

# DVRPC FY2021-2024 TIP for PA

Final Version

## Pennsylvania - Highway Program (Status: TIP)

### Bucks

MPMS# 12923 *Bristol Road Extension SR:2025*

LIMITS: US 202 to Park Avenue

Est Let Date: 12/8/2022

IMPROVEMENT Roadway New Capacity

NHPP:

MRPID:119

MUNICIPALITIES: Chalfont Borough; New Britain Borough; New Britain Township

FC: 16

AQ Code:2035M

PLAN CENTER: Town Center

IPD: 14

PROJECT MANAGER: HNTB/N. Velaga

CMP: Major SOV Capacity

CMP Subcorridor(s): 8G, 12B

Provide a two lane extension of Bristol Road from Business Route 202 to Park Avenue. When completed, this improvement will provide a two-lane bypass around Chalfont Borough which will eliminate trips on Business Route 202 and turning movements at the Business Route 202/PA 152 intersection. Project may involve relocation of SEPTA siding track, a bridge across the wetlands, widening the intersection at Bristol Road and Business Route 202 to provide right and left turning lanes, providing maintenance of traffic during construction, redesigning traffic signals and rail road crossing gates at Business Route 202 and Bristol Road extension and coordination with SEPTA.

Project CMP (Congestion Management Process) commitments include sidewalks, signal and intersection improvements, turning movement enhancements, and coordination with SEPTA. See DVRPC's 2016-2017 memorandum on supplemental strategies for details related to this project.

		TIP Program Years (\$ 000)											
Phase	Fund	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032
FD	581	2,122											
ROW	STP					237							
ROW	581					215							
UTL	STP						689						
UTL	581						172						
CON	581									326			
CON	581										3,827		
CON	581										7,639		
CON	581												8,366
		2,122	0	0	0	452	861	0	0	326	11,466	0	8,366
		Total FY2021-2024			2,122	Total FY2025-2028			1,313	Total FY2029-2032			20,158

# DVRPC FY2021-2024 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

## Bucks

MPMS# 12931 *Worthington Mill Rd Br (Bridge)*

LIMITS: NORTHAMPTON & WRIGHTSTOWN TWPS

Est Let Date: 7/15/2021

IMPROVEMENT Bridge Repair/Replacement

NHPP:

MUNICIPALITIES: Northampton Township; Wrightstown Township

FC: 17

AQ Code:S19

PLAN CENTER:

IPD: 14

PROJECT MANAGER: EE/J. Arena

CMP: Not SOV Capacity Adding

This project involves bridge rehabilitation or replacement of state bridge over the Neshaminy Creek on Worthington Mill Road between Swamp Road and Twining Bridge Road in Northampton and Wrightstown Townships. It is a 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	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	
ROW	STP	236												
ROW	185	58												
UTL	STP	244												
UTL	185	60												
CON	185		1,148											
CON	185			3,000										
CON	185				5,000									
		598	1,148	3,000	5,000	0	0	0	0	0	0	0	0	
		Total FY2021-2024			9,746	Total FY2025-2028				0	Total FY2029-2032			0

# DVRPC FY2021-2024 TIP for PA

Final Version

## Pennsylvania - Highway Program (Status: TIP)

### Bucks

MPMS# 12965      *Lawn Avenue SR:4033*

LIMITS: Maple Avenue to Farmers Lane

Est Let Date: 10/21/2021

IMPROVEMENT Roadway Rehabilitation

NHPP:

MUNICIPALITIES: Sellersville Borough; West Rockhill Township

FC: 17

AQ Code:S10

PLAN CENTER: Town Center

IPD: 17

PROJECT MANAGER: Plans/S. Hasan

CMP: Not SOV Capacity Adding

CMP Subcorridor(s): 14G

Reconstruct roadway, curbs, sidewalks, and walls. Construct new sidewalk and curbs in areas currently without them. Perform a minor relocation of one horizontal curve. Install new drainage facilities as required. Relocate affected water and sanitary sewer lines as required. A portion of the roadway from Noble St to Maple Ave is proposed to be turned back to the borough upon completion of the project. Upon completion of the project sidewalk will be in place from Grandview Hospital to the borough center.

### TIP Program Years (\$ 000)

Phase	Fund	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	
FD	STU	324												
FD	581	81												
ROW	STU	371												
ROW	581	93												
UTL	TOLL													
UTL	STU	1,613												
UTL	TOLL													
UTL	STU		403											
CON	581		1,208											
CON	581			7,826										
CON	581				100									
CON	581					6,888								
		<b>2,482</b>	<b>1,611</b>	<b>7,826</b>	<b>100</b>	<b>6,888</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
		<b>Total FY2021-2024</b>			<b>12,019</b>	<b>Total FY2025-2028</b>				<b>6,888</b>	<b>Total FY2029-2032</b>			<b>0</b>

# DVRPC FY2021-2024 TIP for PA

## Pennsylvania - Highway Program (Status: TIP)

### Bucks

**MPMS# 13014**      *Clay Ridge Road Bridge Over Beaver Creek (CB #30)*

**LIMITS:** Over Beaver Creek

Est Let Date: 9/15/2021

**IMPROVEMENT** Bridge Repair/Replacement

**NHPP:**

**MUNICIPALITIES:** Tincum Township

**FC:**

AQ Code:S19

**PLAN CENTER:**

IPD: 11

**PROJECT MANAGER:** TSS/GANNETT/S. New

**CMP:** Not SOV Capacity Adding

Reconstruction of a 1909 reinforced concrete arch bridge located in Tincum Township. The bridge is 25 feet long and is identified as County Bridge #30.

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	
ROW	BOF	54												
ROW	183	10												
ROW	LOC	3												
UTL	BOF	63												
UTL	183	12												
UTL	LOC	4												
CON	BOF		592											
CON	183		111											
CON	LOC		37											
CON	BOF			1,592										
CON	183			297										
CON	LOC			99										
		<b>146</b>	<b>740</b>	<b>1,988</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
		<b>Total FY2021-2024</b>			<b>2,874</b>	<b>Total FY2025-2028</b>				<b>0</b>	<b>Total FY2029-2032</b>			<b>0</b>

# DVRPC FY2021-2024 TIP for PA

## Pennsylvania - Highway Program (Status: TIP)

### Bucks

**MPMS# 13240**      *Old Bethlehem Road Bridge Over Kimples Creek SR:4101*

**LIMITS:** Over Kimples Creek

Est Let Date: 7/15/2021

**IMPROVEMENT** Bridge Repair/Replacement

**NHPP:** N

**MUNICIPALITIES:** Haycock Township

**FC:** 7

AQ Code:S19

**PLAN CENTER:**

IPD: 12

**PROJECT MANAGER:** Plans/S. Hasan

**CMP:** Not SOV Capacity Adding

The project consists of replacing 16' wide weight restricted 13 ton posted bridge over Kimples Creek with a 28' wide bridge with two 11' lanes and 3' shoulders on new alignment. Due to the impacts on emergency services, a temporary roadway and bridge would be required and due to the impacts of the temporary facilities on the wetlands constructing the bridge on a new alignment is the most feasible alternative. As part of the project a wetlands mitigation site will be constructed to mitigate the impacts to the existing wetlands. The existing bridge is posted for 13 tons, shows signs of rapid deterioration, is only 1 lane wide, and has only 111 feet of stopping sight distance. Additionally the horizontal alignment of Old Bethlehem Road north and south of the bridge consists of a series of sharp horizontal curves with substandard sight distance and radii. There is evidence of utility poles being struck.

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
CON	STU	3,819											
CON	185	955											
		<b>4,774</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
		<b>Total FY2021-2024</b>		<b>4,774</b>		<b>Total FY2025-2028</b>		<b>0</b>		<b>Total FY2029-2032</b>		<b>0</b>	

# DVRPC FY2021-2024 TIP for PA

## Pennsylvania - Highway Program (Status: TIP)

### Bucks

**MPMS# 13440**      **Allentown Road and PA 663 Bridges (2) Over Licking Creek SR:0663**

**LIMITS:** Over Licking Creek

Est Let Date: 2/17/2022

**IMPROVEMENT** Bridge Repair/Replacement

**NHPP:** Y

**MUNICIPALITIES:** Milford Township

**FC:** 14; 16; 17

AQ Code:S19

**PLAN CENTER:**

IPD: 13

**PROJECT MANAGER:** TSS/H. Freed

**CMP:** Minor SOV Capacity

CMP Subcorridor(s): 14G

The project includes the replacement of 2 bridges: one carrying PA 663 over Unami Creek, and one carrying Allentown Road Bridge over Licking Creek. The replacement of the PA 663 Bridge over Unami Creek will be designed for sufficient width to accommodate staged traffic control during construction of the roadway widening. The structure will also be designed to be able to accommodate structural and hydraulic considerations for future widening to a five-lane section. This project also includes the widening of Allentown Road at the S.R. 0663 intersection to accommodate a two-lane section with a left turn lane on the southbound approach as well as the turning movement requirements for the WB-50 design vehicle with the minimum approach work possible. The northbound approach will be designed for a minimum two-lane section with the possibility of a left turn lane investigated; the replacement of the existing traffic signal equipment at the PA 663 intersection with Allentown Road and revisions to the traffic signal phasing and timing to improve operational inefficiencies, and the reconstruction of the existing pavement within the project limits.

All work on PA 663 and Allentown Road will be reduced in length from the original design to that which is necessary to meet required left turn lane and taper lengths and hydraulic considerations for the Unami Creek Bridge and Licking Creek Bridge. It is anticipated that approximately 2,420 feet of PA 663 and approximately 600 feet of Allentown Road will be reconstructed.

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		
CON	NHPP		4,371												
CON	185		1,093												
CON	STU			4,371											
CON	185			1,093											
		0	5,464	5,464	0	0	0	0	0	0	0	0	0		
		<b>Total FY2021-2024</b>			<b>10,928</b>	<b>Total FY2025-2028</b>				<b>0</b>	<b>Total FY2029-2032</b>				<b>0</b>

# DVRPC FY2021-2024 TIP for PA

## Pennsylvania - Highway Program (Status: TIP)

### Bucks

**MPMS# 13549** *US 1 (Bridges) Design (Section 03S) SR:0001*

**LIMITS:** PA 413 - PA Turnpike

No Let Date

**IMPROVEMENT** Roadway New Capacity

**NHPP:** Y

MRPID:37

**MUNICIPALITIES:** Bensalem Township; Middletown Township

**FC:** 12; 14

AQ Code:2025M

**PLAN CENTER:**

IPD: 12

**PROJECT MANAGER:** TSS/S. Hasan

**CMP:** Major SOV Capacity

CMP Subcorridor(s): 4A, 5I

This is the design parent for a roadway reconstruction and widening and bridge improvement project that involves 5.3 miles of roadway, four (4) interchanges, ten (10) bridge structures and six (6) retaining walls. The project includes the addition of a third through travel lane in each direction between the Street Road interchange and the Pennel interchange (Business Route 1) and the addition, modification, or upgrading of auxiliary lanes in each direction for the S.R. 8017 (Street Road), S.R. 8019 (PA Turnpike), S.R. 8055 (Neshaminy/Rockhill Drive), and S.R. 8067 (Pennel/Business Route 1) interchanges. The project includes improvements at the Street Road, the PA Turnpike and the Neshaminy (Rockhill Drive) interchanges to coordinate with proposed development as well as the investigation into pedestrian walkways and transit stops along Rockhill Drive. Also included in the project are guide rail upgrades, drainage improvements, signage improvements, additional traffic signalization along with evaluation of existing signal timings, and noise wall evaluation throughout the project limits.

The proposed structure improvements include the replacement of eight (8) bridges, rehabilitation of one (1) bridge, the removal of one (1) bridge, the construction of six (6) retaining walls and the potential construction of two (2) noise walls. The bridges to be replaced are those which carry S.R. 0001 over S.R. 0132 (Street Road) (1B), I-0276 (the PA Turnpike) (9B), the PA Turnpike (Ramps I and J) (2B), S.R. 2044 (Rockhill Drive) (4B), Neshaminy Creek (5B), and Business Route 1 (6B) and the CSX and SEPTA rail lines. The bridge which carries S.R. 2025 (Bristol Road) over Route 1 (10B) and the bridge that carries West Interchange Road over S.R. 0001 (11B) are also to be replaced. The bridge that is to be removed (3B) currently carries S.R. 0001 (Route 1) over a closed private access road. The rehabilitated bridge carries S.R. 0001 over Highland Ave. (S.R. 2008).

See MPMS 93444, 93445, and 93446 for the construction sections.

The reconstruction and widening project minimizes impacts to the community by avoiding archaeological resources at Neshaminy Creek while improving safety and mobility. Additionally, this alternative avoids historic resources such as the Philadelphia Water Company, the Roosevelt Cemetery and the Railroad.

Project CMP (Congestion Management Process) commitments are currently under development.

		TIP Program Years (\$ 000)											
Phase	Fund	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032
FD	STU	2,376											
FD	581	594											
		<b>2,970</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
		<b>Total FY2021-2024</b>		<b>2,970</b>		<b>Total FY2025-2028</b>				<b>0</b>			
						<b>Total FY2029-2032</b>				<b>0</b>			

# DVRPC FY2021-2024 TIP for PA

## Pennsylvania - Highway Program (Status: TIP)

### Bucks

**MPMS# 13635** *Oxford Valley Road/Lincoln Highway Intersection Improvements SR:2029*

**LIMITS:** At US 1 and Bristol/Levittown Parkway

Est Let Date: 6/9/2022

**IMPROVEMENT** Intersection/Interchange Improvements

**NHPP:**

**MUNICIPALITIES:** Falls Township; Middletown Township

**FC:** 16; 17

AQ Code:R1

**PLAN CENTER:** Suburban Center

IPD: 19

**PROJECT MANAGER:** EE/J. Brown

**CMP:** Minor SOV Capacity

CMP Subcorridor(s): 4A, 5I

Intersection improvements, including the addition of turn lanes from Oxford Valley Road onto Route 1, and the realignment of Levittown Parkway.

		TIP Program Years (\$ 000)														
Phase	Fund	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032			
FD	STP		787													
FD	581		197													
ROW	581				5,474											
UTL	581				15											
CON	STU					1,934										
CON	581					483										
CON	STU						6,000									
CON	581						1,500									
		0	984	0	5,489	0	2,417	7,500	0	0	0	0	0			
<b>Total FY2021-2024</b>		<b>6,473</b>			<b>Total FY2025-2028</b>				<b>9,917</b>				<b>Total FY2029-2032</b>		<b>0</b>	

**MPMS# 13716** *Headquarters Road Bridge Over Tincum Creek SR:1012*

**LIMITS:** Over Tincum Creek

Est Let Date: 4/23/2020

**IMPROVEMENT** Bridge Repair/Replacement

**NHPP:** N

**MUNICIPALITIES:** Tincum Township

**FC:** 8

AQ Code:S19

**PLAN CENTER:**

IPD: 11

**PROJECT MANAGER:** HNTB/N. Velaga

**CMP:** Not SOV Capacity Adding

This project involves rehabilitating or replacing the Headquarters Road Bridge over Tincum Creek in Tincum Township, Bucks County. This bridge is poor condition, functionally obsolete, and currently closed to traffic due to its deteriorated condition. The bridge is a contributing resource to the Ridge Valley Rural Historic District which is listed in the National Register of Historic Places. A final alternative for bridge rehabilitation or replacement is determined upon completion of the review process required by the National Environmental Policy Act (NEPA) and its supporting regulations.

The existing structure is an 80' long, three-span concrete-encased steel stringer bridge with stone masonry abutments and piers over Tincum Creek. No utility conflicts are anticipated.

		TIP Program Years (\$ 000)														
Phase	Fund	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032			
CON	BOF	363														
CON	TOLL															
CON	BOF		2,299													
CON	TOLL															
CON	TOLL															
CON	BOF				1,742											
		363	2,299	1,742	0	0	0	0	0	0	0	0	0			
<b>Total FY2021-2024</b>		<b>4,404</b>			<b>Total FY2025-2028</b>				<b>0</b>				<b>Total FY2029-2032</b>		<b>0</b>	



# DVRPC FY2021-2024 TIP for PA

## Pennsylvania - Highway Program (Status: TIP)

### Bucks

**MPMS# 13727** *Bristol Road Intersection Improvements SR:2025*

**LIMITS:** PA 513/Hulmeville Road to Old Lincoln Highway

Est Let Date: 4/23/2020

**IMPROVEMENT** Intersection/Interchange Improvements

**NHPP:** N

**MUNICIPALITIES:** Bensalem Township

**FC:** 16

AQ Code:R1

**PLAN CENTER:**

IPD: 18

**PROJECT MANAGER:** HNTB/G. Gumas

**CMP:** Minor SOV Capacity

CMP Subcorridor(s): 4A, 5I, 12A

The proposed roadway widening project is an approximately a 2.3 mile section of SR 2025 (Bristol Road) and the typical section will include two 11-foot travel lanes, an 11-foot center left-turn lane and 2-foot shoulders. The proposed shoulder improvements will be full-depth installations. Resurfacing of the existing roadway is proposed throughout the project limits. Secondary roads access Bristol Road by way of both signalized and non-signalized intersections. Signalized intersections with Bristol Road include: Old Lincoln Highway, Grandview Avenue/Neshaminy Mall entrance, Galloway Road/Elfin Avenue, Third Avenue/Richlieu Road, Bensalem Boulevard and Pasqualone Boulevard. Reconstruction is proposed for each signal, including ADA ramps and pedestrian signals. Included in the intersection improvements are additional left and right turning lanes throughout the corridor consisting of left turn lanes at the intersections of Bristol Road at Old Lincoln Highway and Richlieu Road; right turn lanes at the intersections of Bristol Road at Old Lincoln Highway, Neshaminy Boulevard, Galloway Road and Richlieu Road. Land use along Bristol Road is primarily commercial and mixed residential. Additional improvements include the re-alignment of Bristol Road at the intersection of Third Avenue/Richlieu Road to improve the horizontal alignment of the segment for improved sight distance.

There are existing sidewalks within the project limits and will be replaced in-kind upon any impacts due to the widening. New sidewalks and ADA ramps are proposed along the corridor from Neshaminy Mall to Richlieu Road. As a result of the improvements to SR 2025, approximately 65 parcels will be affected by either required ROW takes and/or temporary easements throughout the limits of the project. Also, included under this project are several tracks of land identified to be deeded to PennDOT from Bensalem Township.

The project limits overlap a private development that is proposed along the Westside of Bristol Road directly across from Bensalem Boulevard. This work has been completed under an HOP contract by a private development entity.

**TIP Program Years (\$ 000)**

Phase	Fund	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	
CON	STU*	1,409												
CON	STP*		1,443											
CON	STU*		1,095											
CON	STP*			2,243										
CON	STU*			2,000										
		<b>1,409</b>	<b>2,538</b>	<b>4,243</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
		<b>Total FY2021-2024</b>			<b>8,190</b>	<b>Total FY2025-2028</b>				<b>0</b>	<b>Total FY2029-2032</b>			<b>0</b>

# DVRPC FY2021-2024 TIP for PA

## Pennsylvania - Highway Program (Status: TIP)

### Bucks

**MPMS# 17918** *I-95, Transit Improvements/FLEX (Cornwells Heights)*

**LIMITS:** Cornwells Heights Shuttle Bus Operations

No Let Date

**IMPROVEMENT** Intersection/Interchange Improvements

**NHPP:** Y

MRPID:65

**MUNICIPALITIES:** Various

**FC:**

AQ Code:M1

**PLAN CENTER:**

IPD: 18

**PROJECT MANAGER:** AECOM/P. Shultes

**CMP:** Not SOV Capacity Adding

CMP Subcorridor(s): 4B, 12A

In Philadelphia and Bucks Counties, funds will be used for the continuation of SEPTA's shuttle bus operations between the Cornwells Heights SEPTA Station and adjacent PENNDOT Park and Ride lot. This service serves as a CMP (Congestion Management Process) commitment for I-95 reconstruction projects.

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

		TIP Program Years (\$ 000)														
Phase	Fund	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032			
CON	STP	529														
CON	LOC	132														
CON	STP		529													
CON	LOC		132													
		<b>661</b>	<b>661</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>			
		<b>Total FY2021-2024</b>			<b>1,322</b>				<b>Total FY2025-2028</b>				<b>0</b>			
						<b>Total FY2029-2032</b>				<b>0</b>						

**MPMS# 36475** *Mill St. Grade Xing*

**LIMITS:** Quakertown Borough

No Let Date

**IMPROVEMENT** Intersection/Interchange Improvements

**NHPP:**

**MUNICIPALITIES:** Quakertown Borough

**FC:**

AQ Code:S8

**PLAN CENTER:**

IPD:

**PROJECT MANAGER:** MAL/M. Lang

**CMP:** Not SOV Capacity Adding

CMP Subcorridor(s): 14G

This project will upgrade RRX Warning Devices.

		TIP Program Years (\$ 000)															
Phase	Fund	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032				
CON	RRX				230												
		<b>0</b>	<b>0</b>	<b>0</b>	<b>230</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>				
		<b>Total FY2021-2024</b>				<b>230</b>				<b>Total FY2025-2028</b>				<b>0</b>			
						<b>Total FY2029-2032</b>				<b>0</b>							

# DVRPC FY2021-2024 TIP for PA

Final Version

## Pennsylvania - Highway Program (Status: TIP)

### Bucks

**MPMS# 49315** *Portzer Road Roundabout SR:6309*

**LIMITS:** Route 663 to Route 309

Est Let Date: 11/5/2020

**IMPROVEMENT** Intersection/Interchange Improvements

**NHPP:**

MRPID:118

**MUNICIPALITIES:** Milford Township; Richland Township

**FC:** 17

AQ Code:NRS

**PLAN CENTER:**

IPD: 14

**PROJECT MANAGER:** TSS/T. Stevenson

**CMP:** Minor SOV Capacity

CMP Subcorridor(s): 14C

This project involves construction of a roundabout at the intersection of Portzer Road (T-354) with SR 4063 (Old Bethlehem Pike) in Milford and Richland Townships, Bucks County.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	
CON	TOLL													
CON	STP		1,696											
		0	1,696	0	0	0	0	0	0	0	0	0	0	
		<b>Total FY2021-2024</b>			1,696	<b>Total FY2025-2028</b>				0	<b>Total FY2029-2032</b>			0

**MPMS# 50634** *County Line Road Restoration (M04)(3R) SR:2038*

**LIMITS:** Kulp Road to PA 611

Est Let Date: 1/30/2020

**IMPROVEMENT** Roadway Rehabilitation

**NHPP:** Y

MRPID:34

**MUNICIPALITIES:** Horsham Township; Warrington Township

**FC:** 14

AQ Code:S10

**PLAN CENTER:**

IPD: 18

**PROJECT MANAGER:** Gannett/B. Rasiul

**CMP:** Minor SOV Capacity

CMP Subcorridor(s): 12B

This is a 3R project from Kulp Road to PA 611 and is approximately 2.8 miles in length. The existing roadway consists of two 10' lanes and intermittent shoulders that vary from 2' to 12'. The proposed roadway will consist of milling and overlay and widening to provide two 11' lanes and 5' shoulders. A left turn lane southbound at Titus Ave. will be added. Existing sidewalk and curb is intermittent and will remain/replaced in-kind. One bridge will be replaced and will match the roadway cross section. This project will be coordinated with MPMS #64779.

Typical components of a "3R" project include base repair, milling, overlay, resurfacing, drainage improvements, signal modernization, and guiderail improvements. The intent of a "3R" project is to make improvements necessary to bring the road up to current standards.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	
CON	STU*	1,482												
CON	581	370												
		1,852	0	0	0	0	0	0	0	0	0	0	0	
		<b>Total FY2021-2024</b>			1,852	<b>Total FY2025-2028</b>				0	<b>Total FY2029-2032</b>			0

# DVRPC FY2021-2024 TIP for PA

## Pennsylvania - Highway Program (Status: TIP)

### Bucks

MPMS# 57619      *Route 313 Corridor Improvements SR:0313*

LIMITS: Ferry Road to Broad Street

Est Let Date: 2/11/2021

IMPROVEMENT Intersection/Interchange Improvements

NHPP: Y

MUNICIPALITIES: New Britain Township; Plumstead Township

FC: 14

AQ Code:R1

PLAN CENTER:

IPD: 15

PROJECT MANAGER: Gannett/M. McGuire

CMP: Minor SOV Capacity

This project includes corridor improvements along PA 313 (Swamp Road). Project provides for intersection improvements (left turn lanes) at PA 313 and Ferry Road. A center left turn lane will be provided for the length of the project. Two bridges will be reconstructed.

SAFETEA DEMO #2662, PA ID# 466 - \$1.6 MILLION

		TIP Program Years (\$ 000)											
Phase	Fund	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032
UTL	NHPP	360											
UTL	581	90											
CON	581		1,000										
CON	581			3,000									
CON	581				2,230								
CON	581					2,360							
CON	581						7,000						
		<b>450</b>	<b>1,000</b>	<b>3,000</b>	<b>2,230</b>	<b>2,360</b>	<b>7,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
		<b>Total FY2021-2024</b>			<b>6,680</b>	<b>Total FY2025-2028</b>			<b>9,360</b>	<b>Total FY2029-2032</b>			<b>0</b>

# DVRPC FY2021-2024 TIP for PA

## Pennsylvania - Highway Program (Status: TIP)

### Bucks

MPMS# 64778 State Road SR:2002

LIMITS: Elm Street to Neshaminy Creek

Est Let Date: 10/15/2024

IMPROVEMENT Roadway Rehabilitation

NHPP:

MRPID:TBD

MUNICIPALITIES: Bristol Township

FC:

AQ Code:S10

PLAN CENTER:

IPD: 14

PROJECT MANAGER: EE/J. Brown

CMP: Not SOV Capacity Adding

The project is located in Croydon, within Bristol Township, Bucks County. The scope of the project entails full depth pavement reconstruction for approximately 2.2 miles of SR 2002 (State Road) from the bridge crossing the Neshaminy Creek (eastern abutment) to the intersection with SR 0413 (New Rodgers Road).

The main purpose of the State Road Rehabilitation Project is to repair/replace the existing deteriorated pavement and to improve stormwater drainage. Curbing (to control and provide safe access and manage drainage), shoulder widening, addition of left turn lanes at State Road and Cedar Avenue (SR 2011) and traffic signal upgrades are also proposed.

Specifically, the existing 11-foot travel lanes will be widened to a 14-foot eastbound lane and a 12-foot westbound lane/8-foot parking lane (curb both directions) for the western 1.6 miles. Further east, the roadway will be widened to a 12-foot lane with 8-foot shoulder each direction. Adjustments to cross slopes and vertical profile will improve drainage.

### TIP Program Years (\$ 000)

Phase	Fund	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032
ROW	STU	849											
ROW	581	212											
UTL	581									430			
UTL	581									1,720			
CON	581									5,241			
CON	581									5,519			
CON	581												15,446
		1,061	0	0	0	0	0	0	0	12,910	0	0	15,446
		Total FY2021-2024			1,061	Total FY2025-2028			0	Total FY2029-2032			28,356

# DVRPC FY2021-2024 TIP for PA

## Pennsylvania - Highway Program (Status: TIP)

### Bucks

**MPMS# 64781** *Swamp Road/Pennswood Road Bridge Over Branch of Neshaminy Creek SR:2036*

**LIMITS:** Over Branch of Neshaminy Creek

Est Let Date: 4/22/2022

**IMPROVEMENT** Bridge Repair/Replacement

**NHPP:** N

**MUNICIPALITIES:** Newtown Township

**FC:** 16

AQ Code:S19

**PLAN CENTER:**

IPD: 14

**PROJECT MANAGER:** EE/J. Arena

**CMP:** Not SOV Capacity Adding

This project involves the rehabilitation of a single span concrete non-composite adjacent box beam bridge carrying S.R. 2036 (Swamp Road) over an unnamed tributary to Neshaminy Creek in Newtown Township, Bucks County, PA. The bridge is located between the entrance to the Nob Hill Residential Development and the western entrance to the Bucks County Community College. The Historic Temora Farm Property is located on the north side of the bridge and roadway and the Tyler Run State Park is on the south side. Stone retaining walls extend east and west of the existing bridge along the northern side of the roadway. A driveway is located northeast of the bridge providing access to the Temora Farm. A small structure integral with the walls along the roadway carries this driveway over a branch of the creek.

The superstructure of the existing bridge was replaced with a non-composite superstructure under an emergency contract in 2007. The existing bridge has a single 28 foot span and a clear roadway width of 23.5 feet.

This proposed project will rehabilitate the existing non-composite bridge superstructure with the installation of composite bridge deck maintaining the existing 23.5 clear roadway width. The existing stone masonry walls northwest and northeast of the bridge will be replaced. The Temora Farm driveway drainage structure will be replaced in conjunction with the wall replacement.

The goal of this project is to complete the work described above with as minimal disturbance to the surrounding area as possible. In order to achieve this goal, the horizontal and vertical alignment of the bridge will be maintained. Roadway reconstruction will be limited to immediate roadway within the limits of the approach to rehabilitated bridge deck and to new walls and driveway drainage structure. Guide rail, signing, and pavement markings will be updated as well. During construction, traffic will be maintained utilizing a detour.

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	293													
FD	185		285												
ROW	185		704												
UTL	STP	103													
UTL	185	26													
CON	185		2,121												
		<b>422</b>	<b>3,110</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>		
		<b>Total FY2021-2024</b>			<b>3,532</b>	<b>Total FY2025-2028</b>				<b>0</b>	<b>Total FY2029-2032</b>				<b>0</b>

# DVRPC FY2021-2024 TIP for PA

## Pennsylvania - Highway Program (Status: TIP)

### Bucks

**MPMS# 69823**      *Rosedale Rd o/ Br Unami Creek*

**LIMITS:** Rosedale Rd in Milfrod Twp

No Let Date

**IMPROVEMENT** Bridge Repair/Replacement

**NHPP:**

**MUNICIPALITIES:** Milford Township

**FC:**

AQ Code:S19

**PLAN CENTER:**

IPD:

**PROJECT MANAGER:** Plans/S. Hasan

**CMP:** Not SOV Capacity Adding

This project is in Bucks County, Milford Township, on Rosedale Road (SR 4059) over a Branch of Unami Creek. The project involves two bridges on Rosedale Road (SR 4059) that are approximately 350 -feet apart. The first bridge is a single span reinforced concrete slab structure with a span length of 13- feet (BARKY 7433). The second bridge is a single span reinforced concrete stringer/girder structure with a span length of 29-feet (BARKY 7434).

The project involves the removal and replacement of the first bridge (BARKEY 7433), rehabilitation or replacement of the second bridge (BARKY 7434), reconstruction of the approach roadways and the roadway between the two structures, drainage improvements as needed, and installation of new guide rail 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	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	
PE	185	106												
FD	185	186												
ROW	185	95												
UTL	185	37												
CON	185		1,912											
		<b>424</b>	<b>1,912</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
		<b>Total FY2021-2024</b>			<b>2,336</b>	<b>Total FY2025-2028</b>				<b>0</b>	<b>Total FY2029-2032</b>			<b>0</b>

# DVRPC FY2021-2024 TIP for PA

## Pennsylvania - Highway Program (Status: TIP)

### Bucks

**MPMS# 74827** *Delaware Canal Enhancement*

**LIMITS:** Over Brock Creek, Yardley to Bristol Boroughs

Est Let Date: 6/18/2020

**IMPROVEMENT** Streetscape

**NHPP:**

**MUNICIPALITIES:** Bristol Borough; Yardley Borough

**FC:**

AQ Code:X12

**PLAN CENTER:**

IPD: 14

**PROJECT MANAGER:** HNTB/N. Velaga

**CMP:** Not SOV Capacity Adding

CMP Subcorridor(s): 4A

The proposed structure will be a single span pre-stressed concrete adjacent box beam bridge for the Aqueduct and a pre-stressed concrete adjacent box beam bridge for the Tow Path.

The existing Delaware Canal Aqueduct and Tow Path Bridge are located over Brock Creek in Delaware Canal State Park, Yardley Borough. The Delaware Canal runs in a northwest to southwest direction through Yardley, almost parallel to Main Street. The Aqueduct is just northwest of the crossing of S.R. 332/Afton Avenue and carries the Delaware Canal over Brock Creek. At the project location, the Delaware River flows parallel to the Delaware Canal approximately 1000 feet northeast of the site.

The existing Aqueduct is a single span reinforced concrete u-slab, having a 24-inch depth, with reinforced concrete abutments and wingwalls. The existing tow path bridge is a single span reinforced concrete arch located on the same substructure as the aqueduct, although it appears to have been constructed at different times. Both of the structures have a clear span of 27.3' and are located on a skew of approximately 61° to Brock Creek. The structures of interest are located in a very flood prone location. It is believed that the low under clearance and short span of the existing aqueduct coupled with debris further reducing the hydraulic opening is the primary reason for flooding.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	
CON	STU	1,504												
		1,504	0	0	0	0	0	0	0	0	0	0	0	
		<b>Total FY2021-2024</b>			1,504	<b>Total FY2025-2028</b>				0	<b>Total FY2029-2032</b>			0

**MPMS# 78516** *Bridge Replacement Brownsville Road*

**LIMITS:** Brownsville Road over Neshaminy Creek

Est Let Date: 1/28/2021

**IMPROVEMENT** Bridge Repair/Replacement

**NHPP:**

**MUNICIPALITIES:**

**FC:** 17

AQ Code:S19

**PLAN CENTER:**

IPD: 16

**PROJECT MANAGER:** EE/J. Arena

**CMP:** Not SOV Capacity Adding

CMP Subcorridor(s): 5I

This project involves rehabilitating or replacing the Bridge at Brownsville Road over Neshaminy Creek. 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	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	
CON	185	3,236												
CON	581	548												
CON	185		3,112											
		3,784	3,112	0	0	0	0	0	0	0	0	0	0	
		<b>Total FY2021-2024</b>			6,896	<b>Total FY2025-2028</b>				0	<b>Total FY2029-2032</b>			0



# DVRPC FY2021-2024 TIP for PA

Final Version

## Pennsylvania - Highway Program (Status: TIP)

### Bucks

**MPMS# 86244** *River Road at Golden Pheasant over Delaware Canal*

**LIMITS:** Est Let Date: 3/31/2022  
**IMPROVEMENT** Bridge Repair/Replacement **NHPP:**  
**MUNICIPALITIES:** Tincum Township **FC:** AQ Code:S19  
**PLAN CENTER:** IPD: 11  
**PROJECT MANAGER:** Gannett/B. Rasiul **CMP:** Not SOV Capacity Adding

This project will provide for the rehabilitation or replacement of the River Road Bridge over the Delaware Canal in Tincum Township, Bucks County, a Decade of Investment bridge (DOI #2067). The River Road Bridge is poor condition and based on the most recent inspection in November 2016 its condition continues to deteriorate. As a result of this inspection, the bridge's posted weight was lowered to 15 tons and repairs were made to abutments and guide rail barrier.

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	661												
ROW	185	298												
UTL	185	132												
CON	581		1,136											
CON	185			2,849										
CON	185			1,151										
		<b>1,091</b>	<b>1,136</b>	<b>4,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
		<b>Total FY2021-2024</b>			<b>6,227</b>	<b>Total FY2025-2028</b>				<b>0</b>	<b>Total FY2029-2032</b>			<b>0</b>

**MPMS# 86923** *PA 309, Sellersville Bypass, Resurfacing (PM1)*

**LIMITS:** Church Road to Tollgate Road Est Let Date: 8/8/2019  
**IMPROVEMENT** Roadway Rehabilitation **NHPP:** Y  
**MUNICIPALITIES:** Hatfield Township; Hilltown Township; Richland Township; West Rock **FC:** 2; 12; 14; 16; 17 AQ Code:S10  
**PLAN CENTER:** IPD: 19  
**PROJECT MANAGER:** TSS/M. Fausto **CMP:** Not SOV Capacity Adding CMP Subcorridor(s): 14G

This project includes the resurfacing, concrete patching, saw and seal, repair or upgrade guiderail, mile post sign repair and replacement, and pavement marker installation, drainage and safety signage of approximately 17.34 segment miles (both sides).

		TIP Program Years (\$ 000)												
Phase	Fund	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	
CON	NHPP*	2,000												
CON	NHPP*		5,992											
CON	NHPP*			5,965										
		<b>2,000</b>	<b>5,992</b>	<b>5,965</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
		<b>Total FY2021-2024</b>			<b>13,957</b>	<b>Total FY2025-2028</b>				<b>0</b>	<b>Total FY2029-2032</b>			<b>0</b>

# DVRPC FY2021-2024 TIP for PA

## Pennsylvania - Highway Program (Status: TIP)

### Bucks

**MPMS# 88083**      **Stoopville Road Improvements - Phase 2**

**LIMITS:** SR 532 to SR 413

Est Let Date: 1/28/2021

**IMPROVEMENT** Intersection/Interchange Improvements

**NHPP:** N

**MUNICIPALITIES:** Lower Makefield Township; Newtown Township; Upper Makefield Tow **FC:** 16; 17

AQ Code:S7

**PLAN CENTER:**

IPD: 15

**PROJECT MANAGER:** Gannett/B. Rasiul

**CMP:** Minor SOV Capacity

This project will construct multiple pedestrian and roadway improvements along Durham Rd, (S.R. 0413), Stoopville Rd, (S.R. 2028), Eagle Rd. (a township road), Washington Crossing Rd. (S.R. 0532), and Highland Rd. (a township road) from the Stoopville Rd./Durham Rd. (S.R. 0413) intersection to the village of Dolington along Washington Crossing Rd. (S.R. 0532). Proposed improvements include:

- (1) Traffic control and gateway signs and painting of stop bars along Washington Crossing Rd. from the Washington Crossing Rd./Dolington Rd. intersection to village of Dolington;
- (2) 6' wide pedestrian walking path along the north side of Stoopville Road from east of Rosefield Drive to Eagleton Farms Road/Hemlock Drive; along the south side of Stoopville Road from Eagleton Farms Road/ Hemlock Drive to Eagle Road; continuing along the west side of Eagle Road to Marigold Drive; along the north side of Stoopville Road from Creamery Road to the intersection of Stoopville Road/Washington Crossing Road; and continuing along the north side of Washington Crossing Road to Highland Road will be completed; the pedestrian walkway will require the extension of an existing pipe culvert beneath Stoopville Rd. between Highland Rd. and Creamery Rd. to allow the walking path to cross over the tributary;
- (3) Decorative crosswalks and ADA-compliant curb ramps at 3 intersections: (1) Eagleton Farms Rd./Stoopville Rd.; (2) Stoopville Rd./Washington Crossing Rd.; and (3) Highland Rd./Washington Crossing Rd.;
- (4) New traffic signal and widening at the Durham Rd./Stoopville Rd. intersection to provide a left turn lane at the Durham Rd./Stoopville Rd. intersection for vehicles traveling on southbound Durham Rd. to eastbound Stoopville Rd.;
- (5) Modification to the existing signal at the Highland Rd./Washington Crossing Rd. intersection to accommodate a right-turn lane on Highland Rd. and improvements that will provide for both left and right turn lanes for vehicles travelling southbound on Highland Rd. to Washington Crossing Rd.;
- (6) Relocation of utility poles.

The first phase (S.R. 2028, Section ECF) was constructed in June 2010 (see MPMS #84096). This project has \$254,000 earmark funds remaining from a 2008 Appropriations Bill (PA ID #710).

		TIP Program Years (\$ 000)												
Phase	Fund	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	
CON	SXF	269												
CON	TOLL													
CON	STP	1,982												
		<b>2,251</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
		<b>Total FY2021-2024</b>			<b>2,251</b>	<b>Total FY2025-2028</b>				<b>0</b>	<b>Total FY2029-2032</b>			<b>0</b>

# DVRPC FY2021-2024 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

## Bucks

MPMS# 90327 River Rd o/ Trib Delaware (Bridge)

LIMITS: Solebury Township, Bucks County

Est Let Date: 5/21/2020

IMPROVEMENT Bridge Repair/Replacement

NHPP:

MUNICIPALITIES: Solebury Township

FC: 6

AQ Code:S19

PLAN CENTER:

IPD: 16

PROJECT MANAGER: Davies/L. Fullard

CMP: Not SOV Capacity Adding

This project involves bridge rehabilitation or replacement of state bridge over a Tributary of the Delaware River on River Road between Laurel Road and Paxson Road in Solebury Township. It is a 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	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032
CON	STU									1,513			
		0	0	0	0	0	0	0	0	1,513	0	0	0
		Total FY2021-2024			0	Total FY2025-2028			0	Total FY2029-2032			1,513

# DVRPC FY2021-2024 TIP for PA

## Pennsylvania - Highway Program (Status: TIP)

### Bucks

**MPMS# 93444**      **Route 1 Improvement-South (Section RC1)**

**LIMITS:** S.R. 0001 (Route 1) - S.R. 2037 (Old Lincoln Highway) to North of PA Turnpike

Actl Let Date: 7/26/2018

**IMPROVEMENT** Roadway New Capacity

**NHPP:** Y

MRPID:37

**MUNICIPALITIES:** Bensalem Township

**FC:** 12; 14; 16

AQ Code:2025M

**PLAN CENTER:**

IPD: 18

**PROJECT MANAGER:** TSS/S. Hasan

**CMP:** Major SOV Capacity

CMP Subcorridor(s): 4A, 5I

The S.R. 0001 Group 03S Section RC1 project, located in Bensalem Township, Bucks County, PA, extends from the S.R. 2037 (Old Lincoln Highway) signalized intersection just north of the Philadelphia/Bucks County line to just south of the Neshaminy interchange, a distance of 1.3 miles. The project encompasses reconstruction and widening of S.R. 0001, including: upgrading of 2 interchanges S.R. 8017 (Street Road) and S.R. 8019 (The PA Turnpike); reconstruction of 4 bridges; and removal of 1 bridge. The improvements for this section of S.R. 0001 are as follows:

- Widening of S.R. 0001 median width to meet current design criteria.
- Raising the S.R. 0001 profile from south of the Street Road interchange to north of the Neshaminy interchange to improve vertical clearances for the S.R. 0001 structures over S.R. 0132 (Street Road), I-0276 (PA Turnpike) and the PA Turnpike Ramps I & J.
- Adding a third travel lane along S.R. 0001 in each direction from the Street Road interchange to north of the PA Turnpike Interchange
- Adding a northbound right-turn lane along S.R. 0001 from the S.R. 2037 (Old Lincoln Highway) intersection north to the Street Road interchange.
- Reconfiguring the Street Road interchange to remove the four (4) traffic movements (ramps) between westbound Street Road and S.R. 0001 northbound and southbound from the northern side of Street Road and adding the movements to the southern side. Removing these movements from the north side of the interchange eliminates access and egress points along S.R. 0001, allowing longer weave lengths between the Street Road interchange and the PA Turnpike interchange. Reconfiguring the interchange includes improvements to the existing ramp geometry and the addition of a ramp in the southwestern quadrant. Traffic signals will be added on Street Road at each of the two (2) proposed ramp intersections. The existing signal timings will be evaluated.
- Adding an auxiliary lane along S.R. 0001 in both the northbound and southbound directions between the Street Road interchange and the PA Turnpike interchange.
- Increasing the existing loop ramp radius to improve design speed to 30 mph and incorporating a second lane on the S.R. 0001 northbound exit ramp to the PA Turnpike at the PA Turnpike interchange.
- Adding an auxiliary lane along S.R. 0001 in both the northbound and southbound directions between the PA Turnpike interchange and Neshaminy interchange.
- Removing the existing Limited Access on Street Road within the S.R. 0001 interchange. Entrances directly accessing S.R. 0001 through the Street Road interchange will be eliminated by relocating the driveways allowing entrances access from Street Road.
- Structure improvements include the replacement of four (4) existing bridges, the removal of one (1) existing bridge, the construction of 1 retaining wall and the construction of 1 noise wall. The existing bridges to be replaced are those that carry S.R. 0001 over S.R. 0132 (Street Road), I-0276 (the PA Turnpike), and the PA Turnpike Ramps I & J. The S.R. 2025 (Bristol Road) bridge over S.R. 0001 will also be replaced. The existing bridge to be removed currently carries S.R. 0001 over a closed private access road located between the PA Turnpike and Neshaminy interchanges.
- This project will include upgrades to guiderail, drainage improvements and signage improvements.
- The reconstruction and widening project also minimizes impacts to the community by avoiding archaeological resources at Neshaminy Creek while improving safety and mobility. Additionally, this alternative avoids historic resources such as the Philadelphia Water Company and the Railroad.

Project CMP (Congestion Management Process) commitments include signal improvements, sidewalks and other improvements for pedestrians, investigation of new bus stops and enhanced bus services in consultation with SEPTA, safety improvements including increased speed enforcement, and outreach to employers to promote transportation demand management strategies. See DVRPC's 2013-2014 memorandum on supplemental strategies for details related to this project.

Design Parent is MPMS #13549. Route 1 Improvements Northern section RC2 is MPMS #93445. Route 1 Frontage section RC3 is MPMS #93446.

		TIP Program Years (\$ 000)											
Phase	Fund	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032
CON	STP*	701											
CON	STP*		107										
CON	STU*		349										
CON	NHPP*		3,215										

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Pennsylvania - Highway Program (Status: TIP)

## Bucks

	701	3,671	0	0	0	0	0	0	0	0	0	0	
	Total FY2021-2024		4,372	Total FY2025-2028				0	Total FY2029-2032				0

# DVRPC FY2021-2024 TIP for PA

## Pennsylvania - Highway Program (Status: TIP)

### Bucks

**MPMS# 93445**      **Route 1 Improvement-North (Section RC2)**

**LIMITS:** Route 1 - Neshaminy and Pennel Interchanges, Bucks County

Est Let Date: 9/17/2020

**IMPROVEMENT** Intersection/Interchange Improvements

**NHPP:** Y

MRPID:37

**MUNICIPALITIES:** Middletown Township; Bensalem Township

**FC:** 12; 14; 17

AQ Code:2035M

**PLAN CENTER:**

IPD: 18

**PROJECT MANAGER:** TSS/S. Hasan

**CMP:** Major SOV Capacity

CMP Subcorridor(s): 4A, 5I

The S.R. 0001 Group 03S Section RC2 project, located in Bensalem and Middletown Townships, Bucks County, PA, extends from a point just south of the Neshaminy Interchange to just south of S.R. 2045 (Old Lincoln Highway), a distance of 1.5 miles. The project encompasses reconstruction and widening of S.R. 0001, including: upgrading 2 interchanges S.R. 8055 (Neshaminy) and S.R. 8067 (Pennel); and reconstruction of 3 bridges. The improvements for this section of S.R. 0001 are as follows:

- Widening of S.R. 0001 median width to meet current design criteria.
- Raising the S.R. 0001 profile from just south of the Neshaminy interchange to north of the Neshaminy interchange to improve vertical clearances for the S.R. 0001 structure over S.R. 2044 (Rockhill Drive).
- Adding a third travel lane along S.R. 0001 in each direction from just south of the Neshaminy interchange north to the Pennel interchange.
- Adding an auxiliary lane along S.R. 0001 in both the northbound and southbound directions between the PA Turnpike interchange and Neshaminy interchange.
- Reconfiguring the Neshaminy interchange to relocate the ramp from Rockhill Drive to S.R. 0001 northbound from the northeastern quadrant of the interchange to the southeastern quadrant as a loop ramp, eliminating the left turn movement immediately west of the existing Neshaminy Mall traffic signal. Improving the geometry of the interchange ramps, where feasible. Modification to both existing signalized intersections on Rockhill Drive to improve traffic flow into and out of the Neshaminy Mall and the Horizon Corporate Center.
- North of the Neshaminy interchange, adding/lengthening auxiliary (acceleration and deceleration) lanes along S.R. 0001 in both the northbound and southbound directions for ramps to and from Rockhill Drive.
- Structure improvements include the replacement of 3 existing bridges, the construction of 5 retaining walls and the possible construction of 1 noise wall. The existing bridges to be replaced are those that carry S.R. 0001 over Rockhill Drive, Neshaminy Creek, and Business Route 1 and the CSX and SEPTA rail lines.
- S.R. 0001 southbound will be realigned across Neshaminy Creek to allow traffic to be maintained on the existing bridge during construction of the proposed structure on new alignment. Traffic will be switched to the new S.R. 0001 southbound structure during demolition of the existing bridge and construction of the proposed S.R. 0001 northbound structure. Similarly, S.R. 0001 northbound will be realigned across the CSX/SEPTA Railroad and Business Route 1 to allow traffic to be maintained on the existing bridge during construction of a new S.R. 0001 northbound structure. Traffic will be switched to the new S.R. 0001 northbound structure during demolition of the existing bridge and construction of the proposed S.R. 0001 southbound structure.
- Pedestrian walkways and transit stops along Rockhill Drive will be investigated.
- This project will include upgrades to guiderail, drainage improvements and signage improvements.
- The reconstruction and widening project minimizes impacts to the community by avoiding archaeological resources at Neshaminy Creek while improving safety and mobility. Additionally, this project avoids historic resources such as the Philadelphia Water Company and the Railroad.

Project CMP (Congestion Management Process) commitments include signal improvements, sidewalks and other improvements for pedestrians, investigation of new bus stops and enhanced bus services in consultation with SEPTA, safety improvements including increased speed enforcement, and outreach to employers to promote transportation demand management strategies. See DVRPC's 2013-2014 memorandum on supplemental strategies for details related to this project.

Design Parent is MPMS #13549. Route 1 Improvements Southern section RC1 is MPMS #93444. Route 1 Frontage section RC3 is MPMS #93446.

### TIP Program Years (\$ 000)

Phase	Fund	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032
CON	NHPP	12,205											
CON	581	3,052											
CON	STU		1,600										
CON	581		400										
CON	STU			2,000									
CON	581			500									
CON	STP				2,000								
CON	STU				390								
CON	NHPP				13,610								
CON	581				4,000								
CON	NHPP					12,991							

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Pennsylvania - Highway Program (Status: TIP)

## Bucks

CON	STP					8,502								
CON	STU					6,194								
CON	581					6,921								
CON	STP						10,745							
CON	STU						926							
CON	581						2,917							
CON	STU							23,047						
CON	581							5,761						
CON	STU								15,029					
CON	581								3,757					
		15,257	2,000	2,500	20,000	34,608	14,588	28,808	18,786	0	0	0	0	
		<b>Total FY2021-2024</b>		<b>39,757</b>		<b>Total FY2025-2028</b>		<b>96,790</b>		<b>Total FY2029-2032</b>				<b>0</b>

# DVRPC FY2021-2024 TIP for PA

## Pennsylvania - Highway Program (Status: TIP)

### Bucks

**MPMS# 93446**      **Route 1 Improvement Frontage Corridor (Section RC3)**

**LIMITS:** Route 1 - Frontage Road Corridor, Bucks County

Est Let Date: 10/6/2022

**IMPROVEMENT** Roadway New Capacity

**NHPP:** Y

MRPID:37

**MUNICIPALITIES:** Langhorne Manor Borough; Middletown Township

**FC:** 12; 19

AQ Code:S10

**PLAN CENTER:**

IPD: 19

**PROJECT MANAGER:** TSS/S. Hasan

**CMP:** Major SOV Capacity

CMP Subcorridor(s): 4A, 5I

The S.R. 0001 Group 03S Section RC3 project extends from the northern end of the S.R. 0001 bridge over the CSX railroad to approximately 700 feet north of the S.R. 0413 (PA 413/Pine Street) bridge over S.R. 0001, a distance of 2.5 miles. This project includes the 2.0 mile +/- segment of frontage (service) road corridor.

The S.R. 0001 Group 03S Section RC3 project includes Resurfacing, Restoration and Rehabilitation (3R) improvements to S.R. 0001 and the frontage roads, reconstruction of 1 bridge (West Interchange Road over S.R. 0001), and the rehabilitation of 1 bridge (S.R. 0001 over S.R. 2008). The primary proposed improvements for this section of S.R. 0001 are as follows:

- Widening of S.R. 0001 median width from 4' to 10' to meet current design criteria.
- Replacement of 12,100 ft. of existing double-face guide rail median barrier and 985 ft. of existing concrete median barrier with concrete glare screen.
- Removal of existing raised concrete islands separating the mainline S.R. 0001 travel lanes from the frontage road to be replaced with 12'-0" paved outside shoulders along the mainline travel lanes and concrete median barrier between the proposed mainline outside shoulder and the frontage road.
- Closing the existing intermediate crossovers between the mainline S.R. 0001 travel lanes and the frontage roads.
- Updating the overhead guide signage for the project corridor due to the revised frontage road access and for coordination with the S.R. 0001 Sec. RC1, RC2 and LHB projects.
- Relocating the existing ITS infrastructure, including conduit throughout the corridor and ITS CCTV camera assembly, communications cabinets and VD sensor assemblies that are supported by the affected overhead guide signs.
- Lengthening of the acceleration lanes from the frontage roads onto S.R. 0001 in the northbound and southbound directions to meet current design criteria.
- Relocating the existing roadway inlets along the existing double face median guide rail and existing raised concrete traffic islands to along the proposed concrete glare screen and proposed concrete median barrier.
- Structure improvements include the replacement of one existing functionally obsolete bridge (West Interchange Road over S.R. 0001) along the existing horizontal alignment and the rehabilitation of one bridge (S.R. 0001 over S.R. 2008) including superstructure replacement.

Design Parent is MPMS #13549

Route 1 Improvements Northern section RC2 is MPMS #93445

Route 1 Improvements Southern section RC1 is MPMS #93444

Project CMP (Congestion Management Process) commitments include signal improvements, sidewalks and other improvements for pedestrians, investigation of new bus stops and enhanced bus services in consultation with SEPTA, safety improvements including increased speed enforcement, and outreach to employers to promote transportation demand management strategies. See DVRPC's 2013-2014 memorandum on supplemental strategies for details related to this project.

The estimated construction funding (\$94 Million) is located in the Long-range Plan which begins in FY33.

**TIP Program Years (\$ 000)**

Phase	Fund	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032
ROW	NHPP	4,243											
ROW	581	1,060											
ROW	NHPP		4,243										
ROW	581		1,060										
ROW	NHPP			4,243									
ROW	581			1,060									
UTL	NHPP		2,185										
UTL	581		546										
CON	STP												
CON	581												



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## Pennsylvania - Highway Program (Status: TIP)

### Bucks

5,303	8,034	5,303	0	0	0	0	0	0	0	0	0	
Total FY2021-2024		18,640		Total FY2025-2028				0		Total FY2029-2032		0

**MPMS# 98221** *Strock's Grove Road over Beaver Creek (CB# 333)*

**LIMITS:** No Let Date  
**IMPROVEMENT** Bridge Repair/Replacement **NHPP:**  
**MUNICIPALITIES:** Nockamixon Township **FC:** AQ Code:S19  
**PLAN CENTER:** IPD: 10  
**PROJECT MANAGER:** TSS/GANNETT/S. New **CMP:** Not SOV Capacity Adding

This project is a bridge rehabilitation of Stock's Grove Road over Beaver Creek in Nockamixon Township, Bucks County.  
 Funding for this project will be drawn down from the County Bridge Line Item (MPMS #95447) at the appropriate time.  
 A final alternative for bridge rehabilitation or replacement is determined upon federal National Environmental Policy Act (NEPA) or state Categorical Exclusion clearance.

		TIP Program Years (\$ 000)												
Phase	Fund	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# 102272** *Holland Road at Buck Road and Route 532*

**LIMITS:** Buck Rd from 1,200' south of intersection w/Old Bristol Rd to 1,500' north of inter Est Let Date: 2/25/2021  
**IMPROVEMENT** Bridge Repair/Replacement **NHPP:** Y  
**MUNICIPALITIES:** Northampton Township **FC:** AQ Code:S19  
**PLAN CENTER:** IPD: 15  
**PROJECT MANAGER:** Gannett/M. McGuire **CMP:** Minor SOV Capacity **CMP Subcorridor(s):** 51

This project will be broken out into two phases when appropriate. Phase I is the replacement/rehabilitation of the poor condition Buck Road Bridge over Mill Creek with a wider structure to accommodate turning lanes and will also include improvements to the Buck Road/Old Bristol Road Intersection. Phase II will consist of improvements including the realignment of the Buck Road/Holland Road intersection and the addition of turning lanes, along with access management and the addition of sidewalks throughout corridor.  
 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	581	250													
ROW	581		406												
UTL	581		215												
CON	NHPP		7,379												
CON	581		1,845												
Total FY2021-2024		250	9,845	0	0	Total FY2025-2028				0	Total FY2029-2032				0
		10,095				0						0			

# DVRPC FY2021-2024 TIP for PA

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## Pennsylvania - Highway Program (Status: TIP)

### Bucks

**MPMS# 102598** *Mill Creek Rd O/Martin's Creek (CB #220)*

**LIMITS:** No Let Date  
**IMPROVEMENT** Bridge Repair/Replacement **NHPP:**  
**MUNICIPALITIES:** Falls Township **FC:** AQ Code:S19  
**PLAN CENTER:** IPD:  
**PROJECT MANAGER:** TSS/GANNETT/S. New **CMP:** Not SOV Capacity Adding

This project is a bridge rehabilitation/replacement of Mill Creek Road over Martin's Creek in Falls Township, Bucks County.  
 Funding for this project will be drawn down from the County Bridge Line Item (MPMS# 95447) at the appropriate time.  
 A final alternative for bridge rehabilitation or replacement is determined upon federal National Environmental Policy Act (NEPA) or state Categorical Exclusion clearance.

TIP Program Years (\$ 000)													
Phase	Fund	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
<b>Total FY2021-2024</b>					<b>Total FY2025-2028</b>				<b>Total FY2029-2032</b>				
0					0				0				

**MPMS# 104365** *New Falls Road Pedestrian Safety Improvements*

**LIMITS:** New Falls Rd (SR 2006) Est Let Date: 7/9/2020  
**IMPROVEMENT** Bicycle/Pedestrian Improvement **NHPP:** Y  
**MUNICIPALITIES:** Bristol Township **FC:** AQ Code:S7  
**PLAN CENTER:** IPD: 3  
**PROJECT MANAGER:** Traff/A. Patel **CMP:** Not SOV Capacity Adding CMP Subcorridor(s): 4A

The proposed scope of work includes installation of sidewalk, pedestrian countdown timers, modification to left turn phasing, and other signal improvements.

TIP Program Years (\$ 000)													
Phase	Fund	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032
CON	TOLL												
CON	sHSIP	950											
<b>Total FY2021-2024</b>					<b>Total FY2025-2028</b>				<b>Total FY2029-2032</b>				
950					0				0				

# DVRPC FY2021-2024 TIP for PA

## Pennsylvania - Highway Program (Status: TIP)

### Bucks

**MPMS# 107794**     **Woodbourne Road (SR 2033) and Langhorne-Yardley Road (SR 2049) Improvements SR:2033**

**LIMITS:** Woodbourne Road/Langhorne-Yardley Rd to intersection of Langhorne-Yardley

Est Let Date: 2/11/2021

**IMPROVEMENT** Intersection/Interchange Improvements

**NHPP:** Y

**MUNICIPALITIES:** Middletown Township

**FC:**

AQ Code:R1

**PLAN CENTER:**

IPD: 12

**PROJECT MANAGER:** TSS/H. Freed

**CMP:** Minor SOV Capacity

CMP Subcorridor(s): 5I

The proposed roadway improvements for the intersection of Woodbourne Road (SR 2033) & Langhorne-Yardley Road (SR 2049) will include the addition of left turn lanes and right turn lanes, and improved alignment of the Woodbourne Road lanes at the intersection. For the T-intersection of Langhorne-Yardley Road (SR 2049) & Bridgetown Pike (SR 2010), the improvements will include a separate left turn lane on Langhorne-Yardley Road and right turn lanes as required. The signal equipment will be replaced and modernized at both intersections.

This project had previously been listed under MPMS #57624.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	
ROW	TOLL													
ROW	STU	500												
CON	581	2,341												
CON	581		1,000											
CON	581			2,000										
CON	581				2,000									
		<b>2,841</b>	<b>1,000</b>	<b>2,000</b>	<b>2,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
		<b>Total FY2021-2024</b>			<b>7,841</b>	<b>Total FY2025-2028</b>				<b>0</b>	<b>Total FY2029-2032</b>			<b>0</b>

# DVRPC FY2021-2024 TIP for PA

## Pennsylvania - Highway Program (Status: TIP)

### Bucks

MPMS# 110091 *King Road Bridge over Herkaken Creek (CB #54)*

**LIMITS:**

Est Let Date: 10/1/2022

IMPROVEMENT Bridge Repair/Replacement

NHPP:

MUNICIPALITIES: New Britain Township

FC:

AQ Code:S19

PLAN CENTER:

IPD: 14

PROJECT MANAGER: TSS/Gannett/S. New

CMP: Not SOV Capacity Adding

Bucks County Bridge #54 is a single span, concrete encased, steel I-beam bridge that is approximately 33 feet long. Originally built in 1912, it is currently weight-restricted to 7 tons. The bridge is poor condition as a result of the poor condition of the substructure, due to undermining of the near and far abutments. The bridge railing does not meet current standards and the approach guiderail also requires updating to current standards. Work to be performed includes the complete replacement of the bridge and associated approach improvements.

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		30												
UTL	TOLL														
UTL	sSTP	20													
CON	TOLL														
CON	sSTP			700											
CON	TOLL														
CON	sSTP				650										
		<b>320</b>	<b>30</b>	<b>700</b>	<b>650</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>		
		<b>Total FY2021-2024</b>			<b>1,700</b>	<b>Total FY2025-2028</b>				<b>0</b>	<b>Total FY2029-2032</b>				<b>0</b>

# DVRPC FY2021-2024 TIP for PA

## Pennsylvania - Highway Program (Status: TIP)

### Bucks

**MPMS# 110309** *I-95/US 13/PA 132 Slip Ramp Operation Improvement*

**LIMITS:** I-95/US 13/PA 132

No Let Date

**IMPROVEMENT** Intersection/Interchange Improvements

**NHPP:**

MRPID:170

**MUNICIPALITIES:** Bristol Township

**FC:**

AQ Code:2035M

**PLAN CENTER:**

IPD: 16

**PROJECT MANAGER:** EE/J. Brown

**CMP:** Minor SOV Capacity

**CMP Subcorridor(s):** 4B, 12A

As a preliminary step to address congestion and safety issues caused by the antiquated design of the interchange of I-95/US 13/PA 132 (Street Road), the existing intersection will be modified with an operational improvement to provide direct, one-way access to I-95 southbound from the US 13/PA 132 (Street Road) intersection by re-routing traffic from the Street Road off-ramp from eastbound Street Road to I-95 southbound via a direct connection to the I-95 southbound on-ramp. All movements of the interchange are currently provided to access I-95 northbound and southbound, but this reconfigured movement will reduce congestion, improve operational efficiency and system reliability, and eliminate unsafe traffic movements at this heavily trafficked intersection on Street Road at the I-95 southbound entrance.

		TIP Program Years (\$ 000)													
Phase	Fund	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032		
PE	581	844													
FD	581		580												
ROW	581			60											
UTL	581						1,305								
CON	581						1,305								
CON	581						5,219								
		844	580	60	0	0	7,829	0	0	0	0	0	0		
		Total FY2021-2024			1,484	Total FY2025-2028				7,829	Total FY2029-2032				0

**MPMS# 110310** *Almshouse at Jacksonville Road*

**LIMITS:**

No Let Date

**IMPROVEMENT** Intersection/Interchange Improvements

**NHPP:**

**MUNICIPALITIES:** Northampton Township

**FC:**

AQ Code:R1

**PLAN CENTER:**

IPD: 14

**PROJECT MANAGER:**

**CMP:** Minor SOV Capacity

**CMP Subcorridor(s):** 13A

Add a northbound right-turn lane on Jacksonville Road and a westbound left-turn lane on Almshouse Road.

		TIP Program Years (\$ 000)													
Phase	Fund	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032		
FD	581		634												
ROW	581		55												
UTL	TOLL														
UTL	STU		109												
CON	581						1,476								
		0	798	0	0	0	1,476	0	0	0	0	0	0		
		Total FY2021-2024			798	Total FY2025-2028				1,476	Total FY2029-2032				0

# DVRPC FY2021-2024 TIP for PA

## Pennsylvania - Highway Program (Status: TIP)

### Bucks

**MPMS# 110966** *Old Lincoln Highway and Hulmeville Avenue Safety Improvements*

**LIMITS:** Old Lincoln Highway (SR 2037) & Hulmeville Ave (SR 2047)

Est Let Date: 3/26/2020

**IMPROVEMENT** Intersection/Interchange Improvements

**NHPP:**

**MUNICIPALITIES:** Pennel Borough

**FC:**

AQ Code:R1

**PLAN CENTER:**

IPD:

**PROJECT MANAGER:** Traff/A. Patel

**CMP:** Minor SOV Capacity

CMP Subcorridor(s): 5I

Old Lincoln Highway (SR 2037) & Hulmeville Ave (SR 2047) Intersection improvements including adding exclusive left-turn lanes, modify left-turn signal phasing, & increase all red clearance interval.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	
ROW	TOLL													
ROW	sHSIP	7												
UTL	TOLL													
UTL	sHSIP	34												
CON	TOLL													
CON	sHSIP	271												
		<b>312</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
		<b>Total FY2021-2024</b>			<b>312</b>		<b>Total FY2025-2028</b>			<b>0</b>		<b>Total FY2029-2032</b>		<b>0</b>

**MPMS# 111024** *Easton Road Roundabouts*

**LIMITS:** Easton Rd and New Britain Rd; Easton Rd and Sauerman Rd

Est Let Date: 3/11/2021

**IMPROVEMENT** Intersection/Interchange Improvements

**NHPP:**

**MUNICIPALITIES:** Doylestown Borough

**FC:**

AQ Code:2025M

**PLAN CENTER:**

IPD:

**PROJECT MANAGER:** Traff/A. Patel

**CMP:** Minor SOV Capacity

CMP Subcorridor(s): 14F

Roundabout installation at Easton Rd (SR 1001) and New Britain Rd as well as Easton Rd and Sauerman Road.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	
ROW	TOLL													
ROW	sHSIP	145												
UTL	TOLL													
UTL	sHSIP	95												
CON	TOLL													
CON	sHSIP	1,000												
CON	TOLL													
CON	sHSIP		1,374											
		<b>1,240</b>	<b>1,374</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
		<b>Total FY2021-2024</b>			<b>2,614</b>		<b>Total FY2025-2028</b>			<b>0</b>		<b>Total FY2029-2032</b>		<b>0</b>

# DVRPC FY2021-2024 TIP for PA

## Pennsylvania - Highway Program (Status: TIP)

### Bucks

**MPMS# 111464**     *Shady Retreat SRTS Trail*

**LIMITS:** Shady Retreat and Burpee Roads

Est Let Date: 8/6/2020

**IMPROVEMENT** Bicycle/Pedestrian Improvement

**NHPP:**

**MUNICIPALITIES:** Doylestown Township

**FC:**

AQ Code:A2

**PLAN CENTER:**

IPD:

**PROJECT MANAGER:** EE/DVRPC/D. Snyder

**CMP:** Not SOV Capacity Adding

CMP Subcorridor(s): 8G

This project is for the construction of approximately 0.8-miles of multiuse trail along Shady Retreat and Burpee Roads that will connect several neighborhoods to the Doylestown Elementary School, Lenape Middle School and Central Bucks West High Schools (using SRTS funding), in Doylestown Township.

		TIP Program Years (\$ 000)													
Phase	Fund	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032		
CON	TAP			985											
		0	0	985	0	0	0	0	0	0	0	0	0		
<b>Total FY2021-2024</b>		985			<b>Total FY2025-2028</b>				0				<b>Total FY2029-2032</b>		0

**MPMS# 111468**     *Lower Makefield Township Community Trail Connection*

**LIMITS:** Lower Makefield Township

Est Let Date: 8/6/2020

**IMPROVEMENT** Bicycle/Pedestrian Improvement

**NHPP:**

**MUNICIPALITIES:** Lower Makefield Township

**FC:**

AQ Code:A2

**PLAN CENTER:**

IPD:

**PROJECT MANAGER:** EE/DVRPC/J. Banks

**CMP:** Not SOV Capacity Adding

CMP Subcorridor(s): 4A

This project will construct a multi-use trail that will connect the existing trail network to several Township facilities, parks and schools, in Lower Makefield Township.

		TIP Program Years (\$ 000)													
Phase	Fund	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032		
CON	TAP	350													
CON	TAP		350												
		350	350	0	0	0	0	0	0	0	0	0	0		
<b>Total FY2021-2024</b>		700			<b>Total FY2025-2028</b>				0				<b>Total FY2029-2032</b>		0

# DVRPC FY2021-2024 TIP for PA

## Pennsylvania - Highway Program (Status: TIP)

### Bucks

**MPMS# 111471** *Aquetong Park Segment - Route 202 Cross-County Trail*

**LIMITS:** Aquetong Park

Est Let Date: 8/20/2020

**IMPROVEMENT** Bicycle/Pedestrian Improvement

**NHPP:**

MRPID:97

**MUNICIPALITIES:** Solebury Township

**FC:**

AQ Code:A2

**PLAN CENTER:**

IPD:

**PROJECT MANAGER:** EE/DVRPC/J. Coscia

**CMP:** Not SOV Capacity Adding

This project will build the next segment of the Route 202 Cross-County Trail along with stormwater improvements within Aquetong Park, in Soelbury Township.

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

**MPMS# 114171** *PA 663 Slope Restoration*

**Return**

**LIMITS:**

No Let Date

**IMPROVEMENT** Other

**NHPP:**

**MUNICIPALITIES:** Milford Township

**FC:**

AQ Code:X13

**PLAN CENTER:**

IPD:

**PROJECT MANAGER:** Harold Windisch ADE CONSTR

**CMP:**

This project involves the restoration of the slope/shoulder on westbound PA 663 at Unami Creek.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	
CON	FFL	33												
CON	582	8												
		41	0	0	0	0	0	0	0	0	0	0	0	
		<b>Total FY2021-2024</b>			41		<b>Total FY2025-2028</b>			0		<b>Total FY2029-2032</b>		0



# DVRPC FY2021-2024 TIP for PA

## Pennsylvania - Highway Program (Status: TIP)

### Bucks

**MPMS# 115418**     *Route 113 & Minsi Trail Road Roundabout*

**New**

**LIMITS:** Souderton Road and Minsi Trail

No Let Date

**IMPROVEMENT** Intersection/Interchange Improvements

**NHPP:**

**MUNICIPALITIES:** Hilltown Township

**FC:**

AQ Code:2035M

**PLAN CENTER:**

IPD:

**PROJECT MANAGER:**

**CMP:** Minor SOV Capacity

CMP Subcorridor(s): 14H

This project is for the implementation of a roundabout at Souderton Road (SR 113) and Minsi Trail Road (SR 4019).

		TIP Program Years (\$ 000)											
Phase	Fund	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032
PE	HSIP	475											
FD	HSIP			275									
ROW	HSIP				263								
UTL	HSIP				20								
CON	HSIP				1,061								
		<b>475</b>	<b>0</b>	<b>275</b>	<b>1,344</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
		<b>Total FY2021-2024</b>				<b>Total FY2025-2028</b>				<b>Total FY2029-2032</b>			
		2,094				0				0			

**MPMS# 115419**     *Buckingham Road and York Road (PA 263) Roundabout*

**New**

**LIMITS:** Buckingham Road and Old Arch Road

No Let Date

**IMPROVEMENT** Intersection/Interchange Improvements

**NHPP:**

**MUNICIPALITIES:** Buckingham Township

**FC:**

AQ Code:2035M

**PLAN CENTER:**

IPD:

**PROJECT MANAGER:**

**CMP:** Minor SOV Capacity

CMP Subcorridor(s): 8H, 8I

This project is for the implementation of a roundabout at Buckingham Road (SR 202) and York Road (SR 263).

		TIP Program Years (\$ 000)											
Phase	Fund	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032
PE	HSIP	475											
FD	HSIP			205									
ROW	HSIP				1,115								
UTL	HSIP					33							
CON	HSIP					1,582							
		<b>475</b>	<b>0</b>	<b>205</b>	<b>1,115</b>	<b>1,615</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
		<b>Total FY2021-2024</b>				<b>Total FY2025-2028</b>				<b>Total FY2029-2032</b>			
		1,795				1,615				0			

# DVRPC FY2021-2024 TIP for PA

Final Version

## Pennsylvania - Highway Program (Status: TIP)

### Bucks

MPMS# 115420 *Penndel Borough Intersection Improvements*

New

LIMITS: Penndel Borough

No Let Date

IMPROVEMENT Intersection/Interchange Improvements

NHPP:

MUNICIPALITIES: Penndel Borough

FC:

AQ Code:2035M

PLAN CENTER:

IPD:

PROJECT MANAGER:

CMP: Minor SOV Capacity

CMP Subcorridor(s): 8H

The proposed scope of this project include:

- Road diet of Lincoln Highway (SR 2037) from Lincoln Avenue to Durham Road (SR 0413)
- Addition of exclusive left-turn lane(s) at the following intersections:
  - o Lincoln Highway/Lincoln Avenue (westbound LTL)
  - o Lincoln Highway/Bellevue Avenue (eastbound/westbound LTLs and northbound/southbound LTLs)
  - o Lincoln Highway/Durham Road (westbound LTL)
- Prohibit eastbound Lincoln Highway (SR 2037) left-turn movements at Durham Road (SR 0413)
- Increase southbound Durham Road (SR 0413) left-turn lane storage at Lincoln Highway (SR 2037)
- Intersection control modification at Bellevue Avenue (SR 0413) and Durham Road (SR 0413)
- Modification of left-turn signal phasing at Lincoln Highway/Bellevue Avenue and Lincoln Highway/Durham Road signalized intersections
- Upgrade pavement markings and delineation within project limits
- Install high-visibility crosswalk markings at intersections within project limits
- Modernize signals along corridor, including interconnect with fiber optic and connection for accessibility from PennDOT Regional Traffic Management Center

### TIP Program Years (\$ 000)

Phase	Fund	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032		
PE	HSIP	190													
FD	HSIP			127											
UTL	HSIP				450										
CON	HSIP				1,642										
		190	0	127	2,092	0	0	0	0	0	0	0	0		
		Total FY2021-2024			2,409	Total FY2025-2028				0	Total FY2029-2032				0

Total For Bucks	2021	2022	2023	2024	2021-2024	2025-2028	2029-2032
	\$60,913	\$61,085	\$49,383	\$40,250	\$211,631	\$135,188	\$50,027