

DVRPC FY2021-2024 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Chester

MPMS# 14134 West Bridge Street Bridge Over Amtrak

LIMITS: Over Amtrak

Est Let Date: 6/15/2021

IMPROVEMENT Bridge Repair/Replacement

NHPP:

MUNICIPALITIES: Parkesburg Borough

FC:

AQ Code:S19

PLAN CENTER: Rural Center

IPD: 16

PROJECT MANAGER: TSS/GANNETT/S. New

CMP: Not SOV Capacity Adding

CMP Subcorridor(s): 7E

The existing bridge on West Bridge Street in the Borough of Parkesburg, which is in poor condition and functionally obsolete, will be replaced. 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.

		TIP Program Years (\$ 000)													
Phase	Fund	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032		
CON	BOF	1,379													
CON	183	258													
CON	LOC	86													
CON	BOF		379												
CON	183		71												
CON	LOC		24												
CON	BOF			379											
CON	183			70											
CON	LOC			23											
CON	BOF				3,379										
CON	183				633										
CON	LOC				133										
		1,723	474	472	4,145	0	0	0	0	0	0	0	0		
		Total FY2021-2024			6,814	Total FY2025-2028				0	Total FY2029-2032				0

DVRPC FY2021-2024 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Chester

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

LIMITS: Over Culbertson Run

Est Let Date: 6/18/2020

IMPROVEMENT Bridge Repair/Replacement

NHPP: N

MUNICIPALITIES: East Brandywine Township

FC: 19

AQ Code:S19

PLAN CENTER:

IPD: 16

PROJECT MANAGER: Plans/S. Hasan

CMP: Not SOV Capacity Adding

This project involves a bridge replacement; reconstruction of the approach roadway; and minor realignment of roadway to avoid wetlands in East Brandywine Township. The roadway is also known as Lyndell Road.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	
CON	TOLL													
CON	BOF	976												
CON	TOLL													
CON	BOF		1,314											
CON	TOLL													
CON	BOF			1,091										
CON	TOLL													
CON	BOF				201									
		976	1,314	1,091	201	0	0	0	0	0	0	0	0	
		Total FY2021-2024			3,582	Total FY2025-2028				0	Total FY2029-2032			0

DVRPC FY2021-2024 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Chester

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

LIMITS: PA 10 to Exton Bypass/Quarry Road

No Let Date

IMPROVEMENT Roadway Rehabilitation

NHPP: Y

MRPID:48

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

AQ Code:2045M

PLAN CENTER:

IPD: 18

PROJECT MANAGER: TSS/S. Fellin

CMP: Major SOV Capacity

CMP Subcorridor(s): 7E, 7F

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 - \$0 remaining; PA ID #146- \$0 remaining.

The overall corridor construction cost estimate is \$784 million.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	
PE	NHPP	2,667												
PE	581	667												
PE	NHPP		2,666											
PE	581		667											
PE	NHPP			2,666										
PE	581			667										
		3,334	3,333	3,333	0	0	0	0	0	0	0	0	0	
		Total FY2021-2024			10,000	Total FY2025-2028				0	Total FY2029-2032			0

DVRPC FY2021-2024 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Chester

MPMS# 14580 US 1 Expressway Reconstruction: PA 472 to PA 896 SR:0001

LIMITS: PA 472 to PA 896

Est Let Date: 12/15/2021

IMPROVEMENT Roadway Rehabilitation

NHPP: Y

MRPID:3

MUNICIPALITIES: Lower Oxford Township; Oxford Borough; Upper Oxford Township; W FC: 2; 6; 8; 9; 12; 16; 17; 19

AQ Code:S10

PLAN CENTER: Rural Center

IPD: 22

PROJECT MANAGER: EE/M. Holva

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. Interchanges included in the work are at PA 472, PA 10 and PA 896. See also MPMS #14581, #113307, and #113312.

		TIP Program Years (\$ 000)													
Phase	Fund	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032		
ROW	581	2,546													
UTL	STP		437												
UTL	581		109												
CON	STU		2,000												
CON	581		500												
CON	NHPP			10,390											
CON	581			2,596											
CON	NHPP				12,695										
CON	581				3,173										
CON	NHPP					16,000									
CON	581					4,000									
		2,546	3,046	12,986	15,868	20,000	0	0	0	0	0	0	0		
		Total FY2021-2024			34,446	Total FY2025-2028				20,000	Total FY2029-2032				0

DVRPC FY2021-2024 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Chester

MPMS# 14581 US 1 Expressway Reconstruction: PA 896 to PA 41 SR:0001

LIMITS: PA 896 to PA 41

Est Let Date: 12/5/2024

IMPROVEMENT Roadway Rehabilitation

NHPP: Y

MRPID:3

MUNICIPALITIES: London Grove Township; New Garden Township; Penn Township; Ea FC: 6; 12; 14; 16; 17; 19

AQ Code:S10

PLAN CENTER:

IPD: 22

PROJECT MANAGER: EE/M. Holva

CMP: Minor SOV Capacity

CMP Subcorridor(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. Interchanges included in the work are at PA 796, PA 841 and PA 41. See also MPMS #14580, #113307, and #113312.

		TIP Program Years (\$ 000)													
Phase	Fund	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032		
FD	581		2,371												
FD	581			2,000											
ROW	581			1,351											
UTL	581			281											
CON	SPK-NHPP				15,000										
CON	581				3,750										
CON	SPK-NHPP					15,000									
CON	581					3,750									
CON	BOF						3,280								
CON	NHPP						8,825								
CON	581						3,027								
CON	BOF							3,280							
CON	STP							10,260							
CON	581							3,385							
		0	2,371	3,632	18,750	18,750	15,132	16,925	0	0	0	0	0		
		Total FY2021-2024			24,753	Total FY2025-2028				50,807	Total FY2029-2032				0

DVRPC FY2021-2024 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Chester

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

LIMITS: East of Schuylkill River to East of Hanover Street

Est Let Date: 4/23/2021

IMPROVEMENT Roadway Rehabilitation

NHPP: Y

MRPID:2

MUNICIPALITIES: North Coventry Township

FC:

AQ Code:S10

PLAN CENTER:

IPD: 15

PROJECT MANAGER: EE/L. Link

CMP: Minor SOV Capacity

CMP Subcorridor(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	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032
FD	STU*	1,800											
ROW	581	743											
UTL	581	530											
CON	SPK-NHPP	29,000											
CON	NHPP	8,816											
CON	581	2,503											
CON	185	6,951											
CON	SPK-NHPP		27,000										
CON	581		6,750										
		50,343	33,750	0	0	0	0	0	0	0	0	0	0
		Total FY2021-2024		84,093		Total FY2025-2028				0			
						Total FY2029-2032				0			

DVRPC FY2021-2024 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Chester

MPMS# 47979 North Valley Road over Amtrak SR:0030

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

Est Let Date: 12/8/2022

IMPROVEMENT Bridge Repair/Replacement

NHPP: Y

MRPID:152

MUNICIPALITIES: Tredyffrin Township; Willistown Township

FC: 14; 17

AQ Code:S19

PLAN CENTER: Town Center

IPD: 19

PROJECT MANAGER: TSS/M. Saintval

CMP: Minor SOV Capacity

CMP Subcorridor(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.

TIP Program Years (\$ 000)

Phase	Fund	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	
ROW	STU*	353												
ROW	STP*	2,590												
UTL	STU*	1,250												
UTL	STP*	57												
CON	185						1,352							
CON	185						5,411							
CON	185							1,352						
CON	185							3,530						
CON	581							1,881						
CON	185								5,411					
CON	185								1,352					
		4,250	0	0	0	0	6,763	6,763	6,763	0	0	0	0	
		Total FY2021-2024			4,250	Total FY2025-2028			20,289	Total FY2029-2032				0

DVRPC FY2021-2024 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Chester

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

LIMITS: Keim Street to PA 724 Interchange

Est Let Date: 6/24/2021

IMPROVEMENT Roadway Rehabilitation

NHPP: Y

MRPID:2

MUNICIPALITIES: North Coventry Township

FC: 12; 16

AQ Code:S19

PLAN CENTER:

IPD: 15

PROJECT MANAGER: EE/L. Link

CMP: Not SOV Capacity Adding

CMP Subcorridor(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	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032
FD	581	2,107											
FD	581		1,076										
ROW	185	849											
UTL	185		601										
CON	NHPP					2,683							
CON	STU					2,683							
CON	STP					2,683							
CON	185					1,006							
CON	581					1,006							
CON	STU						2,683						
CON	STP						2,683						
CON	STP						1,562						
CON	NHPP						1,121						
CON	581						1,006						
CON	185						1,006						
CON	STP							4,263					
CON	NHPP							1,103					
CON	STP							2,683					
CON	185							1,006					
CON	581							1,006					
CON	STP								6,265				
CON	NHPP								1,002				
CON	STU								782				
CON	581								1,006				
CON	185								1,006				
CON	NHPP									2,683			
CON	STU									2,683			
CON	STP									2,683			
CON	581									1,006			
CON	185									1,006			
CON	STP										2,023		
CON	STU										2,683		
CON	NHPP										2,706		
CON	185										1,006		
CON	581										1,006		
CON	NHPP											637	

DVRPC FY2021-2024 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Chester

2,956	1,677	0	0	0	10,061	10,061	10,061	10,061	10,061	10,061	9,424	637		
Total FY2021-2024				4,633	Total FY2025-2028				30,183	Total FY2029-2032				30,183

MPMS# 85949 **SR 896 Safety Improvement**

LIMITS: PA 896, Elbow Lane to Shepherd Lane

Est Let Date: 1/27/2022

IMPROVEMENT Intersection/Interchange Improvements

NHPP: N

MUNICIPALITIES: New London Township; London Britain Township

FC: 6; 16

AQ Code:2025M

PLAN CENTER:

IPD: 13

PROJECT MANAGER: Gannett/B. Masi

CMP: Minor SOV Capacity

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; removing severe vertical crests at select locations; installing left turn lanes at select intersections; constructing a roundabout at the PA Route 896/PA Route 841 intersection; modifying the geometry at select intersections; improving drainage along PA Route 896; repaving PA Route 896 with pavement reconstruction at selection locations; relocating select utility poles; installing appropriate signage along PA Route 896; installing raised pavement markers (RPM), delineators, and rumble strips along PA Route 896. Estimated total project cost is \$13,800,000. PE (\$2,500,000 estimate), FD (\$2,800,000 estimate), ROW (\$1,500,000 estimate), UTL (\$500,000 estimate), and CON (\$6,500,000 estimate).

		TIP Program Years (\$ 000)											
Phase	Fund	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032
CON	HSIP		5,167										
CON	HSIP			1,936									
		0	5,167	1,936	0	0	0	0	0	0	0	0	0
		Total FY2021-2024				Total FY2025-2028				Total FY2029-2032			
		7,103				0				0			

DVRPC FY2021-2024 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

Est Let Date: 6/15/2020

IMPROVEMENT Bridge Repair/Replacement

NHPP:

MUNICIPALITIES: East Brandywine Township

FC:

AQ Code:S19

PLAN CENTER:

IPD: 16

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 poor condition (sufficiency rating of 37), functionally obsolete, and posted for 12 tons. The bridge has the following condition ratings: deck - 4, super - 4, sub - 7.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	
CON	BOF	509												
CON	183	95												
CON	LOC	31												
CON	BOF		509											
CON	183		95											
CON	LOC		31											
		635	635	0	0	0	0	0	0	0	0	0	0	
		Total FY2021-2024			1,270		Total FY2025-2028			0		Total FY2029-2032		0

MPMS# 86276 *Township Road over West Branch of Big Elk Creek (CB #297)*

LIMITS:

Est Let Date: 10/1/2021

IMPROVEMENT Bridge Repair/Replacement

NHPP:

MUNICIPALITIES: Lower Oxford Township

FC:

AQ Code:S19

PLAN CENTER:

IPD: 17

PROJECT MANAGER:

CMP: Not SOV Capacity Adding

CMP Subcorridor(s): 5A

This project will include the removal and replacement of an existing poor condition, and Weight Restricted Bridge.

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

		TIP Program Years (\$ 000)												
Phase	Fund	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	
FD	TOLL													
FD	sSTP	300												
ROW	TOLL													
ROW	sSTP	40												
UTL	TOLL													
UTL	sSTP	40												
CON	TOLL													
CON	sSTP		670											
CON	TOLL													
CON	sSTP			600										
		380	670	600	0	0	0	0	0	0	0	0	0	
		Total FY2021-2024			1,650		Total FY2025-2028			0		Total FY2029-2032		0

DVRPC FY2021-2024 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Chester

MPMS# 86301 *LancasterAve/BrandywineCk*

LIMITS: Lancaster Ave at Brandywine Creek

Est Let Date: 8/25/2022

IMPROVEMENT Bridge Repair/Replacement

NHPP:

MUNICIPALITIES: Downingtown Borough

FC:

AQ Code:S19

PLAN CENTER:

IPD: 17

PROJECT MANAGER: TSS/M. Saintval

CMP: Not SOV Capacity Adding

CMP Subcorridor(s): 7E

This project will include the rehabilitation of the Lancaster Avenue/322 Bridge over the East Branch of Brandywine Creek in the Borough of Downingtown, Chester County.

		TIP Program Years (\$ 000)														
Phase	Fund	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032			
CON	185					1,552										
CON	185					6,209										
		0	0	0	0	7,761	0	0	0	0	0	0	0			
		Total FY2021-2024				0	Total FY2025-2028				7,761	Total FY2029-2032				0

MPMS# 86302 *Ewing Road over White Clay Creek Bridge*

LIMITS:

No Let Date

IMPROVEMENT Bridge Repair/Replacement

NHPP:

MUNICIPALITIES: Penn Township

FC:

AQ Code:S19

PLAN CENTER:

IPD:

PROJECT MANAGER: Plans/S. Hasan

CMP: Not SOV Capacity Adding

This project will include the replacement of two separate bridges along SR 3044/Ewing Road over the Middle Branch of White Clay Creek in Penn Township, Chester County.

		TIP Program Years (\$ 000)														
Phase	Fund	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032			
FD	185	133														
ROW	185	106														
UTL	185	16														
CON	185	1,326														
		1,581	0	0	0	0	0	0	0	0	0	0	0			
		Total FY2021-2024				1,581	Total FY2025-2028				0	Total FY2029-2032				0

DVRPC FY2021-2024 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Chester

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

LIMITS: Over Muddy Run

Est Let Date: 12/10/2020

IMPROVEMENT Bridge Repair/Replacement

NHPP:

MUNICIPALITIES: Upper Oxford Township

FC:

AQ Code:S19

PLAN CENTER:

IPD: 16

PROJECT MANAGER: TSS/GANNETT/S. New

CMP: Not SOV Capacity Adding

This project involves replacing county owned bridge (#21) on Watermark Road over Muddy Run in Upper Oxford Township. 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.

		TIP Program Years (\$ 000)													
Phase	Fund	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032		
CON	STP		2,448												
CON	183		459												
CON	LOC		153												
		0	3,060	0	0	0	0	0	0	0	0	0	0		
		Total FY2021-2024			3,060	Total FY2025-2028				0	Total FY2029-2032				0

DVRPC FY2021-2024 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Chester

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

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

Est Let Date: 3/15/2027

IMPROVEMENT Roadway Rehabilitation

NHPP: Y

MRPID:137

MUNICIPALITIES: East Caln Township

FC: 12; 14; 16; 17;
19

AQ Code:2035M

PLAN CENTER: Town Center

IPD: 17

PROJECT MANAGER: TSS/S. Fellin

CMP: Major SOV Capacity

CMP Subcorridor(s): 7E

This project provides for the final design, right-of-way, utility and construction phases of the Coatesville-Downingtown Bypass Reconstruction - eastern section - by reconstructing and widening the mainline shoulders; replacing and widening the mainline bridge superstructures; constructing new ramps (to complete partial interchanges); reconstructing, realigning, and lengthening all on and off ramps (to provide storage length for traffic signals and/or ramp metering); and reconstructing arterial overpasses.

The overall corridor construction cost estimate is \$784 million. 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 #s 107551, 107553, and 107554 contains the construction of the western section, originally housed under MPMS# 84884.

Project CMP (Congestion Management Process) commitments include expansion of Intelligent Transportation Systems (ITS) equipment throughout the corridor, signal improvements on parallel arterials, numerous improvements to rail transit stations and services in consultation with SEPTA and Amtrak, improved access to rail stations, sidewalks and other improvements for pedestrians and bicyclists on parallel arterials, investigation of park-and-ride locations, and outreach to employers to promote transportation demand management strategies. See DVRPC's 2016-2017 memorandum on supplemental strategies for details related to this project.

This project has construction funding (\$459 Million estimate) starting in FY29 and cash flowing the rest of the construction phase in the Long-range Plan which starts in FY33.

TIP Program Years (\$ 000)

Phase	Fund	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032
PE	STP*	1,000											
PE	STU*	1,500											
FD	NHPP				6,343								
FD	581				1,585								
ROW	581				4,417								
UTL	NHPP							951					
UTL	581							238					
CON	185									375			
CON	581									375			
CON	STP										1,500		
CON	STU										322		
CON	185										375		
CON	581										407		
CON	STU											1,389	
CON	STP											2,160	
CON	NHPP											111	
CON	185											375	
CON	581											375	
CON	581												5,614
CON	185												1,156
CON	NHPP												
CON	581												
		2,500	0	0	12,345	0	0	1,189	0	750	2,604	4,410	6,770
		Total FY2021-2024		14,845		Total FY2025-2028		1,189		Total FY2029-2032		14,534	

DVRPC FY2021-2024 TIP for PA

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: 3/26/2020

IMPROVEMENT Bridge Repair/Replacement

NHPP: N

MUNICIPALITIES: East Caln Township

FC: 16

AQ Code:S19

PLAN CENTER:

IPD: 17

PROJECT MANAGER: TSS/S. Fellin

CMP: Not SOV Capacity Adding

CMP Subcorridor(s): 7E

This project includes bridge superstructure replacement over Amtrak and associated roadway approach reconstruction, plus guiderail and drainage improvements on Boot Road near Quarry Road in East Caln Township, Chester County.

Poor condition bridge breakout project from MPMS #88706 .

TIP Program Years (\$ 000)

Phase	Fund	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	
CON	185	1,896												
CON	581		1,247											
CON	185			6,873										
		1,896	1,247	6,873	0	0	0	0	0	0	0	0	0	
		Total FY2021-2024			10,016	Total FY2025-2028				0	Total FY2029-2032			0

MPMS# 95430 *US 202 at SR 926 Intersection Improvement*

LIMITS:

Est Let Date: 7/15/2021

IMPROVEMENT Intersection/Interchange Improvements

NHPP: Y

MRPID:136

MUNICIPALITIES: Various

FC: 14; 16

AQ Code:R1

PLAN CENTER:

IPD: 14

PROJECT MANAGER: Gannett/V. Genua

CMP: Minor SOV Capacity

CMP Subcorridor(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 crosswalks, ADA ramps, pedestrian landings, as well signal equipment upgrades for pedestrian push buttons, countdown signal heads, and lighting.

TIP Program Years (\$ 000)

Phase	Fund	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	
FD	STP	225												
FD	581	56												
ROW	581	23												
ROW	STP		93											
UTL	581		143											
CON	STP		2,865											
CON	581		717											
		304	3,818	0	0	0	0	0	0	0	0	0	0	
		Total FY2021-2024			4,122	Total FY2025-2028				0	Total FY2029-2032			0

DVRPC FY2021-2024 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Chester

MPMS# 98036 *Merlin Road over Pigeon Run (Bridge)*

LIMITS:

IMPROVEMENT Bridge Repair/Replacement

NHPP:

Est Let Date: 9/3/2020

MUNICIPALITIES: East Pikeland Township

FC:

AQ Code:S19

PLAN CENTER:

IPD: 16

PROJECT MANAGER: Plans/S. Hasan

CMP: Not SOV Capacity Adding

This project will include the removal and replacement of an existing poor condition bridge along Merlin Road in East Pikeland Township, Chester County.

TIP Program Years (\$ 000)														
Phase	Fund	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	
ROW	185	75												
UTL	TOLL													
UTL	BOF	10												
CON	TOLL													
CON	BOF		1,273											
		85	1,273	0	0	0	0	0	0	0	0	0	0	
		Total FY2021-2024			1,358	Total FY2025-2028				0	Total FY2029-2032			0

MPMS# 98039 *Ship Road over Valley Creek (Bridge)*

LIMITS:

IMPROVEMENT Bridge Repair/Replacement

NHPP:

Est Let Date: 9/17/2020

MUNICIPALITIES: West Whiteland Township

FC:

AQ Code:S19

PLAN CENTER:

IPD: 17

PROJECT MANAGER: Plans/S. Hasan

CMP: Not SOV Capacity Adding

This project will include the removal and replacement of an existing poor condition bridge along Ship Road in West Whiteland Township, Chester County.

TIP Program Years (\$ 000)														
Phase	Fund	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	
ROW	185	87												
UTL	STP	47												
UTL	185	12												
CON	185	1,273												
		1,419	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2021-2024			1,419	Total FY2025-2028				0	Total FY2029-2032			0

DVRPC FY2021-2024 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Chester

MPMS# 98041 *Birchrun Road over Birch Run (Bridge)*

LIMITS: **IMPROVEMENT** Bridge Repair/Replacement **NHPP:** Est Let Date: 9/17/2020
MUNICIPALITIES: West Vincent Township **FC:** **AQ Code:**S19
PLAN CENTER: **IPD:** 16
PROJECT MANAGER: Plans/S. Hasan **CMP:** Not SOV Capacity Adding

This project will include the removal and replacement of an existing poor condition Bridge.

		TIP Program Years (\$ 000)														
Phase	Fund	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032			
ROW	TOLL															
ROW	BOF		90													
UTL	TOLL															
UTL	BOF		61													
CON	185	1,126														
		1,126	151	0	0	0	0	0	0	0	0	0	0			
		Total FY2021-2024			1,277				Total FY2025-2028				0			
									Total FY2029-2032				0			

MPMS# 98042 *Conestoga Rd o/ Pickering*

LIMITS: **IMPROVEMENT** Bridge Repair/Replacement **NHPP:** No Let Date
MUNICIPALITIES: West Pikeland Township **FC:** **AQ Code:**S19
PLAN CENTER: **IPD:**
PROJECT MANAGER: Plans/S. Hasan **CMP:** Not SOV Capacity Adding

This project will include the replacement of the bridge spanning Conestoga Road over branch of Pickering Creek.

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

		TIP Program Years (\$ 000)														
Phase	Fund	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032			
FD	185	133														
ROW	185	80														
UTL	185	53														
CON	STP	1,273														
CON	185	318														
		1,857	0	0	0	0	0	0	0	0	0	0	0			
		Total FY2021-2024			1,857				Total FY2025-2028				0			
									Total FY2029-2032				0			

DVRPC FY2021-2024 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Chester

MPMS# 98223 *Creek Road over Pickering Creek (Bridge)*

LIMITS: Thompson Davis Bridge No Let Date
IMPROVEMENT Bridge Repair/Replacement **NHPP:**
MUNICIPALITIES: Schuylkill Township **FC:** AQ Code:S19
PLAN CENTER: IPD: 12
PROJECT MANAGER: TSS/GANNETT/S. New **CMP:** Not SOV Capacity Adding CMP Subcorridor(s): 9B

This project is a replacement of the county owned Thompson Davis Bridge (#175), carrying Creek Road (T542) over Pickering Creek in Schuylkill Township, Chester County. This bridge is 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.

		TIP Program Years (\$ 000)											
Phase	Fund	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032
CON	183	0	0	0	0	0	0	0	0	0	0	0	0
Total FY2021-2024		0				Total FY2025-2028				0			
Total FY2029-2032		0											

MPMS# 98224 *Spring City Road over Stony Run (Bridge)*

LIMITS: No Let Date
IMPROVEMENT Bridge Repair/Replacement **NHPP:**
MUNICIPALITIES: East Pikeland Township **FC:** AQ Code:S19
PLAN CENTER: IPD: 16
PROJECT MANAGER: TSS/GANNETT/S. New **CMP:** Not SOV Capacity Adding CMP Subcorridor(s): 9A

This project is a replacement of the county owned Cromby's B ridge (#205) carrying Spring City Road over Stony Run in East Pikeland Township, Chester County. This project was included in the 2008 Bridge Bill (Act 96, pg 96). BMS# 15701505540205
 Funding for this project will be drawn down from the County Bridge Line Item (MPMS# 95447) at the appropriate time.

		TIP Program Years (\$ 000)											
Phase	Fund	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032
CON	183	0	0	0	0	0	0	0	0	0	0	0	0
Total FY2021-2024		0				Total FY2025-2028				0			
Total FY2029-2032		0											

DVRPC FY2021-2024 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Chester

MPMS# 102708 PA 41 at PA 841 Improvements

LIMITS:

IMPROVEMENT Intersection/Interchange Improvements

NHPP: Y

Est Let Date: 4/15/2022

MUNICIPALITIES: London Grove Township

FC:

AQ Code:2025M

PLAN CENTER:

IPD: 20

PROJECT MANAGER: TSS/S. Fellin

CMP: Minor SOV Capacity

Construction of a roundabout is anticipated at this location. The project will provide a safe and efficient means of accommodating the regional movement of people, goods and services and to provide for local access connections to support the existing community and businesses in the village of Chatham. Currently, the intersection of PA 41 & PA 841 has a confusing layout, traffic is forecasted to operate in LOS E on the PA 841 approaches to the intersection in the design year (2035), and there are limited pedestrian accommodations.

Pursuant to the completion of a needs assessment in 2014, an alternatives analysis, identified ten alternative concepts. Five of these alternatives were selected for additional evaluation. A preferred alternative for this intersection will be determined, which may take several years due to the complexity of the engineering solutions and environmental features and impacts. An improvement study of Chatham village recommended a gateway treatment on PA 41 that would support many of the short-listed alternatives. This gateway project is a companion project, MPMS #105755.

TIP Program Years (\$ 000)

Phase	Fund	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	
FD	SXF	129												
FD	STP	189												
FD	581	80												
ROW	STP	276												
ROW	581	69												
UTL	STP	64												
UTL	581	16												
CON	581		1,912											
CON	581			2,785										
		823	1,912	2,785	0	0	0	0	0	0	0	0	0	
		Total FY2021-2024			5,520	Total FY2025-2028				0	Total FY2029-2032			0

DVRPC FY2021-2024 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Chester

MPMS# 102709 PA 41 & SR 926 Improvements

LIMITS: Intersection of PA 41 and SR 926

Est Let Date: 4/22/2021

IMPROVEMENT Intersection/Interchange Improvements

NHPP: Y

MUNICIPALITIES: Londonderry Township

FC:

AQ Code:2025M

PLAN CENTER:

IPD: 13

PROJECT MANAGER: TSS/S. Fellin

CMP: Minor SOV Capacity

Construction of a roundabout is anticipated at this location. Improvements will provide an opportunity for all users to make safe movements at the four-way PA 41/PA 926 intersection that is currently skewed at approximately 23 degrees, as well as accommodate future traffic demands. Presently, traffic control consists of stop signs on the minor street (PA 926) approaches, with no posted turn restrictions. The approaches of PA 41 consists of one left turn lane and one shared through/right turn lane, while the approaches of PA 926 consists of a single shared left turn/through/right turn lane. After the completion of a needs assessment in 2014, an alternatives analysis identified four alternatives; three of these alternatives (including two alternatives that contain a roundabout) were selected for further evaluation.

PE activities are being completed under MPMS# 14484.

Other PA 41 intersection projects:

PA 41 & Newark Rd - MPMS# 98096

PA 41 & SR 841 - MPMS# 102708

TIP Program Years (\$ 000)

Phase	Fund	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	
ROW	SXF	212												
ROW	TOLL													
UTL	SXF	53												
UTL	TOLL													
CON	TOLL													
CON	SXF	2,016												
		2,281	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2021-2024			2,281	Total FY2025-2028				0	Total FY2029-2032			0

DVRPC FY2021-2024 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Chester

MPMS# 107551 SR30/SR10 to Business 30 Interchange Improvement

LIMITS: 1,250' west of SR 10 in WestSadsbury to approx. 1,500' east of the bridge o/ Old

Est Let Date: 9/26/2024

IMPROVEMENT Intersection/Interchange Improvements

NHPP:

MRPID:48

MUNICIPALITIES: Sadsbury Township; West Sadsbury Township

FC:

AQ Code:R1

PLAN CENTER:

IPD: 15

PROJECT MANAGER: TSS/S. Fellin

CMP: Minor SOV Capacity

CMP Subcorridor(s): 7E

The proposed Octorara Trail (SR 0010)/Lincoln Highway (Business US 30) Interchange project (US 30, Section 010) is being undertaken in conjunction with corridor wide improvements planned for the 14.5-mile US 30 Coatesville – Downingtown Bypass. The project extends along US 30 from approximately 1,250 feet west of SR 10 in West Sadsbury Township to approximately 1,500 feet east of the highway's bridge over Old Mill Road in Sadsbury Township. Planned work will consist of the full reconstruction of US 30 to upgrade the existing roadway which is approaching the end of its serviceable life. Reconfiguration of the interchange with Business US 30 will be considered to address the existing nonconventional split of the two roadways. The project will also address deficient median conditions, shoulder widths and the functionally obsolete bridges (Business US 30 over EB US 30 and US 30 over Old Mill Road) within the project limits. The addition of turning lanes at the SR 10 intersection will be made to improve movement through the intersection.

This is a breakout of MPMS #84884

		TIP Program Years (\$ 000)											
Phase	Fund	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032
FD	NHPP			2,347									
FD	581			586									
ROW	NHPP				2,404								
ROW	581				601								
UTL	NHPP					1,393							
UTL	581					349							
CON	SPK-NHPP						10,000						
CON	581						2,500						
CON	SPK-NHPP							10,000					
CON	581							2,500					
CON	SPK-NHPP								10,000				
CON	581								2,500				
CON	SPK-NHPP									10,000			
CON	581									2,500			
CON	STU										23,544		
CON	581										5,886		
		0	0	2,933	3,005	1,742	12,500	12,500	12,500	12,500	29,430	0	0
		Total FY2021-2024			5,938	Total FY2025-2028			39,242	Total FY2029-2032			41,930

DVRPC FY2021-2024 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Chester

MPMS# 107553 SR30 & Airport Rd Interchange Improvement

LIMITS: 1,500' east of bridge o/ Old MillRd in Sadsbury to approx. 0.2 miles east of Wag

Est Let Date: 12/31/2025

IMPROVEMENT Intersection/Interchange Improvements

NHPP:

MRPID:48

MUNICIPALITIES: Valley Township; West Caln Township

FC:

AQ Code:2035M

PLAN CENTER:

IPD: 18

PROJECT MANAGER: TSS/S. Fellin

CMP: Major SOV Capacity

CMP Subcorridor(s): 7E

The planned Airport Road Interchange project (US 30, Section AIR) is being undertaken in conjunction with corridor wide improvements planned for the 14.5-mile US 30 Coatesville – Downingtown Bypass. The project extends along US 30 from approximately 1,500 feet east of the highway's bridge over Old Mill Road in Sadsbury Township to approximately 0.2 miles east of Wagontown Road in Valley Township. Planned work will consist of the full reconstruction of US 30 to upgrade the existing roadway which is approaching the end of its serviceable life. The Airport Road interchange will be reconfigured to address the short acceleration/deceleration ramp lengths and add the missing westbound entrance and eastbound exit ramps. As part of the interchange reconfiguration turning lanes will be added to Airport Road and West Highland Boulevard will be relocated to align with Highland Boulevard/Airport Road intersection. The project will also address deficient median conditions, shoulder widths and the functionally obsolete bridges (Airport Road over US 30 and US 30 over Wagontown Road) within the project limits. No additional travel lanes are proposed for any of the project roadways

This is a breakout of MPMS #84884

TIP Program Years (\$ 000)

Phase	Fund	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032
FD	NHPP	6,852											
FD	581	1,713											
ROW	NHPP		4,246										
ROW	581		1,062										
UTL	NHPP						4,577						
UTL	581						1,144						
CON	SPK-NHPP						10,000						
CON	581						2,500						
CON	SPK-NHPP							10,000					
CON	581							2,500					
CON	SPK-NHPP									10,000			
CON	581									2,500			
CON	NHPP										56		
CON	185									23,453			
CON	NHPP											443	
CON	STU											58,629	
CON	185											40,332	
CON	581											41,569	
CON	STP												7,940
CON	581												27
CON	185												42,866
		8,565	5,308	0	0	0	0	18,221	12,500	12,500	23,509	140,973	50,833
		Total FY2021-2024		13,873		Total FY2025-2028			30,721	Total FY2029-2032		227,815	

DVRPC FY2021-2024 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Chester

MPMS# 107554 US30 & PA82 Interchange Improvement

LIMITS: 0.2 miles east of Wagontown Rd in Valley to 0.1 miles west of SR 340 bridge o/

Est Let Date: 12/31/2025

IMPROVEMENT Intersection/Interchange Improvements

NHPP:

MRPID:48

MUNICIPALITIES: Valley Township; West Caln Township

FC:

AQ Code:R3

PLAN CENTER:

IPD: 18

PROJECT MANAGER: TSS/S. Fellin

CMP: Minor SOV Capacity

CMP Subcorridor(s): 7E

The planned SR 82 Interchange project (US 30, Section 082) is being undertaken in conjunction with corridor wide improvements planned for the 14.5-mile US 30 Coatesville – Downingtown Bypass. The project extends along US 30 from approximately 0.2 miles east of Wagontown Road in Valley Township to 0.1 miles west of the SR 340 bridge over US 30 in Caln Township. Planned work will consist of the full reconstruction of US 30 to upgrade the existing roadway which is approaching the end of its serviceable life. Reconfiguration of the interchange with SR 82 will be undertaken to address substandard acceleration/deceleration ramp lengths and poor geometry of the westbound exit ramp. The project will also address deficient median conditions, shoulder widths and the functionally obsolete bridges (US 30 over W. Brandywine Creek, US 30 over SR 82, & US 30 over Moore Road) within the project limits. Reconfiguration of the SR 82/SR 340 intersection will also be undertaken as part of the project to improve movement through the intersection. No additional travel lanes are proposed on any of the roadways involved in the project.

This is a breakout of MPMS #84884.

		TIP Program Years (\$ 000)											
Phase	Fund	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032
FD	NHPP	2,607											
FD	581	652											
FD	NHPP		2,607										
FD	581		652										
ROW	NHPP				3,004								
ROW	581				751								
UTL	NHPP						3,382						
UTL	581						845						
CON	SPK-NHPP							10,000					
CON	581							2,500					
CON	SPK-NHPP								10,000				
CON	STU								44,244				
CON	581								2,500				
CON	581								11,061				
CON	STU									15,232			
CON	SPK-NHPP									10,000			
CON	581									2,500			
CON	STU										15,029		
CON	581										3,757		
		3,259	3,259	0	3,755	0	4,227	12,500	67,805	27,732	18,786	0	0
		Total FY2021-2024			10,273	Total FY2025-2028			84,532	Total FY2029-2032			46,518

DVRPC FY2021-2024 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Chester

MPMS# 107945 Art School Rd O/ Br Pickering Creek (Bridge)

LIMITS: West Pikeland Township

Est Let Date: 2/15/2022

IMPROVEMENT Bridge Repair/Replacement

NHPP:

MUNICIPALITIES: West Pikeland Township

FC:

AQ Code:S19

PLAN CENTER:

IPD: 12

PROJECT MANAGER: Plans/S. Hasan

CMP: Not SOV Capacity Adding

This project will include the removal and replacement of an existing poor condition, weight restricted bridge along Art School Road in West Pikeland Township, Chester County.

		TIP Program Years (\$ 000)													
Phase	Fund	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032		
ROW	TOLL														
ROW	BOF	159													
UTL	TOLL														
UTL	BOF		55												
CON	TOLL														
CON	BOF		1,366												
CON	TOLL														
CON	BOF			1,366											
		159	1,421	1,366	0	0	0	0	0	0	0	0	0		
		Total FY2021-2024			2,946	Total FY2025-2028				0	Total FY2029-2032				0

MPMS# 110311 PA 41 at State Road Intersection

LIMITS: PA 41 at State Road

No Let Date

IMPROVEMENT Intersection/Interchange Improvements

NHPP:

MUNICIPALITIES: Avondale Borough

FC:

AQ Code:R1

PLAN CENTER:

IPD: 20

PROJECT MANAGER: TSS/M. Saintval

CMP: Not SOV Capacity Adding

CMP Subcorridor(s): 5A

This project will address the geometry of the intersection, realign the intersection, improve sight distance, improve turning lanes, incorporate ITS, improve sidewalk and pedestrian access, and accommodate heavy vehicle traffic at the intersection.

		TIP Program Years (\$ 000)													
Phase	Fund	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032		
FD	581		546												
ROW	STU			113											
UTL	581			225											
CON	581					5,970									
		0	546	338	0	5,970	0	0	0	0	0	0	0		
		Total FY2021-2024			884	Total FY2025-2028				5,970	Total FY2029-2032				0

DVRPC FY2021-2024 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Chester

MPMS# 110312 *Baltimore Pike/Newark Road Intersection Improvements*

LIMITS: Baltimore Pike at Newark Road No Let Date

IMPROVEMENT Intersection/Interchange Improvements NHPP:

MUNICIPALITIES: New Garden Township FC: AQ Code:R1

PLAN CENTER: IPD: 22

PROJECT MANAGER: EE/J. Brown CMP: Minor SOV Capacity CMP Subcorridor(s): 5A

This project is located in the village of Toughkenamon in New Garden Township, Chester County. This project will improve safety by realigning the northern leg of Newark Road at Baltimore Pike and upgrading and modernizing the traffic signal, including pedestrian signals and emergency preemption. Dedicated left-turn lanes on all four approaches, as well as a right-turn lane from northbound Newark Road to eastbound Baltimore Pike will be installed. Turning radii will be widened to accommodate trucks and larger vehicles. Access management enhancements and driveway adjustments for homes and businesses will improve access management. New sidewalk connections and ADA compliant curb ramps will be installed.

		TIP Program Years (\$ 000)											
Phase	Fund	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032
FD	581			684									
ROW	STP				1,229								
UTL	581					2,897							
CON	STU												7,841
CON	581												1,960
		0	0	684	1,229	2,897	0	0	0	0	0	0	9,801
		Total FY2021-2024			1,913	Total FY2025-2028			2,897	Total FY2029-2032			9,801

MPMS# 110949 *Horseshoe Pike and Manor Road Intersection*

LIMITS: Horseshoe Pike (SR 0322) and Manor Road (SR 0082) Est Let Date: 7/23/2020

IMPROVEMENT Intersection/Interchange Improvements NHPP:

MUNICIPALITIES: West Brandywine Township FC: AQ Code:R1

PLAN CENTER: IPD:

PROJECT MANAGER: Traff/A. Patel CMP: Minor SOV Capacity

Addition of exclusive left turn lanes and lighting at the intersection of Manor Road (PA 82) and Horseshoe Pike (US 322) in West Brandywine Township, Chester County.

		TIP Program Years (\$ 000)											
Phase	Fund	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032
FD	TOLL												
FD	sHSIP	11											
UTL	TOLL												
UTL	sHSIP	6											
CON	TOLL												
CON	sHSIP		270										
		17	270	0	0	0	0	0	0	0	0	0	0
		Total FY2021-2024			287	Total FY2025-2028			0	Total FY2029-2032			0

DVRPC FY2021-2024 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Chester

MPMS# 110954 PA 10 Shoulder Widening

LIMITS: Between US 30 and Lancaster County Line

No Let Date

IMPROVEMENT Intersection/Interchange Improvements

NHPP:

MUNICIPALITIES: Honey Brook Township; Sadsbury Township; West Caln Township; W **FC:**

AQ Code:S4

PLAN CENTER:

IPD:

PROJECT MANAGER: Traff/A. Patel

CMP: Not SOV Capacity Adding

Shoulder widening of Route 10 (SR 0010) between US 30 (SR 0030) and Lancaster County Line.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	
PE	TOLL													
PE	sHSIP	200												
		200	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2021-2024			200	Total FY2025-2028				0	Total FY2029-2032			0

MPMS# 110963 Manor Road Roundabout

LIMITS: Manor Rd (SR 0082) & Cedar Knoll/Reeceville Road (SR 4005)

Est Let Date: 3/12/2020

IMPROVEMENT Intersection/Interchange Improvements

NHPP:

MUNICIPALITIES: West Brandywine Township

FC:

AQ Code:2025M

PLAN CENTER:

IPD:

PROJECT MANAGER: Traff/A. Patel

CMP: Minor SOV Capacity

Roundabout installation at Manor Rd (SR 0082) & Cedar Knoll/Reeceville Road (SR 4005).

		TIP Program Years (\$ 000)												
Phase	Fund	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	
ROW	TOLL													
ROW	sHSIP	216												
UTL	TOLL													
UTL	sHSIP	39												
CON	TOLL													
CON	sHSIP	578												
CON	TOLL													
CON	sHSIP		400											
		833	400	0	0	0	0	0	0	0	0	0	0	
		Total FY2021-2024			1,233	Total FY2025-2028				0	Total FY2029-2032			0

DVRPC FY2021-2024 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Chester

MPMS# 111175 *Ashburn Road Extension*

LIMITS: End of Ashburn Rd west to Township Line Rd

IMPROVEMENT Roadway New Capacity

MUNICIPALITIES: Phoenixville Borough

PLAN CENTER:

PROJECT MANAGER: AECOM/S. Finan

CMP:

NHPP:
FC:

No Let Date
MRPID:237
AQ Code:2025M
IPD:

Proposed 0.34 mile extension of Ashburn Road will extend existing termination point to intersect with Township line Road. Proposed new roadway will provide two 12ft travel lanes(one each direction) and 8ft shoulders for shared bike lanes with new sidewalk(only South-side).

TIP Program Years (\$ 000)														
Phase	Fund	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	
CON	411	1,260												
CON	LOC	540												
		1,800	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2021-2024			1,800	Total FY2025-2028				0	Total FY2029-2032			0

MPMS# 111177 *Oxford Borough Transit Center Access Improvements*

LIMITS: PA 10

IMPROVEMENT Bicycle/Pedestrian Improvement

MUNICIPALITIES: Oxford Borough

PLAN CENTER:

PROJECT MANAGER: AECOM/C. Bergeman

CMP:

NHPP:
FC:

No Let Date
AQ Code:A2
IPD:

Improvements to address poor road conditions involve a combination of reconstruction and restoration of Second Avenue (between Locust and Mt. Vernon Streets) and Octoraro Alley (from Second Street to the entrance of the new transit center), including full depth reclamation and storm drainage improvements to significant sections. The portion of Octoraro Alley that meets Third Street will be pedestrianized, prohibiting most vehicle access. Removable bollards and planters will be installed, allowing emergency vehicles entry if needed. The area will be repaved and new, improved lighting installed, making it safer and more enticing for pedestrian use. The service road off Octoraro Alley, between the new transit facility and the businesses along Third Street, will be paved and new lighting installed. Finally, new wayfinding signage will be installed in the surrounding area to denote the changes in vehicle and pedestrian circulation and access, and entrance to the new transit facility. Combined these improvements will improve multimodal circulation and reduce pedestrian and vehicular conflicts.

TIP Program Years (\$ 000)														
Phase	Fund	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	
CON	411	144												
CON	LOC	43												
		187	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2021-2024			187	Total FY2025-2028				0	Total FY2029-2032			0

DVRPC FY2021-2024 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Chester

MPMS# 111474 *My School on the Move Program*

LIMITS: No Let Date
 IMPROVEMENT Other NHPP:
 MUNICIPALITIES: Various FC: AQ Code:A2
 PLAN CENTER: IPD:
 PROJECT MANAGER: EE/DVRPC/R. Gallagher CMP: Not SOV Capacity Adding

Funding is for the interactive My School on the Move program that teaches middle school students traffic safety laws (using SRTS funding).

		TIP Program Years (\$ 000)												
Phase	Fund	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	
CON	TAP	111												
		111	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2021-2024			111	Total FY2025-2028				0	Total FY2029-2032			0

MPMS# 111477 *State Road Sidewalks*

LIMITS: State Rd between Prospect Ave/Wickerton Rd and Schoolhouse Rd Est Let Date: 8/20/2020
 IMPROVEMENT Bicycle/Pedestrian Improvement NHPP:
 MUNICIPALITIES: London Grove Township FC: AQ Code:A2
 PLAN CENTER: IPD:
 PROJECT MANAGER: EE/DVRPC/J. Natalie CMP: Not SOV Capacity Adding CMP Subcorridor(s): 5A

This project will construct approximately 2,500 feet of sidewalk and curb on the south side of State Road between Prospect Avenue/Wickerton Road (State Route 0841) and Schoolhouse Road (using SRTS funding) in London Grove Township.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	
CON	TAP			1,280										
		0	0	1,280	0	0	0	0	0	0	0	0	0	
		Total FY2021-2024			1,280	Total FY2025-2028				0	Total FY2029-2032			0

DVRPC FY2021-2024 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Chester

MPMS# 111485 **Route 82 Crosswalks and sidewalk**

LIMITS: The 700 block of Route 82 in East marlborough Twp

Est Let Date: 8/6/2020

IMPROVEMENT Bicycle/Pedestrian Improvement

NHPP:

MUNICIPALITIES: East Marlborough Township

FC:

AQ Code:A2

PLAN CENTER:

IPD:

PROJECT MANAGER: EE/DVRPC/J. Banks

CMP: Not SOV Capacity Adding

This project will construct safety improvements for better access to the Unionville-Chadds Ford Middle/High School campus through sidewalks, crosswalks, medians and roadway adjustments (using SRTS funding) in East Marlborough Township.

TIP Program Years (\$ 000)														
Phase	Fund	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	
CON	TAP	750												
		750	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2021-2024			750		Total FY2025-2028			0		Total FY2029-2032		0

MPMS# 113307 **US 1 Expressway Reconstruction: PA/MD Line to PA 472**

New-B

LIMITS: PA/MD Line to PA 472

No Let Date

IMPROVEMENT Roadway Rehabilitation

NHPP:

MRPID:3

MUNICIPALITIES: Lower Oxford Township; West Nottingham Township; East Nottingha

FC:

AQ Code:S10

PLAN CENTER:

IPD:

PROJECT MANAGER: EE/M. Holva

CMP: Minor SOV Capacity

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. Interchanges included in the work are at Sylmar Road, Ridge Road, and PA 272. See also MPMS #14580, #14581, and #113312.

TIP Program Years (\$ 000)														
Phase	Fund	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	
PE	581	1,453												
PE	581		1,366											
PE	581		1,000											
FD	581				4,347									
ROW	581				1,391									
UTL	STP						246							
UTL	581						61							
CON	NHPP						8,461							
CON	581						2,115							
CON	NHPP							8,461						
CON	581							2,115						
CON	NHPP								8,461					
CON	581								2,115					
CON	NHPP									8,461				
CON	581									2,115				
CON	NHPP										8,461			
CON	581										2,115			
		1,453	2,366	0	5,738	0	10,883	10,576	10,576	10,576	10,576	0	0	
		Total FY2021-2024			9,557		Total FY2025-2028			32,035		Total FY2029-2032		21,152

DVRPC FY2021-2024 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Chester

MPMS# 113312 US 1 Expressway Reconstruction: PA 41 to Schoolhouse Road

New-B

LIMITS: PA 41 to Schoolhouse Road

No Let Date

IMPROVEMENT Roadway Rehabilitation

NHPP:

MRPID:3

MUNICIPALITIES: London Grove Township; New Garden Township; East Marlborough T FC:

AQ Code:S10

PLAN CENTER:

IPD:

PROJECT MANAGER: EE/M. Holva

CMP: Minor SOV Capacity

CMP Subcorridor(s): 5A, 17A

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. Interchanges included in the work are at Newark Road, PA 82, and Baltimore Pike. See also MPMS #14580, #14581, and #113307.

		TIP Program Years (\$ 000)											
Phase	Fund	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032
PE	581			1,000									
PE	581				3,277								
FD	581					4,776							
ROW	581						1,476						
UTL	581								326				
CON	STP								11,462				
CON	581								2,865				
CON	STU									11,462			
CON	581									2,865			
CON	NHPP										3,522		
CON	581										2,865		
CON	STP											7,940	
CON	NHPP											11,462	
CON	581											2,865	
CON	NHPP												11,462
CON	581												2,865
		0	0	1,000	3,277	4,776	1,476	0	14,653	14,327	6,387	22,267	14,327
		Total FY2021-2024			4,277	Total FY2025-2028			20,905	Total FY2029-2032			57,308

DVRPC FY2021-2024 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Chester

MPMS# 115422 *West Chester Pike Safety Improvements*

New

LIMITS: West Chester Borough and West Goshen Township

No Let Date

IMPROVEMENT Intersection/Interchange Improvements

NHPP:

MUNICIPALITIES: West Chester Borough; West Goshen Township

FC:

AQ Code:S6

PLAN CENTER:

IPD:

PROJECT MANAGER:

CMP: Not SOV Capacity Adding

The proposed scope of this project include:

- Installation of chevrons and curve warning signs and improve pavement friction on West Chester Pike from Prospect Ave to Morris Road
- Improvement of pavement friction on West Chester Pike at the intersection with Concord Road
- The closure of the median break and the installation of a right-in/right-out access on West Chester Pike at the intersection with Patrick Avenue
- The installation of retroreflective backplates to the signals and the improvement of pavement friction on West Chester Pike at the intersection with 5 Points Road
- The closure of the median break and the installation of a right-in/right-out access on West Chester Pike at the intersection with Spring Lane

TIP Program Years (\$ 000)													
Phase	Fund	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032
PE	HSIP		167										
FD	HSIP				112								
CON	HSIP					1,000							
CON	HSIP						773						
		0	167	0	112	1,000	773	0	0	0	0	0	0
		Total FY2021-2024			279	Total FY2025-2028			1,773	Total FY2029-2032			0

MPMS# 115423 *Route 23 Corridor Safety Improvements*

New

LIMITS: From Ridge Road to Whitehorse Road

No Let Date

IMPROVEMENT Intersection/Interchange Improvements

NHPP:

MUNICIPALITIES: Schuylkill Township; Phoenixville Borough; East Pikeland Township

FC:

AQ Code:S6

PLAN CENTER:

IPD:

PROJECT MANAGER:

CMP: Not SOV Capacity Adding

The proposed scope of this project include:

- Installation of retroreflective backplates on signals
- Addition of pedestrian countdown timers and pushbuttons at signalized intersections
- Modification of signal phasing to include a leading pedestrian interval at Rapps Dam Road/Mowere Road intersection
- Installation of a signal at Mason Street intersection
- Installation of intersection warning signage at Second Avenue/Buchanan Street intersection
- Installation of signal ahead signage at the following intersections:
 - o Bridge Street/Mellon Street
 - o Main Street/Manavon Street
- Eliminate passing lane on eastbound SR 0023 at Kimberton Road intersection

TIP Program Years (\$ 000)													
Phase	Fund	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032
PE	HSIP	251											
FD	HSIP		174										
CON	HSIP			1,407									
		251	174	1,407	0	0	0	0	0	0	0	0	0
		Total FY2021-2024			1,832	Total FY2025-2028			0	Total FY2029-2032			0

DVRPC FY2021-2024 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Chester

MPMS# 115424 US 322 West Chester Bypass Safety Improvements

New

LIMITS: Downingtown Pike to US 202

No Let Date

IMPROVEMENT Intersection/Interchange Improvements

NHPP:

MUNICIPALITIES: West Goshen Township; East Bradford Township

FC:

AQ Code:S6

PLAN CENTER:

IPD:

PROJECT MANAGER:

CMP: Minor SOV Capacity

CMP Subcorridor(s): 8B

The proposed scope of this project include:

- Removal of passing lanes in the Pottstown Pike interchange
- Extension of acceleration and deceleration lanes of the ramps of the Pottstown Pike interchange
- Narrowing of lanes from 12'-13' to 11' to ensure a minimum shoulder width of 5'
- Installation of bicycle-tolerable shoulder and centerline rumble strips, as well as bicycle tolerable storm grates
- Replacement of guide rail to MASH standards with approved end treatments, removal of turndowns, and protection of bridge wing walls
- Replacement of mast arms and addition of overhead street lighting at the Phoenixville Pike intersection
- Implementation of wrong way countermeasures at the Pottstown Pike and SR 0202 interchanges
- Installation of retroreflective backplates on signals
- Addition of exclusive left turn lanes at New Street intersection

		TIP Program Years (\$ 000)															
Phase	Fund	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032				
CON	HSIP		3,513														
		0	3,513	0	0	0	0	0	0	0	0	0	0				
		Total FY2021-2024		3,513		Total FY2025-2028				0				Total FY2029-2032		0	

DVRPC FY2021-2024 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Chester

MPMS# 115425 *High Street Pedestrian Improvements*

New

LIMITS: Rosedale Avenue to Miner Street

No Let Date

IMPROVEMENT Intersection/Interchange Improvements

NHPP:

MUNICIPALITIES: West Chester Borough

FC:

AQ Code:2035M

PLAN CENTER:

IPD:

PROJECT MANAGER:

CMP: Minor SOV Capacity

CMP Subcorridor(s): 8B

The proposed scope of this project include:

- Installation of retroreflective backplates on signals
- Addition of pedestrian countdown timers at signalized intersections
- Installation of signals at University Avenue and Sharpless Street intersections
- Installation of additional lighting at the following intersections:
 - o Linden Street
 - o University Avenue
 - o Sharpless Street
 - o Price Street
 - o Union Street
- Installation of curb bumpouts at the following intersections:
 - o Linden Street
 - o University Avenue
 - o Nields Street
 - o Sharpless Street
 - o Lacey Street
- Installation of high visibility crosswalks at the following intersections:
 - o Linden Street
 - o University Avenue
 - o Sharpless Street
 - o Price Street

		TIP Program Years (\$ 000)													
Phase	Fund	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032		
PE	HSIP	226													
FD	HSIP			129											
CON	HSIP			1,000											
CON	HSIP				456										
		226	0	1,129	456	0	0	0	0	0	0	0	0		
		Total FY2021-2024			1,811	Total FY2025-2028				0	Total FY2029-2032				0

Total For	2021	2022	2023	2024	2021-2024	2025-2028	2029-2032
Chester	\$98,826	\$81,322	\$43,845	\$68,881	\$292,874	\$348,304	\$449,241