

DVRPC FY 2013-2016 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Delaware

MPMS# 14767 *US 30, Lancaster Avenue Closed Loop Signals SR:0030*

LIMITS Old Eagle School Road/Sugartown Road to Lowry's La

ctl Let Date: 12/18/2008

IMPROVEMENT Signal/ITS Improvements

MUNICIPALITIES: Radnor Township

AQ Code:2013M

PLANNING AREA: Developed Community

DOD:

PROJECT MANAGER: CONSTR

CMP: Minor SOV Capacity

Adding Subcorr(s): 2C, 7B, 7C

FUNDS ACCOUNT FOR ACCRUED UNBILLED COSTS

Implementation of a closed-loop traffic signal control system along Lancaster Avenue from Old Eagle School Road/Sugartown Road to Lowry's Lane, interconnecting 17 signalized intersections and other miscellaneous construction items.

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

		TIP Program Years (\$ 000)													
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024		
CON	CAQ	215													
		215	0	0	0	0	0	0	0	0	0	0	0		
Total FY2013-2016		215			Total FY2017-2020				0				Total FY2021-2024		0

MPMS# 14891 *Darby Road/Paoli Road Bridges (2) Over Little Darby Creek and Wigwam Run SR:1015*

LIMITS Over Little Darby Creek and Wigwam Run

Est Let Date: 10/2/2014

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Radnor Township

AQ Code:S19

PLANNING AREA: Developed Community

DOD: 0

PROJECT MANAGER: AECOM/CC

CMP: Not SOV Capacity Adding

This project involves rehabilitating or replacing two bridges carrying Darby Paoli Road over Little Darby Creek and Wigwam Run.

This road segment is included in the Delaware County Bicycle Plan. A final alternative for bridge rehabilitation or replacement is determined upon federal National Environmental Policy Act (NEPA) or state Categorical Exclusion clearance.

		TIP Program Years (\$ 000)													
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024		
FD	185		800												
ROW	185		288												
UTL	185		144												
CON	STP					8,334									
CON	185					2,083									
		0	1,232	0	0	0	10,417	0	0	0	0	0	0		
Total FY2013-2016		1,232			Total FY2017-2020				10,417				Total FY2021-2024		0

DVRPC FY 2013-2016 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Delaware

MPMS# 15008 *Folcroft Avenue Bridge Over Amtrak/SEPTA R2 Rail Line SR:7410*

LIMITS Over Amtrak/SEPTA R2 Rail Line

No Let Date

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Folcroft Borough; Sharon Hill Borough

AQ Code:S19

PLANNING AREA: Developed Community

DOD: 3

PROJECT MANAGER: TSS/GANNETT

CMP: Not SOV Capacity Adding

Adding Subcorr(s): 6A

The existing one lane bridge with 5' sidewalks on both sides is currently closed to traffic. The new bridge will be two lanes with 5' sidewalks on both sides and the vertical geometry will be corrected to provide better sight distance. The bicycle and pedestrian checklists will be incorporated into the project.

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

		TIP Program Years (\$ 000)											
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024
CON	STP							4,358					
CON	183							817					
CON	LOC							272					
		0	0	0	0	0	0	5,447	0	0	0	0	0
Total FY2013-2016		0				Total FY2017-2020				5,447			
						Total FY2021-2024				0			

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

LIMITS Over Chester Creek

No Let Date

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Thornbury Township

AQ Code:S19

PLANNING AREA: Growing Suburb

DOD: 0

PROJECT MANAGER: TSS/GANNETT

CMP: Not SOV Capacity Adding

This project involves rehabilitating or replacing Station Road over Chester Creek in Thornbury Township, a single span bridge. A final alternative for bridge rehabilitation or replacement is determined upon federal National Environmental Policy Act (NEPA) or state Categorical Exclusion clearance.

		TIP Program Years (\$ 000)											
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024
FD	STU			315									
FD	179A			79									
ROW	STU				46								
ROW	179A				12								
UTL	BOF						49						
UTL	183						10						
UTL	LOC						2						
CON	BOF							2,027					
CON	183							380					
CON	LOC							127					
		0	0	394	58	0	61	2,534	0	0	0	0	0
Total FY2013-2016		452				Total FY2017-2020				2,595			
						Total FY2021-2024				0			

DVRPC FY 2013-2016 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Delaware

MPMS# 15185 *Old Forge Road Over Rocky Run (CB #209) SR:7023*

LIMITS Over Rocky Run

Actl Let Date: 3/1/2012

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Middletown Township

AQ Code:S19

PLANNING AREA: Developed Community

DOD: 1

PROJECT MANAGER: TSS/GANNETT

CMP: Not SOV Capacity Adding

Adding Subcorr(s): 5B

The existing County-owned one lane bridge will be replaced with a two lane bridge with sidewalk on one side. There will also be a minor realignment of the bridge's horizontal curve.

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

		TIP Program Years (\$ 000)												
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	
CON	BOF		96											
CON	179		6											
CON	183		18											
		0	120	0	0	0	0	0	0	0	0	0	0	
		Total FY2013-2016			120	Total FY2017-2020				0	Total FY2021-2024			0

MPMS# 15225 *Ardmore Avenue Bridge Over SEPTA and Cobbs Creek SR:1018*

LIMITS Over SEPTA and Cobbs Creek

Est Let Date: 6/15/2015

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Haverford Township

AQ Code:S19

PLANNING AREA: Developed Community

DOD: 1

PROJECT MANAGER: AECOM/CC

CMP: Not SOV Capacity Adding

Adding Subcorr(s): 7B

This project involves rehabilitating or replacing two bridges on Ardmore Avenue between Harvest Lane and Haverford Road. One bridge crosses Cobbs Creek and one crosses SEPTA's Rt 100 line. The 62'-long encased steel stringer bridge carries a 2 lane road and sidewalk over SEPTA's Norristown High Speed Line. This road segment is included in the Delaware County Bicycle Plan. A final alternative for bridge rehabilitation or replacement is determined upon federal National Environmental Policy Act (NEPA) or state Categorical Exclusion clearance.

TOLL CREDIT

		TIP Program Years (\$ 000)												
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	
FD	BOO	875												
ROW	STU		433											
UTL	STU		288											
CON	STU			4,061										
CON	185			1,015										
CON	STU				4,061									
CON	185				1,015									
		875	721	5,076	5,076	0	0	0	0	0	0	0	0	
		Total FY2013-2016			11,748	Total FY2017-2020				0	Total FY2021-2024			0

DVRPC FY 2013-2016 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Delaware

MPMS# 15251 US 1, Baltimore Pike Interchange Improvements SR:0352

LIMITS At PA 352/Middletown Road

Est Let Date: 3/15/2019

IMPROVEMENT Bridge Repair/Replacement

LRPID:5

MUNICIPALITIES: Middletown Township

AQ Code:R3

PLANNING AREA: Developed Community

DOD: 1

PROJECT MANAGER: TSS/DMB

CMP: Minor SOV Capacity

Adding Subcorr(s): 5B

Preliminary engineering is currently being undertaken for the reconstruction of this cloverleaf interchange, originally built in 1939. This road segment is included in the Delaware County Bicycle Plan.

		TIP Program Years (\$ 000)											
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024
FD	NHPP				2,346								
FD	581				587								
ROW	STP					22,457							
UTL	STU								660				
UTL	STP								2,641				
CON	STP									15,000			
CON	STP										27,000		
CON	STP											68,873	
		0	0	0	2,933	0	22,457	0	3,301	15,000	27,000	68,873	0
		Total FY2013-2016			2,933	Total FY2017-2020			25,758	Total FY2021-2024			110,873

MPMS# 15281 Chester Pike Bridge (US 13) SR:0013

LIMITS over Stoney Creek

No Let Date

IMPROVEMENT Bicycle/Pedestrian Improvement

MUNICIPALITIES: Ridley Township; Ridley Park Borough

AQ Code:A2

PLANNING AREA: Developed Community

DOD:

PROJECT MANAGER: CONSTR

CMP: Not SOV Capacity Adding

Adding Subcorr(s): 4D, 6A, 8A

Construct Pedestrian Walkway Bridge or Replace Bridge.

This road segment is proposed for inclusion in the Delaware County Bicycle Plan.

		TIP Program Years (\$ 000)											
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024
CON	STP	12											
CON	581	3											
		15	0	0	0	0	0	0	0	0	0	0	0
		Total FY2013-2016			15	Total FY2017-2020			0	Total FY2021-2024			0

DVRPC FY 2013-2016 TIP for PA

Final 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: 1/15/2015

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Ridley Park Borough

AQ Code:S19

PLANNING AREA: Developed Community

DOD: 1

PROJECT MANAGER: AECOM/KS

CMP: Not SOV Capacity Adding

Adding Subcorr(s): 6A

This project involves rehabilitating or replacing the superstructure of the Sellers Avenue Bridge over Amtrak while reusing the existing stone abutments. The roadway profile is expected to be raised between three and four feet. Replacement of the bridge will require the rerouting of catenary wires and the relocation of railroad signals. Vehicular traffic will be detoured around the site but pedestrian access will be maintained using staged construction. The new bridge design will accommodate the existing utilities at this location. A final alternative for bridge rehabilitation or replacement is determined upon federal National Environmental Policy Act (NEPA) or state Categorical Exclusion clearance.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	
FD	185	156												
FD	185		80											
CON	STU			3,225										
CON	185			806										
CON	STU				2,123									
CON	185				531									
		156	80	4,031	2,654	0	0	0	0	0	0	0	0	
		Total FY2013-2016			6,921	Total FY2017-2020				0	Total FY2021-2024			0

DVRPC FY 2013-2016 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Delaware

MPMS# 15345 PA 252, Providence Road Widening SR:0252

LIMITS Palmer's Mill Road to Kirk Lane

Est Let Date: 7/15/2013

IMPROVEMENT Roadway New Capacity

LRPID:121

MUNICIPALITIES: Upper Providence Township

AQ Code:2025M

PLANNING AREA: Developed Community

DOD: 1

PROJECT MANAGER: Gannett/SAN

CMP: Major SOV Capacity

Adding Subcorr(s): 5C

This project is full-depth pavement construction and widening from Palmers Mill Road to Kirk Lane in Upper Providence Township. The northern portion of the project will consist of widening and overlay. The existing typical section includes one 12' lane in the northbound direction and two 12' lanes in the southbound direction. The proposed typical section includes two 11' lanes in each direction with an 11' center turn lane and 3' offset to the curb. This project includes wide outside lanes for use by bicycles and also includes sidewalks, crosswalks, and hand/man signals for pedestrians. This project also includes overlaying the bridge over S.R. 0001 and the addition of protective fence on this structure. This project includes traffic signal upgrades at Kirk Lane / Route 1 NB Ramps and Rose Tree Road. This project includes the installation of new traffic signals at Route 1 SB Ramps and Palmers Mill / Providence Road.

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

Project CMP (Congestion Management Process) commitments include strategies such as improvements for bicyclists, pedestrians, and drivers on the existing road network (operations). See DVRPC's 2008 annual memoranda on supplemental strategies for details related to this project.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	
CON	916D	1,023												
CON	916	2,103												
CON	916		1,818											
CON	916			652										
		3,126	1,818	652	0	0	0	0	0	0	0	0	0	
		Total FY2013-2016			5,596	Total FY2017-2020				0	Total FY2021-2024			0

DVRPC FY 2013-2016 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Delaware

MPMS# 15368 MANOA RD:BRG OVER CK (Bridge)

New-B

LIMITS OVER COBBS CREEK : HAVERFORD TOWNSHIP :

No Let Date

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Haverford Township

AQ Code:S19

PLANNING AREA: Developed Community

DOD: 1

PROJECT MANAGER: HNTB/NV

CMP: Not SOV Capacity Adding

Adding Subcorr(s): 5C, 7B

This project involves rehabilitating or replacing state bridge over Cobbs Creek on Manoa Road between Powder Mill Lane and Karakung Drive in Haverford Township. It is a breakout project from MPMS #88706. This road segment is included in the Delaware County Bicycle Plan. A final alternative for bridge rehabilitation or replacement is determined upon federal National Environmental Policy Act (NEPA) or state Categorical Exclusion clearance.

		TIP Program Years (\$ 000)														
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024			
FD	STP							65								
FD	185							7								
ROW	STP								67							
ROW	185								7							
CON	STP									690						
CON	185									77						
		0	0	0	0	0	0	72	74	767	0	0	0			
		Total FY2013-2016				0	Total FY2017-2020				146	Total FY2021-2024				767

MPMS# 15406 PA 452, Market Street Bridge Over Amtrak/SEPTA Wilmington Newark Rail Line SR:0452

LIMITS Over Amtrak/SEPTA Wilmington Newark Rail Line

Est Let Date: 4/24/2014

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Lower Chichester Township; Marcus Hook Borough

AQ Code:S19

PLANNING AREA: Developed Community

DOD: 2

PROJECT MANAGER: EE/LJL

CMP: Not SOV Capacity Adding

Adding Subcorr(s): 6A

The existing two lane bridge (built in 1925) with shoulders and 8' sidewalks will be replaced in kind. This road segment is included in the Delaware County Bicycle Plan. A final alternative for bridge rehabilitation or replacement is determined upon federal National Environmental Policy Act (NEPA) or state Categorical Exclusion clearance.

TOLL CREDIT

		TIP Program Years (\$ 000)														
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024			
PE	BOO	892														
PE	185	222														
FD	BOO	510														
FD	185	128														
CON	NHPP		6,172													
CON	NHPP			6,172												
CON	BOO				6,172											
		1,752	6,172	6,172	6,172	0	0	0	0	0	0	0	0			
		Total FY2013-2016				20,268	Total FY2017-2020				0	Total FY2021-2024				0

DVRPC FY 2013-2016 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Delaware

MPMS# 15438 **Goshen Road SR:1034**

LIMITS South of Darby-Paoli Rd.

No Let Date

IMPROVEMENT Intersection/Interchange Improvements

MUNICIPALITIES: Radnor Township

AQ Code:R4

PLANNING AREA: Developed Community

DOD:

PROJECT MANAGER: CONSTR

CMP: Not SOV Capacity Adding

Adding Subcorr(s): 7B

This safety improvement project involves realignment of 443 meters (1453 feet) of Goshen Road which is a two-lane highway. The one cross road along the project length is Montparnasse Place. Improvements to this stop sign-controlled, T-intersection are limited to minor grade adjustments at the curb returns. A modified single-faced concrete barrier will be installed to minimize impacts to adjacent properties. Drainage improvements and guide rail installation are also included in the project scope. The limits of work extend from Segment 0060 Offset 0650 to Segment 0060 Offset 1110.

This road segment is proposed for inclusion in the Delaware County Bicycle Plan. HSIP Safety Funding for this project has been drawn from MPMS #57927

		TIP Program Years (\$ 000)													
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024		
CON	STP	130													
		130	0	0	0	0	0	0	0	0	0	0	0		
Total FY2013-2016		130			Total FY2017-2020				0				Total FY2021-2024		0

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

LIMITS Over Broomall Lake/tributary to Ridley Creek

Est Let Date: 1/8/2015

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Media Borough

AQ Code:S2

PLANNING AREA: Developed Community

DOD: 1

PROJECT MANAGER: TSS/GANNETT

CMP: Not SOV Capacity Adding

Adding Subcorr(s): 5D

This project involves rehabilitating or 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	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024		
CON	183			1,189											
CON	LOC			297											
		0	0	1,486	0	0	0	0	0	0	0	0	0		
Total FY2013-2016		1,486			Total FY2017-2020				0				Total FY2021-2024		0

DVRPC FY 2013-2016 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Delaware

MPMS# 47990 US 13 (Signals) SR:0013

LIMITS Morton Ave./12th St.- 9th St./Clover Ln.

No Let Date

IMPROVEMENT Signal/ITS Improvements

MUNICIPALITIES: Chester City

AQ Code:2010M

PLANNING AREA: Core City

DOD:

PROJECT MANAGER: CONSTR

CMP:

The project consists of the upgrade and interconnection of 26 signalized intersections along a 3.3 mile multi-lane state route to enhance motor vehicle flow along the corridor. Intersection signalization equipment will be fully modernized by removing and replacing the existing equipment with new equipment and it includes signal supports, traffic controllers, signal heads and all electrical equipment including wires and conduit. Replacement to occur within existing right-of-way in the vicinity of existing equipment.

FY2013 funds account for Accrued Unbilled Costs

		TIP Program Years (\$ 000)												
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	
UTL	STU	112												
UTL	TOLL													
UTL	TOLL													
UTL	CAQ		53											
CON	CAQ	452												
CON	TOLL													
		564	53	0	0	0	0	0	0	0	0	0	0	
		Total FY2013-2016			617	Total FY2017-2020				0	Total FY2021-2024			0

DVRPC FY 2013-2016 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Delaware

MPMS# 47992 *New Road Over West Branch of Chester Creek (Crozierville Bridge) SR:7023*

LIMITS Over West Branch of Chester Creek

Est Let Date: 3/5/2015

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Aston Township

AQ Code:S19

PLANNING AREA: Developed Community

DOD: 1

PROJECT MANAGER: TSS/GANNETT

CMP: Not SOV Capacity Adding

Replacement of this County-owned concrete T-beam bridge built in 1931. The superstructure is in poor condition with cracks and significant spalls throughout. Exposed reinforcing steel is visible on the bottom of the deck. The beams are in overall serious condition with exposed reinforcing steel, large spalls, and heavy leaching. If the bridge is not repaired, the concrete will continue to crack and the bridge will continue to deteriorate. The project has been right-sized during the scoping phase of the project. This bridge has a stone façade and is not a structural stone arch bridge.

This project is subject to standard PENNDOT design procedures as defined in the Bicycle/Pedestrian Facilities checklist and less than 1/2 mile from to the Chester Creek Trail.

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

		TIP Program Years (\$ 000)												
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	
UTL	BOO	47												
UTL	179A	11												
CON	BOF			1,733										
CON	179A			346										
CON	STU				1,733									
CON	179A				346									
		58	0	2,079	2,079	0	0	0	0	0	0	0	0	
		Total FY2013-2016			4,216	Total FY2017-2020				0	Total FY2021-2024			0

MPMS# 47993 *7th Street Bridge Over Chester Creek SR:7023*

LIMITS Over Chester Creek

Est Let Date: 6/20/2013

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Chester City

AQ Code:S19

PLANNING AREA: Core City

DOD: 4

PROJECT MANAGER: TSS/GANNETT

CMP: Not SOV Capacity Adding

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

Major rehabilitation/superstructure replacement of this County-owned bridge in downtown Chester. This bridge serves SEPTA bus route 119 and currently has a 12 ton weight limit.

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

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

		TIP Program Years (\$ 000)												
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	
CON	BOO	2,852												
CON	179A	713												
		3,565	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2013-2016			3,565	Total FY2017-2020				0	Total FY2021-2024			0

DVRPC FY 2013-2016 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Delaware

MPMS# 48168 *Baltimore Pike Signals SR:2016*

LIMITS PA 420/Woodland/Bishop Avenue/US 13/Church Lane

Est Let Date: 4/15/2014

IMPROVEMENT Signal/ITS Improvements

MUNICIPALITIES: East Lansdowne Borough; Lansdowne Borough; Springfield Township; Upper Darby Township;

AQ Code:2025M

PLANNING AREA: Developed Community

DOD: 3

PROJECT MANAGER: HNTB/GCG

CMP: Minor SOV Capacity

Adding Subcorr(s): 5E

The project consists of the upgrade and interconnection of 16 signalized intersections along a 3.2-mile multi-lane state route to enhance motor vehicle flow along the corridor. Signalization improvements will specifically involve full modernization of intersection signalization equipment. Existing equipment will be removed and replaced by new equipment including signal supports, traffic controllers, signal heads and all electrical equipment including wires and conduit

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

Intersections in the project are Baltimore and the following cross streets: Bishop, Delmar/Home Depot, Oak, Church Street, Springfield, Diamond, SEPTA Route 102, Marple, Jackson/K-Mart, Scottsdale/Burmout, Martin/Mansfield, Lansdowne, Wycombe, Union, Giant, Penn/Fourth, and Church Lane. Also, on Springfield the following cross streets: Broadway, West Madison and Woodlawn.

TIP Program Years (\$ 000)

Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	
FD	HSIP	25												
FD	TOLL													
FD	STU		60											
UTL	HSIP	563												
CON	HSIP		4,560											
CON	HSIP		78											
		588	4,698	0	0	0	0	0	0	0	0	0	0	
		Total FY2013-2016			5,286	Total FY2017-2020				0	Total FY2021-2024			0

DVRPC FY 2013-2016 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Delaware

MPMS# 50520 *Nether Providence Sidewalks and Trail (TE) SR:3003*

LIMITS Turner Road/Rogers Lane/Possum Hollow Road

Actl Let Date: 5/24/2012

IMPROVEMENT Bicycle/Pedestrian Improvement

MUNICIPALITIES: Nether Providence Township

AQ Code:A2

PLANNING AREA: Developed Community

DOD: 1

PROJECT MANAGER: EE/DVRPC/LS

CMP: Not SOV Capacity Adding

Adding Subcorr(s): 2C, 5C

This project involves the construction of 3700 LF of sidewalk along Turner Road, Rogers Lane, and Possum Hollow Road in the area of the Wallingford Train Station in Nether Providence Township. These sidewalks will connect the Leiper-Smedley Trail with existing walkways and SEPTA's Wallingford train station. The improvements will include installation of new sidewalks along the west side of Turner Road, the south side of Rogers Road, and the north side of Possum Hollow Road. Additionally, curbs, curb bump outs to accommodate parking, pedestrian crosswalk striping, roadway widening, modification of existing culverts, and the potential expansion of the existing train station platform are also proposed.

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

\$344,000 TE funds were approved during the FY 1999 project selection process, to be programmed at the appropriate time, drawing funds from MPMS #64984.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	
CON	STE	30												
		30	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2013-2016			30	Total FY2017-2020				0	Total FY2021-2024			0

MPMS# 57750 *Baltimore Pike Closed Loop Signals SR:2016*

LIMITS Baltimore Avenue, Orange Street to Grandview Avenue

Actl Let Date: 8/19/2010

IMPROVEMENT Signal/ITS Improvements

MUNICIPALITIES: Media Borough; Nether Providence Township

AQ Code:2013M

PLANNING AREA: Developed Community

DOD:

PROJECT MANAGER: CONSTR

CMP: Minor SOV Capacity

Adding Subcorr(s): 2C, 5C, 5D

The proposed project consists of signalization improvements to the Baltimore Pike Closed Loop traffic signal system to ease congestion and improve safety conditions: Upgrade and interconnect 13 traffic signals on Baltimore Pike, Providence Road, and Orange St. in Media Borough and Nether Providence Township. Baltimore Avenue, a two-lane road in Media Borough, currently carries about 16,000 vehicles per day. The four-lane segment in Nether Providence Township carries about 24,000 vehicles per day. This project will improve traffic flow on the Baltimore Pike corridor through Nether Providence Township and Media Borough. This project is intended to complement downtown Media Borough revitalization efforts by improving access. It will also improve air quality by reducing stop-and-go traffic. All work will take place within existing PENNDOT owned right-of-way and previously disturbed areas.

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

TOLL CREDIT

		TIP Program Years (\$ 000)												
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	
CON	CAQ	318												
CON	CAQ		42											
		318	42	0	0	0	0	0	0	0	0	0	0	
		Total FY2013-2016			360	Total FY2017-2020				0	Total FY2021-2024			0

DVRPC FY 2013-2016 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Delaware

MPMS# 57756 **State Rd. from Rt. 3, West Chester Pike SR:2026**

LIMITS to US 1, Township Line Rd.

No Let Date

IMPROVEMENT Signal/ITS Improvements

MUNICIPALITIES: Upper Darby Township

AQ Code:2010M

PLANNING AREA: Developed Community

DOD:

PROJECT MANAGER: CONSTR

CMP:

Funds Account for Accrued Unbilled Costs

Installation of an interconnected closed loop traffic signal system by replacing obsolete traffic controllers at 13 intersections on State Road between Rolling Road and Hilltop Road. The system will be tied via fiber optics to a central monitoring location which will most likely be the Upper Darby Township Building. It will be monitored by Upper Darby's in-house personnel and remote access will be accommodated. Pedestrian poles, pavement markings, and signage will be included.

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

MPMS# 57757 **Morton Avenue / Swarthmore Avenue Intersection Improvements and Morton Avenue Sidewalk SR:2025**

LIMITS Morton Avenue from Swarthmore Avenue and 9th Avenue

Est Let Date: 3/13/2014

IMPROVEMENT Intersection/Interchange Improvements

MUNICIPALITIES: Ridley Township; Rutledge Borough

AQ Code:R1

PLANNING AREA: Developed Community

DOD: 1

PROJECT MANAGER: Gannett/BPM

CMP: Minor SOV Capacity

Adding Subcorr(s): 5C

The project includes widening of the intersection of Morton Ave. and Swarthmore Ave. to provide proper turning radii and left turn lanes. The roadway will be widened and resurfaced at the intersection where needed. Existing lane widths will be maintained except where widening will take place. The new lane widths at this location are 2-12 ft travel lanes, 2-2 ft shoulders and a 10 ft left turn lane. The sidewalk is intermittent through this section of Morton Ave and will be constructed to provide pedestrians with a continuous walkway from Swarthmore Ave. to Ridley High School (9th St.). Traffic signal upgrades/replacement will take pedestrian traffic into account. The four existing traffic signals at the intersection of Morton Ave. and Swarthmore Ave. will be replaced with new signals. The system will be traffic responsive via loop detectors. The project will comply with the Regional ITS Architecture.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	
ROW	TOLL													
ROW	CAQ	220												
ROW	CAQ		950											
CON	CAQ		366											
CON	TOLL													
CON	TOLL													
CON	CAQ				179									
CON	TOLL													
CON	CAQ					1,649								
		220	1,316	0	179	1,649	0	0	0	0	0	0	0	
		Total FY2013-2016			1,715	Total FY2017-2020				1,649	Total FY2021-2024			0

DVRPC FY 2013-2016 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Delaware

MPMS# 57770 *Grant Avenue Bridge Over Muckinipates Creek SR:7023*

LIMITS Over Muckinipates Creek

Actl Let Date: 1/12/2012

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Folcroft Borough; Glenolden Borough

AQ Code:S19

PLANNING AREA: Developed Community

DOD: 1

PROJECT MANAGER: TSS/GANNETT

CMP: Not SOV Capacity Adding

The existing County-owned bridge, constructed in 1928 and posted at twelve tons, shall be completely reconstructed to improve the structural capacity of this relatively high use bridge. The new bridge will have two-lane geometry with a sidewalk similar to the existing construction. The PennDOT sufficiency rating for this bridge is 34.9. The concrete substructure is spalled with exposed and deteriorating reinforcing steel. A final alternative for bridge rehabilitation or replacement is determined upon federal National Environmental Policy Act (NEPA) or state Categorical Exclusion clearance.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	
CON	BOO*	500												
CON	185	125												
		625	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2013-2016			625	Total FY2017-2020				0	Total FY2021-2024			0

MPMS# 57772 *Convent Road Bridge Over Chester Creek (CB# 6) SR:7023*

LIMITS Over Chester Creek

Est Let Date: 2/5/2016

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Aston Township

AQ Code:S19

PLANNING AREA: Developed Community

DOD: 1

PROJECT MANAGER: TSS/GANNETT

CMP: Not SOV Capacity Adding

Adding Subcorr(s): 5B

The County of Delaware is proposing the complete replacement of the Convent Road Bridge. The existing structure is a two-span concrete structure built in 1927 that carries Convent Road over the confluence of Chester Creek and its west branch. Severe deterioration extends through the deck superstructure and substructure, resulting in a 20-ton weight restriction.

The bridge is currently 20 feet wide with a 6 foot wide concrete sidewalk provided on the upstream side of the structure. The bridge is located on a significant horizontal curve at both approaches. Heavy industrial development is present on the northern approach; residential development exists on the southern approach. The two-lane approach roadways are unlined and no safety features are provided.

A new structure will replace the existing bridge along the same alignment; the width of the new structure will be wider than the existing. Although significant changes to the roadway and bridge profile are not anticipated, minor roadway approach work will be required. The new structure will comply with current PennDOT design standards including an increased weight limit, which will allow the passage of larger vehicles. The bridge currently has a PennDOT sufficiency rating of 18.3. This bridge is .1 miles from the Chester Creek Trail. This project is subject to standard PennDOT design procedure as defined in the Bicycle/Pedestrian Facilities checklist.

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

		TIP Program Years (\$ 000)												
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	
CON	STU			3,033										
CON	179A			759										
		0	0	3,792	0	0	0	0	0	0	0	0	0	
		Total FY2013-2016			3,792	Total FY2017-2020				0	Total FY2021-2024			0

DVRPC FY 2013-2016 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Delaware

MPMS# 57773 *Lloyd Street Bridge Over Amtrak/SEPTA Wilmington Newark Rail Line (CB) SR:7301*

LIMITS Over Amtrak/SEPTA R2 Rail Line between 5th Street and 6th Streets

Est Let Date: 5/2/2019

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Chester City

AQ Code:S19

PLANNING AREA: Core City

DOD: 3

PROJECT MANAGER: TSS/GANNETT

CMP: Not SOV Capacity Adding

Adding Subcorr(s): 4D, 6A

Due to structural defects, this project involves rehabilitating or replacing the Lloyd Street bridge, which was constructed in 1899. It is currently posted for five tons that is inadequate since it serves the industrial waterfront. The pedestrian walkways have been closed due to holes in the decking. A final alternative for bridge rehabilitation or replacement is determined upon federal National Environmental Policy Act (NEPA) or state Categorical Exclusion clearance.

TIP Program Years (\$ 000)

Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024
FD	BOO	980											
FD	183	184											
FD	LOC	61											
ROW	BOF					1,219							
ROW	183					228							
ROW	LOC					76							
UTL	BOF						2,262						
UTL	183						424						
UTL	LOC						141						
CON	BOF								4,799				
CON	183								900				
CON	LOC								300				
		1,225	0	0	0	1,523	2,827	0	5,999	0	0	0	0
		Total FY2013-2016			1,225	Total FY2017-2020			10,349	Total FY2021-2024			0

DVRPC FY 2013-2016 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Delaware

MPMS# 57780 Rt. 322/Comm Barry Bridge/I-95 2nd St. Interchange SR:8018

LIMITS Rt 322 Comm. Barry Brdge Ramps to Rt.291

No Let Date

IMPROVEMENT Roadway New Capacity

LRPID:50

MUNICIPALITIES: Chester City

AQ Code:2015M

PLANNING AREA: Core City

DOD: 3

PROJECT MANAGER: TSS/PWB

CMP: Major SOV Capacity

Adding Subcorr(s): 4D, 6A, 8A

This project is geared at improving access to and from the City of Chester and the waterfront area from I-95 and the Commodore Barry Bridge/US 322. The project will involve the partial widening of the Commodore Barry associated with the construction of a new on ramp and a new off ramp from the Commodore Barry Bridge/US 322 to S.R. 0291, Second Street, in the City of Chester. A new westbound on ramp from the intersection of S.R. 0291 & Tilghman Street to the Commodore Barry Bridge/US 322 will be provided. A new eastbound off ramp from the Commodore Barry Bridge/US 322 to S.R. 0291 & Jeffrey Street will be provided. Full depth joint replacements and bearing replacements will be constructed on the bridge through the limits of the bridge widening. Also included in the project are safety and drainage improvements, ramp lighting, guide signing upgrades and new traffic signals at the ramp termini with S.R. 0291. Amtrak involvement in the project due to the partial widening of the Commodore Barry Bridge over Amtrak includes the relocation of two catenary structures and the jacking of a new DRPA storm drain pipe under the railroad. Recently added to this project is the inclusion of a new DELCORA storm drainage outfall pipe from the intersection of S.R. 0291 & Tilghman Streets to the Delaware River.

Project CMP (Congestion Management Process) commitments include strategies such as improvements for bicyclists, pedestrians, and drivers on the existing road network (operations). See DVRPC's 2009 and 2010 annual memoranda on supplemental strategies for details related to this project.

SAFETEA DEMO #4813, PA ID# 623 - \$1 MILLION

SAFETEA DEMO #4735, PA ID# 545 - \$5 MILLION

SAFETEA DEMO #868, PA ID# 358 - \$2.4 MILLION IS ON MPMS #70245

		TIP Program Years (\$ 000)												
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	
CON	STU	122												
CON	NHS*	2,000												
CON	581	500												
CON	NHPP		2,240											
CON	581		560											
		2,622	2,800	0	0	0	0	0	0	0	0	0	0	
		Total FY2013-2016			5,422	Total FY2017-2020				0	Total FY2021-2024			0

DVRPC FY 2013-2016 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Delaware

MPMS# 64790 *MacDade Boulevard Closed Loop Signal System SR:2006*

LIMITS Ashland Avenue to Cherry Street

Est Let Date: 7/15/2015

IMPROVEMENT Signal/ITS Improvements

MUNICIPALITIES: Glenolden Borough; Collingdale Borough

AQ Code:2025M

PLANNING AREA: Developed Community

DOD: 3

PROJECT MANAGER: TSS/DMB

CMP: Minor SOV Capacity

Adding Subcorr(s): 6A

The project limits are along MacDade Boulevard from Ashland Avenue to Cherry Street. The following nine intersections are currently signalized and the equipment will be replaced.

1. MacDade Boulevard & Ashland Avenue,
2. MacDade Boulevard & Cooke Avenue,
3. MacDade Boulevard & Oak Lane (S.R. 2015),
4. MacDade Boulevard & Lafayette Avenue,
5. MacDade Boulevard & Woodlawn Avenue,
6. MacDade Boulevard & Clifton Avenue (S.R. 2013),
7. MacDade Boulevard & Felton Avenue,
8. MacDade Boulevard & Roberta Avenue, and
9. MacDade Boulevard & Cherry Street.

New Intersections added:

- MacDade Boulevard & South Avenue
- MacDade Boulevard & Knowles Avenue

The system will be designed and specified to be traffic responsive capable. During the design phase, the consultant and the Department will determine if the system should initially be implemented with time of day programs or traffic responsive operation. The system will be a true closed loop system where the system will be monitored from either a direct connect or remote central monitoring station. The location of the central monitor and method of connection (s) to the system will be determined during design as part of the System Report and Operation and Maintenance Plan. Each municipality and PennDOT's District 6-0 Office will have access to the system. The access will either be remote (via phone line or internet) or direct connect (via fiber optic cable or wireless communications).

Countdown hand/man pedestrian signal heads and pedestrian push buttons with latching confirmation light and audible confirmation will be proposed. The pedestrian interval timings will be calculated for each signalized intersection during design. Pedestrian accommodations are provided at the signalized intersections. Some of the intersections use standard red-yellow-green signals for pedestrians that will be replaced with universal hand/man pedestrian signal heads.

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

		TIP Program Years (\$ 000)												
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	
UTL	CAQ	875												
CON	CAQ			4,457										
		875	0	4,457	0	0	0	0	0	0	0	0	0	
		Total FY2013-2016			5,332	Total FY2017-2020				0	Total FY2021-2024			0

DVRPC FY 2013-2016 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Delaware

MPMS# 64791 PA 420, Kedron Avenue SR:0420

LIMITS At Franklin Avenue

No Let Date

IMPROVEMENT Intersection/Interchange Improvements

MUNICIPALITIES: Ridley Township

AQ Code:R1

PLANNING AREA: Developed Community

DOD: 1

PROJECT MANAGER: P/CNV

CMP: Minor SOV Capacity

Adding Subcorr(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 and school buses. Proposed solution would be modernization of signals, road widening and channelization. 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	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	
FD	LOC			56										
ROW	LOC				116									
CON	CAQ							863						
		0	0	56	116	0	0	863	0	0	0	0	0	
		Total FY2013-2016			172	Total FY2017-2020				863	Total FY2021-2024			0

MPMS# 64821 Gradyville Road (Bridge) SR:7208

LIMITS PA 252 Newtown St. Rd. Bishop Hollow Rd.

No Let Date

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Newtown Township

AQ Code:S19

PLANNING AREA: Growing Suburb

DOD:

PROJECT MANAGER: TSS/GANNETT

CMP: Not SOV Capacity Adding

Adding Subcorr(s): 10C

This project consists of widening and replacing the existing, functionally obsolete 14-foot single span steel I-beam bridge that carries Gradyville Road over Hunter Run. The proposed structure will be designed to accommodate a 28-foot wide cartway (two 11-foot travel lanes and two 3-foot shoulders) and will provide an increased hydraulic opening. Currently there are two 10.5-foot travel lanes with no shoulder. The project also involves a minimal amount of approach roadway work to tie the bridge into the existing 20-foot wide roadway. Traffic safety features will be upgraded to include adequate guiderail at each bridge approach and adequate bridge deck width. Upon completion of the project, the reconstructed bridge will accommodate one travel lane in each direction on the bridge.

This project included in the Delaware County Bicycle Plan. A final alternative for bridge rehabilitation or replacement is determined upon federal National Environmental Policy Act (NEPA) or state Categorical Exclusion clearance.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	
CON	183	234												
CON	LOC	58												
CON	183			382										
CON	LOC			95										
		292	0	477	0	0	0	0	0	0	0	0	0	
		Total FY2013-2016			769	Total FY2017-2020				0	Total FY2021-2024			0

DVRPC FY 2013-2016 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Delaware

MPMS# 65911 *Marcus Hook Streetscape (TE) SR:0013*

LIMITS US 13, Delaware State Line to Trainer Borough

No Let Date

IMPROVEMENT Streetscape

MUNICIPALITIES: Marcus Hook Borough

AQ Code:X12

PLANNING AREA: Developed Community

DOD: 2

PROJECT MANAGER: EE/DVRPC/JB

CMP: Not SOV Capacity Adding

Adding Subcorr(s): 6A

The Marcus Hook Streetscape Improvement Project looks to improve the appearance of SR 0013 (Post Road / 10th Street) and SR 0452 (Market Street), improve pedestrian and bicycle facilities, rescale the highway to suit current conditions, and construct the Borough's portion of the larger East Coast Greenway.

The improvements are divided into three sections: refinery, business, and residential. The refinery section extends from the Delaware/Pennsylvania state line to Green Street. The improvements will include traffic calming devices, landscaping, traffic signal equipment replacement, restriping of the roadway to reduce the cartway from four lanes to two lanes, with dedicated left turn lanes and signage. The transition from four lanes to two lanes will begin in the State of Delaware. The business section extends from Green Street to the railroad tracks, approximately 170 feet from McClenachan Terrace. The improvements will include traffic calming devices, landscaping, concrete pavers, parking meter replacement, traffic signal equipment replacement, restriping of the roadway and signage.

The residential section extends from the railroad tracks to Marcus Hook Creek. The improvements will include traffic calming devices, landscaping, traffic signal equipment replacement, restriping of the roadway and signage.

Landscaping, construction of East Coast Greenway multi-use path, and reduction of through lanes on Route 13 from 4 lanes to 2. Additional interpretive signage is planned through the industrial section.

This road segment is included in the Delaware County Bicycle Plan. In the spring of 2002 this project was recommended for funding through the Transportation Enhancements Program. \$1,507,000 will be drawn from MPMS #64984 at the appropriate time.

TIP Program Years (\$ 000)															
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024		
CON	STU		1,507												
CON	TOLL														
		0	1,507	0	0	0	0	0	0	0	0	0	0		
Total FY2013-2016		1,507			Total FY2017-2020				0				Total FY2021-2024		0

MPMS# 65914 *Sharon Hill Train Station Rehabilitation (TE)*

LIMITS At SEPTA R2 Sharon Hill Station

No Let Date

IMPROVEMENT Streetscape

MUNICIPALITIES: Sharon Hill Borough

AQ Code:M8

PLANNING AREA: Developed Community

DOD: 3

PROJECT MANAGER: EE/DVRPC/LS

CMP: Not SOV Capacity Adding

Repair and replacement of serpentine stone on the exterior of the building, installation of a new floor, replacement of panels, trim and glass, the painting and finishing of walls, ceilings and trim. The adjacent roadway is included in the Delaware County Bicycle Plan.

In the spring of 2002 this project was recommended for funding through the Transportation Enhancements (TE) Program. \$342,000 will be drawn from MPMS #64984 at the appropriate time.

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

DVRPC FY 2013-2016 TIP for PA

Final 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: 10/2/2015

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Chadds Ford Township; Pennsbury Township

AQ Code:S19

PLANNING AREA: Growing Suburb

DOD: 1

PROJECT MANAGER: TSS/SPF

CMP: Not SOV Capacity Adding

SR 3101, Section DRB, South Creek Road over Brandywine Creek in Chadds Ford Township, Delaware County. The project involves rehabilitating or replacing an existing structurally deficient 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.

TOLL CREDIT

		TIP Program Years (\$ 000)																							
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024												
FD	BOO	583																							
ROW	STU		240																						
UTL	STU		255																						
CON	STP								18,658																
		583	495	0	0	0	0	0	18,658	0	0	0	0												
		Total FY2013-2016				1,078				Total FY2017-2020				18,658				Total FY2021-2024				0			

DVRPC FY 2013-2016 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Delaware

MPMS# 69815 US 322, Environmental Mitigation (MIT) SR:0322

LIMITS US 1 to West of CSX Railroad bridge

Est Let Date: 9/25/2014

IMPROVEMENT Other

LRPID:50

MUNICIPALITIES: Upper Chichester Township; Bethel Township; Concord Township

AQ Code:S2

PLANNING AREA: Developed Community; Growing Suburb

DOD: 0

PROJECT MANAGER: TSS/PWB

CMP: Not SOV Capacity Adding

Adding Subcorr(s): 8A

The project involves mitigation measures for widening and improving SR 3025 to a four lane typical section with a median barrier from US Route 1 in Concord Township, through Bethel Township, to just west of the CSX Bridge in Upper Chichester Township. The project includes development of a wetland mitigation site on the former Patterson tract in Thornbury Township, Delaware County and relocation of the Department's maintenance facility at SR 3025 and SR 261 to the eastern end of the project at SR 3025 near the CSX bridge, including jug handles, left turn lanes, in addition to other necessary revisions. The relocation of the maintenance facility will involve development of the new site with buildings, storage and parking.

ROW and UTL for this project will be completed under MPMS# 69816.

		TIP Program Years (\$ 000)											
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024
ROW	STU	1,020											
UTL	STU	371											
CON	NHPP		3,406										
CON	SXF		1,446										
CON	581		905										
CON	NHPP			7,025									
CON	SXF			627									
CON	581			1,913									
		1,391	5,757	9,565	0	0	0	0	0	0	0	0	0
		Total FY2013-2016		16,713		Total FY2017-2020				0			
						Total FY2021-2024				0			

DVRPC FY 2013-2016 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Delaware

MPMS# 69816 *US 322, US 1 to Featherbed Lane (Section 101) SR:0322*

LIMITS US 1 to Featherbed Lane

Est Let Date: 1/5/2017

IMPROVEMENT Roadway New Capacity

LRPID:50

MUNICIPALITIES: Concord Township

AQ Code:2025M

PLANNING AREA: Growing Suburb

DOD: 1

PROJECT MANAGER: TSS/PWB

CMP: Major SOV Capacity

Adding Subcorr(s): 5B, 8A

The project involves widening SR 322 (currently two lanes) to a four lane typical section with a median barrier from US Route 1 in Concord Township to east of Mattson Road/Featherbed Lane near Clayton Park and the Bethel Township line. Auxiliary right turn lanes will be provided at intersections.

Intersection improvements will include the following:

- Reconstruction of existing traffic signal at US Route 1 and construction of additional turn lanes on SR 322.
- Elimination of through and left turn traffic movements on Spring Valley Road and left turn traffic movements on SR 322.
- Reconstruction of existing traffic signal at Fellowship Road/Station Road Connector and reconstruction of Fellowship Road intersection to accommodate 4 lanes on SR 322 and a turn lane on Station Road Connector.
- Elimination of left turns from and into Station Road (SR 3025).
- Construction of a jughandle and a new traffic signal at Cambridge Drive intersection.
- Construction of a new traffic signal at Mattson Road/Featherbed Lane.

Although the widening from two lanes to four lanes will primarily entail widening to the south of the existing road to make use of the available right-of way, widening to the north or about the center will be done at some locations to minimize impacts to environmental and community resources. The bridge over SEPTA/ Webb Creek and the bridge over Smith Bridge Road will be replaced. Sound barriers and retaining walls will also be constructed in this section. This project may include other revisions as necessary.

See MPMS #14747 for design funding.

This project includes ROW and UTL work for MPMS# 69815.

MPMS #'s 69815, 69816, and 69817 contain construction phases for the US 322 project.

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

		TIP Program Years (\$ 000)											
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024
ROW	STU	2,800											
ROW	581	700											
CON	NHS					43,901							
CON	NHPP					34,839							
CON	NHS						3,313						
		3,500	0	0	0	78,740	3,313	0	0	0	0	0	0
		Total FY2013-2016				Total FY2017-2020				Total FY2021-2024			
		3,500				82,053				0			

DVRPC FY 2013-2016 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Delaware

MPMS# 69817 **US 322, Featherbed Lane to I-95 (Section 102) SR:0322**

LIMITS East Mattson Road/Featherbed Lane to just West of CSX bridge in Upper Chichester Township

Est Let Date: 1/10/2019

IMPROVEMENT Roadway New Capacity

LRPID:50

MUNICIPALITIES: Upper Chichester Township; Bethel Township; Concord Township

AQ Code:2025M

PLANNING AREA: Developed Community; Growing Suburb

DOD: 2

PROJECT MANAGER: TSS/PWB

CMP: Major SOV Capacity

Adding Subcorr(s): 8A

The project involves widening and improving 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 west of the CSX Bridge in Upper Chichester Township. The existing two lane section of SR 322 will be widened to 4 or 5 lanes with jughandles or exclusive left turn lanes to accommodate left turns at intersections. Between Chelsea Parkway and Cherry Tree Road a fifth center lane will accommodate left turns into and out of the adjacent commercial properties. Auxiliary right turn lanes will be provided at intersections. The existing four lane section from east of Cherry Tree Road to just west of the CSX Bridge will be improved.

Intersection Improvements will include the following:

- Closure of existing intersection of Garnet Mine Road (SR 3038, west of Foulk Road intersection).
- Reconstruction of Foulk Road (SR 261) interchange to a diamond configuration, including two new traffic signals.
- Construction of a new traffic signal at SR 322 eastbound ramps and Garnet Mine Road (SR 3038).
- Elimination of left turns from and into Colonial Drive.
- Reconstruction of existing traffic signal at Creek Parkway and reconstruction of Creek Parkway intersection to accommodate 4 lanes on SR 322.
- Elimination of left turns from and into Sommers Lane.
- Reconstruction of existing traffic signal at Chelsea Parkway and reconstruction of Chelsea Parkway intersection to accommodate 4 lanes on SR 322.
- Reconfiguration and reconstruction of Cherry Tree Road/Bethel Road intersection to accommodate 4 lanes on SR 322, including construction of a new traffic signal, a Bethel Road connector and left turn lanes on SR 322.
- Reconstruction of Market Street (SR 452) interchange to a partial cloverleaf configuration, including two new traffic signals.

Although the widening from two lanes to four lanes will primarily entail widening to the south of the existing road to make use of the available right-of way, widening to the north or about the center will be done at some locations to minimize impacts to environmental and community resources. The project includes the replacement of 10 bridges and major culverts. Sound barriers and retaining walls will also be constructed in this section. This project may include other revisions as necessary.

See MPMS #14747 for design funding. MPMS #'s 69815, 69816, and 69817 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	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024
ROW	NHS	6,038											
ROW	581	1,509											
UTL	SXF	920											
UTL	581	244											
CON	NHS							26,760					
CON	581							6,690					
CON	NHS								14,000				
CON	581								3,500				
CON	NHS									34,027			
CON	581									3,000			
CON	NHS										30,000		
CON	581										7,500		
CON	581											5,506	
		8,711	0	0	0	0	0	33,450	17,500	37,027	37,500	5,506	0
		Total FY2013-2016		8,711		Total FY2017-2020		50,950		Total FY2021-2024		80,033	

DVRPC FY 2013-2016 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Delaware

MPMS# 70219 PA 291, East Coast Greenway

LIMITS Darby Creek to Wanamaker Avenue

Est Let Date: 8/28/2014

IMPROVEMENT Bicycle/Pedestrian Improvement

MUNICIPALITIES: Tincum Township

AQ Code:A2

PLANNING AREA: Developed Community

DOD: 2

PROJECT MANAGER: EE/DVRPC/LS

CMP: Not SOV Capacity Adding

Adding Subcorr(s): 4C, 6A

Construction of the East Coast Greenway in Tincum Township, including approximately 3500 feet of multi-use hard surface trail on the south side of Route 291 from Darby Creek to 2nd street, amenities and signing. Once fully connected to adjacent segments of the East Coast Greenway, this trail is intended principally for transportation purposes, including trips to work, school, shops and services. Also included in the project is construction of the Tincum-Fort Mifflin trail, which is approximately 3200 feet of multi-use hard surface trail along the southerly side of 2nd Street, which will connect the main trail proposed through Tincum Township to the Fort Mifflin National Park site. Additional funding is included in project MPMS# 71200. This project is proposed for inclusion in the Delaware County Bicycle Plan.

TOLL CREDIT

		TIP Program Years (\$ 000)												
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	
CON	CAQ		1,144											
CON	TOLL													
		0	1,144	0	0	0	0	0	0	0	0	0	0	
		Total FY2013-2016			1,144	Total FY2017-2020				0	Total FY2021-2024			0

MPMS# 70228 I-476, MacDade Boulevard Ramp Improvements SR:2006

LIMITS I-476 to Fairview Road

Est Let Date: 12/15/2015

IMPROVEMENT Intersection/Interchange Improvements

MUNICIPALITIES: Ridley Township

AQ Code:R3

PLANNING AREA: Developed Community

DOD: 1

PROJECT MANAGER: AECOM/MMP

CMP: Minor SOV Capacity

Adding Subcorr(s): 2D, 6A

Channelization & signalization of shopping center entrance and reconfiguration of northbound I-476 / eastbound MacDade Boulevard off-ramp. Traffic safety concerns generated the need for this project. Congestion on I-476 Northbound causes drivers to exit at MacDade Blvd, cross 4 lanes of traffic, and reenter I-476. The project also includes the creation of a full access signalized intersection at a local shopping center. A former uncontrolled median opening at the shopping center entrance was closed due to excessive accidents.

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

		TIP Program Years (\$ 000)												
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	
FD	STP	200												
CON	NHPP				5,165									
CON	581				574									
		200	0	0	5,739	0	0	0	0	0	0	0	0	
		Total FY2013-2016			5,939	Total FY2017-2020				0	Total FY2021-2024			0

DVRPC FY 2013-2016 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Delaware

MPMS# 70245 *Chester City Access Improvements II SR:2028*

LIMITS Chestnut Street/Morton Avenue, 10th Street to 12th

Est Let Date: 2/27/2014

IMPROVEMENT Intersection/Interchange Improvements

MUNICIPALITIES: Chester City

AQ Code:R1

PLANNING AREA: Core City

DOD: 5

PROJECT MANAGER: HNTB/GCG

CMP: Not SOV Capacity Adding

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

This project entails the improvement of the Chestnut Street and Morton Avenue corridor which provides mobility between I-95 and PA 291 in the City of Chester, Delaware County, PA. Specifically, work includes the widening of Chestnut Street from I-95 to 5th Street without adding additional travel lanes, and the reconfiguration of the intersections at 12th /Chestnut St., Chestnut St./10th St./ Morton Ave. (SR 0013), and Morton/Potter/5th/6th. Also includes drainage improvements, signalization and signing improvements along the corridor; vertical clearance improvements at the Amtrak overpass; and minor rehabilitation and painting of the I-95 overpass and maintenance of traffic during construction. This project was broken out from MPMS # 57780/TIP #7915.

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

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

TIP Program Years (\$ 000)

Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024		
FD	STP	714													
FD	581	179													
ROW	NHPP			257											
ROW	581			64											
UTL	NHPP		248												
UTL	581		62												
UTL	NHPP			152											
UTL	581			38											
CON	STP					7,094									
CON	581					1,773									
		893	310	511	0	8,867	0	0	0	0	0	0	0		
		Total FY2013-2016				1,714	Total FY2017-2020				8,867	Total FY2021-2024			0

DVRPC FY 2013-2016 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Delaware

MPMS# 71200 PA 291, East Coast Greenway/Industrial Heritage Highway (TE) SR:0291

LIMITS 2nd Street, Poolsen Avenue to 4th Avenue

No Let Date

IMPROVEMENT Bicycle/Pedestrian Improvement

MUNICIPALITIES: Tinicum Township

AQ Code:A2

PLANNING AREA: Developed Community

DOD: 2

PROJECT MANAGER: EE/DVRPC/LS

CMP: Not SOV Capacity Adding

Adding Subcorr(s): 4C, 6B

Construction of the East Coast Greenway in Tinicum Township, including approximately 3500 feet of multi-use hard surface trail on the south side of Route 291 from Darby Creek to 2nd street, amenities and signing. Also included in the project is construction of the Tinicum-Fort Mifflin trail, which is approximately 3200 feet of multi-use hard surface trail along the southerly side of 2nd Street (SR 2002), which will connect the main trail proposed through Tinicum Township to Fort Mifflin. Additional funding is included in project MPMS# 71200. Additional funding is included in MPMS# 70219

This project is included in the Delaware County Bicycle Plan.

\$700,000 TE funds were approved during the FY2004 project selection process, to be programmed at the appropriate time, drawing funds from MPMS #64984.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	
CON	STU		200											
CON	TOLL													
CON	STP		100											
		0	300	0	0	0	0	0	0	0	0	0	0	
		Total FY2013-2016			300	Total FY2017-2020				0	Total FY2021-2024			0

MPMS# 71202 East Coast Greenway/Chester Riverfront Improvements, Phase II (TE) SR:0291

LIMITS Flower Street and Highland Avenue, PA 291 to River

No Let Date

IMPROVEMENT Bicycle/Pedestrian Improvement

MUNICIPALITIES: Chester City

AQ Code:X12

PLANNING AREA: Core City

DOD: 3

PROJECT MANAGER: W/DVRPC/RG

CMP: Not SOV Capacity Adding

Connect portion of East Coast Greenway/Riverwalk with Rt. 291 along Flower Street and Highland Avenue. See companion projects MPMS #'s 65912 and 65923.

\$517,500 TE funds were approved during the FY2004 project selection process, to be programmed at the appropriate time, drawing funds from MPMS #64984.

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

DVRPC FY 2013-2016 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Delaware

MPMS# 72913 *Chester Commercial Business District (HTSSRS)*

LIMITS Avenue of the States/Welsh Street/East 6th Street

No Let Date

IMPROVEMENT Streetscape

MUNICIPALITIES: Chester City

AQ Code:A2

PLANNING AREA: Core City

DOD: 4

PROJECT MANAGER: EE/DVRPC/LS

CMP: Not SOV Capacity Adding

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

Specific improvements will include streetscape enhancements that include new curbs, sidewalks, lighting, landscaping and other improvements along the triangle of streets created by the 600 blocks of Avenue of the States and Welsh Street, and East Sixth Street between Avenue of the States and sixth Street. The project seeks to build upon the ongoing revitalization of the City of Chester's Central Business District (CBD).

This project was recommended in the spring of 2005 for funding through the HTSSRS program. \$922,300 funding will be drawn down at the appropriate time.

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

MPMS# 74840 *Commodore Barry Bridge Security Improvements - DRPA*

LIMITS Commodore Barry Bridge

No Let Date

IMPROVEMENT Other

MUNICIPALITIES: Philadelphia City

AQ Code:NRS

PLANNING AREA: Core City

DOD: 3

PROJECT MANAGER: HNTB/NV

CMP: Not SOV Capacity Adding

Adding Subcorr(s): 4D

This project will include several security improvements to the Commodore Barry Bridge; including electronic surveillance and detection, increased lighting, bridge hardening, and construction inspection. Funds will also be used for eligible operating expenses including traffic monitoring, traffic management, and system maintenance. Funded by SAFETEA-LU earmark in the amount of \$1,000,000 (ID #4816/PA ID#626).

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

DVRPC FY 2013-2016 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Delaware

MPMS# 75610 *Post Road Grade Crossing*

LIMITS
IMPROVEMENT

No Let Date

MUNICIPALITIES:
PLANNING AREA:

AQ Code:X
DOD:

PROJECT MANAGER: _____ CMP: _____

FUNDS ACCOUNT FOR ACCRUED UNBILLED COSTS.

Railroad grade crossing.

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

MPMS# 75800 *College Avenue Bridge Over SEPTA Norristown High Speed Line*

LIMITS Over SEPTA Norristown High Speed Line
IMPROVEMENT Bridge Repair/Replacement

Est Let Date: 2/15/2016

MUNICIPALITIES: Haverford Township
PLANNING AREA: Developed Community

AQ Code:S19
DOD: 1

PROJECT MANAGER: HNTB/NV _____ CMP: Not SOV Capacity Adding _____ Adding Subcorr(s): 7B

This project involves rehabilitating or replacing the College Avenue (SR 1026) bridge over SEPTA. The current bridge is on a substandard vertical curve in order to provide clearance for SEPTA. This road segment is included in the Delaware County Bicycle Plan. A final alternative for bridge rehabilitation or replacement is determined upon federal National Environmental Policy Act (NEPA) or state Categorical Exclusion clearance.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	
FD	916	840												
FD	916		362											
ROW	916		840											
UTL	916			1,238										
CON	916				6,763									
		840	1,202	1,238	6,763	0	0	0	0	0	0	0	0	
		Total FY2013-2016			10,043	Total FY2017-2020				0	Total FY2021-2024			0

DVRPC FY 2013-2016 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Delaware

MPMS# 77085 *Ruth Bennett House*

LIMITS At 2nd Street and Reaney Street

Est Let Date: 3/16/2015

IMPROVEMENT Other

MUNICIPALITIES: Chester City

AQ Code:NRS

PLANNING AREA: Core City

DOD: 3

PROJECT MANAGER: TSS/PWB

CMP: Not SOV Capacity Adding

Adding Subcorr(s): 2D, 4D, 6A, 8A

This project provides for the rehabilitation of the historic Ruth Bennett House in the City of Chester. This project serves as a mitigation for impacts of MPMS #57780. Projects MPMS #'s 77085, 92315, 92316, and 92317 all contain components of required mitigation activities for this structure.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	
CON	STU			176										
CON	581			2,115										
		0	0	2,291	0	0	0	0	0	0	0	0	0	
		Total FY2013-2016			2,291	Total FY2017-2020				0	Total FY2021-2024			0

MPMS# 77450 *Lansdowne Gateway Park & Pedestrian/Bike Trail (TE)*

LIMITS Darby Creek, Gateway Park to Hoffman Park

Est Let Date: 8/9/2012

IMPROVEMENT Bicycle/Pedestrian Improvement

MUNICIPALITIES: Lansdowne Borough

AQ Code:A2

PLANNING AREA: Developed Community

DOD: 2

PROJECT MANAGER: EE/DVRPC/RG

CMP: Not SOV Capacity Adding

Adding Subcorr(s): 5E

This project involves the creation of a gateway park on approximately 2 acres of vacant land located at the western entrance to the Borough. A pedestrian & bike path will be constructed to connect the gateway park to Hoffman Park (the borough's major recreational park located along the Darby Creek). The path will provide pedestrian access to the inbound side of SEPTA's Gladstone Station.

In the spring of 2006, this project was recommended for funding through the TE Program. \$368,000 will be drawn from MPMS #64984 at the appropriate time.

This project is included in the Delaware County Bicycle Plan.

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

DVRPC FY 2013-2016 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Delaware

MPMS# 77460 *Lincoln Avenue Renaissance Project (TE) SR:0420*

LIMITS Lincoln Avenue, Maryland Avenue to Chester Pike

No Let Date

IMPROVEMENT Streetscape

MUNICIPALITIES: Prospect Park Borough

AQ Code:X12

PLANNING AREA: Developed Community

DOD: 3

PROJECT MANAGER: EE/DVRPC/JB

CMP: Not SOV Capacity Adding

Improving the visual edges of Lincoln Ave. by installing plantings and small markers such as decorative fencing. Improvements to the SEPTA train station landscaping will be implemented. Additional improvements include street lights, furniture, benches, trash receptacles, sign posts, street name signs, and minor sidewalk and curb repair.

In the spring of 2006 this project was recommended for funding through the Home Town Streets Program. \$632,500 will be drawn from MPMS #64984 at the appropriate time.

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

		TIP Program Years (\$ 000)												
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	
CON	STU	633												
CON	TOLL													
		0	633	0	0	0	0	0	0	0	0	0	0	
		Total FY2013-2016			633	Total FY2017-2020				0	Total FY2021-2024			0

MPMS# 77472 *Knowles Avenue Sidewalk and Underpass (TE)*

LIMITS Macdade Boulevard to Llanwellyn Avenue

Actl Let Date: 7/21/2011

IMPROVEMENT Bicycle/Pedestrian Improvement

MUNICIPALITIES: Glenolden Borough

AQ Code:A2

PLANNING AREA: Developed Community

DOD: 1

PROJECT MANAGER: AECOM/KS

CMP: Not SOV Capacity Adding

Install 1200 linear feet of 4' wide sidewalk and curb on main access to Glenolden School along Knowles Avenue. Construct a pedestrian underpass at the CSX railroad tracks. Stabilize and install a retaining wall along eastern side of Knowles Ave. to stop the erosion and protect the new sidewalks.

In the spring of 2006 this project was recommended for funding through the Safe Routes to School Program. \$1,000,000 will be drawn from MPMS #64984 at the appropriate time.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	
CON	STE*	250												
		250	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2013-2016			250	Total FY2017-2020				0	Total FY2021-2024			0

DVRPC FY 2013-2016 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Delaware

MPMS# 80051 **Rosemont Avenue Bridge Over Darby Creek (CB #73)**

LIMITS Over Darby Creek

Est Let Date: 7/15/2015

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Springfield Township; Upper Darby Township

AQ Code:S19

PLANNING AREA: Developed Community

DOD: 2

PROJECT MANAGER: TSS/GANNETT

CMP: Not SOV Capacity Adding

Adding Subcorr(s): 5E

This project includes the complete replacement of the Delaware County Bridge #73, a 72' single span, narrow, severely deteriorated, 12 ton concrete encased steel bridge construction in 1921. The project will include minor improvements to be the approach roadway and safety features associated with the bridge. The bridge is located at a T-intersection. The replacement structure will be single span bridge designed to meet current PennDOT standards.

The benefit to the bridge replacement project is that it will ensure the preservation of this stream crossing for the estimated 3,798 vehicles per day (as recorded in 2003) which currently use the bridge. The project will also greatly improve the load carrying capacity of the structure, improve the roadway and bridge geometry, and provide current safety features.

The existing bridge will be removed and replaced. The bicycle and pedestrian checklists will be incorporated into the project.

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

TIP Program Years (\$ 000)

Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024
ROW	BOF		96										
ROW	179A		24										
UTL	STU		38										
UTL	179A		10										
CON	BOF			1,238									
CON	179A			309									
CON	STU				1,238								
CON	179A				309								
		0	168	1,547	1,547	0	0	0	0	0	0	0	0
		Total FY2013-2016		3,262		Total FY2017-2020			0	Total FY2021-2024			0

Pennsylvania - Highway Program (Status: TIP)

Delaware

MPMS# 85971 *Delaware ADA Ramps - Phase II*

LIMITS Delaware County

No Let Date

IMPROVEMENT Bicycle/Pedestrian Improvement

MUNICIPALITIES: Various

AQ Code:A2

PLANNING AREA:

DOD:

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

The purpose of this project is to reconstruct existing curb cut ramps to the latest ADA design criteria at various locations. Ramps will be installed in the following locations:

SR 3001 - Kerlin Street, Upland Avenue
From Ninth Street (SR 13) to Main Street (SR 3003)

SR 3005 - Flower Street, Edwards Street
From 2nd Street (SR 291) to Concord Street

SR 3033 - Engle Street
From 9th Street (SR 13) to Tolston Street/13th Street

SR 3035 - Highland Avenue
Intersection of 15th Street

SR 3006 - Ridge Road, 9th Street
From Market Street (SR 452) to Highland Avenue (SR 13)

SR 3011 - Blue Ball Avenue
Intersection of Ridge Road (SR 3006)

SR 3003 - Upland Road, Main Street
From Edgmont Avenue (SR 352) to 6th Street

SR 3004 - Concord Avenue
From Central Avenue to Kerlin Street (SR 3001)/9th Street (SR 13)

SR 2028 - Morton Avenue
From 2nd Street (SR 291) to 9th Street (SR 13)

SR 352 - Edgmont Avenue
From 9th Street (SR 13) to Cambridge Road/Coeburn Road

SR 2030 - Upland Avenue
From Edgmont Avenue (SR 352) to Providence Road (SR 320)

SR 3002 - Upland Avenue
From Edgmont Avenue (SR 352) to 22nd Street (SR 2006)

SR 291 - Price Street, 2nd Street, Industrial Highway, Governor Printz Boulevard
From Post Road (SR 13) to Fifth Avenue

SR 291 SB - Governor Printz Boulevard
From Jansen Avenue to Fifth Street

SR 2002 - Wanamaker Avenue, 2nd Street
From Governor Printz Boulevard (SR 291) to Putcon Avenue

SR 2029 - Fourth Avenue
From Iroquois Street to Governor Printz Boulevard (SR 291)

SR 320 - Madison Street, Providence Avenue, Chester Road, Sproul Road, Spring Mill Road
From 2nd Street (SR 291) to County Line Road

SR 2006 - Upland Avenue, 22nd Street, MacDade Boulevard
From Kerlin Street (SR 3001) to Chester Pike (SR 13)

DVRPC FY 2013-2016 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Delaware

- SR 2035 - Fairview Road
From Chester Pike (SR 13) to Chester Road (SR 320)
- SR 2005 - Main Street, Lansdowne Avenue, Darby Road
From Cobbs Creek to Ardmore Avenue (SR 1018)
- SR 1011 - East Darby Road
From Darby Road (SR 2005) to Eagle Road (SR 1005)
- SR 2009 - Springfield Road
From MacDade Boulevard (SR 13) to Baltimore Avenue (SR 2016)
- SR 2009 - Springfield Road
From Oak Avenue (SR 2015) to Sproul Road (SR 320)
- SR 2006 - Baltimore Avenue
From Oak Avenue (SR 2015) to Church Lane (SR 13)

		TIP Program Years (\$ 000)												
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	
CON	TOLL													
CON	STU	160												
		160	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2013-2016	160		Total FY2017-2020				0	Total FY2021-2024				0

MPMS# 86368 **Mount Alverno Road Bridge Over Chester Creek (CB #9)**

LIMITS Over Chester Creek

Est Let Date: 1/7/2016

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Middletown Township; Aston Township

AQ Code:S19

PLANNING AREA: Developed Community

DOD: 1

PROJECT MANAGER: TSS/GANNETT

CMP: Not SOV Capacity Adding

The project will include the replacement of a single span, concrete bridge constructed in 1926. The structure is located in Aston and Middletown Townships. The bridge has the following condition ratings: deck - N, super - 3, sub - 5. This bridge is an arch under fill and therefore does not have a deck. Sufficiency rating: 33.7

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

		TIP Program Years (\$ 000)												
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	
ROW	STU			50										
ROW	179A			12										
UTL	STU			50										
UTL	179A			12										
CON	BOF					2,102								
CON	183					394								
CON	LOC					131								
		0	0	124	0	2,627	0	0	0	0	0	0	0	
		Total FY2013-2016	124		Total FY2017-2020				2,627	Total FY2021-2024				0

DVRPC FY 2013-2016 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Delaware

MPMS# 86370 *Tribbitt Avenue Bridge Over Hermesprota Creek (CB #237)*

LIMITS Over Hermesprota Creek

No Let Date

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Darby Township; Folcroft Borough

AQ Code:S19

PLANNING AREA: Developed Community

DOD: 0

PROJECT MANAGER: TSS/GANNETT

CMP: Not SOV Capacity Adding

Adding Subcorr(s): 6A

This project involves replacing or rehabilitating a single span, concrete slab bridge located in Folcroft Borough and Darby Township. The bridge has the following condition ratings: deck - 5, super - 5, sub - 4. Sufficiency rating: 41.8

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

		TIP Program Years (\$ 000)											
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024
FD	BOO	297											
FD	179A	75											
ROW	STU				46								
ROW	179A				12								
UTL	BOF					48							
UTL	183					9							
UTL	LOC					3							
CON	BOF							2,027					
CON	183							380					
CON	LOC							127					
		372	0	0	58	60	0	2,534	0	0	0	0	0
		Total FY2013-2016			430	Total FY2017-2020			2,594	Total FY2021-2024			0

DVRPC FY 2013-2016 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Delaware

MPMS# 87119 *Nether Providence Township Sidewalks (SRTSF) - Round 1*

LIMITS Wallingford Avenue

Est Let Date: 11/14/2014

IMPROVEMENT Bicycle/Pedestrian Improvement

MUNICIPALITIES: Nether Providence Township

AQ Code:A2

PLANNING AREA: Developed Community

DOD: 1

PROJECT MANAGER:

CMP: Not SOV Capacity Adding

Adding Subcorr(s): 5C

This project will install sidewalks and curbing along the north side of Wallingford Avenue, which will create a safer route to Wallingford Elementary School.

Improvements include constructing new sidewalks on 4,425 linear feet of Wallingford Avenue (SR 3024), designated a Hazardous Walking Route by PennDOT per March 2005 DVRPC Study. This will delete Wallingford Avenue from the Hazard Route list.

This project was awarded \$304,500 in federal Safe Routes to School (SRTSF) funding in May of 2009.

This project was awarded \$225,000 TAU funds in June of 2014 for construction, which will be drawn from the TAP line item (MPMS #64984) at the appropriate time."

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

		TIP Program Years (\$ 000)												
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	
PE	SRTSF*		65											
CON	SRTSF		239											
		0	304	0	0	0	0	0	0	0	0	0	0	
		Total FY2013-2016			304	Total FY2017-2020				0	Total FY2021-2024			0

DVRPC FY 2013-2016 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Delaware

MPMS# 87120 *Upper Darby Township Sidewalks (SRTSF) - Round 1*

LIMITS Township Line Road

Est Let Date: 8/15/2014

IMPROVEMENT Bicycle/Pedestrian Improvement

MUNICIPALITIES: Upper Darby Township

AQ Code:A2

PLANNING AREA: Developed Community

DOD: 1

PROJECT MANAGER:

CMP: Not SOV Capacity Adding

Adding Subcorr(s): 5C

This project will construct sidewalks, curb cuts, and other improvements to provide a safer route leading to the Aronimink Elementary School on Bond Avenue.

Improvements include construction of sidewalks along the west side of Township Line Road to commence at Pilgrim Lane to the convergence of TLR and State Road (SR); construction of 6 curb cuts for ramps at the west side of TLR at both corners of Bella Vista Road (BVR), 2 on the north corner of BVR and 4 at the south corner of BVR (Includes Crosswalk for Pedestrians); installation of guard railing along the west side of TLR from the north corner of BVR to the south corner of BVR; installation of 140 linear feet (l.f.) of retaining wall along west side of TLR within the north & south corners of BVR.

This project was awarded \$242,893 in federal Safe Routes to School (SRTSF) funding in May of 2009.

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

Federal Safe Routes to School Program

		TIP Program Years (\$ 000)												
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	
FD	TOLL													
FD	STP	8												
CON	SRTSF		190											
		8	190	0	0	0	0	0	0	0	0	0	0	
		Total FY2013-2016			198	Total FY2017-2020				0	Total FY2021-2024			0

MPMS# 88407 *I-95 Overhead Bridges*

LIMITS Bridges over I-95

No Let Date

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES:

AQ Code:S19

PLANNING AREA:

DOD:

PROJECT MANAGER: AECOM/CB

CMP: Not SOV Capacity Adding

Adding Subcorr(s): 4D, 6A

This project entails rehabilitation and painting of eight (8) bridges spanning I-95 in the City of Chester. The estimated construction cost of this project is \$20,000,000 - \$25,000,000. The bridges are the Crosby Street Pedestrian Bridge, Edgemont Ave., Madison Street, Upland Street, Potter Street, Walnut Street Pedestrian Bridge, Chestnut Street and Melrose Ave. The Potter Street and Melrose Ave. bridges will have their decks replaced. The Chestnut Street Bridge will have a bituminous overlay and the rocker bearings reset. The Upland Street Bridge deck will have an LMC overlay. All bridges will have miscellaneous concrete repairs, have the protective fence repaired or replaced, and will be painted

		TIP Program Years (\$ 000)												
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	
FD	185	300												
CON	STU											10,564		
CON	STP												4,966	
CON	STU												10,565	
		300	0	0	0	0	0	0	0	0	0	10,564	15,531	
		Total FY2013-2016			300	Total FY2017-2020				0	Total FY2021-2024			26,095

DVRPC FY 2013-2016 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Delaware

MPMS# 90473 *Highland Avenue Grade Crossing*

Return

LIMITS

No Let Date

IMPROVEMENT Intersection/Interchange Improvements

MUNICIPALITIES: Chester City

AQ Code:S1

PLANNING AREA: Core City

DOD: 3

PROJECT MANAGER: MAL

CMP: Not SOV Capacity Adding

This rail crossing improvement is part of the Chester Waterfront Rail Redevelopment project, and will include pavement embedded repairs, upgraded vehicular gates and flashers, pedestrian gates and access points and curbing and roadway markings.

As part of the off-site infrastructure improvements necessary to facilitate the Chester waterfront redevelopment project, the City of Chester is applying for \$700,000 in Rail Freight Assistance Program (RFAP) funding to upgrade four existing rail crossings, which includes: Highland Ave Grade Crossing.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	
CON	TOLL													
CON	RRX	1												
CON	STP-D	310												
		311	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2013-2016			311	Total FY2017-2020				0	Total FY2021-2024			0

MPMS# 90477 *Flower Street Grade Crossing*

Return

LIMITS

No Let Date

IMPROVEMENT Intersection/Interchange Improvements

MUNICIPALITIES: Chester City

AQ Code:S1

PLANNING AREA: Core City

DOD: 3

PROJECT MANAGER: MAL

CMP: Not SOV Capacity Adding

This rail crossing improvement is part of the Chester Waterfront Rail Redevelopment project, and will include pavements embedded repairs, upgraded vehicular gates and flashers, pedestrain gates and access points and curbing and roadway markings.

As part of the off-site infrastructure improvements necessary to facilitate the Chester waterfront redevelopment project, the City of Chester is applying for \$700,000 in Rail Freight Assistance Program (RFAP) funding to upgrade four existing rail crossings, which includes: Flower Street Grade Crossing.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	
CON	STP-D	310												
		310	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2013-2016			310	Total FY2017-2020				0	Total FY2021-2024			0

DVRPC FY 2013-2016 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Delaware

MPMS# 90478 *Norris Street East Grade Crossing*

Return

LIMITS

No Let Date

IMPROVEMENT Intersection/Interchange Improvements

MUNICIPALITIES: Chester City

AQ Code:S1

PLANNING AREA: Core City

DOD: 3

PROJECT MANAGER: MAL

CMP: Not SOV Capacity Adding

This rail crossing improvement is part of the Chester Waterfront Rail Redevelopment project, and will include pavement embedded repairs, upgraded vehicular gates, flashers, pedestrian gates, access points, curbing and roadway markings.

As part of the off-site infrastructure improvements necessary to facilitate the Chester waterfront redevelopment project, the City of Chester is applying for \$700,000 in Rail Freight Assistance Program (RFAP) funding to upgrade four existing rail crossings, which includes: Norris Street Grade Crossing.

		TIP Program Years (\$ 000)																			
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024								
CON	STP-D	270																			
CON	RRX	1																			
CON	TOLL																				
		271	0	0	0	0	0	0	0	0	0	0	0								
		Total FY2013-2016				271				Total FY2017-2020				0							
						Total FY2017-2020				0				Total FY2021-2024				0			

MPMS# 90480 *Norris Street West Grade Crossing*

Return

LIMITS

No Let Date

IMPROVEMENT Intersection/Interchange Improvements

MUNICIPALITIES: Chester City

AQ Code:S1

PLANNING AREA: Core City

DOD: 3

PROJECT MANAGER: MAL

CMP: Not SOV Capacity Adding

This rail crossing improvement is part of the Chester Waterfront Rail Redevelopment project, and will include pavement embedded repairs, upgraded vehicular gates, flashers, pedestrian gates, access points, curbing and roadway markings.

As part of the off-site infrastructure improvements necessary to facilitate the Chester waterfront redevelopment project, the City of Chester is applying for \$700,000 in Rail Freight Assistance Program (RFAP) funding to upgrade four existing rail crossings, which includes: Norris Street Grade Crossing.

		TIP Program Years (\$ 000)																			
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024								
CON	STP-D	344																			
		344	0	0	0	0	0	0	0	0	0	0	0								
		Total FY2013-2016				344				Total FY2017-2020				0							
						Total FY2017-2020				0				Total FY2021-2024				0			

DVRPC FY 2013-2016 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Delaware

MPMS# 90620 *Townsend Avenue Grade Crossing*

Return

LIMITS

No Let Date

IMPROVEMENT Intersection/Interchange Improvements

MUNICIPALITIES: Chester City

AQ Code:S1

PLANNING AREA: Core City

DOD: 3

PROJECT MANAGER: MAL

CMP: Not SOV Capacity Adding

This rail crossing improvement is part of the Chester Waterfront Rail Redevelopment project, and will include pavement embedded repairs, upgraded vehicular gates, flashers, pedestrian gates, access points, curbing and roadway markings.

		TIP Program Years (\$ 000)																							
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024												
CON	STP-D	13																							
CON	TOLL																								
CON	RRX	1																							
		14	0	0	0	0	0	0	0	0	0	0	0												
		Total FY2013-2016				14				Total FY2017-2020				0				Total FY2021-2024				0			

MPMS# 92315 *Ruth Bennett Electrical*

New-B

LIMITS City of Chester

No Let Date

IMPROVEMENT Other

MUNICIPALITIES:

AQ Code:NRS

PLANNING AREA:

DOD: 3

PROJECT MANAGER: TSS/PWB

CMP: Not SOV Capacity Adding

This project provides for the electrical work required for rehabilitation of the historic Ruth Bennett House in the City of Chester. This project serves as a mitigation for impacts of MPMS #57780. Projects MPMS #'s 77085, 92315, 92316, and 92317 all contain components of required mitigation activities for this structure.

		TIP Program Years (\$ 000)																							
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024												
CON	581	117																							
		117	0	0	0	0	0	0	0	0	0	0	0												
		Total FY2013-2016				117				Total FY2017-2020				0				Total FY2021-2024				0			

DVRPC FY 2013-2016 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Delaware

MPMS# 92316 Ruth Bennett HVAC

New-B

LIMITS City of Chester

No Let Date

IMPROVEMENT Other

MUNICIPALITIES:

AQ Code:NRS

PLANNING AREA:

DOD: 3

PROJECT MANAGER: TSS/PWB

CMP: Not SOV Capacity Adding

This project provides for the HVAC work of the rehabilitation of the historic Ruth Bennett House in the City of Chester. This project serves as a mitigation for impacts of MPMS #57780. Projects MPMS #'s 77085, 92315, 92316, and 92317 all contain components of required mitigation activities for this structure.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	
CON	581	137												
		137	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2013-2016			137	Total FY2017-2020				0	Total FY2021-2024			0

MPMS# 92317 Ruth Bennett Plumbing

New-B

LIMITS City of Chester

No Let Date

IMPROVEMENT Other

MUNICIPALITIES:

AQ Code:NRS

PLANNING AREA:

DOD: 3

PROJECT MANAGER: TSS/PWB

CMP: Not SOV Capacity Adding

This project provides for the plumbing work of the rehabilitation of the historic Ruth Bennett House in the City of Chester. This project serves as a mitigation for impacts of MPMS #57780. Projects MPMS #'s 77085, 92315, 92316, and 92317 all contain components of required mitigation activities for this structure.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	
CON	581	38												
		38	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2013-2016			38	Total FY2017-2020				0	Total FY2021-2024			0

DVRPC FY 2013-2016 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Delaware

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

New-B

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

No Let Date

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Prospect Park Borough; Tinicum Township

AQ Code:S19

PLANNING AREA: Developed Community; Rural Area

DOD: 3

PROJECT MANAGER: TSS/DMB

CMP: Not SOV Capacity Adding

Adding Subcorr(s): 6A

This project involves rehabilitating or replacing the state bridge over the Darby Creek on Wanamaker Avenue between US 13 and I-95 in Tinicum Township and Prospect park Borough. Structurally Deficient bridge breakout project from MPMS #88706. A final alternative for bridge rehabilitation or replacement is determined upon federal National Environmental Policy Act (NEPA) or state Categorical Exclusion clearance.

TIP Program Years (\$ 000)

Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024		
PE	STP						295								
PE	581						74								
FD	STP							405							
FD	581							101							
ROW	STP								209						
ROW	581								52						
UTL	STP									215					
UTL	581									54					
CON	NHPP										5,133				
CON	185										1,283				
		0	0	0	0	0	369	506	261	269	6,416	0	0		
Total FY2013-2016		0				Total FY2017-2020				1,136	Total FY2021-2024				6,685

MPMS# 92526 *Chester Waterfront Lighting*

LIMITS Highland Avenue from 4th Street to just west of 2nd Street

No Let Date

IMPROVEMENT Streetscape

MUNICIPALITIES: Chester City

AQ Code:X9

PLANNING AREA: Core City

DOD:

PROJECT MANAGER: EE/DVRPC/LS

CMP:

This project will provide pedestrian lighting along Highland Avenue from 4th Street to just west of 2nd Street. This project will complement the previously approved streetscape improvements constructed under MPMS 65127. SAFETEA DEMO - PA ID #269 - \$350,000

TIP Program Years (\$ 000)

Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024		
CON	SXF	308													
		308	0	0	0	0	0	0	0	0	0	0	0		
Total FY2013-2016		308				Total FY2017-2020				0	Total FY2021-2024				0

DVRPC FY 2013-2016 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Delaware

MPMS# 93441 *District Bridge Maint Contract 3*

LIMITS Various Bridges in Delaware County

No Let Date

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES:

AQ Code:NRS

PLANNING AREA:

DOD:

PROJECT MANAGER: CONSTR

CMP:

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

S.R 0013 over Muckinipattus Creek
 S.R. 1046 over Darby Creek
 S.R. 3022 over Chester Creek.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	
CON	916	1,263												
		1,263	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2013-2016			1,263	Total FY2017-2020				0	Total FY2021-2024			0

MPMS# 94787 *District Surface Treatment 04 (6-3) (ADA Ramps)*

LIMITS

No Let Date

IMPROVEMENT Roadway Rehabilitation

MUNICIPALITIES:

AQ Code:NRS

PLANNING AREA:

DOD:

PROJECT MANAGER: CONSTR

CMP:

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

Elwyn Rd: Start Segment 0010, Start Offset 0000, End Segment 0020, End Offset 3020
 Conastoga Rd: Start Segment 0010, Start Offset 0000, End Segment 0070, End Offset 0108
 Bryn Mawr Ave: Start Segment 0050, Start Offset 0505, End Segment 0100, End Offset 2642
 Media Bypass: Start Segment 0210, Start Offset 0000, End Segment 0300, End Offset 1017
 Edgmont Ave/Middletown Rd: Start Segment 0050, Start Offset 1219, End Segment 0130, End Offset 0000
 Providence/Newtown Rd: Start Segment 0060, Start Offset 0803, End Segment 0160, End Offset 0000
 Goshen Rd: Start Segment 0010, Start Offset 0000, End Segment 0030, End Offset 1750
 Gradyville Rd: Start Segment 0010, Start Offset 0000, End Segment 0050, End Offset 0000
 West Chester Pike: Start Segment 0070, Start Offset 0000, End Segment 0130, End Offset 1100
 Bethel Rd: Start Segment 0010, Start Offset 0000, End Segment 0050, End Offset 3475
 Sproul Rd: Start Segment 0120, Start Offset 0000, End Segment 0150, End Offset 0094
 Sycamore Mills Rd: Start Segment 0010, Start Offset 0000, End Segment 0030, End Offset 1129
 Glen Mills Rd: Start Segment 0070, Start Offset 0000, End Segment 0100, End Offset 1924
 Valleybrook Rd: Start Segment 0030, Start Offset 0000, End Segment 0060, End Offset 2600
 Ivy Mills Rd: Start Segment 0010, Start Offset 0000, End Segment 0040, End Offset 0000
 Media Bypass Ramps @ S.R. 252: Start Segment 0010, Start Offset 0000, End Segment 0750, End Offset 0753
 Midcounty Ramps: Start Segment 0010, Start Offset 0000, End Segment 0772, End Offset 0639

		TIP Program Years (\$ 000)												
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	
CON	916	1,636												
		1,636	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2013-2016			1,636	Total FY2017-2020				0	Total FY2021-2024			0

DVRPC FY 2013-2016 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Delaware

MPMS# 94909 *Engle Street Grade Crossing*

LIMITS

No Let Date

IMPROVEMENT Intersection/Interchange Improvements

MUNICIPALITIES: Chester City

AQ Code:S1

PLANNING AREA: Core City

DOD: 3

PROJECT MANAGER: MAL

CMP: Not SOV Capacity Adding

This rail crossing improvement is part of the Chester Waterfront Rail Redevelopment project, and will include pavement embedded repairs, upgraded vehicular gates, flashers, pedestrian gates, access points, curbing and roadway markings.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	
CON	STP	47												
CON	STP-D	253												
		300	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2013-2016			300	Total FY2017-2020				0	Total FY2021-2024			0

MPMS# 95429 *US 202 and US 1 Loop Roads*

New-B

LIMITS Completion of Hillman Drive andn Applied Card Way

No Let Date

IMPROVEMENT Roadway New Capacity

LRPID:123

MUNICIPALITIES: Chadds Ford Township; Concord Township

AQ Code:2025M

PLANNING AREA: Growing Suburb

DOD: 1

PROJECT MANAGER: Gannett/VAG

CMP: Major SOV Capacity

Adding Subcorr(s): 5B, 8A

The project completes the loop roads on the southeast and southwest corners, connecting Applied Card Way to Hillman Drive at the existing Route 202/Hillman Drive signalized intersection in the southeast quadrant, and connecting Hillman Drive to Painters Crossing/Brandywine Drive in the southwest quadrant. These new connections constitute a minor roadway extension, but will not widen existing roads. The northeast and northwest quadrants have the existing completed loop roads, State Farm Drive and Brandywine Drive, respectively. Turning movements will be made at the intersections (i.e., no jug handles) for the proposed loop road connections, and at the Route 202/US 1 intersection. A completed loop road system will divert traffic from the Route 202/US 1 intersection. Roadway will include sidewalks, crosswalks, enhanced bus stop areas in consultation with SEPTA, and bicycle lanes or paved shoulders.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	
PE	STU	480												
PE	581	120												
FD	STU						344							
FD	581						86							
ROW	STU						98							
ROW	581						24							
UTL	STU						148							
UTL	581						37							
CON	STU						2,755							
CON	581						689							
		600	0	0	0	0	4,181	0	0	0	0	0	0	
		Total FY2013-2016			600	Total FY2017-2020				4,181	Total FY2021-2024			0

DVRPC FY 2013-2016 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Delaware

MPMS# 96788 *Reaney Street Grade Crossing*

LIMITS Between Yarnall Street and Law Street

No Let Date

IMPROVEMENT Intersection/Interchange Improvements

MUNICIPALITIES: Chester City

AQ Code:S8

PLANNING AREA: Core City

DOD:

PROJECT MANAGER: MAL

CMP:

Installation of Warning Devices and High-Type Surface

		TIP Program Years (\$ 000)												
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	
CON	RRX	140												
CON	RRX		140											
		140	140	0	0	0	0	0	0	0	0	0	0	
		Total FY2013-2016			280	Total FY2017-2020				0	Total FY2021-2024			0

MPMS# 96946 *Ellis Town Center*

LIMITS

No Let Date

IMPROVEMENT Roadway New Capacity

MUNICIPALITIES: Newtown Township

AQ Code:2025M

PLANNING AREA: Growing Suburb

DOD:

PROJECT MANAGER: TSS

CMP: Major SOV Capacity

Adding Subcorr(s): 10C

This is Phase 1 of the Roadway Improvements for the Ellis Preserve planned development. Phase 1 includes: constructing a bypass/relief route (Loop Road), from PA 3 at the Medical drive intersection to PA 252 at the existing SAP access, widening Clyde Lane from two lanes to four lanes by adding a left turn lane and a right turn lane on the southbound approach to PA 3, widening Bishop Hollow Road from two lanes to three lanes by adding a right turn lane on the northbound approach to PA 3, constructing a southbound PA 252 right turn lane at Winding Way, widening the northern side of PA 3 from Clyde Lane to Winding Way to account for an anticipated future westbound PA 3 through lane, extending the PA 3 westbound left turn lane at Bishop Hollow, installing ADA compliant pedestrian facilities on all four corners of the PA 3/Clyde Lane/Bishop Hollow Road intersection, installing ADA compliant pedestrian facilities on the southwest corner of the Winding Way/PA 252 intersection, installing ADA compliant pedestrian facilities on northwest and southwest corners of the PA 252/ SAP Driveway (Loop Road) intersection, installing ADA compliant pedestrian facilities on northeast corner of the PA 3/ Winding Way/Roe Lane intersection, installing a new traffic signal at the Winding Way/Clyde Lane intersection to work in conjunction with the existing/new signal at the Winding Way/PA 252 intersection, installing new traffic signal equipment at the PA 3/Clyde Lane/Bishop Hollow Road intersection, installing new traffic signal equipment at the PA 252/ SAP Driveway (Loop Road) intersection, installing new traffic signal equipment at the PA 3/ Winding Way/Roe Lane intersection, and retiming traffic signals along PA 3 and PA 252.

The whole project is a 210-acre master planned development located near the intersection of Route 252 (Newtown Road) and Route 3 (West Chester Pike) in Newtown Square. Plans for future development are being finalized and will include a fully integrated mixture of office, retail and residential uses. Ellis Town Square will offer a variety of retail stores and dining establishments designed around open aired central plazas and pedestrian pathways.

The overall estimated transportation construction cost of this project, is \$12,000,000, while the private development investment is estimated at \$544,000,000.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	
CON	581		4,000											
CON	LOC		1,680											
		0	5,680	0	0	0	0	0	0	0	0	0	0	
		Total FY2013-2016			5,680	Total FY2017-2020				0	Total FY2021-2024			0

DVRPC FY 2013-2016 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Delaware

MPMS# 97872 *Forge Road over Chester Creek*

LIMITS

No Let Date

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Thornbury Township

AQ Code:S19

PLANNING AREA: Growing Suburb

DOD:

PROJECT MANAGER: **CMP:**

The purpose of the project is to rehabilitate the Forge Road Bridge over Chester Creek to prolong its useful life. The scope includes the placement of rock protection at the west abutment, the bituminous wearing surface will be removed, the deck will be scarified and have a latex modified concrete overlay installed, and safety features will be upgraded.

		TIP Program Years (\$ 000)																			
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024								
FD	ACT13	15																			
CON	ACT13	145																			
		160	0	0	0	0	0	0	0	0	0	0	0								
		Total FY2013-2016				160				Total FY2017-2020				0							
						Total FY2017-2020				0				Total FY2021-2024				0			

MPMS# 97873 *Glenolden Avenue Bridge over Muckinipattis Creek*

LIMITS

No Let Date

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Glenolden Borough

AQ Code:S19

PLANNING AREA: Developed Community

DOD:

PROJECT MANAGER: **CMP:**

The purpose of the project is to rehabilitate the Glenolden Avenue Bridge over Muckinipattis Creek to prolong its useful life. The scope includes the placement of rock protection at the abutments, repairs will be made to the stone masonry substructure and the safety features will be upgraded.

		TIP Program Years (\$ 000)																			
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024								
FD	ACT13	7																			
CON	ACT13	53																			
		60	0	0	0	0	0	0	0	0	0	0	0								
		Total FY2013-2016				60				Total FY2017-2020				0							
						Total FY2017-2020				0				Total FY2021-2024				0			

DVRPC FY 2013-2016 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Delaware

MPMS# 98216 *Michigan Ave over Little Crum Creek*

LIMITS No Let Date
IMPROVEMENT Bridge Repair/Replacement
MUNICIPALITIES: Ridley Township AQ Code:S19
PLANNING AREA: Developed Community DOD:
PROJECT MANAGER: TSS/S. New **CMP:** Not SOV Capacity Adding Adding Subcorr(s): 6A

This project is a bridge rehabilitation/replacement of the Michigan Avenue bridge over Little Crum Creek, which is structurally deficient. The bridge is posetd with a 12 ton weight restriction and requires continual mainteance to remain open. Various elements of the bridge are in poor condition. The project needs are listed below: 1) Load Carrying Capacity - Eliminate the "Structurally Deficient" 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 Local Bridge Line Item (MPMS# 95447) at the appropriate time.

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

		TIP Program Years (\$ 000)											
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024
PE	183	0	0	0	0	0	0	0	0	0	0	0	0
		Total FY2013-2016				Total FY2017-2020				Total FY2021-2024			
		0				0				0			

MPMS# 98217 *Hilldale Road over Darby Creek*

LIMITS No Let Date
IMPROVEMENT Bridge Repair/Replacement
MUNICIPALITIES: Lansdowne Borough AQ Code:S19
PLANNING AREA: Developed Community DOD:
PROJECT MANAGER: TSS/S. New **CMP:** Not SOV Capacity Adding Adding Subcorr(s): 5E

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

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

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

		TIP Program Years (\$ 000)											
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024
FD	183	0	0	0	0	0	0	0	0	0	0	0	0
		Total FY2013-2016				Total FY2017-2020				Total FY2021-2024			
		0				0				0			

DVRPC FY 2013-2016 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Delaware

MPMS# 98218 *Mulford Road over Muckinipattis Creek*

LIMITS No Let Date

IMPROVEMENT Bridge Repair/Replacement

MUNICIPALITIES: Glenolden Borough AQ Code:S19

PLANNING AREA: Developed Community DOD:

PROJECT MANAGER: TSS/S. New **CMP:** Not SOV Capacity Adding Adding Subcorr(s): 6A

This project is a bridge rehabilitation/replacement of Mulford Road over Muckinipattis Creek in Glenolden Borough, Delaware County.

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

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

		TIP Program Years (\$ 000)											
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024
PE	183	0	0	0	0	0	0	0	0	0	0	0	0
Total FY2013-2016		0				Total FY2017-2020				0			
Total FY2021-2024		0											

MPMS# 102276 *I-476/I-95 Interchange*

LIMITS No Let Date

IMPROVEMENT Intersection/Interchange Improvements

MUNICIPALITIES: AQ Code:R3

PLANNING AREA: DOD:

PROJECT MANAGER: **CMP:**

Funds will provide for lane modifications between the I-95 NB/I-476 NB interchange and the entrance of the MacDade Boulevard ramp on I-476 NB. Pavement reconstruction, resurfacing, and restriping of the I-95/I-476 NB segment in Delaware County, including new sign installments, will accommodate these modifications. Specifically, the existing three-lane I-95 NB approaching I-476 NB will convert its middle lane to a through or exit lane to I-476 NB. Vehicles can then continue on I-95 NB using the two lanes on I-95 NB or exit to I-476 NB using the other two lanes. A drop right lane will be added on the I-95 SB to I-476 NB segment at MacDade Boulevard and on I-476 NB (650 feet south of the MacDade Boulevard ramp). A single lane will also be created from two existing lanes for a portion of I-95 SB to I-476 NB.

		TIP Program Years (\$ 000)											
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024
PE	STP		160										
PE	581		40										
CON	STP		1,440										
CON	581		360										
Total FY2013-2016		0	2,000	0	0	Total FY2017-2020				0			
Total FY2021-2024		0											

DVRPC FY 2013-2016 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Delaware

MPMS# 102290 SR 202 (Wilmington-West Chester Pike) Adaptive Signal System (ARLE 4)

LIMITS No Let Date

IMPROVEMENT Signal/ITS Improvements

MUNICIPALITIES: Chadds Ford Township; Concord Township AQ Code:2025M

PLANNING AREA: Growing Suburb DOD:

PROJECT MANAGER: **CMP:** Minor SOV Capacity Adding Subcorr(s): 8A

This project funded by the Automated Red Light Enforcement (ARLE) Round 4 program will be used to install adaptive signal control at nine (9) intersections along Wilmington-West Chester Pike (SR 0202) from Oakland Road to Johnson Farm Lane in Concord and Chadds Ford Townships.

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

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

2013 ARLE Round 4 award: \$432,000

		TIP Program Years (\$ 000)															
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024				
CON	244	432				0				0							
		0	432	0	0	0	0	0	0	0	0	0	0				
		Total FY2013-2016			432			Total FY2017-2020			0			Total FY2021-2024		0	

MPMS# 102291 SR 0452 (Pennell Road) Corridor Improvements (ARLE 4)

LIMITS No Let Date

IMPROVEMENT Signal/ITS Improvements

MUNICIPALITIES: Aston Township AQ Code:2025M

PLANNING AREA: Developed Community DOD:

PROJECT MANAGER: **CMP:** Minor SOV Capacity Adding Subcorr(s): 8A

This project funded by the Automated Red Light Enforcement (ARLE) Round 4 program will be used to expand the fiber optic closed loop traffic signal system for six (6) signalized intersections along Pennell Road (SR 0452) from Segment 0170/Offset 0000 to Segment 0180/Offset 0214 in Aston Township. It will also involve traffic counts at all six intersections and the development of optimized signal timings and coordination settings.

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

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

2013 ARLE Round 4 award: \$82,000

		TIP Program Years (\$ 000)															
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024				
CON	244	82				0				0							
		0	82	0	0	0	0	0	0	0	0	0	0				
		Total FY2013-2016			82			Total FY2017-2020			0			Total FY2021-2024		0	

DVRPC FY 2013-2016 TIP for PA

Pennsylvania - Highway Program (Status: TIP)

Delaware

MPMS# 102385 SR0003 Resurfacing DelCo

New

LIMITS Route 3 (both directions) from Lawrence Road (SR 1020) to Philadelphia County line

No Let Date

IMPROVEMENT Roadway Rehabilitation

MUNICIPALITIES: Haverford Township; Marple Township; Millbourne Borough; Upper Darby Township

AQ Code:S10

PLANNING AREA: Developed Community

DOD:

PROJECT MANAGER: Maint./L. Ryan

CMP:

9.8 total segment miles of resurfacing on Route 3 (both directions) from Lawrence Road (SR 1020) to Philadelphia County line in Marple, Haverford, Upper Darby, and Millbourne Townships, Delaware County.

		TIP Program Years (\$ 000)											
Phase	Fund	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024
FD	S581		20										
CON	S581		1,740										
CON	581		2,955										
CON	S581			1,760									
		0	4,715	1,760	0	0	0	0	0	0	0	0	0
		Total FY2013-2016				Total FY2017-2020				Total FY2021-2024			
		6,475				0				0			

MPMS# 102834 Pedestrian and Bicycle Accessibility Enhancements

LIMITS

No Let Date

IMPROVEMENT Bicycle/Pedestrian Improvement

MUNICIPALITIES: Swarthmore Borough

AQ Code:A2

PLANNING AREA: Developed Community

DOD:

PROJECT MANAGER: EE/DVRPC/K. Lawrence

CMP:

This project will install sidewalks to fill in gaps in the existing network of sidewalks in town and add safety enhancements at several crosswalk locations in the Borough.. This project coordinates and enhances the Borough's current Safe Routes to School Princeton Avenue tunnel project.

This project was awarded \$420,000 regional Transportation Alternatives Program (TAP) funding in June 2014 for construction. Funds will be drawn down from the TAP line item (MPMS #64984) at the appropriate time.

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

DVRPC FY 2013-2016 TIP for PA

Final Version

Pennsylvania - Highway Program (Status: TIP)

Delaware

MPMS# 102835 *Hillside Road Pedestrian Safety Improvements*

LIMITS

No Let Date

IMPROVEMENT Bicycle/Pedestrian Improvement

MUNICIPALITIES: Haverford Township; Marple Township; Millbourne Borough; Ridley Park Borough; Upper Darby

AQ Code:A2

PLANNING AREA: Developed Community

DOD:

PROJECT MANAGER: EE/DVRPC/K. Lawrence

CMP: Not SOV Capacity Adding

The project will construct an enhanced crosswalk across Dupont Street and a new pedestrian path from Dupont Street through Eastlake Park (Borough-owned park), replace the footbridge over Little Crum Creek, and construct sidewalk along Hillside Road from Glenloch Road to Crum Lynne Road and to construct an enhanced crosswalk across Crum Lynne Road. The current conditions along this route include a standard crosswalk across Dupont Street to nowhere (it ends into a upright curb), an undefined path across a baseball field, a dilapidated footbridge over the creek, and no sidewalk along Hillside Road.

This project was awarded \$530,000 regional Transportation Alternatives Program (TAP) funding in June 2014 for construction. Funds will be drawn down from the TAP line item (MPMS #64984) at the appropriate time.

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

Total For Delaware	2013	2014	2015	2016	2013-2016	2017-2020	2021-2024
	\$42,366	\$45,261	\$45,708	\$33,374	\$166,709	\$228,290	\$224,453