED signs along the corridor.

This project is a breakout of US 202, Section 320 and 330 (MPMS #64494).

TIP Program Years (\$ 000)

Phase	Fund	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026
CON	TOLL												
CON	NHPP	4,949											
CON	TOLL												
CON	NHPP		5,989										
CON	TOLL												
CON	STP			1,781									
CON	TOLL												
CON	STU			406									
CON	TOLL												
CON	NHPP			7,975									
		4,949	5,989	10,162	0	0	0	0	0	0	0	0	0
		Total FY2015-2018		21,100		Total FY2019-2022			0	Total FY2023-2026			0

DVRPC FY 2015-2018 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Chester

MPMS# 95430 US 202 at SR 926 Intersection Improvement

LIMITS Est Let Date: 7/12/2018
IMPROVEMENT Intersection/Interchange Improvements MRPID:39
MUNICIPALITIES: Various FC: 14; 16 AQ Code:R1
PLANNING AREA: IPD: 0
PROJECT MANAGER: Gannett/V. Genua **CMP:** Minor SOV Capacity Adding Subcorr(s): 8A

This project includes improvements that will help reduce congestion and increase safety at the intersection of US 202 and SR 926 through lane reconfigurations, striping, upgrades to the traffic signal, signal timing, and bicycle and pedestrian improvements. The roadway improvements for this intersection include installation of a southbound right-turn deceleration lane on US 202 and an additional eastbound left-turn lane on SR 926, creating a double left-turn configuration along the eastbound approach onto Route 202 NB. Pedestrian and bicycle intersection improvements include physical upgrades such as high-visibility crosswalks, ADA ramps, pedestrian landings, sidewalk extension from intersection east to Dalmally Dr, as well signal equipment upgrades for pedestrian push buttons, countdown signal heads, and lighting.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	
FD	STP		468											
FD	581		131											
ROW	STP			45										
ROW	581			11										
UTL	STP			90										
UTL	581			23										
CON	STP				1,113									
CON	581				278									
		0	599	169	1,391	0	0	0	0	0	0	0	0	
		Total FY2015-2018			2,159		Total FY2019-2022			0		Total FY2023-2026		0

MPMS# 96241 US 202/Boot Road Interchange Area Adaptive Signal Control

LIMITS Boot Road/US 202 interchange vcl Let Date: 10/24/2014
IMPROVEMENT Signal/ITS Improvements
MUNICIPALITIES: West Goshen Township FC: 16 AQ Code:2017M
PLANNING AREA: Growing Suburb IPD:
PROJECT MANAGER: HNTB/N. Velaga **CMP:**

A Traffic Adaptive Signal Control System will be implemented at the Boot Road/US Route 22 interchange, including the intersections of US 202 and Greenhill Road (SR 2018) with Boot Road (SR 2020). Additional signal improvements include optimized signal timings, coordination of Boot Road from the US Route 202 Ramps to Greenhill Road, and the US Route 202 Southbound Off-Ramp pre-emption to prevent vehicles from queuing onto the U.S. Route 202 mainline.

This project was awarded \$244,000 CMAQ funds from DVRPC's 2011-2012 Competitive CMAQ Program on October 25, 2012.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	
CON	TOLL													
CON	CAQ	75												
		75	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2015-2018			75		Total FY2019-2022			0		Total FY2023-2026		0

DVRPC FY 2015-2018 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Chester

MPMS# 98004 East Whiteland Township Signal Backup (ARLE 3)

ARLE

LIMITS

No Let Date

IMPROVEMENT Signal/ITS Improvements

MUNICIPALITIES: East Whiteland Township

FC:

AQ Code:NRS

PLANNING AREA: Growing Suburb

IPD:

PROJECT MANAGER:

CMP: Not SOV Capacity Adding

This project funded by the Automated Red Light Enforcement (ARLE) Round 3 program will be used to install battery back-up plugs at intersections in order to connect generator during power outages. The intersections are: Route 29 & Swedesford Road, Route 29 & Liberty Boulevard, Route 29 & Valley Stream Parkway, Route 29 & Great Valley Parkway, Route 29 & Atwater / General Warren, Swedesford Road & Route 202 Ramps A & B, Swedesford Road & Valley Stream Parkway, Swedesford Road & West Liberty, West Liberty & Old Moorehall Road, Route 30 & 202 Northbound Ramps, Route 30 & 202 Southbound Ramps, Route 30 & Phoenixville Pike, Route 30 & United Artist, Route 30 & Planebrook Road, Route 30 & Route 352, Route 30 & Church Road, Route 30 & Malin Road, Route 30 & Deerfield, Route 30 & Old Lincoln Highway, Route 30 & Route 401, Route 352 & King Road, Route 401 & Moores Road, Route 401 & Mill Lane, Route 401 & Swedesford Road / Malin Road, Route 401 & Phoenixville Pike.

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 3 (2012 ARLE funds) award: \$10,225. Round 3 of ARLE awarded approximately a total of \$4.7 million statewide.

		TIP Program Years (\$ 000)													
Phase	Fund	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026		
CON	244	10													
		10	0	0	0	0	0	0	0	0	0	0	0		
		Total FY2015-2018			10	Total FY2019-2022				0	Total FY2023-2026				0

DVRPC FY 2015-2018 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Chester

MPMS# 98096 PA 41 & Newark Rd Improvements

New

LIMITS PA 41 and Newark Road Intersection

No Let Date

IMPROVEMENT Intersection/Interchange Improvements

MUNICIPALITIES: New Garden Township

FC:

AQ Code:R1

PLANNING AREA: Growing Suburb

IPD: 2

PROJECT MANAGER: EE/M. Saintval

CMP: Minor SOV Capacity

Proposed improvements for the PA 41 and Newark Road intersection include the addition of left-turn lanes on the Newark Road approaches to PA 41 and the retiming of traffic signals.

PE activities are being completed under MPMS# 14484.

PA 122 original amount \$5,000,000.00; current balance is \$ 2,852,328.90 – Improve PA 41 between Delaware State line and PA 926.

PA 173 original amount \$6,000,000.00; current balance is \$189,144.60 - Improve safety on PA-41 from US-30 to PA-926

PA 357 original amount \$3,360,000.00; current balance is \$2,614,956.00 -PA 41-conduct environmental review & acquire ROW for preferred alternative.

		TIP Program Years (\$ 000)													
Phase	Fund	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026		
FD	TOLL														
FD	SXF	100													
FD	TOLL														
FD	SXF		150												
ROW	TOLL														
ROW	SXF		600												
ROW	TOLL														
ROW	SXF			45											
UTL	TOLL														
UTL	SXF			50											
CON	STU			204											
CON	581			51											
CON	TOLL														
CON	SXF				1,000										
		100	750	350	1,000	0	0	0	0	0	0	0	0		
		Total FY2015-2018			2,200	Total FY2019-2022				0	Total FY2023-2026				0

DVRPC FY 2015-2018 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Chester

MPMS# 98223 *Creek Road over Pickering Creek*

LIMITS Thompson Davis Bridge

No Let Date

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Schuylkill Township

FC:

AQ Code:S19

PLANNING AREA: Growing Suburb

IPD: 1

PROJECT MANAGER: TSS/S. New

CMP: Not SOV Capacity Adding

Adding Subcorr(s): 9B

This project is a replacement or rehabilitation of Thompson Davis Bridge, carrying Creek Road (T542) over Pickering Creek in Schuylkill Township. This is a County owned bridge (#175) that is structurally deficient (sufficiency rating of 15.6), functionally obsolete, and posted at 15 tons. This 54 ft. single span, steel I-beam bridge was built in 1879 and carries approximately 1,716 vehicles per day. This Project was listed in the 1986 Bridge Bill (Act 100, pg 360, ID MM). BMS# 15701505420175.

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

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

		TIP Program Years (\$ 000)												
Phase	Fund	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	
PE	183	240												
PE	LOC	60												
		300	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2015-2018			300	Total FY2019-2022				0	Total FY2023-2026			0

MPMS# 98224 *Spring City Road over Stony Run*

LIMITS

No Let Date

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: East Pikeland Township

FC:

AQ Code:S19

PLANNING AREA: Growing Suburb

IPD: 1

PROJECT MANAGER: TSS/S. New

CMP: Not SOV Capacity Adding

Adding Subcorr(s): 9A

This project is a rehabilitation/replacement of a County owned bridge (#205) that is structurally deficient (sufficiency rating of 14.2), functionally obsolete, and posted at 20 tons/28 tons. Combination. This 34.5 ft., adjacent, pre-stressed box beam structure was built in 1958 and carries approximately 2,750 vehicles per day. This project was included in the 2008 Bridge Bill (Act 96, pg 96).

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

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

		TIP Program Years (\$ 000)												
Phase	Fund	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	
PE	183				240									
PE	LOC				60									
		0	0	0	300	0	0	0	0	0	0	0	0	
		Total FY2015-2018			300	Total FY2019-2022				0	Total FY2023-2026			0

DVRPC FY 2015-2018 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Chester

MPMS# 102292 SR 0100/Temple Road/Glocker Way Adaptive Traffic Control Management (ARLE 4)

ARLE

LIMITS Intersection of SR 0100/Temple Road/Glocker Way

No Let Date

IMPROVEMENT Signal/ITS Improvements

MUNICIPALITIES: North Coventry Township

FC:

AQ Code:NRS

PLANNING AREA: Growing Suburb

IPD: 0

PROJECT MANAGER: MS/V. Temino

CMP: Not SOV Capacity Adding

Adding Subcorr(s): 16A

This project funded by the Automated Red Light Enforcement (ARLE) Round 4 program will be used to upgrade a traffic signal at the intersection of SR 0100/Temple Road/Glocker Way in North Coventry Township.

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 (2013 ARLE funds) award: \$51,000. Round 4 of ARLE awarded approximately a total of \$8.8 million statewide.

		TIP Program Years (\$ 000)													
Phase	Fund	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026		
CON	244	51													
		51	0	0	0	0	0	0	0	0	0	0	0		
		Total FY2015-2018			51	Total FY2019-2022				0	Total FY2023-2026				0

MPMS# 102293 SR 0030 (Lancaster Avenue) Adaptive Signal System Upgrade (ARLE 4)

ARLE

LIMITS Lancaster Avenue (SR 0030) between Bear Hill Road/Leopard Road (SR 0252) and Plank Avenue

No Let Date

IMPROVEMENT Signal/ITS Improvements

MUNICIPALITIES: Tredyffrin Township

FC:

AQ Code:2017M

PLANNING AREA: Growing Suburb

IPD: 1

PROJECT MANAGER: MS/V. Temino

CMP: Minor SOV Capacity

Adding Subcorr(s): 7D

This project funded by the Automated Red Light Enforcement (ARLE) Round 4 program will be used to upgrade eight (8) existing signalized intersections for adaptive traffic control through the center of Paoli along Lancaster Avenue (SR 0030) between Bear Hill Road/Leopard Road (SR 0252) and Plank Avenue, including two signals along SR 0252 between the Paoli Shopping Center Access and East Central/Friendship Drive, in Tredyffrin Township.

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 (2013 ARLE funds) award: \$564,000. Round 4 of ARLE awarded approximately a total of \$8.8 million statewide.

		TIP Program Years (\$ 000)													
Phase	Fund	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026		
CON	244	564													
		564	0	0	0	0	0	0	0	0	0	0	0		
		Total FY2015-2018			564	Total FY2019-2022				0	Total FY2023-2026				0

DVRPC FY 2015-2018 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Chester

MPMS# 102294 SR 0030 (Lancaster Avenue) Adaptive Signal System Installation (ARLE 4)

ARLE

LIMITS Lancaster Avenue (SR 30) between SR 202 and SR 29

No Let Date

IMPROVEMENT Signal/ITS Improvements

MUNICIPALITIES: East Whiteland Township

FC:

AQ Code:2017M

PLANNING AREA: Growing Suburb

IPD: 1

PROJECT MANAGER: MS/V. Temino

CMP: Minor SOV Capacity

Adding Subcorr(s): 7D

This project funded by the Automated Red Light Enforcement (ARLE) Round 4 program will be used to install an adaptive signaling system along Lancaster Avenue (SR 30) between SR 202 and SR 29 in East Whiteland Township.

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 (2013 ARLE funds) award: \$445,000. Round 4 of ARLE awarded approximately a total of \$8.8 million statewide.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	
CON	244	445												
		445	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2015-2018			445	Total FY2019-2022				0	Total FY2023-2026			0

MPMS# 102295 Parker Ford Safety Improvements (ARLE 4)

ARLE

LIMITS Intersection of New Schuylkill Road (SR 00724)/Bethel Church Road (SR 1035)/Linfield Road (SR 1035)

No Let Date

IMPROVEMENT Intersection/Interchange Improvements

MUNICIPALITIES: East Coventry Township

FC:

AQ Code:S6

PLANNING AREA: Growing Suburb

IPD: 1

PROJECT MANAGER: MS/V. Temino

CMP: Not SOV Capacity Adding

Adding Subcorr(s): 9A

This project funded by the Automated Red Light Enforcement (ARLE) Round 4 program will be used to replace, relocate, and modernize the traffic signal at the intersection of New Schuylkill Road (SR 00724)/Bethel Church Road (SR 1035)/Linfield Road (SR 1035) in East Coventry Township. Funds will also provide for geometric improvements to the intersection in order to eliminate awkward maneuvers, facilitate better maneuverability, and enhance safety.

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 (2013 ARLE funds) award: \$185,000. Round 4 of ARLE awarded approximately a total of \$8.8 million statewide.

DVRPC FY 2015-2018 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Chester

MPMS# 102379 *Resurfacing of Rt. 30*

LIMITS SR 0252 (Bear Hill / Leopard Rd) to Del. Co. Line

Actl Let Date: 6/5/2014

IMPROVEMENT Roadway Rehabilitation

MUNICIPALITIES: Tredyffrin Township; Easttown Township

FC:

AQ Code:S10

PLANNING AREA: Growing Suburb

IPD:

PROJECT MANAGER: Maint./L. Ryan

CMP:

Route 30 will be resurfaced from Route 252/Bear Hill/Leopard Roads (SR 0252, Segment 0600/0601 Offset 000) to the Delaware County Line Segment 0680/0681 offset 2864 in Tredyffrin and Easttown Townships. Total construction cost is approximately \$3.6 million.

TIP Program Years (\$ 000)													
Phase	Fund	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026
CON	SPK-SH	1,800											
		1,800	0	0	0	0	0	0	0	0	0	0	0
		Total FY2015-2018		1,800		Total FY2019-2022			0	Total FY2023-2026			0

MPMS# 102586 *Knox Covered Bridge*

New

LIMITS Valley Forge National Park

Est Let Date: 2/26/2015

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Tredyffrin Township

FC:

AQ Code:S19

PLANNING AREA: Growing Suburb

IPD:

PROJECT MANAGER: HNTB/N. Velaga

CMP:

This project is for the rehabilitation of the structurally deficient (SD) Knox Covered Bridge in Tredyffrin Township, Chester County. Located in Valley Forge National Park, the bridge is an important crossing of Valley Creek carrying nearly 2,000 vehicles daily. The bridge requires extensive repairs to the deck and approaches in order to remain in service.

TIP Program Years (\$ 000)													
Phase	Fund	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026
CON	TOLL												
CON	STU		600										
		0	600	0	0	0	0	0	0	0	0	0	0
		Total FY2015-2018		600		Total FY2019-2022			0	Total FY2023-2026			0

DVRPC FY 2015-2018 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Chester

MPMS# 102832 *Kennett and New Garden Townships Sidewalk Project (TAP)*

LIMITS Scarlett Rd. to McFarlane Rd.

No Let Date

IMPROVEMENT Bicycle/Pedestrian Improvement

MUNICIPALITIES: Kennett Township; New Garden Township

FC:

AQ Code:A2

PLANNING AREA: Growing Suburb

IPD:

PROJECT MANAGER: EE/DVRPC/J. Banks

CMP:

This project will provide for the installation of sidewalks along the identified roadways, so pedestrians can access schools, health centers, social services, recreation centers, businesses, stores and restaurants in a safe manner. The main reason for this project is to provide safe pedestrian pathways for residents of the community to walk to and from their houses and businesses. The proposed limits of the 5' wide sidewalks are along 1) W. Baltimore Pike at Mill Road west to the Penns Manor Subdivision (Penns Manor Drive); 2) along West Cypress Street at S. Mill Road west to Scarlet Road; 3) Along Rosedale Road from McFarlan Road west to Kennett HS Athletic Fields; and 4) along McFarlan Road from Rosedale Road to Granite Ridge subdivision.

\$850,000 Regional TAP funds were approved during 2014 project selection process, to be programmed at the appropriate time, drawing funds from MPMS #64984.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	
CON	TAU	850												
		850	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2015-2018			850	Total FY2019-2022				0	Total FY2023-2026			0

DVRPC FY 2015-2018 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Chester

MPMS# 102833 *Village of Eagle Trail Connections (TAP)*

LIMITS Pottstown Pike in Upper Uwchlan Twp

No Let Date

IMPROVEMENT Bicycle/Pedestrian Improvement

MUNICIPALITIES: Upper Uwchlan Township

FC:

AQ Code:A2

PLANNING AREA: Growing Suburb

IPD:

PROJECT MANAGER: EE/DVRPC/T. Kao

CMP:

This project will provide for new multi-use trail and sidepath connections along the frontage of the Upland Farms property along Route 100 and Little Conestoga Road (SR 4016) as part of the Upland Farms and Park Road Trail Connections.

The multi-use trail connections that will be developed are part of Upland Farms Park Connection (the north-south spine of the Township's trail and sidewalk network and a critical connection to the Village of Eagle) and are as follows: an 8-foot wide asphalt multi-use trail on the west side of Pottstown Pike (SR 0100) between Upland Farm Park Driveway (near the northern intersection of Pottstown Pike and Graphite Mine Road) and Darrell Drive (Approximately 325 feet in length); and a 6-foot wide asphalt sidepath on the west side of Pottstown Pike (SR 0100) between Darrell Drive and the northern terminus of the existing sidepath at the Reserve at Waynebrook Development (Approximately 200 feet in length).

The new sidepaths that will link with existing sidepaths (for bicyclists only) are part of the Park Road Trail Connection (the east-west spine of the Township's bicycle and pedestrian network) and are as follows: a 6-foot wide asphalt sidepath on the west side of Pottstown Pike (SR 0100) between the southern terminus of the existing sidepath at Reserve at Waynebrook Development and Park Road (T523) (Approximately 750 feet in length); and a 6-foot wide asphalt sidepath on the north side of Little Conestoga Road (SR 4016) between Park Road (T523) and the eastern terminus of the existing sidepath in front of Marsh Creek Signs (Approximately 475 feet in length).

\$560,000 Regional TAP funds were approved during the 2014 project selection process, to be programmed at the appropriate time, drawing funds from MPMS #64984.

TIP Program Years (\$ 000)

Phase	Fund	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026
CON	TAU	560											
		0	560	0	0	0	0	0	0	0	0	0	0
		Total FY2015-2018			560	Total FY2019-2022			0	Total FY2023-2026			0

MPMS# 103210 *Hillendale Road Grade Crossing*

New

LIMITS Between Fairville Road and Virginia Plaza

No Let Date

IMPROVEMENT Intersection/Interchange Improvements

MUNICIPALITIES: Pennsbury Township

FC:

AQ Code:S8

PLANNING AREA: Growing Suburb

IPD:

PROJECT MANAGER: MAL/M. Lang

CMP: Not SOV Capacity Adding

Adding Subcorr(s): 5A

This project will install a railroad warning device at the Hillendale Road grade crossing which is located between Fraiwillve Road and Virginia Plaza in Pennsbury Township, Chester County and serves the Octoraro Branch of the East Penn Railroad. This project is part of the statewide Highway-Rail Grade Crossing Program.

TIP Program Years (\$ 000)

Phase	Fund	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026
CON	RRX	191											
		191	0	0	0	0	0	0	0	0	0	0	0
		Total FY2015-2018			191	Total FY2019-2022			0	Total FY2023-2026			0

DVRPC FY 2015-2018 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Chester

MPMS# 103212 *Fairville Road Grade Crossing*

New

LIMITS Between US 1 and Sunny Ridge Lane

No Let Date

IMPROVEMENT Intersection/Interchange Improvements

MUNICIPALITIES: Pennsbury Township

FC:

AQ Code:S8

PLANNING AREA: Growing Suburb

IPD:

PROJECT MANAGER: MAL/M. Lang

CMP: Not SOV Capacity Adding

Adding Subcorr(s): 5A

This project will install a railroad warning lights at the Fairville Road grade crossing which is located between US 1 and Sunny Ridge Lane in Pennsbury Township, Chester County. This project is part of the statewide Highway-Rail Grade Crossing Program.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	
CON	RRX	212												
		0	212	0	0	0	0	0	0	0	0	0	0	
		Total FY2015-2018			212	Total FY2019-2022				0	Total FY2023-2026			0

MPMS# 103213 *Bayard Road Grade Crossing*

New

LIMITS Between Hillendale Road and Rosedale Road

No Let Date

IMPROVEMENT Intersection/Interchange Improvements

MUNICIPALITIES: Kennett Township

FC:

AQ Code:S8

PLANNING AREA: Growing Suburb

IPD:

PROJECT MANAGER: MAL/M. Lang

CMP: Not SOV Capacity Adding

This project will install a railroad warning lights at the Bayard Road grade crossing which is located between Hillendale Road and Rosedale Road in Kennett Township, Chester County. This project is part of the statewide Highway-Rail Grade Crossing Program.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	
CON	RRX	225												
		0	0	0	225	0	0	0	0	0	0	0	0	
		Total FY2015-2018			225	Total FY2019-2022				0	Total FY2023-2026			0

DVRPC FY 2015-2018 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Chester

MPMS# 103214 Hickory Hill Grade Crossing

New

LIMITS Hillendale Road and PA 52

Est Let Date: 5/19/2016

IMPROVEMENT Intersection/Interchange Improvements

MUNICIPALITIES: Kennett Township

FC:

AQ Code:S8

PLANNING AREA: Growing Suburb

IPD:

PROJECT MANAGER: MAL/M. Lang

CMP: Not SOV Capacity Adding

This project will install a railroad warning lights at the Hickory Hill grade crossing which is located between Hillendale Road and PA 52 in Kennett Township, Chester County. This project is part of the statewide Highway-Rail Grade Crossing Program.

		TIP Program Years (\$ 000)														
Phase	Fund	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026			
CON	RRX			219												
		0	0	219	0	0	0	0	0	0	0	0	0			
Total FY2015-2018		219			Total FY2019-2022				0				Total FY2023-2026		0	

MPMS# 103215 Chambers Road Grade Crossing

New

LIMITS Between Hillendale Road and Baltimore Pike

Est Let Date: 6/16/2016

IMPROVEMENT Intersection/Interchange Improvements

MUNICIPALITIES: New Garden Township

FC:

AQ Code:S8

PLANNING AREA: Growing Suburb

IPD:

PROJECT MANAGER: MAL/M. Lang

CMP: Not SOV Capacity Adding

Adding Subcorr(s): 5A

This project will install a railroad warning lights at the Chambers Road grade crossing which is located between Hillendale Road and Baltimore Pike in New Garden Township, Chester County. This project is part of the statewide Highway-Rail Grade Crossing Program.

		TIP Program Years (\$ 000)														
Phase	Fund	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026			
CON	RRX				208											
		0	0	0	208	0	0	0	0	0	0	0	0			
Total FY2015-2018		208			Total FY2019-2022				0				Total FY2023-2026		0	

DVRPC FY 2015-2018 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Chester

MPMS# 103253 *Rapps Dam Covered Bridge*

New

LIMITS SR 1049 O/French Creek

Est Let Date: 2/26/2015

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: East Pikeland Township

FC:

AQ Code:S19

PLANNING AREA: Growing Suburb

IPD:

PROJECT MANAGER: HNTB/N. Velaga

CMP:

This project is located in East Pikeland Township in Chester County and was previously reconstructed in 2009 by PennDOT. The bridge was severely damaged by a tractor trailer in spring 2014 and immediately closed to all traffic. This route carries about 3,500 vehicles daily.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	
CON	STU		319											
CON	185		80											
		0	399	0	0	0	0	0	0	0	0	0	0	
		Total FY2015-2018			399	Total FY2019-2022				0	Total FY2023-2026			0

MPMS# 104164 *Traffic Signal Head Upgrade (ARLE 5)*

LIMITS

No Let Date

IMPROVEMENT Signal/ITS Improvements

MUNICIPALITIES: Oxford Borough

FC:

AQ Code:NRS

PLANNING AREA: Developed Community

IPD:

PROJECT MANAGER: MS/V. Temino

CMP: Not SOV Capacity Adding

This project was selected as part of PennDOT's Automated Red-Light Enforcement (ARLE) Round 5 program. LED Upgrade (signals or flash signs) will be provided to the South Third and Hodgson Street intersection in Oxford Borough.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	
CON	244	9												
		9	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2015-2018			9	Total FY2019-2022				0	Total FY2023-2026			0

DVRPC FY 2015-2018 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Chester

MPMS# 104165 *Incident Management Upgrade (ARLE 5)*

LIMITS

No Let Date

IMPROVEMENT Signal/ITS Improvements

MUNICIPALITIES: Caln Township

FC:

AQ Code:2017M

PLANNING AREA: Growing Suburb

IPD:

PROJECT MANAGER: MS/V. Temino

CMP: Not SOV Capacity Adding

This project was selected as part of PennDOT's Automated Red-Light Enforcement (ARLE) Round 5 program. The current closed loop system will be extended to Reeceville Road and US 322 corridors within Caln Township. For the Reeceville Road corridor, fiber would be extended from Lincoln Highway to Reeceville Road via Barley Sheaf Road. For the US 322 corridor, a new traffic signal at the US 322 WB ramps will be installed. Closed circuit television cameras would be installed on both corridors to allow PennDOT remote monitoring.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	
CON	244	290												
		290	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2015-2018			290	Total FY2019-2022				0	Total FY2023-2026			0

MPMS# 104170 *Traffic Signal Equipment Upgrade (ARLE 5)*

LIMITS

No Let Date

IMPROVEMENT Signal/ITS Improvements

MUNICIPALITIES: East Whiteland Township

FC:

AQ Code:NRS

PLANNING AREA: Growing Suburb

IPD:

PROJECT MANAGER: MS/V. Temino

CMP: Not SOV Capacity Adding

This project was selected as part of PennDOT's Automated Red-Light Enforcement (ARLE) Round 5 program. Equipment for the township to properly monitor, test, and repair 35 traffic control signals in East Whiteland Township will be provided, which includes connection/equipment needed for the tactics backup server that will be located at East Whiteland Township's computer room.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	
CON	244	74												
		74	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2015-2018			74	Total FY2019-2022				0	Total FY2023-2026			0

DVRPC FY 2015-2018 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Chester

MPMS# 104171 LED Traffic Signal Upgrade (ARLE 5)

LIMITS No Let Date

IMPROVEMENT Signal/ITS Improvements

MUNICIPALITIES: Easttown Township FC: AQ Code:NRS

PLANNING AREA: Growing Suburb IPD:

PROJECT MANAGER: MS/V. Temino CMP: Not SOV Capacity Adding

This project was selected as part of PennDOT's Automated Red-Light Enforcement (ARLE) Round 5 program. LED vehicular and pedestrian signal lenses will be procured and installed at eight (8) signalized intersections throughout Easttown Township.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	
CON	244	49												
		49	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2015-2018			49	Total FY2019-2022				0	Total FY2023-2026			0

MPMS# 104303 East Central Avenue Multi-Use Trail New

LIMITS Bear Hill Road (SR 0252) and 580-feet east of North Valley Road (SR 1005) Est Let Date: 8/25/2016

IMPROVEMENT Bicycle/Pedestrian Improvement

MUNICIPALITIES: Tredyffrin Township FC: AQ Code:A2

PLANNING AREA: Growing Suburb IPD:

PROJECT MANAGER: EE/DVRPC/M. Lis CMP:

New concrete pedestrian path will be installed with ADA compliant curb ramps at intersections and major driveways and meet all applicable federal, state and local ADA guidelines. The path will be installed with a width of 5 feet and maintain a buffer area in accordance with the design guidelines. At the western terminus of the project near Fennerton Road, the path will transition to meet the existing sidewalk in front of the Station Square Office Campus. The future developer of this property will be required to extend the facility in kind along their property frontage of both East Central Avenue and North Valley Road. At the eastern terminus of the project, the path will transition to meet the curb ramps to be constructed by the PA 252 Underpass at US30 (F) project (MPMS #85062) on the southwest corner of East Central Avenue's intersection with Bearhill Road (SR 0252). The project will maintain the existing curb line and provide striping for on-road bicycle lanes along East Central Avenue. Additionally, the project will install five stamped-asphalt raised crosswalks across East Central Avenue at intersecting local roadways. Additional signage and pavement markings will be provided to alert motorists to pedestrian and bicycle activity. Vegetated swales and stone infiltration trenches will provide stormwater management for the path. The vegetated swale will be located in the buffer area between the existing curb and edge of the path, consisting of a trench of modified soil, plantings, stone, and geotextile.

December 11, 2014 - In summer of 2014, PennDOT held a competitive round of 2-years worth of funding. As a result, this project was one of 13 projects across the DVRPC region that received \$1,097,360 on 11/10/2014 through the statewide TAP program (MPMS #60560) out of the \$7.8 million awarded to the region. Statewide, PennDOT made \$33 million available for 56 projects across the state.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	
CON	TAP			1,098										
		0	0	1,098	0	0	0	0	0	0	0	0	0	
		Total FY2015-2018			1,098	Total FY2019-2022				0	Total FY2023-2026			0

DVRPC FY 2015-2018 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Chester

MPMS# 104335 *US 30 Sinkhole Repairs*

LIMITS US 30 between Business 30 Interchange and Clover Mill Road

No Let Date

IMPROVEMENT Roadway Rehabilitation

MUNICIPALITIES: West Whiteland Township

FC:

AQ Code:X13

PLANNING AREA: Growing Suburb

IPD:

PROJECT MANAGER: TSS/S. Fellin

CMP: Not SOV Capacity Adding

Permanent sinkhole repairs will be provided at two locations along US 30 between the Business 30 interchange and Clover Mill Road adjacent (near the Oaklands Corporate Center) in West Whiteland Township. This portion of the US 30 corridor was built in 1993, and it passes closely by an active quarry in an area with karst geology. The eastern sinkhole location is approximately 55 feet deep and centered over both eastbound lanes and the median shoulder area. The western sinkhole location is approximately 13 feet deep and centered around the median and inside shoulder areas. Geophysical studies determined that both locations are active sinkholes. PennDOT District 6 has developed location specific approaches to minimize future problems/problems, which include the following activities: open excavation of the western sinkhole problem area; replacement of the embankment materials with pervious cellular concrete; and full depth pavement reconstruction for the western sinkhole. drainage improvements; resettlement of median high tension cable barrier; and mill and overlay the mainline pavement for the eastern sinkhole; full depth shoulder widening to maintain two lanes of traffic during construction at both locations.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	
CON	581	3,000												
		0	3,000	0	0	0	0	0	0	0	0	0	0	
		Total FY2015-2018			3,000	Total FY2019-2022				0	Total FY2023-2026			0

MPMS# 104391 *Cable Median Barrier 2015-2016*

New

LIMITS

Est Let Date: 6/23/2016

IMPROVEMENT Intersection/Interchange Improvements

MUNICIPALITIES: Upper Oxford Township; West Nottingham Township; East Nottingha **FC:**

AQ Code:S9

PLANNING AREA: Rural Area; Growing Suburb; Developed Community

IPD:

PROJECT MANAGER: HNTB/G. Gumas

CMP: Not SOV Capacity Adding

Adding Subcorr(s): 5A

This project will install ten miles of cable median barriers along US 1 in Chester County. This project will complete the closure of median openings along expressways along the corridor and will make this systematic treatment 100 percent complete.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	
CON	sHSIP	1,250												
		1,250	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2015-2018			1,250	Total FY2019-2022				0	Total FY2023-2026			0

Pennsylvania - Highway Program (Status: TIP)

Chester

MPMS# 104644 *Local Asset Data Collection*

New

LIMITS County Wide

No Let Date

IMPROVEMENT Other

MUNICIPALITIES: Various

FC:

AQ Code:X1

PLANNING AREA:

IPD:

PROJECT MANAGER: James Mosca

CMP:

PennDOT initiated a Local Road and Bridge data collection project to collect important data on municipal and county roadways. Working with the state's MPOs and RPOs, PennDOT's goal is to gather comprehensive information on the Commonwealth's extensive network of local roads and bridges missing from the current inventory. The supporting data that is collected will be stored in a database available to PennDOT's planning partners and counties for use in planning, programming, and other business needs.

PennDOT currently does not have complete data on "non-liquid fuel" local roadways and bridges. Non-Liquid Fuel local roads are owned and maintained by municipalities and are not funded by the liquid fuels tax. This project will assist DVRPC's effort, currently underway in Bucks and Montgomery counties, by collecting data in Chester County, PA. Using existing data from PennDOT and Chester County, DVRPC estimates there to be 1,596 bridges and 9,682 road segments that will need to be field verified. The project does not include private roads, or bridges on private roads, such as cemetery drives, private driveways, or roads used on private property such as mobile home, apartment or commercial complexes.

DVRPC will prepare a detailed Scope of Services and issue a Request for Proposals. A qualified vendor will be selected to perform the data collection according to established methodology developed by PennDOT. DVRPC will ensure the selected vendor receives adequate training in the use of the tablet and software provided, along with all necessary documentation from PennDOT and/or DVRPC. Prior to data collection, DVRPC will send a letter to each municipality that explains the purpose of the project. DVRPC will continuously monitor progress and perform quality checks on all collected data utilizing PennDOT's web-based mapping application.

Tasks:

1. Request a Distance Measuring Instrument (DMI) from DVRPC, if necessary, to be installed in collection vehicle.
2. Receive field maps, prepared by DVRPC, that indicate the locations of potential features to be collected, along with all other necessary documentation.
3. Receive training from PennDOT and/or DVRPC in the use of data collection program and device.
4. Provide DVRPC a schedule of anticipated data collection for each municipality one month in advance of collection.
5. Using a two person team, identify and compile field data for locally-owned roads and bridges according to procedures defined in the Local Roads and Bridges Data Collection Reference Manual prepared by PennDOT.
6. Upload collected data to PennDOT's database weekly, at a minimum.
7. Return field maps to DVRPC as they are completed.

Products:

1. Updated PennDOT non-liquid fuel roads database with required attribution.
2. Updated PennDOT bridge database with required attribution.

Beneficiaries: PennDOT, Chester County, DVRPC.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	
PRA	TOLL													
PRA	STU	100												
		100	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2015-2018			100	Total FY2019-2022				0	Total FY2023-2026			0

DVRPC FY 2015-2018 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Chester

MPMS# 105125 *Malvern Signal and Pedestrian Access*

New

LIMITS SEPTA Malvern Station

No Let Date

IMPROVEMENT Bicycle/Pedestrian Improvement

MUNICIPALITIES: Malvern Borough

FC:

AQ Code:A2

PLANNING AREA: Developed Community

IPD:

PROJECT MANAGER: HNTB/A. Kim

CMP:

Funding will be used to provide safe, transit pedestrian access routes for riders of the SEPTA Regional Rail Station, located in the center of the Borough, from north and south side of station. Improvements will include sidewalks, bike lanes and accessible pedestrian signals in Malvern Borough.

		TIP Program Years (\$ 000)													
Phase	Fund	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026		
CON	411	160													
CON	LOC	240													
		400	0	0	0	0	0	0	0	0	0	0	0		
		Total FY2015-2018			400	Total FY2019-2022				0	Total FY2023-2026				0

MPMS# 105129 *Devon Pedestrian and Bike Facilities*

New

LIMITS US 30 in Easttown Twp.

No Let Date

IMPROVEMENT Intersection/Interchange Improvements

MUNICIPALITIES: Easttown Township

FC:

AQ Code:S6

PLANNING AREA: Growing Suburb

IPD:

PROJECT MANAGER: HNTB/A. Kim

CMP:

Funding is dedicated for adding pedestrian and bicycle facilities in addition to left turn lanes along US 30 in Easttown Township.

		TIP Program Years (\$ 000)													
Phase	Fund	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026		
CON	411	1,500													
CON	LOC	5,702													
		7,202	0	0	0	0	0	0	0	0	0	0	0		
		Total FY2015-2018			7,202	Total FY2019-2022				0	Total FY2023-2026				0

DVRPC FY 2015-2018 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Chester

MPMS# 105181 *Old Schuylkill Road over Pigeon Creek (County Bridge #207)*

New

LIMITS

No Let Date

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: East Coventry Township

FC:

AQ Code:S19

PLANNING AREA: Growing Suburb

IPD:

PROJECT MANAGER: TSS/T. Stevenson

CMP:

This bridge is the oldest county owned bridge and was originally constructed in 1804. It consists of two closed spandrel stone masonry arches under fill. Each arch has a span of 25 feet. Extensive re-pointing and maintenance was performed on the structure in 1983. The bridge is currently posted for a 5-ton weight limit based on engineering judgment in accordance with current PennDOT Guidelines. The deck is not rated due to the structure classification but the bituminous wearing surface has longitudinal cracking in the wheel paths, minor map cracking at the ends and minor settlement along the parapets. The average daily traffic for this bridge is 416 vehicles per day. It is structurally deficient as a result of the superstructure rating of 3-serious resulting from substantial cracking and missing mortar within the intrados and bulging of the spandrel walls. The recommended rehabilitation includes a historically appropriate rebuilding and strengthening of the stone masonry arch including reconstruction of the spandrel walls including replacement of missing stones, repoint stone masonry, throughout the structure, strengthening of the arch barrel, installation of drainage facilities, installation of rock protection along the substructure, and the installation of approach guiderail, transitions and end treatments.

TIP Program Years (\$ 000)															
Phase	Fund	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026		
PE	ACT13	200													
FD	ACT13		125												
ROW	LOC		10												
CON	LOC		795												
		200	930	0	0	0	0	0	0	0	0	0	0		
		Total FY2015-2018			1,130	Total FY2019-2022				0	Total FY2023-2026				0

MPMS# 105224 *West Chester Borough LED*

New

LIMITS Intersections along critical corridors

No Let Date

IMPROVEMENT Signal/ITS Improvements

MUNICIPALITIES: West Chester Borough

FC:

AQ Code:NRS

PLANNING AREA: Developed Community

IPD:

PROJECT MANAGER: Daniel Farley

CMP:

The existing equipment is dated and nearing the end of its service life. This upgrade would modernize all the equipment, thereby reducing energy and maintenance costs.

Replacements will take place at intersections along critical corridors within West Chester Borough including Hannum Avenue (SR 3072), High Street (SR 3100), Gay Street (SR 0003), Market Street (SR 0003), Price Street (SR 0052), and Bradford Avenue (SR 0052).

TIP Program Years (\$ 000)															
Phase	Fund	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026		
CON	A-073		57												
CON	LOC		57												
		0	114	0	0	0	0	0	0	0	0	0	0		
		Total FY2015-2018			114	Total FY2019-2022				0	Total FY2023-2026				0

DVRPC FY 2015-2018 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Chester

MPMS# 105256 Uwchlan Township LED

New

LIMITS

No Let Date

IMPROVEMENT Signal/ITS Improvements

MUNICIPALITIES: Uwchlan Township

FC:

AQ Code:NRS

PLANNING AREA: Growing Suburb

IPD:

PROJECT MANAGER: Daniel Farley

CMP:

Replacing existing LED lights that were put in the later part of the 1990s.

		TIP Program Years (\$ 000)													
Phase	Fund	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026		
CON	A-073		28												
CON	LOC		28												
		0	56	0	0	0	0	0	0	0	0	0	0		
		Total FY2015-2018			56	Total FY2019-2022				0	Total FY2023-2026				0

MPMS# 105259 Lincoln Highway & Airport

New

LIMITS Lincoln Highway and Airport Road

No Let Date

IMPROVEMENT Signal/ITS Improvements

MUNICIPALITIES: Valley Township

FC:

AQ Code:NRS

PLANNING AREA: Growing Suburb

IPD:

PROJECT MANAGER: Daniel Farley

CMP:

This project will improve the existing signalized intersection of Lincoln Highway (SR 3070) and Airport Road (SR 3097) by optimizing signal timings, including adding an eastbound left turn phase on Lincoln Highway, and replacing traffic signal bulbs with LED signal indications.

		TIP Program Years (\$ 000)													
Phase	Fund	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026		
CON	A-073		15												
CON	LOC		15												
		0	30	0	0	0	0	0	0	0	0	0	0		
		Total FY2015-2018			30	Total FY2019-2022				0	Total FY2023-2026				0

DVRPC FY 2015-2018 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Chester

MPMS# 107176 Paoli Pike Trail, Segment C (TAP)

New

LIMITS Paoli Pike (SR 2014) between Reservoir Road (T-470) and Boot Road (SR 2020)

No Let Date

IMPROVEMENT Bicycle/Pedestrian Improvement

MUNICIPALITIES: East Goshen Township

FC:

AQ Code:A2

PLANNING AREA: Growing Suburb

IPD:

PROJECT MANAGER: EE/DVRPC/R. Gallagher CMP:

A multi-use trail will be constructed on the north side of Paoli Pike (SR 2014) between Reservoir Road (T-470) and Boot Road (SR 2020) with enhanced crossings at the Paoli Pike and Boot Road intersection to connect office, retail, educational, residential, recreational, and government land uses along the Paoli Pike corridor.

The Paoli Pike Trail was identified in the Central Chester County Bicycle and Pedestrian Plan (2013) as Priority Project H to connect the East Goshen Township Park and Applebrook Park with neighboring municipalities and destinations. The Paoli Pike Trail also has the potential to provide future connections to the Greater Philadelphia Regional Trail Network, known as the Circuit. The Paoli Pike Trail is approximately three miles south of the Chester Valley Trail and five miles east of the East Branch Brandywine Trail, which are both part of the Circuit. Both trails are within biking distance and connections to the regional trail network will expand use of the Paoli Pike Trail for both transportation and recreation purposes.

Project was awarded \$1,000,000 regional TAP (TAU) funds from the 2016 TAP round, which was approved by the March 24, 2016 DVRPC Board. Approximately \$7.6 million was available for the five-county Southeastern Pennsylvania region.

		TIP Program Years (\$ 000)											
Phase	Fund	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026
CON	TAU												
		0	0	0	0	0	0	0	0	0	0	0	0
		Total FY2015-2018			0	Total FY2019-2022			0	Total FY2023-2026			0

Total For	2015	2016	2017	2018	2015-2018	2019-2022	2023-2026
Chester	\$48,480	\$47,160	\$67,314	\$23,258	\$186,212	\$299,299	\$318,041