

DVRPC FY2023-2026 TIP for PA

Draft Version

Pennsylvania - Highway Program (Status: TIP)

Delaware

MPMS# 15008 *Folcroft Avenue Bridge Over Amtrak/SEPTA Wilmington/Newark Rail Line*

LIMITS Over Amtrak/SEPTA Wilmington/Newark Rail Line

Est Let Date: 4/27/2023

IMPROVEMENT Bridge Repair/Replacement

NHPP:

MUNICIPALITIES: Sharon Hill Borough; Folcroft Borough

FC:

AQ Code:NRS

PLAN CENTER:

IPD: 16

PROJECT MANAGER: TSS/GANNETT/S. New

CMP: Not SOV Capacity Adding

CMP Subcorridor(s): 6A

The existing one lane bridge is closed to traffic and will be removed. Bridge has been closed since 1997.

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	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	FY2033	FY2034	
CON	BOF	1,854												
CON	183	348												
CON	LOC	116												
		2,318	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2023-2026			2,318	Total FY2027-2030				0	Total FY2031-2034			0

DVRPC FY2023-2026 TIP for PA

Draft Version

Pennsylvania - Highway Program (Status: TIP)

Delaware

MPMS# 15183 Station Road Bridge Over Chester Creek (CB #234)

LIMITS Over Chester Creek

Est Let Date: 6/20/2024

IMPROVEMENT Bridge Repair/Replacement

NHPP:

MUNICIPALITIES: Thornbury Township

FC:

AQ Code:S19

PLAN CENTER:

IPD: 12

PROJECT MANAGER: TSS/GANNETT/S. New

CMP: Not SOV Capacity Adding

This project involves rehabilitating or replacing Station Road over Chester Creek in Thornbury Township, a single span bridge.

The Station Road bridge is a one lane, reinforced concrete T-beam bridge constructed in 1914 over Chester Creek in Thornbury Township. The width of the bridge is currently 18'-0" due to the numerous bituminous overlays which have concealed the original concrete curbing that previously provided a 16'-8" bridge width. It is currently posted for three tons. The purpose of the project is to correct the structural and safety deficiencies of the bridge to provide a safe and efficient crossing over Chester Creek. The bridge serves residents with local deliveries, school bus transportation, emergency services and access to the local post office located south of the crossing.

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	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	FY2033	FY2034
FD	BOF	427											
FD	179	107											
ROW	BOF	44											
ROW	183	8											
ROW	LOC	3											
UTL	BOF	68											
UTL	179	17											
CON	BOF		2,936										
CON	179		734										
		674	3,670	0	0	0	0	0	0	0	0	0	0
		Total FY2023-2026		4,344		Total FY2027-2030				0			
						Total FY2031-2034				0			

DVRPC FY2023-2026 TIP for PA

Draft Version

Pennsylvania - Highway Program (Status: TIP)

Delaware

MPMS# 15251 US 1 and PA 352 Interchange, Intersection, and Roadway Improvements SR:0352

LIMITS At PA 352/Middletown Road

Est Let Date: 12/16/2027

IMPROVEMENT Intersection/Interchange Improvements

NHPP: Y

MRPID:5

MUNICIPALITIES: Middletown Township

FC: 12; 14

AQ Code:R3

PLAN CENTER:

IPD: 15

PROJECT MANAGER: TSS/M. Fausto

CMP: Minor SOV Capacity

CMP Subcorridor(s): 5B

This project will entail the reconstruction and reconfiguration of this cloverleaf interchange, originally built in 1939.

This project involves reconstructing the US 1/PA 352 interchange at the terminus of the Media Bypass, upgrading roads and intersections, and traffic signals. Project includes improvements along US 1 beginning at the intersection with PA 452 to east of the Media Bypass, and along PA 352 beginning north of the Williamson Free School entrance drive to the intersection of PA 352 / PA 452. Local street improvements are included to improve circulation and provide access. Pedestrian facilities will be included in improvements.

This road segment is included in the Delaware County Bicycle Plan. SEPTA 110, 111, 114, and 117 bus routes use Routes 1 and 352.

The estimated construction funding (\$145 Million) is located in the Long-range Plan which begins in FY33.

TIP Program Years (\$ 000)

Phase	Fund	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	FY2033	FY2034
FD	STU		3,605										
FD	581		901										
FD	STU			3,605									
FD	581			901									
FD	STU				605								
FD	NHPP				3,000								
FD	581				901								
FD	STU					3,605							
FD	581					901							
ROW	NHPP			4,502									
ROW	581			1,125									
ROW	NHPP				4,502								
ROW	581				1,125								
ROW	NHPP					4,502							
ROW	581					1,125							
ROW	NHPP						4,502						
ROW	581						1,125						
ROW	NHPP							4,502					
ROW	581							1,125					
UTL	NHPP												4,985
UTL	581												1,246
CON	STU										40,720		
CON	581										2,053		
CON	BRIP												14,850
CON	581												17,227
CON	STU												
CON	NHPP												
CON	581												
		0	4,506	10,133	10,133	10,133	5,627	5,627	5,627	0	0	42,773	38,308
		Total FY2023-2026			24,772	Total FY2027-2030			27,014	Total FY2031-2034			81,081

DVRPC FY2023-2026 TIP for PA

Draft Version

Pennsylvania - Highway Program (Status: TIP)

Delaware

MPMS# 15278 *Chester Pike/9th Street Bridge over Darby Creek (CB #146)*

New

LIMITS

No Let Date

IMPROVEMENT Bridge Repair/Replacement

NHPP:

MUNICIPALITIES: Collingdale Borough; Darby Borough

FC:

AQ Code:S19

PLAN CENTER:

IPD:

PROJECT MANAGER: TSS/RKK/C. Carmichael

CMP:

This project involves rehabilitating or replacing the Bridge at Chester Pike/9th Street Bridge over Darby Creek (CB #146).

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	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	FY2033	FY2034	
PE	185		900											
FD	185						750							
ROW	185							125						
UTL	185							150						
CON	BRIP								8,000					
		0	900	0	0	0	750	275	8,000	0	0	0	0	
		Total FY2023-2026			900	Total FY2027-2030				9,025	Total FY2031-2034			0

DVRPC FY2023-2026 TIP for PA

Draft Version

Pennsylvania - Highway Program (Status: TIP)

Delaware

MPMS# 15306 *Sellers Avenue Bridge Over Amtrak and SEPTA Wilmington Newark Rail Line SR:2031*

LIMITS Over Amtrak/SEPTA Wilmington Newark Rail Line

Est Let Date: 1/26/2023

IMPROVEMENT Bridge Repair/Replacement

NHPP: N

MUNICIPALITIES: Ridley Park Borough

FC: 17

AQ Code:S19

PLAN CENTER: Town Center

IPD: 16

PROJECT MANAGER: AECOM/K. Caparra

CMP: Not SOV Capacity Adding

CMP Subcorridor(s): 6A

The superstructure of the Sellers Avenue Bridge over Amtrak will be replaced while reusing the existing stone abutments. The new superstructure and reused stone masonry abutments will be designed in accordance with current AASHTO and PennDOT design criteria and will be compliant with Amtrak's requirements for the railroad protective barrier and fencing in proximity to the railroad. Amtrak requires a solid face barrier on the bridge with a minimum 8'-0" height from the top of the sidewalk, capped with curved fencing a minimum of 1'-6" high, for a total height of 9'-6" above the sidewalk.

The roadway profile is expected to be raised with minor changes to sidewalks and vegetation. In an effort to minimize impacts to the Borough and the historic district, the change in the roadway profile has been lessened through coordination with Amtrak. Amtrak allowed the minimum vertical clearance (MVC) (currently proposed to be 20'-3") to be significantly less than what is typically required (24'-3"). Replacement of the bridge will require the construction of one new catenary support structure on the west side of the bridge and the rerouting of catenary wires and the relocation of railroad signals. Existing utilities will need to be supported and service will need to be maintained during construction. The new bridge design will accommodate the existing utilities at this location. The project will also upgrade the existing signal layout at the intersection of Sellers and Swarthmore Avenues to bring it to current standards and install emergency pre-emptive equipment. Emergency pre-emptive equipment will also be installed on the existing signal equipment at the intersection of East Ridley and Swarthmore Avenues.

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	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	FY2033	FY2034	
CON	TOLL													
CON	BRIP	10,354												
		10,354	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2023-2026			10,354	Total FY2027-2030				0	Total FY2031-2034			0

MPMS# 47147 *3rd Street Dam Over Broomall Lake*

LIMITS Over Broomall Lake/tributary to Ridley Creek

Est Let Date: 9/12/2024

IMPROVEMENT Bridge Repair/Replacement

NHPP:

MUNICIPALITIES: Media Borough

FC:

AQ Code:S19

PLAN CENTER: Town Center

IPD: 16

PROJECT MANAGER: TSS/GANNETT/S. New

CMP: Not SOV Capacity Adding

CMP Subcorridor(s): 5D

This project involves replacing the Broomall Lake dam carrying 3rd St., which is currently closed to traffic due to the dam's deterioration. The project also includes roadway reconstruction and stormwater management improvements. A final alternative for bridge rehabilitation or replacement is determined upon National Environmental Policy Act (NEPA) clearance.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	FY2033	FY2034	
CON	183					2,492								
CON	LOC					623								
		0	0	0	0	3,115	0	0	0	0	0	0	0	
		Total FY2023-2026			0	Total FY2027-2030				3,115	Total FY2031-2034			0

DVRPC FY2023-2026 TIP for PA

Draft Version

Pennsylvania - Highway Program (Status: TIP)

Delaware

MPMS# 57773 *Lloyd Street Bridge Over Amtrak/SEPTA Wilmington Newark Rail Line (CB)*

LIMITS Over Amtrak/SEPTA Rail Line between 5th Street and 6th Streets

Est Let Date: 10/19/2023

IMPROVEMENT Bridge Repair/Replacement

NHPP:

MUNICIPALITIES: Chester City

FC:

AQ Code:S19

PLAN CENTER:

IPD: 22

PROJECT MANAGER: TSS/GANNETT/S. New

CMP: Not SOV Capacity Adding

CMP Subcorridor(s): 4D, 6A

The Lloyd Street Bridge, which was constructed in 1899, served the industrial waterfront, was in poor condition and removed. This project will replace the bridge with a single span composite weathering steel plate girder bridge accommodating two twelve foot lanes with six foot shoulders and seven foot sidewalks on both sides.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	FY2033	FY2034	
CON	BOF		4,968											
CON	183		931											
CON	LOC		310											
		0	6,209	0	0	0	0	0	0	0	0	0	0	
		Total FY2023-2026			6,209		Total FY2027-2030				0		Total FY2031-2034	

MPMS# 64791 *Kedron Avenue @ Franklin SR:0420*

LIMITS At Franklin Avenue

Est Let Date: 2/16/2023

IMPROVEMENT Intersection/Interchange Improvements

NHPP: Y

MUNICIPALITIES: Ridley Township

FC: 14

AQ Code:R1

PLAN CENTER:

IPD: 15

PROJECT MANAGER: Plans/S. Hasan

CMP: Minor SOV Capacity

CMP Subcorridor(s): 5C

Existing signalization and geometry is outdated. Substandard signal head configuration and size create a safety hazard. Roadway geometry is not adequate for proper turn movements, especially for buses. Traffic movement is impacted by inability of buses to negotiate turns. Intersection is heavily used by both SEPTA Route 107 and school buses. Proposed solution would be modernization of signals and improving the turn radius at the northeast and southeast corners of the intersection. Pedestrian Hand/Man signals with countdown indicators will be provided at each crossing. Project would alleviate safety problems and enhance turning movements. Design and ROW are being advanced by the township.

This road segment is included in the Delaware County Bicycle Plan.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	FY2033	FY2034	
FD	LOC	159												
UTL	CAQ	28												
UTL	581	6												
CON	CAQ	1,671												
		1,864	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2023-2026			1,864		Total FY2027-2030				0		Total FY2031-2034	

DVRPC FY2023-2026 TIP for PA

Draft Version

Pennsylvania - Highway Program (Status: TIP)

Delaware

MPMS# 69665 South Creek Road Bridge Over Brandywine Creek SR:3101

LIMITS Over Brandywine Creek

Est Let Date: 1/12/2023

IMPROVEMENT Bridge Repair/Replacement

NHPP: N

MUNICIPALITIES: Chadds Ford Township; Pennsbury Township

FC: 17

AQ Code:S19

PLAN CENTER:

IPD: 14

PROJECT MANAGER: TSS/S. Fellin

CMP: Not SOV Capacity Adding

This project takes place on SR 3101, Section DRB, South Creek Road over Brandywine Creek in Chadds Ford Township, Delaware County and Pennsbury Township in Chester County. The project involves rehabilitating or replacing an existing poor condition and functionally obsolete C.I.P. Reinforced Concrete Arch Deck Closed Spandrel bridge. Also included are bridge approach roadway reconstruction and minor utility relocations. This road segment is included in the Delaware County Bicycle Plan, and is Bicycle PA Route L.

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	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	FY2033	FY2034		
UTL	581	27													
UTL	185	108													
CON	BRIP	4,387													
CON	BRIP		3,848												
CON	BRIP			2,848											
CON	BRIP				10,848										
		4,522	3,848	2,848	10,848	0	0	0	0	0	0	0	0		
		Total FY2023-2026			22,066	Total FY2027-2030				0	Total FY2031-2034				0

DVRPC FY2023-2026 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Delaware

MPMS# 69817 *US 322, Featherbed Lane to Chelsea Parkway (Section 102) SR:0322*

LIMITS Featherbed Lane to Chelsea Parkway

Est Let Date: 8/21/2025

IMPROVEMENT Roadway New Capacity

NHPP: Y

MRPID:50

MUNICIPALITIES: Upper Chichester Township; Bethel Township; Concord Township

FC: 14; 16

AQ Code:2045M

PLAN CENTER:

IPD: 17

PROJECT MANAGER: TSS/S. Hasan

CMP: Major SOV Capacity

CMP Subcorridor(s): 8A

This project section involves the widening and improving of SR 322 to a four-lane typical section with a median barrier from east of Mattson Road/Featherbed Lane near Clayton Park and the Concord Township/Bethel Township line through Bethel Township to just east of Chelsea Parkway in Upper Chichester Township.

The following improvements will be implemented:

- The existing two-lane section of SR 322 will be widened to 4 lanes. A fifth center lane will accommodate left turns into and out of adjacent commercial properties.
- Limited widening to the north or about the center will be done at some locations to minimize sound barriers. Retaining walls will also be constructed in this section.
- A new traffic signal will be constructed at the intersection of Garnet Mine Road and the SR 322 eastbound ramps.
- Left turns from and into Colonial Drive will be eliminated.
- The existing traffic signal at the Bethel Road Connector and left turn lanes on SR 322 will be reconstructed.
- The total estimated cost for this project section is \$184,752,570.
- The anticipated let date is August 21, 2025.
- The anticipated completion date is September 21, 2028.

See MPMS #14747 for design funding. MPMS #'s 69815, 69816, 69817, and 114034 contain construction phases for the US 322 project TEA-21 DEMO 0486 - PA ID #116 - \$13,220,615

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 2009 annual memoranda on supplemental strategies for details related to this project.

TIP Program Years (\$ 000)

Phase	Fund	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	FY2033	FY2034
ROW	NHPP	6,365											
ROW	581	1,591											
ROW	STU		1,000										
ROW	581		250										
ROW	NHPP			5,365									
ROW	581			1,341									
CON	NHPP					4,716							
CON	581					1,044							
CON	NHPP						3,091						
CON	581						772						
CON	NHPP							16,716					
CON	581							4,179					
CON	NHPP								16,716				
CON	581								4,179				
CON	NHPP									16,716			
CON	581									4,179			

DVRPC FY2023-2026 TIP for PA

Draft Version

Pennsylvania - Highway Program (Status: TIP)

Delaware

CON	STU									15,796			
CON	NHPP									920			
CON	STP									1,445			
CON	581									4,540			
CON	NHPP										16,716		
CON	581										4,179		
CON	STU											13,625	
CON	NHPP											27,271	
CON	581											10,224	
		7,956	1,250	6,706	0	5,760	3,863	20,895	20,895	20,895	22,701	20,895	51,120
Total FY2023-2026		15,912		Total FY2027-2030		51,413		Total FY2031-2034		115,611			

MPMS# 79329 *Bridgewater Road Extension*

LIMITS Concord Road to PA 452/US 322

Est Let Date: 12/11/2026

IMPROVEMENT Roadway New Capacity

NHPP: Y

MRPID:117

MUNICIPALITIES: Upper Chichester Township; Aston Township; Chester Township

FC: 14; 17

AQ Code:2035M

PLAN CENTER:

IPD: 16

PROJECT MANAGER: TSS/T. Stevenson

CMP: Major SOV Capacity

CMP Subcorridor(s): 8A

The existing Bridgewater Road (SR 3018), which currently ends in the Bridgewater Business Park west of Concord Road (SR 3007), would be extended to connect with either PA 452 or US 322 through Chester, Upper Chichester, and Aston Townships. This project would provide a more direct truck route between two industrial parks (Bridgewater Business Park and I-95 Industrial Park), I-95, and US 322. Currently, truck drivers must navigate a circuitous route (Concord and Bethel Roads) with difficult turns and drive through a low-income residential neighborhood and by a school. The residential community along Bethel Road in Chester City and Chester Township is subject to a heavy volume of truck traffic, which should be directed onto another route. The other potential truck route goes well to the north and involves an intersection which is physically constrained and difficult/impossible for truck turns. Preliminary engineering for the new road, which would be about one mile long, was begun by PennDOT in 2007 and terminated shortly thereafter. This project complements and was a breakout project of MPMS 15477 (I-95/US 322/Highland Avenue interchange).

TIP Program Years (\$ 000)

Phase	Fund	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	FY2033	FY2034
FD	STP			1,075									
FD	581			269									
ROW	STU				831								
ROW	581				208								
UTL	STU					855							
UTL	581					214							
CON	STU						3,464						
CON	581						866						
CON	STU							5,610					
CON	581							1,402					
CON	STU								8,548				
CON	581								2,137				
		0	0	1,344	1,039	1,069	4,330	7,012	10,685	0	0	0	0
Total FY2023-2026		2,383		Total FY2027-2030		23,096		Total FY2031-2034		0			

DVRPC FY2023-2026 TIP for PA

Draft Version

Pennsylvania - Highway Program (Status: TIP)

Delaware

MPMS# 84269 *Victory Avenue over SEPTA Route 100*

New

LIMITS

No Let Date

IMPROVEMENT Bridge Repair/Replacement

NHPP:

MUNICIPALITIES: Upper Darby Township

FC:

AQ Code:S19

PLAN CENTER:

IPD:

PROJECT MANAGER: TSS/T. Stevenson

CMP:

This project will replace the bridge on Victory Avenue over SEPTA (P&W) Route 100 in Delaware County.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	FY2033	FY2034	
FD	TOLL													
FD	BRIP		250											
CON	TOLL													
CON	BRIP							1,500						
		0	250	0	0	0	0	1,500	0	0	0	0	0	
		Total FY2023-2026			250	Total FY2027-2030				1,500	Total FY2031-2034			0

MPMS# 88400 *US 1, Chester County Line to Pole Cat Road*

LIMITS Delaware County

Actl Let Date: 2/19/2021

IMPROVEMENT Roadway Rehabilitation

NHPP: Y

MUNICIPALITIES:

FC: 12; 14

AQ Code:S10

PLAN CENTER:

IPD: 17

PROJECT MANAGER: Plans/S. Hasan

CMP: Not SOV Capacity Adding

CMP Subcorridor(s): 5B, 8A

Delaware County Route 1 Paving and ADA Ramp Reconstruction

		TIP Program Years (\$ 000)												
Phase	Fund	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	FY2033	FY2034	
CON	NHPP*	2,000												
		2,000	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2023-2026			2,000	Total FY2027-2030				0	Total FY2031-2034			0

DVRPC FY2023-2026 TIP for PA

Draft Version

Pennsylvania - Highway Program (Status: TIP)

Delaware

MPMS# 92323 *Wanamaker Ave o/ Darby Ck (Bridge) SR:0420*

LIMITS Delaware County - Darby Ck is border between Tinicum Township and Prospect

Est Let Date: 9/26/2022

IMPROVEMENT Bridge Repair/Replacement

NHPP: Y

MRPID:TBD

MUNICIPALITIES: Prospect Park Borough; Tinicum Township

FC: 14

AQ Code:S19

PLAN CENTER: Town Center

IPD: 15

PROJECT MANAGER: TSS/M. Saintval

CMP: Not SOV Capacity Adding

CMP Subcorridor(s): 6A

The project consists of the replacement of both the southbound bridge (BMS 23-0420-0031-0000) and the northbound bridge (BMS 23-0420-0030-0000) which carries S.R. 420 over Darby Creek between the Tinicum Township and Prospect Park Borough in Delaware County. Proposed work for the southbound structure includes full replacement of the structure (superstructure and substructure). The existing northbound bridge is a three span prestressed concrete composite adjacent box beam bridge carrying Northbound S.R. 0420 over Darby Creek. Proposed work for the northbound structure includes full replacement of the structure (superstructure and substructure). At the request of Delaware Valley Regional Planning Commission and the Clean Air Council, a Shared Use Path crossing will be constructed under the bridges adjacent to the southern abutments. This path will provide a connection to the adjacent John Heinz Wildlife Refuge. poor condition 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. This road segment is included on the Delaware County Bicycle Plan.

TIP Program Years (\$ 000)

Phase	Fund	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	FY2033	FY2034		
CON	185	890													
CON	185		2,340												
CON	581			1,777											
CON	185			2,000											
CON	185				4,109										
CON	185					14,344									
		890	2,340	3,777	4,109	14,344	0	0	0	0	0	0	0		
		Total FY2023-2026			11,116	Total FY2027-2030				14,344	Total FY2031-2034				0

DVRPC FY2023-2026 TIP for PA

Draft Version

Pennsylvania - Highway Program (Status: TIP)

Delaware

MPMS# 92324 Gov Printz Blvd o/ Conrail (Bridge)

New

LIMITS Delaware County, Tinicum Township

Est Let Date: 1/26/2023

IMPROVEMENT Bridge Repair/Replacement

NHPP:

MUNICIPALITIES: Tinicum Township

FC: 16

AQ Code:S19

PLAN CENTER:

IPD:

PROJECT MANAGER: TSS/M. Saintval

CMP:

This project involves rehabilitating or replacing the Bridge at Gov Printz Blvd over Conrail. The improvement is a breakout of MPMS #88706 for Bridge Rehabilitation in order to process federal authorization.

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	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	FY2033	FY2034	
FD	BRIP		2,000											
ROW	BRIP						400							
UTL	BRIP						1,000							
CON	BRIP						12,074							
CON	BRIP								1,426					
		0	2,000	0	0	0	0	13,474	1,426	0	0	0	0	
		Total FY2023-2026			2,000		Total FY2027-2030			14,900		Total FY2031-2034		0

MPMS# 92808 Marshall Rd o/ Cobbs Crk (Bridge)

LIMITS Between Cobbs Creek Parkway and 69th Street

Est Let Date: 12/12/2024

IMPROVEMENT Bridge Repair/Replacement

NHPP:

MUNICIPALITIES: Upper Darby Township

FC: 16

AQ Code:S19

PLAN CENTER:

IPD: 26

PROJECT MANAGER: EE/L. Link

CMP: Not SOV Capacity Adding

CMP Subcorridor(s): 10A

Bridge rehabilitation or replacement of state bridge over Cobbs Creek on Marshall Road between Cobbs Creek Parkway and 69th Street in Upper Darby Township and City of Philadelphia. poor condition 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	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	FY2033	FY2034	
FD	185	180												
FD	185	721												
ROW	185	16												
ROW	185	64												
UTL	STP	17												
UTL	185	4												
CON	BRIP						9,150							
CON	185						2,288							
		1,002	0	0	0	0	11,438	0	0	0	0	0	0	
		Total FY2023-2026			1,002		Total FY2027-2030			11,438		Total FY2031-2034		0

DVRPC FY2023-2026 TIP for PA

Draft Version

Pennsylvania - Highway Program (Status: TIP)

Delaware

MPMS# 93105 *State Rd o/Darby Creek (Bridge)*

LIMITS State Road (SR 0001) between Rolling Road and State Road(SR 2026)

Est Let Date: 6/22/2023

IMPROVEMENT Bridge Repair/Replacement

NHPP: Y

MUNICIPALITIES: Springfield Township; Upper Darby Township

FC: 14

AQ Code:S19

PLAN CENTER:

IPD: 14

PROJECT MANAGER: EE/M. Holva

CMP: Not SOV Capacity Adding

CMP Subcorridor(s): 5C

Bridge rehabilitation of State Road over Darby 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	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	FY2033	FY2034		
CON	185		2,278												
CON	185			1,742											
CON	185				1,000										
CON	185					4,000									
		0	2,278	1,742	1,000	4,000	0	0	0	0	0	0	0		
		Total FY2023-2026			5,020	Total FY2027-2030				4,000	Total FY2031-2034				0

MPMS# 95429 *US 202 and US 1 Intersection Area Improvements*

LIMITS 202/1 Intersection and Looproad

Est Let Date: 8/22/2024

IMPROVEMENT Roadway New Capacity

NHPP: Y

MRPID:123

MUNICIPALITIES: Chadds Ford Township

FC: 14

AQ Code:2030M

PLAN CENTER:

IPD: 17

PROJECT MANAGER: Gannett/P. Valliere

CMP: Major SOV Capacity

CMP Subcorridor(s): 5B, 8A

This project is in Concord and Chadds Ford Townships and involves intersection improvements to ease congestion. Improvements include pavement widening, pavement reconstruction and signal upgrades to accommodate an additional northbound US 1 travel lane through the intersection and a double left turn lane for northbound US 202. Other roadway improvements will include landscaped medians throughout the project area; eastbound and westbound left turn lanes and a signalized US 202 pedestrian crossing at the US 202/State Farm Drive/Brandywine Drive intersections; signalized pedestrian crossings at the US 1/Applied Bank Boulevard/State Farm Drive intersection; and elimination of the southbound Route 1 left turn lane at Dickinson Drive. Project CMP commitments include sidewalks, crosswalks, and enhanced bus stop areas in consultation with SEPTA. See DVRPC's 2013-2014 memorandum on supplemental strategies for details related to this project.

		TIP Program Years (\$ 000)													
Phase	Fund	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	FY2033	FY2034		
ROW	STP	152													
ROW	581	38													
UTL	STP					294									
UTL	581					73									
CON	STP					2,795									
CON	581					699									
		190	0	0	0	3,861	0	0	0	0	0	0	0		
		Total FY2023-2026			190	Total FY2027-2030				3,861	Total FY2031-2034				0

DVRPC FY2023-2026 TIP for PA

Draft Version

Pennsylvania - Highway Program (Status: TIP)

Delaware

MPMS# 98216 Michigan Ave over Little Crum Creek (CB# 210) (Bridge)

LIMITS Est Let Date: 6/22/2023
 IMPROVEMENT Bridge Repair/Replacement NHPP:
 MUNICIPALITIES: Ridley Township FC: AQ Code:S19
 PLAN CENTER: IPD: 15
 PROJECT MANAGER: TSS/GANNETT/S. New CMP: Not SOV Capacity Adding CMP Subcorridor(s): 6A

This project is a bridge rehabilitation/replacement of the County owned Michigan Avenue bridge over Little Crum Creek, which is poor condition. The bridge is posted with a 12 ton weight restriction and requires continual maintenance to remain open. Various elements of the bridge are in poor condition. The project needs are listed below: 1) Load Carrying Capacity - Eliminate the "poor condition" designation. - Accommodate school buses, local delivery vehicles and emergency vehicles. 2) Structure Integrity - - Bring the facility up to current design standards. The existing 12-ton carrying capacity restricts the type of traffic that can use the bridge. With an ADT of 6,583 vehicles per day, the bridge no longer provides the necessary community link that it once did. The bridge is a concrete slab that is in poor condition with heavy spalling revealing corroded reinforcement steel, especially near the deck drains. In addition, the substructure of the bridge is in poor condition with exposed, heavily scaled abutments. The channel rating is poor as a result of the alignment resulting in heavy scaling and pockets of undermining at the exposed north abutment. The existing safety features associated with the bridge do not meet PennDOT standards.

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	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	FY2033	FY2034
CON	183	0	0	0	0	0	0	0	0	0	0	0	0
CON	LOC	0	0	0	0	0	0	0	0	0	0	0	0
		Total FY2023-2026				Total FY2027-2030				Total FY2031-2034			
		0				0				0			

DVRPC FY2023-2026 TIP for PA

Draft Version

Pennsylvania - Highway Program (Status: TIP)

Delaware

MPMS# 98217 *Hilldale Road over Darby Creek (CB# 149) (Bridge)*

LIMITS

Est Let Date: 8/10/2023

IMPROVEMENT Bridge Repair/Replacement

NHPP:

MUNICIPALITIES: Upper Darby Township; Lansdowne Borough

FC:

AQ Code:S19

PLAN CENTER:

IPD: 18

PROJECT MANAGER: TSS/GANNETT/S. New

CMP: Not SOV Capacity Adding

CMP Subcorridor(s): 5E

This project is a bridge rehabilitation/replacement of the County owned Hilldale Road bridge over Darby Creek in Lansdowne Borough and Upper Darby Township, Delaware County.

Delaware County Bridge #149, originally built in 1928, is a 92 foot two-span reinforced concrete T-beam bridge. The County is taking proactive action by replacing Hilldale Road Bridge due to the rapid deterioration of T-beam bridges in recent years. A lightly vegetated island is located downstream of the pier, and the east downstream banks are lined with gabion baskets that extend approximately 300 feet downstream. The island is forcing the flow towards the adjacent embankment. A traffic count performed in 2009 indicates an average daily traffic (ADT) of 2,379 vehicles per day.

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	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	FY2033	FY2034
CON	183	0	0	0	0	0	0	0	0	0	0	0	0
CON	LOC												
		Total FY2023-2026				Total FY2027-2030				Total FY2031-2034			
		0				0				0			

DVRPC FY2023-2026 TIP for PA

Draft Version

Pennsylvania - Highway Program (Status: TIP)

Delaware

MPMS# 98218 **South Avenue over Muckinipattis Creek (Mulford Bridge) (CB# 142)**

LIMITS

Est Let Date: 3/2/2023

IMPROVEMENT Bridge Repair/Replacement

NHPP:

MUNICIPALITIES: Norwood Borough; Glenolden Borough

FC:

AQ Code:S19

PLAN CENTER:

IPD: 15

PROJECT MANAGER: TSS/GANNETT/S. New

CMP: Not SOV Capacity Adding

CMP Subcorridor(s): 6A

This project is a bridge rehabilitation/replacement of the County owned South Avenue Bridge over Muckinipattis Creek (Mulford Bridge) in Glenolden and Norwood Boroughs, Delaware County.

Built in 1927, the existing South Avenue Bridge is a single span reinforced concrete slab bridge. The parapets over the structure are forty-inch high pigeonhole parapets with forty-inch high solid concrete parapets over the wing walls. The concrete structure has an overall span length of 20 feet with a weight restriction of 13 tons, except combinations of 24 tons. The bridge carries two lanes of traffic over Muckinipattis Creek and has a curb-to-curb width of 32 feet with 7' sidewalks on both the upstream and downstream sides. South Avenue approaching the structure has a 32 foot wide cartway with 6-inch curb and 4-foot sidewalk between Ridgeway Ave and Chester Pike (SR 13). There is existing sidewalk along South Avenue on the downstream side of the structure providing pedestrian access to Chester Pike, the sidewalk on the upstream side of the structure ends at the limits of the parapet wall.

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	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	FY2033	FY2034
CON	183	0	0	0	0	0	0	0	0	0	0	0	0
CON	LOC	0	0	0	0	0	0	0	0	0	0	0	0
Total FY2023-2026		0				Total FY2027-2030				0			
Total FY2031-2034		0											

DVRPC FY2023-2026 TIP for PA

Draft Version

Pennsylvania - Highway Program (Status: TIP)

Delaware

MPMS# 99668 PA 291 Drainage Improvement

LIMITS Between Crum Creek and Darby Creek

Est Let Date: 1/26/2023

IMPROVEMENT Roadway Rehabilitation

NHPP:

MUNICIPALITIES: Ridley Park Borough; Tinicum Township; Eddystone Borough

FC:

AQ Code:X13

PLAN CENTER:

IPD: 17

PROJECT MANAGER: Plans/S. Hasan

CMP: Not SOV Capacity Adding

CMP Subcorridor(s): 2D, 4C, 6A

This project will fund drainage improvements on PA 291 from the bridge over Crum Creek to the bridge over Darby Creek, including the installation of new inlets and pipes, and construction of ditches to alleviate the existing flooding of the roadway. The existing pavement will be milled and overlaid. Base repairs will be completed as necessary to repair damage to the roadway from previous flooding.

		TIP Program Years (\$ 000)													
Phase	Fund	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	FY2033	FY2034		
FD	581	796													
ROW	581	85													
UTL	581	56													
CON	STU		3,234												
CON	581		808												
CON	STU			3,234											
CON	581			808											
		937	4,042	4,042	0	0	0	0	0	0	0	0	0		
		Total FY2023-2026			9,021	Total FY2027-2030				0	Total FY2031-2034				0

DVRPC FY2023-2026 TIP for PA

Draft Version

Pennsylvania - Highway Program (Status: TIP)

Delaware

MPMS# 103217 **Main Street Grade Crossing**

LIMITS Between 5th and 7th Streets

Est Let Date: 1/12/2023

IMPROVEMENT Intersection/Interchange Improvements

NHPP: N

MUNICIPALITIES: Darby Borough

FC:

AQ Code:S8

PLAN CENTER: Town Center

IPD: 25

PROJECT MANAGER: Gannett/M. McGuire

CMP: Not SOV Capacity Adding

CMP Subcorridor(s): 6A

The Main Street-CSX rail line grade crossing (US DOT #140641S) in Darby Borough needs to be updated and may include improvements such as new gates, lights, traffic signals (if warranted), drainage, and improvements to the crossing surface and roadway for all users at and around the grade crossing. This grade crossing currently poses significant safety concerns as it accommodates train traffic from a major interstate freight line throughout the day, vehicular traffic from two roads (Main St. and Sixth St.), and pedestrian traffic from nearby schools and retail establishments. Adding to the crossing's complexity is SEPTA's trolley route 11 that operates within the Main St. cartway and bisects the freight rail line (with trolley stops located on both sides of the grade crossing). The grade crossing was the subject of a two phase study conducted by DVRPC and overseen by a broad-based steering committee (see DVRPC publication #11012 and #12014).

This project was selected from the 2015 Pennsylvania Statewide Rail-Highway Grade Crossing Program for \$337,653 RRX funds.

		TIP Program Years (\$ 000)													
Phase	Fund	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	FY2033	FY2034		
CON	TOLL														
CON	RRX	369													
CON	STU	2,172													
CON	STP	1,193													
CON	TOLL														
CON	STU		1,000												
CON	TOLL														
CON	STU			2,000											
		3,734	1,000	2,000	0	0	0	0	0	0	0	0	0		
		Total FY2023-2026			6,734	Total FY2027-2030				0	Total FY2031-2034				0

DVRPC FY2023-2026 TIP for PA

Draft Version

Pennsylvania - Highway Program (Status: TIP)

Delaware

MPMS# 103521 *Reed Road over Whetstone Run (CB #36)*

New

LIMITS

No Let Date

IMPROVEMENT Bridge Repair/Replacement

NHPP:

MUNICIPALITIES: Marple Township

FC:

AQ Code:S19

PLAN CENTER:

IPD:

PROJECT MANAGER:

CMP:

The project will involve the rehabilitation or replacement of the bridge that carries Reed Road over Whetstone Run, located in Marple Township, Delaware County. The bridge was constructed in 1962. It is anticipated that the bridge will be replaced on the existing alignment with minimal approach work to tie back into existing conditions. Pedestrian/Bike facilities on bridge to connect Darby Creek Trail with trail system proposed in County park on Don Guanella tract.

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	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	FY2033	FY2034		
PE	185					450									
FD	185						350								
ROW	BRIP									75					
UTL	BRIP								50						
CON	STP						3,025								
CON	BRIP										2,000				
		0	0	0	0	450	3,375	0	50	75	2,000	0	0		
		Total FY2023-2026				0	Total FY2027-2030				3,875	Total FY2031-2034			2,075

DVRPC FY2023-2026 TIP for PA

Draft Version

Pennsylvania - Highway Program (Status: TIP)

Delaware

MPMS# 103528 *Mattson Road over the West Branch of the Chester Creek*

New

LIMITS

No Let Date

IMPROVEMENT Bridge Repair/Replacement

NHPP:

MUNICIPALITIES: Chester Heights Borough

FC:

AQ Code:S19

PLAN CENTER:

IPD:

PROJECT MANAGER: TSS/RKK/C. Carmichael

CMP:

This project is for the bridge rehabilitation or replacement of the Mattson Road bridge spanning over the West Branch of the Chester Creek in Chester Heights Borough, Delaware County.

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

This project is a \$5 fee matching funds (sSTP) project.

		TIP Program Years (\$ 000)																			
Phase	Fund	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	FY2033	FY2034								
FD	TOLL																				
FD	sSTP	300																			
ROW	TOLL																				
ROW	sSTP	20																			
UTL	TOLL																				
UTL	sSTP	15																			
CON	TOLL																				
CON	sSTP		1,315																		
		335	1,315	0	0	0	0	0	0	0	0	0	0								
		Total FY2023-2026		1,650		Total FY2027-2030				0				Total FY2031-2034				0			

DVRPC FY2023-2026 TIP for PA

Draft Version

Pennsylvania - Highway Program (Status: TIP)

Delaware

MPMS# 104343 US 322 over CSX (Bridge)

LIMITS I-95 Interchange to PA 452 Interchange

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Upper Chichester Township

PLAN CENTER:

PROJECT MANAGER: TSS/S. Hasan

CMP: Not SOV Capacity Adding

NHPP:
FC:

Est Let Date: 4/13/2023

MRPID:50

AQ Code:S19

IPD: 16

CMP Subcorridor(s): 8A

Replacement of the bridge carrying SR 322 over CSX and Bethel Road as well as improvements to the Bethel Road Interchange.

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	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	FY2033	FY2034	
CON	TOLL													
CON	NHPP	12,099												
CON	TOLL													
CON	NHPP		10,263											
CON	TOLL													
CON	NHPP			2,099										
CON	STP			10,000										
CON	TOLL													
CON	BRIP				6,659									
CON	NHPP				2,561									
CON	TOLL													
CON	BRIP					4,715								
		12,099	10,263	12,099	9,220	4,715	0	0	0	0	0	0	0	
		Total FY2023-2026			43,681	Total FY2027-2030				4,715	Total FY2031-2034			0

DVRPC FY2023-2026 TIP for PA

Draft Version

Pennsylvania - Highway Program (Status: TIP)

Delaware

MPMS# 104879 *Cheyney Road Bridge Replacement*

LIMITS Est Let Date: 9/26/2024
IMPROVEMENT Bridge Repair/Replacement **NHPP:**
MUNICIPALITIES: **FC:** **AQ Code:**S19
PLAN CENTER: **IPD:**
PROJECT MANAGER: Plans/S. Hasan **CMP:** Not SOV Capacity Adding

This project involves the replacement of the state-owned bridge located on Cheyney Road over a branch of the Chester Creek in Thornbury Township, Delaware County. The existing bridge, built in 1931, is a one-span reinforced concrete slab structure with a span length of 10 feet. The bridge is two lanes wide with no shoulders or sidewalk. The existing structure will be replaced, and guiderail, traffic signs, and delineators will be installed as required.

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	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	FY2033	FY2034
FD	185	113											
ROW	STU	67											
ROW	185	17											
UTL	185				49								
CON	STU				492								
CON	185				123								
		197	0	0	664	0	0	0	0	0	0	0	0
		Total FY2023-2026				Total FY2027-2030				Total FY2031-2034			
		861				0				0			

MPMS# 107642 *Smithbridge Road Corridor*

LIMITS Smithbridge Road in Concord Township Est Let Date: 6/23/2022
IMPROVEMENT Intersection/Interchange Improvements **NHPP:**
MUNICIPALITIES: Concord Township **FC:** **AQ Code:**2025M
PLAN CENTER: **IPD:**
PROJECT MANAGER: EE/DVRPC/J. Natale **CMP:** Minor SOV Capacity **CMP Subcorridor(s):** 8A

Construction of 8 ft. multi-use trail along Smithbridge Rd. connecting residential neighborhoods and Garnet Valley School District campuses. Project includes intersection improvements at district campuses. A roundabout will be installed at Smithbridge Rd. and Temple Rd.

		TIP Program Years (\$ 000)											
Phase	Fund	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	FY2033	FY2034
ROW	HSIP	52											
CON	HSIP	1,000											
CON	CAQ	1,843											
		2,895	0	0	0	0	0	0	0	0	0	0	0
		Total FY2023-2026				Total FY2027-2030				Total FY2031-2034			
		2,895				0				0			

DVRPC FY2023-2026 TIP for PA

Draft Version

Pennsylvania - Highway Program (Status: TIP)

Delaware

MPMS# 108910 *I-95 Noise Abatement*

LIMITS Highland Avenue to Ridley Creek (I-95 Corridor)

Est Let Date: 12/14/2028

IMPROVEMENT Other

NHPP:

MRPID:230

MUNICIPALITIES: Chester City; Chester Township

FC:

AQ Code:X6

PLAN CENTER:

IPD: 26

PROJECT MANAGER: Gannett/M. McGuire

CMP: Not SOV Capacity Adding

CMP Subcorridor(s): 4D

This project is located along I-95 between US 322 and I-476 in the City of Chester and Chester Township, Delaware County and involves the evaluation of potential noise abatement locations. The preliminary phase will include modeling to assess noise reduction benefits to residential areas, and coordination with the municipalities and residents to arrive at a list of priority recommendations for implementation. The selection of locations to receive noise abatement will be based on areas that will realize noise level reductions, benefit the most residents, and can be constructed within funding availability. Preliminary design and environmental evaluations will be completed for the selected locations.

		TIP Program Years (\$ 000)											
Phase	Fund	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	FY2033	FY2034
FD	581	1,591											
ROW	581	796											
UTL	STU			573									
UTL	581			143									
CON	581			2,271									
CON	581				8,107								
CON	581					1,979							
CON	581						8,332						
CON	581							8,548					
		2,387	0	2,987	8,107	1,979	8,332	8,548	0	0	0	0	0
		Total FY2023-2026			13,481	Total FY2027-2030			18,859	Total FY2031-2034			0

MPMS# 110951 *Macdade Blvd. Corridor Safety Improvements*

LIMITS Fairview to Ashland

Est Let Date: 10/19/2023

IMPROVEMENT Intersection/Interchange Improvements

NHPP:

MUNICIPALITIES: Ridley Township; Glenolden Borough

FC:

AQ Code:2025M

PLAN CENTER:

IPD:

PROJECT MANAGER: Traff/A. Patel

CMP: Minor SOV Capacity

CMP Subcorridor(s): 6A

Road diet from Woodcrest Rd. to Grays Ave.; left turn lanes at Milmont, Swarthmore, Amosland, & Holmes; right turn lanes at Fairview, Morton, Monta Vista, Kedron, & South; modify left turn phases from Fairview to Ashland; modernize signals along corridor with interconnect & fiber optic.

		TIP Program Years (\$ 000)											
Phase	Fund	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	FY2033	FY2034
CON	sHSIP		2,796										
		0	2,796	0	0	0	0	0	0	0	0	0	0
		Total FY2023-2026			2,796	Total FY2027-2030			0	Total FY2031-2034			0

DVRPC FY2023-2026 TIP for PA

Draft Version

Pennsylvania - Highway Program (Status: TIP)

Delaware

MPMS# 111022 Chichester Avenue Corridor Safety Improvements

LIMITS Laughead Ave. to Bethel/Thornton Rd.

Est Let Date: 7/13/2023

IMPROVEMENT Signal/ITS Improvements

NHPP:

MUNICIPALITIES: Upper Chichester Township

FC:

AQ Code:2025M

PLAN CENTER:

IPD:

PROJECT MANAGER: Traff/A. Patel

CMP: Minor SOV Capacity

CMP Subcorridor(s): 8A

Chichester Avenue Corridor Safety Improvements include (1) the intersection of Bethel Road/Thornton Road – convert pedestal mounted signal to mast arm to improve visibility and (2) the intersections of Pleasant Ave./I-95 Ramp C and Johnson Ave./I-95 Ramp A/B – improve multimodal safety, using the Intersection Control Evaluation process, by converting the two-way stop controlled intersections to roundabouts pending the concurrence from the township.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	FY2033	FY2034	
FD	sHSIP	36												
CON	sHSIP	849												
		885	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2023-2026			885	Total FY2027-2030				0	Total FY2031-2034			0

MPMS# 111486 Octoraro Trail Construction - Phase 1

LIMITS State Route 202 to Temple Road

Est Let Date: 6/22/2023

IMPROVEMENT Bicycle/Pedestrian Improvement

NHPP:

MRPID:97

MUNICIPALITIES: Concord Township

FC:

AQ Code:A2

PLAN CENTER:

IPD:

PROJECT MANAGER: EE/DVRPC/J. Natale

CMP: Not SOV Capacity Adding

CMP Subcorridor(s): 5B, 8A

Funding for this project will pay for the construction of Phase 1A of the multi-use Octoraro Trail in Concord Township from State Route 202 to Temple Road in Concord Township

		TIP Program Years (\$ 000)												
Phase	Fund	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	FY2033	FY2034	
CON	TAP	663												
CON	TAP		500											
		663	500	0	0	0	0	0	0	0	0	0	0	
		Total FY2023-2026			1,163	Total FY2027-2030				0	Total FY2031-2034			0

DVRPC FY2023-2026 TIP for PA

Draft Version

Pennsylvania - Highway Program (Status: TIP)

Delaware

MPMS# 111487 *Walkable Chadds Ford*

LIMITS US 1 to Village of Chadds Ford at S Creek Rd & Station Way Rd/N Creek Rd

Est Let Date: 3/17/2022

IMPROVEMENT Bicycle/Pedestrian Improvement

NHPP:

MUNICIPALITIES: Chadds Ford Township

FC:

AQ Code:A2

PLAN CENTER:

IPD:

PROJECT MANAGER: EE/DVRPC/J. Banks

CMP: Not SOV Capacity Adding

CMP Subcorridor(s): 5A

Funding is for the development of a multi-use trail extending from the Township Municipal Complex on the south side of U.S. Route 1 to the Village of Chadds Ford at South Creek Road and Station Way Road/North Creek Road (using SRTS funding) in Chadds Ford Township.

TIP Program Years (\$ 000)														
Phase	Fund	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	FY2033	FY2034	
CON	TAP													
		1,000												
		1,000	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2023-2026			1,000		Total FY2027-2030			0		Total FY2031-2034		0

MPMS# 111488 *Media Borough Ridge Road Stormwater Improvements*

LIMITS

Est Let Date: 12/16/2021

IMPROVEMENT Bicycle/Pedestrian Improvement

NHPP:

MUNICIPALITIES: Media Borough

FC:

AQ Code:X9

PLAN CENTER:

IPD:

PROJECT MANAGER: EE/DVRPC/D. Snyder

CMP: Not SOV Capacity Adding

CMP Subcorridor(s): 2C, 5C, 5D

This project will install three Best Management practices (BMP) Green Infrastructure projects and enhance existing conveyance pipes to reduce flooding in north Media, making streets and sidewalks safer and improving the local water quality.

The project will take place in the north tip of Media Borough, from the intersection of N. Providence Road (SR 252) and Ridge Road, west on Ridge Road to N. Olive Street, and south on Olive to Eighth Street.

TIP Program Years (\$ 000)														
Phase	Fund	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	FY2033	FY2034	
CON	TAP													
		400												
		400	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2023-2026			400		Total FY2027-2030			0		Total FY2031-2034		0

DVRPC FY2023-2026 TIP for PA

Draft Version

Pennsylvania - Highway Program (Status: TIP)

Delaware

MPMS# 113251 *Highland Avenue Railroad Preemption*

LIMITS State Route 291 and Highland Avenue

No Let Date

IMPROVEMENT Transit Improvements

NHPP:

MUNICIPALITIES: Chester City

FC:

AQ Code:S1

PLAN CENTER:

IPD:

PROJECT MANAGER: MAL/M. Lang

CMP: Not SOV Capacity Adding

This project will install a preemption system between the traffic signal at PA 291 and Highland Avenue in the City of Chester. This project is part of the statewide Highway-Rail Grade Crossing Program.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	FY2033	FY2034	
CON	TOLL													
CON	RRX		200											
		0	200	0	0	0	0	0	0	0	0	0	0	
		Total FY2023-2026			200		Total FY2027-2030				0		Total FY2031-2034	

DVRPC FY2023-2026 TIP for PA

Draft Version

Pennsylvania - Highway Program (Status: TIP)

Delaware

MPMS# 114034 US 322: Chelsea Parkway to Market St. Interchange (Section 103)

LIMITS Chelsea Parkway to Market St. Interchange

Est Let Date: 2/16/2023

IMPROVEMENT Roadway New Capacity

NHPP:

MRPID:50

MUNICIPALITIES:

FC:

AQ Code:2035M

PLAN CENTER:

IPD:

PROJECT MANAGER: TSS/M. Saintval

CMP: Major SOV Capacity

CMP Subcorridor(s): 8A

This project involves widening and improving SR 322 to a four lane typical section with a median from Chelsea Parkway to the Market Street Interchange in Upper Chichester Township. The existing two lane section of SR 322 will be widened to four lanes with exclusive left turn lanes to accommodate left turns at the Cherry Tree Road / SR 3016 intersection. Auxiliary right turn lanes will be provided at multiple intersections. The Cherry Tree Road / SR 3016 intersection will be reconfigured and reconstructed including a new traffic signal, turn lanes, and realignment of Bethel Avenue. The existing four lane section from Cherry Tree Road to the Market Street interchange will be improved. The Market Street interchange will be reconstructed to a partial cloverleaf interchange including two new traffic signals and improvements made to Market Street.

- The total estimated cost for this project section is \$80,000,000 in 2019 dollars).
- To make use of the available right of way, the Market Street interchange will be reconfigured as a partial cloverleaf configuration, including two new traffic signals.
- The anticipated let date is February 2022
- The anticipated completion date is October 31, 2026.

TIP Program Years (\$ 000)

Phase	Fund	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	FY2033	FY2034
CON	STU	4,008											
CON	581	1,002											
CON	NHPP		4,000										
CON	581		1,000										
CON	NHPP			9,008									
CON	581			2,252									
CON	STU				5,600								
CON	STP				8,400								
CON	581				2,100								
CON	581				1,250								
CON	STP					2,628							
CON	STU					3,380							
CON	581					1,502							
CON	NHPP						5,000						
CON	581						1,250						
CON	NHPP							12,000					
CON	581							3,000					
CON	NHPP								18,008				
CON	581								4,502				
		5,010	5,000	11,260	17,350	7,510	6,250	15,000	22,510	0	0	0	0
		Total FY2023-2026		38,620		Total FY2027-2030		51,270		Total FY2031-2034			0

DVRPC FY2023-2026 TIP for PA

Draft Version

Pennsylvania - Highway Program (Status: TIP)

Delaware

MPMS# 114102 *West Chester Pk & 476 (Competitive CMAQ)*

LIMITS West Chester Pike & I-476

Est Let Date: 1/26/2023

IMPROVEMENT Intersection/Interchange Improvements

NHPP:

MUNICIPALITIES: Marple Township; Haverford Township

FC:

AQ Code:R1

PLAN CENTER:

IPD:

PROJECT MANAGER: Gannett/P. Valliere

CMP:

The improvements involve the delineation of an additional westbound lane on West Chester Pike that will carry traffic through the signalized intersection of South Lawrence Road. The lane will be separated from the other travel lanes such that it will not be controlled by the traffic signal, and will be free-flowing onto the I-476 Northbound On-Ramp.

Funding for this project will be drawn down from the Competitive CMAQ Line Item (MPMS# 48201) at the appropriate time.

		TIP Program Years (\$ 000)											
Phase	Fund	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	FY2033	FY2034
CON	CAQ												
		0	0	0	0	0	0	0	0	0	0	0	0
		Total FY2023-2026			0	Total FY2027-2030			0	Total FY2031-2034			0

MPMS# 114112 *Media Bypass ITS (Competitive CMAQ)*

LIMITS Media bypass (Route 1) corridor in Delaware County

No Let Date

IMPROVEMENT Signal/ITS Improvements

NHPP:

MUNICIPALITIES: Marple Township; Media Borough; Upper Providence Township; Middl **FC:**

AQ Code:2030M

PLAN CENTER:

IPD:

PROJECT MANAGER: TSS/M. Fausto

CMP:

The purpose of this project is to help reduce congestion, improve traffic flow and reduce emissions along the Route 1 corridor by adding ITS elements to the corridor. This project proposes the following work: equipping traffic signals with communication equipment to allow for Unified Command and Control, deployment of CCTV, DMS and Travel Time Detection and the installation of fiber optic cable to expand PennDOT's existing fiber communications network. The project proposes to install 19 CCTVs, 5 DMS, 10 Travel Time Detectors, 6.5 miles of fiber optic cable along with upgrading 33 signalized intersections to allow for unified command and control. The Section of PA Route 252 within the project area will equip 6 signalized traffic signals with hardware to allow for unified command and control and construct a dedicated left-turn lane from Route 252 onto the Media Bypass.

Funding for this project will be drawn down from the Competitive CMAQ Line Item (MPMS# 48201) at the appropriate time.

		TIP Program Years (\$ 000)											
Phase	Fund	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	FY2033	FY2034
CON	CAQ												
		0	0	0	0	0	0	0	0	0	0	0	0
		Total FY2023-2026			0	Total FY2027-2030			0	Total FY2031-2034			0

DVRPC FY2023-2026 TIP for PA

Draft Version

Pennsylvania - Highway Program (Status: TIP)

Delaware

MPMS# 115426 *Haverford Road Corridor Safety Improvements*

LIMITS Landover Road to County Line Road

Est Let Date: 1/11/2024

IMPROVEMENT Intersection/Interchange Improvements

NHPP:

MUNICIPALITIES: Haverford Township

FC:

AQ Code:S2

PLAN CENTER:

IPD:

PROJECT MANAGER:

CMP: Minor SOV Capacity

CMP Subcorridor(s): 7B

The proposed scope of this project include:

- Road Diet of Haverford Road from Landover Road (SR 1001) to Karakung Road/Winchester Road
- Addition of two-way left-turn lane from Landover Road (SR 1001) to Karakung Road/Winchester Road
- Addition of exclusive left-turn lane(s) on Haverford Road (SR 1001) at the following intersections:
 - o Landover Road (2 LTLs)
 - o Buck Lane (2 LTLs)
 - o Hathaway Lane (1 LTL)
 - o Loraine Street (1 LTL)
 - o Eagle Road (2 LTLs)
- Modification of left turn signal phasing at the following intersections:
 - o Landover Road (2 approaches)
 - o Buck Lane (2 approaches)
 - o College Avenue (2 approaches)
 - o Ardmore Avenue (1 approach)
 - o Eagle Road (2 approaches)
 - o Karakung Road (1 approach)
- Installation of dynamic signal warning flashers at the following intersections:
 - o Buck Lane (1 approach)
 - o College Avenue (1 approach)
 - o Ardmore Avenue (1 approach)
 - o Eagle Road (1 approach)
- Installation of actuated advance warning dilemma zone protection system for Haverford Road (SR 1001) at the following intersections:
 - o Landover Road
 - o Buck Lane
 - o College Avenue
 - o Ardmore Avenue
 - o Hathaway Lane
 - o Loraine Street
 - o Eagle Road
 - o Karakung Road

		TIP Program Years (\$ 000)												
Phase	Fund	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	FY2033	FY2034	
FD	HSIP	102												
CON	HSIP		2,101											
		102	2,101	0	0	0	0	0	0	0	0	0	0	
		Total FY2023-2026	2,203		Total FY2027-2030				0	Total FY2031-2034				0

DVRPC FY2023-2026 TIP for PA

Draft Version

Pennsylvania - Highway Program (Status: TIP)

Delaware

MPMS# 115427 *Lansdowne Avenue Corridor Safety Improvements*

LIMITS Darby Borough Line to Marshall Road

Est Let Date: 3/2/2023

IMPROVEMENT Intersection/Interchange Improvements

NHPP:

MUNICIPALITIES: Yeadon Borough; Darby Borough; Lansdowne Borough

FC:

AQ Code:S6

PLAN CENTER:

IPD:

PROJECT MANAGER:

CMP: Minor SOV Capacity

CMP Subcorridor(s): 5E

The proposed scope of this project include:

- Installation of retroreflective backplates on signals
- Addition of pedestrian countdown timers at signalized intersections
- Installation of additional lighting at the following intersections:
 - o Mercy Fitzgerald Hospital
 - o Baily Road
 - o Providence Road
 - o Stewart Avenue
 - o Greenwood Avenue
 - o Essex Avenue
 - o Plumstead Avenue
 - o Marshall Road
- Coordination of arterial signals at the following intersections:
 - o Mercy Fitzgerald Hospital
 - o Baily Road
 - o Providence Road
 - o Baltimore Avenue
 - o Stewart Avenue
 - o Greenwood Avenue
 - o Essex Avenue
 - o Plumstead Avenue
 - o Marshall Road
- Installation of mast arms for each approach at the following intersections:
 - o Stewart Avenue
 - o Greenwood Avenue
 - o Marshall Road
- Installation of raised crosswalks at Stewart Avenue
- Installation of high visibility crosswalk and rapid flashing beacon at Lansdowne Theater

		TIP Program Years (\$ 000)												
Phase	Fund	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	FY2033	FY2034	
FD	HSIP	144												
CON	HSIP	2,149												
		2,293	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2023-2026			2,293	Total FY2027-2030				0	Total FY2031-2034			0

DVRPC FY2023-2026 TIP for PA

Draft Version

Pennsylvania - Highway Program (Status: TIP)

Delaware

MPMS# 115872 *4th AvenueRR WD*

New

LIMITS Between Powhattan Ave. and Massasoit Ave.

No Let Date

IMPROVEMENT Intersection/Interchange Improvements

NHPP:

MUNICIPALITIES: Tincum Township

FC:

AQ Code:S8

PLAN CENTER:

IPD:

PROJECT MANAGER: MAL/M. Lang

CMP:

This project is for the installation of railroad warning devices on 4th Avenue, in Tincum Township, between Powhattan Avenue and Massasoit Avenue.

TIP Program Years (\$ 000)																
Phase	Fund	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	FY2033	FY2034			
CON	TOLL															
CON	RRX							335								
		0	0	0	0	0	0	335	0	0	0	0	0			
Total FY2023-2026		0				Total FY2027-2030				335				Total FY2031-2034		0

MPMS# 115873 *Wanamaker Street Railroad Warning Device*

New

LIMITS Between 3rd Street and SR 291

No Let Date

IMPROVEMENT Intersection/Interchange Improvements

NHPP:

MUNICIPALITIES: Tincum Township

FC:

AQ Code:S8

PLAN CENTER:

IPD:

PROJECT MANAGER: MAL/M. Lang

CMP:

This project is for the Installation of railroad warning devices on Wanamaker Street, in Tincum Township, between 3rd Street and SR 291.

TIP Program Years (\$ 000)																
Phase	Fund	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	FY2033	FY2034			
CON	RRX															
CON	TOLL							360								
		0	0	0	0	0	0	360	0	0	0	0	0			
Total FY2023-2026		0				Total FY2027-2030				360				Total FY2031-2034		0

DVRPC FY2023-2026 TIP for PA

Draft Version

Pennsylvania - Highway Program (Status: TIP)

Delaware

MPMS# 115874 *Jansen Avenue Railroad Warning Device*

New

LIMITS Between 4th Street and SR 291

No Let Date

IMPROVEMENT Intersection/Interchange Improvements

NHPP:

MUNICIPALITIES: Tinicum Township

FC:

AQ Code:S8

PLAN CENTER:

IPD:

PROJECT MANAGER: MAL/M. Lang

CMP:

This project is for the installation of railroad warning devices on Jansen Avenue, between 4th Street and SR 291 in Tinicum Township, Delaware County.

TIP Program Years (\$ 000)																					
Phase	Fund	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	FY2033	FY2034								
CON	TOLL																				
CON	RRX						325														
		0	0	0	0	0	325	0	0	0	0	0	0								
Total FY2023-2026		0				Total FY2027-2030				325				Total FY2031-2034				0			

MPMS# 118006 *Ridley Creek Road over Branch of Ridley Creek*

New

LIMITS

No Let Date

IMPROVEMENT Bridge Repair/Replacement

NHPP:

MUNICIPALITIES: Upper Providence Township

FC:

AQ Code:S19

PLAN CENTER:

IPD:

PROJECT MANAGER: TSS/T. Stevenson

CMP:

This project involves rehabilitating or replacing the Bridge at Ridley Creek Road over Branch of Ridley 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	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	FY2033	FY2034								
FD	TOLL																				
FD	BRIP		250																		
CON	TOLL																				
CON	BRIP						500														
		0	250	0	0	0	0	500	0	0	0	0	0								
Total FY2023-2026		250				Total FY2027-2030				500				Total FY2031-2034				0			

DVRPC FY2023-2026 TIP for PA

Draft Version

Pennsylvania - Highway Program (Status: TIP)

Delaware

MPMS# 118029 *Bethel Roundabout*

New

LIMITS Concord and Foulk- Concord and Chelsea/Valleybrook

No Let Date

IMPROVEMENT Intersection/Interchange Improvements

NHPP:

MUNICIPALITIES: Bethel Township

FC:

AQ Code:2035M

PLAN CENTER:

IPD:

PROJECT MANAGER: TSS/M. Saintval

CMP:

Reconfigure the intersection to accommodate a roundabout to address the congestion at the intersection of Concord/Chelsea/Valleybrook/Foulk Rd Intersection.

TIP Program Years (\$ 000)														
Phase	Fund	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	FY2033	FY2034	
PE	STU		250											
FD	STP									150				
ROW	STP											320		
UTL	STP											300		
CON	STP												2,750	
		0	250	0	0	0	0	0	0	0	150	620	2,750	
		Total FY2023-2026			250	Total FY2027-2030				0	Total FY2031-2034			3,520

MPMS# 118030 *Bryn Mawr Ave Extension*

New

LIMITS

No Let Date

IMPROVEMENT Roadway New Capacity

NHPP:

MUNICIPALITIES: Newtown Township

FC:

AQ Code:2035M

PLAN CENTER:

IPD:

PROJECT MANAGER: Gannett/B. Masi

CMP:

The scope of this project will provide a loop road to divert traffic from the intersection of PA 252 and PA 3.

TIP Program Years (\$ 000)														
Phase	Fund	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	FY2033	FY2034	
PE	STU		400											
FD	581					400								
CON	581										6,623			
		0	400	0	0	400	0	0	0	0	6,623	0	0	
		Total FY2023-2026			400	Total FY2027-2030				400	Total FY2031-2034			6,623

Total For Delaware	2023	2024	2025	2026	2023-2026	2027-2030	2031-2034
	\$64,707	\$55,368	\$58,938	\$62,470	\$241,483	\$244,345	\$208,910