

Pennsylvania - Highway Program

Chester

MPMS# 14134 *West Bridge Street Bridge Over Amtrak*

AQ Code S19 **LIMITS** Over Amtrak

IMPROVEMENT: Bridge Repair/Replacement

Not SOV Capacity Adding **MUNICIPALITIES:** Parkesburg Borough

PROJECT MANAGER: TSS/GANNETT

Est Let Date: 7/16/2015

The existing bridge on West Bridge Street in the Borough of Parkesburg is structurally deficient and functionally obsolete. The structural deterioration advanced to the point that the bridge was no longer able to safely carry vehicular loads. The bridge was closed to traffic in 1994. In addition to the vehicular restriction, both sidewalks are restricted from use due to the severe deterioration of the wooden deck. The existing roadway width of 5.8 meters (19.0 ft) contains two travel lanes and no shoulders. This bridge will be replaced with a two lane bridge with minimal shoulders and sidewalks on both sides. The bicycle and pedestrian checklists have been incorporated into the project.

		TIP Program Years (\$ 000)											
Phase	Fund	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022
FD	BOO		217										
FD	183		40										
FD	LOCAL		14										
CON	BOF				4,452								
CON	183				835								
CON	LOCAL				278								
		0	271	0	5,565	0	0	0	0	0	0	0	0
		Total FY2011-2014			5,836	Total FY2015-2018			0	Total FY2019-2022			0

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

AQ Code S19 **LIMITS** Over Culbertson Road

IMPROVEMENT: Bridge Repair/Replacement

Not SOV Capacity Adding **MUNICIPALITIES:** East Brandywine Township

PROJECT MANAGER: P/CNV

Est Let Date: 6/16/2014

Replace bridge. Reconstruct approach roadway. Minor realignment of roadway to avoid wetlands. This road/bridge is part of the Chester County Planning Commission recommended bikeway network.

		TIP Program Years (\$ 000)											
Phase	Fund	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022
CON	916D		546										
CON	916D			563									
		0	546	563	0	0	0	0	0	0	0	0	0
		Total FY2011-2014			1,109	Total FY2015-2018			0	Total FY2019-2022			0

DVRPC FY 2011-2014 TIP for PA

Pennsylvania - Highway Program

Chester

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

AQ Code S19 **LIMITS** Over West Branch of Red Clay Creek

IMPROVEMENT: Bridge Repair/Replacement

Not SOV Capacity Adding **MUNICIPALITIES:** Kennett Township

PROJECT MANAGER: TSS/GANNETT

Est Let Date: 2/4/2016

Replace Chandler Mill Road Bridge over West Branch of the Red Clay Creek in Kennett Township. This County owned bridge (#236) is structurally deficient (sufficiency rating of 18), functionally obsolete, and posted for 8 tons. The bridge is part of the Chester County Planning Commission's recommended bikeway network.

TIP Program Years (\$ 000)													
Phase	Fund	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022
FD	BOF				278								
FD	183				52								
FD	LOCAL				17								
ROW	BOF				46								
ROW	183				9								
ROW	LOCAL				2								
CON	BOF				668								
CON	183				126								
CON	LOCAL				42								
		0	0	0	1,240	0	0	0	0	0	0	0	0
Total FY2011-2014				1,240	Total FY2015-2018		0		Total FY2019-2022		0		0

MPMS# 14261 **Church Road Bridge Over Valley Creek**

AQ Code S19 **LIMITS** Over Valley Creek

IMPROVEMENT: Bridge Repair/Replacement

Not SOV Capacity Adding **MUNICIPALITIES:** Tredyffrin Township

PROJECT MANAGER: TSS/GANNETT

Est Let Date: 6/15/2015

Replace Church Road over Valley Creek in Tredyffrin Township. This County owned bridge (#282) is structurally deficient (sufficiency rating of 32), functionally obsolete, and posted for 20 tons. The bridge has the following condition ratings: deck - 5, super - 5, sub - 4.

TIP Program Years (\$ 000)													
Phase	Fund	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022
FD	BOF		262										
FD	183		49										
FD	LOCAL		16										
ROW	BOF			45									
ROW	183			9									
ROW	LOCAL			2									
UTL	BOF			35									
UTL	183			7									
UTL	LOCAL			2									
CON	BOF				668								
CON	183				126								
CON	LOCAL				42								
		0	327	100	836	0	0	0	0	0	0	0	0
Total FY2011-2014				1,263	Total FY2015-2018		0		Total FY2019-2022		0		0

DVRPC FY 2011-2014 TIP for PA

Pennsylvania - Highway Program

Chester

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

AQ Code S19 **LIMITS** Over Brandywine Creek

IMPROVEMENT: Bridge Repair/Replacement

Not SOV Capacity Adding **MUNICIPALITIES:** Birmingham Township; Pocopson Township

PROJECT MANAGER: DAVIES/LEF

Est Let Date: 3/20/2014

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

		TIP Program Years (\$ 000)											
Phase	Fund	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022
CON	916		5,953										
		0	5,953	0	0	0	0	0	0	0	0	0	0
		Total FY2011-2014			5,953	Total FY2015-2018			0	Total FY2019-2022			0

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

AQ Code M9 **LIMITS** On Camp Bonsul Road over Big Elk Creek

IMPROVEMENT: Bridge Repair/Replacement

Not SOV Capacity Adding **MUNICIPALITIES:** Elk Township; New London Township

PROJECT MANAGER:

No Let Date

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

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

		TIP Program Years (\$ 000)											
Phase	Fund	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022
PE	NHCB	248											
PE	183	46											
PE	179	15											
FD	NHCB			252									
FD	183			47									
FD	179			15									
CON	NHCB					1,090							
CON	183					204							
CON	179					68							
		309	0	314	0	1,362	0	0	0	0	0	0	0
		Total FY2011-2014			623	Total FY2015-2018			1,362	Total FY2019-2022			0

Pennsylvania - Highway Program

Chester

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

AQ Code S19

LIMITS Over Amtrak/SEPTA R5 Rail Line

IMPROVEMENT: Bridge Repair/Replacement

Not SOV Capacity Adding

MUNICIPALITIES: Downingtown Borough

Adding Subcorr(s): 7E

PROJECT MANAGER: TSS/GANNETT

Est Let Date: 2/4/2016

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

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

		TIP Program Years (\$ 000)												
Phase	Fund	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	
FD	BOF*	250												
FD	BOF		43											
ROW	BOF*	80												
ROW	BOF		50											
UTL	BOF*	1,600												
CON	BOF				4,348									
CON	185				815									
CON	LOCAL				271									
		1,930	93	0	5,434	0	0	0	0	0	0	0	0	
		Total FY2011-2014			7,457	Total FY2015-2018				0	Total FY2019-2022			0

MPMS# 14484 **PA 41 Study SR:0041**

AQ Code X1

LIMITS Delaware State Line to PA 926

IMPROVEMENT: Roadway New Capacity

Major SOV Capacity Adding Subcorr(s): 5A

MUNICIPALITIES: London Grove Township; New Garden Township; Londonderry Township; Avondale Borough

PROJECT MANAGER: HNTB/MR

LRPID:45

No Let Date

Preliminary engineering and environmental studies to identify transportation improvements for the PA 41 Corridor. Current alternatives include widening and limited realignment. Actual cost estimates for construction will be determined with the completion of the Environmental Impact Statement.

SAFETEA DEMO #851, PA ID# 357 - \$3.360 MILLION

		TIP Program Years (\$ 000)												
Phase	Fund	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	
PE	SXF	2,700												
PE	581	685												
		3,385	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2011-2014			3,385	Total FY2015-2018				0	Total FY2019-2022			0

Pennsylvania - Highway Program

Chester

MPMS# 14504

PA 52 Relocation SR:0052

AQ Code 2020M

LIMITS PA 926 to US 1

IMPROVEMENT: Intersection/Interchange Improvements

Minor SOV Capacity
Adding Subcorr(s):
5A

MUNICIPALITIES: East Marlborough Township; Kennett Township; Pennsbury Township

PROJECT MANAGER: CONSTR

LRPID:17

No Let Date

This project includes the relocation of SR 0052 between US 1 and SR 0926. SR 0052 will be relocated for approximately 5,000 linear feet and will take place on Longwood Garden's property. Also included with this project will be intersection of SR 0052 and SR 0926, SR 0052 and US 1 north leg and SR 0052 and US1 south leg. It involves the construction a two lane relocation of the existing roadway at the eastern border of the Longwood Gardens property to correct a safety problem due to poor intersection and roadway geometry. This road is part of the Chester County Planning Commission recommended bikeway network.

SAFETEA DEMO #4776, PA ID# 586 - \$200,000

SAFETEA DEMO #2894, PA ID# 482 - \$960,000

TIP Program Years (\$ 000)

Phase	Fund	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	
ROW	STP		125											
ROW	581		31											
UTL	STP		265											
UTL	581		149											
UTL	STP			303										
UTL	581			76										
		0	570	379	0	0	0	0	0	0	0	0	0	
Total FY2011-2014		949			Total FY2015-2018				0	Total FY2019-2022				0

MPMS# 14515

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

AQ Code 2020M

LIMITS Shoen Road to Gordon Drive

IMPROVEMENT: Roadway New Capacity

Major SOV Capacity
Adding Subcorr(s):
16A

MUNICIPALITIES: West Whiteland Township; Uwchlan Township

PROJECT MANAGER: TSS/DMB

LRPID:42

Est Let Date: 11/14/2013

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

CMP Improvements in the form of the Lionville Park and Ride lot were completed in the initial phase of this project. ITS treatments for this section of roadway are included in the US Route 202 ITS project, MPMS #64479.

ITS Treatments are complete.

TIP Program Years (\$ 000)

Phase	Fund	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	
FD	581		175											
CON	581			2,185										
CON	581				4,108									
CON	581					4,831								
CON	581						3,451							
		0	175	2,185	4,108	4,831	3,451	0	0	0	0	0	0	
Total FY2011-2014		6,468			Total FY2015-2018				8,282	Total FY2019-2022				0

Pennsylvania - Highway Program

Chester

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

AQ Code 2030M **LIMITS** PA 10 to Exton Bypass

IMPROVEMENT: Roadway Rehabilitation

Minor SOV Capacity
Adding Subcorr(s):
7E

MUNICIPALITIES: West Sadsbury Township; Caln Township; Coatesville City; Downingtown Borough; East Caln Town

PROJECT MANAGER: TSS/SPF LRPID:48 No Let Date

This project serves as the design phase of a project to reconstruct approximately 14 miles of mainline pavement; addition of through lanes as required by traffic analysis; reconstruction and widening of the mainline shoulders; replacement and widening of mainline bridge superstructures; construction of new ramps (to complete partial interchanges); reconstruction, realignment, and lengthening of all on and off ramps (to provide storage length for traffic signals and ramp metering); reconstruction of arterial overpasses ; installation of ITS elements (dynamic message signs, closed circuit television, incident detection, and ramp meters); and minor improvements to parallel arterial routes (to be determined). This project is for design only; construction has been broken out into 2 new projects, MPMS #87781 – CON is \$239 M in FY2009 dollars (Eastern portion), and MPMS #84884 – CON is \$201 M in FY2009 dollars (Western portion).

Project is located in East Caln Township, Downingtown Borough, Caln Township, Coatesville City, Valley Township, West Caln Township, Sadsbury Township, West Sadsbury Township

TEA 21 DEMO -\$600,000
SAFETEA DEMO #3172, PA ID# 504 - \$4 MILLION

TIP Program Years (\$ 000)

Phase	Fund	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022
PE	SXF	1,992											
PE	581	498											
FD	NHS									28,222			
FD	581									16,127			
ROW	NHS										7,143		
ROW	581										1,716		
		2,490	0	0	0	0	0	0	0	44,349	8,859	0	0
Total FY2011-2014		2,490				Total FY2015-2018				0			
						Total FY2019-2022				53,208			

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

AQ Code 2020M **LIMITS** Kennett Square Bypass to Greenwood Road

IMPROVEMENT: Roadway New Capacity

Major SOV Capacity
Adding Subcorr(s):
5A

MUNICIPALITIES: East Marlborough Township

PROJECT MANAGER: EE/JB LRPID:44 Est Let Date: 12/15/2015

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

TIP Program Years (\$ 000)

Phase	Fund	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022
FD	581		200										
ROW	581		100										
UTL	581		200										
CON	STP				3,988								
CON	581				997								
		0	500	0	4,985	0	0	0	0	0	0	0	0
Total FY2011-2014		5,485				Total FY2015-2018				0			
						Total FY2019-2022				0			

DVRPC FY 2011-2014 TIP for PA

Pennsylvania - Highway Program

Chester

MPMS# 14613

PA 41, Gap Newport Road Intersection Improvements SR:0041

AQ Code R1

LIMITS At Baltimore Pike

IMPROVEMENT: Intersection/Interchange Improvements

Minor SOV Capacity

MUNICIPALITIES: London Grove Township

Adding Subcorr(s):

PROJECT MANAGER: HNTB/JME

Est Let Date: 6/7/2014

5A

Safety and Mobility Improvements for the Intersection of SR 41 (Gap Newport Road) and Old Baltimore Pike. Modification of this intersection as a roundabout will increase safety and mobility.

HSIP Safety Funding for this project has been drawn from MPMS #57927

TIP Program Years (\$ 000)

Phase	Fund	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022
FD	HSIP	170											
FD	HSIP*	200											
FD	LOCAL	42											
CON	HSIP				2,782								
CON	581				696								
		412	0	0	3,478	0	0	0	0	0	0	0	0
		Total FY2011-2014		3,890		Total FY2015-2018			0	Total FY2019-2022			0

Pennsylvania - Highway Program

Chester

MPMS# 14663

Chester Valley Trail (Sec 1/3) - Phase 1 SR:3070

AQ Code A2

LIMITS Valley Creek Blvd to PA 29/Mathews Road Intersecti

IMPROVEMENT: Bicycle/Pedestrian Improvement

Not SOV Capacity Adding

MUNICIPALITIES: West Whiteland Township; East Whiteland Township

Adding Subcorr(s): 7E, 8C, 16A

PROJECT MANAGER: CONSTR

Act/ Let Date: 7/30/2009

Construction of a 3.9 mile multi-use regional trail from Valley Creek Blvd in West Whiteland Township to the intersection of PA 29 and Mathews Rd in East Whiteland Township. This project will rehabilitate an abandoned rail line and create a 12 ft wide paved asphalt trail with 2 ft wide shoulders. The project includes a new bridge over Church Rd. and repair/replacement of several culverts. The project is a CMS commitment for US 202 – Section 300 (#64494 and #64498) and will provide a safe route for bicyclists and pedestrians traveling in the corridor. This is a segment of a larger regional trail that will connect central Chester County with Norristown, Valley Forge National Park, and the Schuylkill River Trail. See MPMS #14675 and #16705 for other segments and connections to this regional trail project.

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

TIP Program Years (\$ 000)

Phase	Fund	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022
PE	CMAQ*		43										
PE	LOCAL		12										
FD	CMAQ	886											
FD	LOCAL	23											
UTL	CMAQ*	88											
UTL	LOCAL	23											
CON	STE	500											
		1,520	55	0	0	0	0	0	0	0	0	0	0
		Total FY2011-2014		1,575		Total FY2015-2018			0	Total FY2019-2022			0

Pennsylvania - Highway Program

Chester

MPMS# 14675

Chester Valley Trail (Sec 2/3) - Phase 2

AQ Code A2

LIMITS Old Eagle School Road to Route 29

Not SOV Capacity Adding

IMPROVEMENT: Bicycle/Pedestrian Improvement

Adding Subcorr(s): 7E

MUNICIPALITIES: East Whiteland Township; Tredyffrin Township; Upper Merion Township

PROJECT MANAGER: EE/DVRPC/RG

Act/ Let Date: 12/15/2011

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

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

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

TIP Program Years (\$ 000)

Phase	Fund	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022
CON	CAQ			11,807									
CON	LOCAL			2,951									
		0	0	14,758	0	0	0	0	0	0	0	0	0
		Total FY2011-2014		14,758		Total FY2015-2018		0		Total FY2019-2022		0	

Pennsylvania - Highway Program

Chester

MPMS# 15385 **US 202, Section 100 (ES1) - Design SR:0202**
AQ Code 2030M **LIMITS** Matlack Street to the Delaware State Line
IMPROVEMENT: Roadway New Capacity
MUNICIPALITIES: Various
PROJECT MANAGER: Gannett/VAG

LRPID:39 No Let Date

Major SOV Capacity
 Adding Subcorr(s):
 8A

This project serves as the design phase for Section 100 of Route 202. Improvements along 7.5 miles of US 202 between Matlack Street and the Delaware State Line to address congestion and deficiencies in the existing transportation network. This project is currently in the draft environmental impact statement phase. Current alternatives include widening, grade-separation of interchanges, and other intersection improvements. Smart Transportation strategies will be applied to define additional solutions and appropriate level of environmental documentation. This project spans numerous municipalities in both Chester and Delaware Counties, including West Goshen, Westtown, Thornbury (Chester), Thornbury (Delaware), Birmingham, Chadds Ford, Concord, and Bethel.

In the DVRPC region, US 202 covers 61 miles, traversing 27 municipalities in Delaware, Chester, Montgomery, and Bucks counties. For planning purposes, US 202 has been divided into seven major sections (100 through 700), and some of those sections have been broken down further to construction management.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	
PE	STU		874											
FD	STU									11,462				
FD	581									2,866				
CON	STU												190,538	
CON	STP												170,000	
CON	TOLL													
CON	TOLL													
		0	874	0	0	0	0	0	0	14,328	0	0	360,538	
		Total FY2011-2014			874	Total FY2015-2018				0	Total FY2019-2022			374,866

Pennsylvania - Highway Program

Chester

MPMS# 47137 **PA 41 at Zook Rd., and Bridge over Octoraro SR:0041**

AQ Code R1 **LIMITS** Bridge over Octoraro Creek

IMPROVEMENT: Intersection/Interchange Improvements

Minor SOV Capacity **MUNICIPALITIES:** West Sadsbury Township

PROJECT MANAGER: CONSTR

Act/ Let Date: 6/18/2009

FUNDS ACCOUNT FOR ACCRUED UNBILLED COSTS

This project consists of the widening of S.R. 0041 from two 11 foot wide lanes with 8 foot wide shoulders to three 11 foot wide lanes with 10 foot wide shoulders to provide for a continuous 450' center left turn lane and dedicated left turn lanes on northbound and southbound S.R. 0041 at the intersections with Zook Road and Simmonstown Road/Sadsbury Avenue. The existing 24 foot span Reinforced Concrete T-Beam structure carrying S.R. 0041 over Pine Creek will be replaced with a 65 foot span Precast Concrete Spread Box Beam structure. The structure will remain on existing alignment. The project will also include the construction of a stormwater detention basin and a wetland replacement area.

Add left turn lanes of both approaches of PA 41 and widen bridge over Octoraro Creek. \$1.463 DEMO moved to this project from #47421.

TEA-21 Earmark 1107 - PA ID# -173
Remaining earmark available -\$1,304,462

TOLL CREDIT

		TIP Program Years (\$ 000)												
Phase	Fund	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	
CON	STP	355												
CON	TOLL													
		355	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2011-2014			355	Total FY2015-2018				0	Total FY2019-2022			0

MPMS# 47979 **Paoli Transportation Center Road Improvements SR:0030**

AQ Code R1 **LIMITS** US 30, Lancaster Avenue/North Valley Road/Central

IMPROVEMENT: Intersection/Interchange Improvements

Minor SOV Capacity **MUNICIPALITIES:** Willistown Township; Tredyffrin Township

PROJECT MANAGER: TSS/

Est Let Date: 10/6/2022

The Paoli Transportation Center will provide a new intermodal transportation center planned just west of the existing Paoli train station that serves Amtrak, SEPTA's R5, and various bus routes. This project includes roadway, bridge, intersection, and signalization improvements in and around the Paoli Transportation Center. The improvements will address access and circulation needs for vehicles, buses, bicyclists, and pedestrians. The improvements will be focused on roadways around the new transportation center including US 30 (Lancaster Avenue), North Valley Road, and Central Avenue. See MPMS #60574 for the transit components of the Intermodal Center.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	
STDY	581	350												
PE	581	220												
PE	CMAQ		400											
CON	STP											99,009		
		570	400	0	0	0	0	0	0	0	0	99,009	0	
		Total FY2011-2014			970	Total FY2015-2018				0	Total FY2019-2022			99,009

Pennsylvania - Highway Program

Chester

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

AQ Code 2020M **LIMITS** Main Street to Taylor Alley
IMPROVEMENT: Roadway New Capacity

Major SOV Capacity
 Adding Subcorr(s): **MUNICIPALITIES:** Phoenixville Borough

9B **PROJECT MANAGER:** TSS/HPF *LRPID:41* *Est Let Date: 1/15/2016*

This project is the 1st phase of the design and construction of French Creek Parkway. This project will provide a roadway connection between Main St. and Taylor Alley in the Borough of Phoenixville, and include a new traffic signal, a new bridge over French Creek, and 0.4 miles of new collector roadway and sidewalk network. It is the first phase of the French Creek Parkway Master Plan and will support the redevelopment of a 120-acre brownfield site into a mixed use development with office, retail, and residential uses. A new Functional Classification will need to be established for the roadway.

TOLL CREDIT
 SAFETEA-LU Earmark # 1336 (PA ID #387) \$4 million
 SAFETEA-LU Earmark #4771 (PA ID #587) \$1 million

TIP Program Years (\$ 000)

Phase	Fund	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022
PE	SXF*	218											
PE	SXF	238											
FD	SXF		325										
ROW	SXF		40										
UTL	SXF		25										
CON	STU				1,714								
CON	SXF				3,672								
		456	390	0	5,386	0	0	0	0	0	0	0	0
		Total FY2011-2014			6,232	Total FY2015-2018			0	Total FY2019-2022			0

MPMS# 57664 *Newark Road Intersection Improvements SR:3033*

AQ Code R1 **LIMITS** At Hillendale Road
IMPROVEMENT: Intersection/Interchange Improvements

Minor SOV Capacity
MUNICIPALITIES: New Garden Township

PROJECT MANAGER: EE/JA *Est Let Date: 6/19/2014*

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

TIP Program Years (\$ 000)

Phase	Fund	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022
FD	581	110											
FD	581			56									
ROW	581			225									
UTL	581	112											
UTL	581			113									
CON	581					2,214							
		222	0	394	0	0	2,214	0	0	0	0	0	0
		Total FY2011-2014			616	Total FY2015-2018			2,214	Total FY2019-2022			0

Pennsylvania - Highway Program

Chester

MPMS# 57683 *Old Gap/Newport Pike Bridge Over Valley Creek SR:7401*

AQ Code S19 **LIMITS** Over Valley Creek

IMPROVEMENT: Bridge Repair/Replacement

Not SOV Capacity Adding **MUNICIPALITIES:** Atglen Borough

PROJECT MANAGER: HNTB/GCG

Actl Let Date: 2/9/2012

The project involves the replacement of the Old Gap Newport Pike Bridge over Valley Creek. The existing Old Gap Newport Pike Bridge is a two span, steel I-beam bridge that was built in 1930 and rehabilitated in 1950. The bridge, owned and operated by Atglen Borough, was determined eligible for listing on the National Register of Historic Places. Project involves minimal roadway work and utility pole relocation.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	
CON	BOO	1,525												
CON	183	286												
CON	LOCAL	95												
		1,906	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2011-2014			1,906		Total FY2015-2018			0		Total FY2019-2022		0

MPMS# 57684 *PA 82 Bicycle/Pedestrian Trail*

AQ Code A2 **LIMITS** PA 926 to Mill Road

IMPROVEMENT: Bicycle/Pedestrian Improvement

Not SOV Capacity Adding **MUNICIPALITIES:** East Marlborough Township

PROJECT MANAGER: EE/DVRPC/LS

Est Let Date: 5/15/2015

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

		TIP Program Years (\$ 000)												
Phase	Fund	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	
ROW	CMAQ		75											
ROW	TOLL													
UTL	CMAQ		250											
UTL	TOLL													
CON	CMAQ			672										
CON	TOLL				672									
CON	CMAQ													
CON	TOLL													
		0	325	672	672	0	0	0	0	0	0	0	0	
		Total FY2011-2014			1,669		Total FY2015-2018			0		Total FY2019-2022		0

Pennsylvania - Highway Program

Chester

MPMS# 59434

Schuylkill River Trail (Q20)

AQ Code A2

LIMITS Township Line Road to US 422 over Schuylkill River

IMPROVEMENT: Bicycle/Pedestrian Improvement

Not SOV Capacity Adding

MUNICIPALITIES: East Coventry Township; East Pikeland Township; East Vincent Township; North Coventry Townshi

PROJECT MANAGER: EE/DVRPC/RG

Est Let Date: 2/15/2016

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

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

TIP Program Years (\$ 000)

Phase	Fund	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022
CON	CMAQ				6,956								
		0	0	0	6,956	0	0	0	0	0	0	0	0
		Total FY2011-2014			6,956	Total FY2015-2018			0	Total FY2019-2022			0

MPMS# 60687

Southern Chester County Rail Corridor Improvements (Q26)

AQ Code NRS

LIMITS North of Chadds Ford/West of Brandywine Creek

IMPROVEMENT: Other

Not SOV Capacity Adding

MUNICIPALITIES: Pocopson Township

Adding Subcorr(s): 5A

PROJECT MANAGER: CONSTR

Est Let Date: 10/30/2009

The purpose of this project is install additional track to facilitate the safe and efficient movement of freight cars to and from Wilmington, DE and points north and west. This improvement will eliminate a rail switching operation over US 1 and reduce the conflict between vehicular and rail traffic. The revised scope will achieve comparable safety, air quality, and operational benefits by constructing a 2100 ft rail siding in Pocopson Township to enable the movement and switching of freight rail cars.

TIP Program Years (\$ 000)

Phase	Fund	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022
CON	CMAQ*	432											
		432	0	0	0	0	0	0	0	0	0	0	0
		Total FY2011-2014			432	Total FY2015-2018			0	Total FY2019-2022			0

Pennsylvania - Highway Program

Chester

MPMS# 60703 **East Goshen Township(Signals) SR:2014**
AQ Code 2020M **LIMITS** Airport Rd.- N. Chester Rd. on Paoli Pk
IMPROVEMENT: Signal/ITS Improvements
MUNICIPALITIES: East Goshen Township
PROJECT MANAGER: CONSTR

Act/ Let Date: 6/10/2010

Minor SOV Capacity
 Adding Subcorr(s):
 8B

Installation of a closed loop signal system interconnecting six intersections on Paoli Pike from Airport Rd. to North Chester Rd. (PA 352)

		TIP Program Years (\$ 000)												
Phase	Fund	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	
UTL	CMAQ		316											
CON	CMAQ		100											
		0	416	0	0	0	0	0	0	0	0	0	0	
		Total FY2011-2014			416	Total FY2015-2018				0	Total FY2019-2022			0

MPMS# 61690 **Uwchlan Township Trails - Phase II SR:0000**
AQ Code A2 **LIMITS** Along Sheree Boulevard
IMPROVEMENT: Bicycle/Pedestrian Improvement
MUNICIPALITIES: Uwchlan Township
PROJECT MANAGER: EE/DVRPC/RG

No Let Date

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

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

		TIP Program Years (\$ 000)												
Phase	Fund	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	
CON	STE	0	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2011-2014			0	Total FY2015-2018				0	Total FY2019-2022			0

Pennsylvania - Highway Program

Chester

MPMS# 61885

Schuylkill River Trail (Q42) SR:0000

AQ Code A2

LIMITS Along South Bank of French Creek

Not SOV Capacity Adding

IMPROVEMENT: Bicycle/Pedestrian Improvement

MUNICIPALITIES: Phoenixville Borough

Adding Subcorr(s): 8B, 9A

PROJECT MANAGER: TSS/HPF

No Let Date

Construction of the last mile of trail to connect the southern and northern Schuylkill River Trail segments as they meet at the Borough of Phoenixville.

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

TIP Program Years (\$ 000)

Phase	Fund	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022		
ROW	CMAQ			180											
ROW	LOCAL			45											
UTL	CMAQ			45											
UTL	LOCAL			11											
CON	CAQ				464										
CON	LOCAL				116										
		0	0	281	580	0	0	0	0	0	0	0	0		
		Total FY2011-2014			861	Total FY2015-2018				0	Total FY2019-2022				0

Pennsylvania - Highway Program

Chester

MPMS# 64222 **US 422 Expressway Reconstruction, Chester and Montgomery (M1A) SR:0422**

AQ Code S19 **LIMITS** Schuylkill River Bridge to East of Norfolk Souther

IMPROVEMENT: Roadway Rehabilitation

Minor SOV Capacity **MUNICIPALITIES:** Lower Pottsgrove Township; North Coventry Township

PROJECT MANAGER: EE/LJL

LRPID:02

Act/ Let Date: 6/28/2012

Reconstruction of approximately one mile of expressway on both existing and new alignment meeting current design standards for horizontal radii, shoulder widths, and vertical clearance. SR 0422 will be reconstructed with a 9 foot left shoulder, 2-12 foot lanes, and a 12 foot right shoulder in each direction of travel. A concrete glare screen will be provided for physical separation between eastbound and westbound traffic. The Armand Hammer Boulevard Interchange will be realigned from a Trumpet configuration with tight loop ramps and indirect connection, to a Diamond configuration with a direct connection between Armand Hammer Boulevard and SR 0422. Three (3) bridges carrying SR 0422 over the Schuylkill River, Norfolk Southern Railroad Spur, and Norfolk Southern Railroad Mainline (24.0 Sufficiency Rating), will be reconstructed; and one (1) bridge carrying Armand Hammer Blvd. over SR 0422 will be reconstructed providing 16'-6" of vertical clearance. The Schuylkill River Bridge is a fracture critical structure with Hone-like details (a similar SR 0422 structure with the same type of details experienced girder fracture in 2003). The new structure will have a multi-girder superstructure. The replaced bridge will provide for a 14 foot wide Schuylkill River Trail crossing separated from the vehicular traffic using concrete barrier. As part of the interchange reconfiguration, one (1) existing structure carrying SR 0422 over Ramp EF will be removed. A new traffic signal will be provided at the intersection of Armand Hammer Blvd. and Ramps E and F, while the existing signal at Ramp C and Industrial Highway will be replaced, both to be interconnected with the existing signal along Armand Hammer Blvd at the Home Depot entrance. Also see MPMS #s 14698, 16738, 64220, and 66986.

TIP Program Years (\$ 000)

Phase	Fund	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022
ROW	NHS		1,360										
ROW	581		340										
UTL	NHS	679											
UTL	581	170											
UTL	NHS		1,801										
UTL	581		450										
CON	BOO	9,193											
CON	STP	200											
CON	NHS	1,661											
CON	581	339											
CON	185	2,299											
CON	BOO		7,405										
CON	NHS		3,914										
CON	STP		2,049										
CON	STU		770										
CON	581		192										
CON	185		1,850										
CON	581		512										
CON	581		1,061										
CON	STP			5,490									
CON	BOO			6,040									
CON	SPK-FB			18,008									
CON	185			1,509									
CON	SPK-SB			4,502									
CON	581			1,373									
CON	SPK-FB				16,053								
CON	STP				5,582								
CON	BOO				11,812								
CON	185				2,953								
CON	SPK-SB				4,013								
CON	581				1,395								

Pennsylvania - Highway Program

Chester

14,541	21,704	36,922	41,808	0	0	0	0	0	0	0	0
Total FY2011-2014		114,975		Total FY2015-2018		0		Total FY2019-2022		0	

MPMS# 64494 **US 202, Swedesford Road to PA 29 (Section 320) SR:0202**

AQ Code 2020M **LIMITS** Little Valley Creek Bridge to North Valley Road

IMPROVEMENT: Roadway New Capacity

Major SOV Capacity **MUNICIPALITIES:** East Whiteland Township; Tredyffrin Township

Adding Subcorr(s):
8C

PROJECT MANAGER: TSS/MCF

LRPID:43

Act/ Let Date: 12/9/2010

Roadway widening and reconstruction of US 202 on existing alignment for approximately 4.2 miles of limited access highway between Valley Creek Bridge (between Route 29 and Route 401 interchanges) and North Valley Road. Two additional travel lanes will be constructed in the existing median to provide a total of three 12' travel lanes in each direction and wider shoulders to improve safety. The project also includes ramp modifications to the Route 29 Interchange. Improvements will also help to accommodate pedestrians and bicyclists using the future Chester Valley Trail and other municipal trails. Also included is the widening and rehabilitation of the Valley Creek and North Valley Road bridges, construction of SWM basins and installation of sound barrier walls.

This project is coordinated with MPMS 64498 (Section 330 construction), MPMS 84410 (Section 300 CMP Commitments), and MPMS 14675 (Chester Valley Trail).

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

Project CMP (Congestion Management Process) commitments include strategies such as improvements for transit users, bicyclists, pedestrians, and drivers on the existing road network (operations). See DVRPC's annual memoranda on supplemental strategies for details related to this project. Also see MPMS #84410 for the CMP package of transit services for this project.

TIP Program Years (\$ 000)

Phase	Fund	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022
CON	STU	29,630											
CON	NHS	20,400											
CON	NHS	5,150											
CON	STP	20,658											
CON	STU		13,802										
CON	sSTP		1,380										
CON	STU			8,675									
CON	STP			1,930									
CON	STU				13,450								
CON	STP				2,262								
		75,838	15,182	10,605	15,712	0	0	0	0	0	0	0	0
		Total FY2011-2014		117,337		Total FY2015-2018		0		Total FY2019-2022		0	

Pennsylvania - Highway Program

Chester

MPMS# 64498

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

AQ Code 2020M

LIMITS Exton Bypass to Little Valley Creek Bridge

IMPROVEMENT: Roadway New Capacity

Major SOV Capacity

MUNICIPALITIES: East Whiteland Township

Adding Subcorr(s):

PROJECT MANAGER: TSS/MCF

LRPID:43

Est Let Date: 10/18/2012

8C

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

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

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

Project CMP (Congestion Management Process) commitments include strategies such as improvements for transit users, bicyclists, pedestrians, and drivers on the existing road network (operations). See DVRPC's annual memoranda on supplemental strategies for details related to this project. (Many CMP commitments are also relevant for US 202 Section 400.)

TOLL CREDIT

TIP Program Years (\$ 000)

Phase	Fund	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022
CON	NHS		4,000										
CON	STU		842										
CON	NHS			17,144									
CON	STU			7,044									
CON	NHS				25,855								
CON	STU				6,463								
CON	NHS					20,278							
CON	STU					5,227							
		0	4,842	24,188	32,318	25,505	0	0	0	0	0	0	0
		Total FY2011-2014		61,348		Total FY2015-2018		25,505		Total FY2019-2022		0	

Pennsylvania - Highway Program

Chester

MPMS# 65903 *Park Road Pedestrian Bridge Over PA Turnpike (TE)*

AQ Code A2 **LIMITS** Over PA Turnpike (I-76)

IMPROVEMENT: Bicycle/Pedestrian Improvement

Not SOV Capacity Adding **MUNICIPALITIES:** Upper Uwchlan Township

Adding Subcorr(s): **PROJECT MANAGER:** HNTB/GCG

Act/ Let Date: 12/2/2010

Park Road Pedestrian Bridge Project involves installation of pedestrian facilities for Park Road (T-523, formerly known as S.R. 4035). Project will consist of a 128'-8", 10' wide steel plate girder superstructure over the Pennsylvania Turnpike (Interstate 76). Additionally, the project will include construction of a 450 linear foot long, 6 to 8 foot wide asphalt pathway from the proposed pedestrian bridge to Hickory park. Installation of a flashing pedestrian warning signal where the pedestrian walkway traverses Park Road will also occur.

This project was recommended for funding during the 2002 TE Round. \$608,000 will be drawn from MPMS #64984 at the appropriate time.

TIP Program Years (\$ 000)

Phase	Fund	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	
CON	STE	608												
CON	STE			113										
		608	0	113	0	0	0	0	0	0	0	0	0	
Total FY2011-2014		721			Total FY2015-2018				0	Total FY2019-2022				0

MPMS# 69647

US 322, Brandywine Creek Avenue Bridge Over Brandywine Creek SR:0322

AQ Code S19 **LIMITS** Over Brandywine Creek

IMPROVEMENT: Bridge Repair/Replacement

Not SOV Capacity Adding **MUNICIPALITIES:** East Caln Township; West Bradford Township

Adding Subcorr(s): **PROJECT MANAGER:** DAVIES/LEF

Est Let Date: 10/18/2012

This project involves the replacement of the existing bridge. The structure to be replaced is a three span "fracture critical" steel thru girder bridge. Each span is 72' in length totaling 216'. The existing bridge is 23' wide curb-to-curb and carries one lane of traffic in each direction as well as Pennsylvania's Bike Route L. A sidewalk obstructed by guiderail is located on the western side of the bridge. Reinforced concrete abutments and piers skewed 45 degrees to the roadway centerline support the steel superstructure. The approach roadways north and south of the bridge are approximately 40' wide and consist of 2-12' lanes and 2-8' shoulders. The proposed structure is a three span prestressed concrete bridge. The proposed bridge out-to-out width is 49' 11 1/4', curb to curb is 40' and consists of 2-12' lanes and 2-8' shoulders. The proposed sidewalk width is 5-5 3/4'. The new bridge lane and shoulder widths will match the existing approach roadway lane and shoulder widths. The new 8' shoulders across the bridge will also serve as bike lanes for Pennsylvania's Bike Route L. Reinforced concrete abutments and piers skewed 60 degrees to the roadway centerline will be utilized to support the superstructure and better align with the stream flow. The proposed approach roadway work will be limited to drainage and safety improvements. The approach roadways will be repaved as part of this project, no approach widening is anticipated. A slight change to the existing vertical profile is anticipated to fit the new bridge into the site. The horizontal alignment however will remain unchanged. No public or private utilities are currently located on the bridge.

TIP Program Years (\$ 000)

Phase	Fund	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	
CON	916D		3,410											
CON	916D			2,090										
		0	3,410	2,090	0	0	0	0	0	0	0	0	0	
Total FY2011-2014		5,500			Total FY2015-2018				0	Total FY2019-2022				0

Pennsylvania - Highway Program

Chester

MPMS# 69911 *Harmonyville Road Bridge SR:4018*

AQ Code S19

LIMITS Over Pine Creek

IMPROVEMENT: Bridge Repair/Replacement

Not SOV Capacity Adding

MUNICIPALITIES: Warwick Township

PROJECT MANAGER: HNTB/PAM

Act/ Let Date: 12/15/2011

Replace Harmonyville Road Bridge (SR4018) over Pine Creek in Warwick Township, located west of Bethesda Road. This 22 foot, state-owned bridge is structurally deficient (sufficiency rating of 32), posted at 19 tons/35 tons combination, and originally constructed in 1937.

		TIP Program Years (\$ 000)											
Phase	Fund	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022
CON	BOO		909										
CON	185		227										
		0	1,136	0	0	0	0	0	0	0	0	0	0
Total FY2011-2014		1,136				Total FY2015-2018		0		Total FY2019-2022		0	

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

AQ Code S19

LIMITS Over Valley Creek

IMPROVEMENT: Bridge Repair/Replacement

Not SOV Capacity Adding

MUNICIPALITIES: Atglen Borough

PROJECT MANAGER: EE/JB

Est Let Date: 3/27/2014

This project is the replacement of an existing single span adjacent box beam bridge with a precast reinforced concrete arch culvert (CON/SPAN). The existing and the proposed structure will be located under 12.0' of fill. It is not considered historical. The existing sufficiency rating is 44.7. The structure currently has an ADT of 13,777 with 21% trucks. The existing lane widths are 11' and each shoulder is 8' (total 38'). The proposed structure will have 12' lanes with a 12' shoulder on the left and a 16' shoulder on the right (total 52'). The larger shoulder is required for traffic control during construction. Approach roadway work will be approximately ½ mile (includes SR 41/Section NPP) to provide a lane and shoulder width that meets current criteria in order to maintain traffic during construction. There are no existing pedestrian or bike features. There are no planned pedestrian or bike accommodations.

		TIP Program Years (\$ 000)											
Phase	Fund	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022
PE	BOO		235										
FD	185		175										
ROW	916	200											
UTL	916	150											
CON	916	1,746											
CON	916		1,746										
		2,096	2,156	0	0	0	0	0	0	0	0	0	0
Total FY2011-2014		4,252				Total FY2015-2018		0		Total FY2019-2022		0	

Pennsylvania - Highway Program

Chester

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

AQ Code S19 **LIMITS** Over Officers Run

IMPROVEMENT: Bridge Repair/Replacement

Not SOV Capacity Adding **MUNICIPALITIES:** Atglen Borough

PROJECT MANAGER: EE/JB

Est Let Date: 3/27/2014

This project is the replacement of an existing single span reinforced concrete T-beam bridge with a spread box beam widening on the left side with a prestressed concrete spread box beam bridge. It is not considered historical. The existing sufficiency rating is 76.4. The structure currently has an ADT of 13,777 with 21% trucks. The existing lane widths are 11' with varying shoulders (8' to 10') and has a variable width raised mountable median providing for a minimum of 51'-3" curb-to-curb. The proposed structure will have 12' lanes with a 12' shoulder on the left and a 16' shoulder on the right and a 15' median providing an 11' turn lane and a 4' painted traffic separator (total 70'-4 1/2"). The larger shoulder is required for traffic control during construction. Approach roadway work will be approximately 1/2 mile (includes SR 41/Section VCB) to provide a lane and shoulder width that meets current criteria in order to maintain traffic during construction. There are no existing pedestrian or bike features. There are no planned pedestrian or bike accommodations.

TIP Program Years (\$ 000)

Phase	Fund	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022
PE	185	150											
PE	185		239										
PE	185			85									
FD	185		99										
FD	185			37									
ROW	916	100											
UTL	916	150											
CON	916	3,925											
		4,325	338	122	0	0	0	0	0	0	0	0	0
		Total FY2011-2014			4,785	Total FY2015-2018			0	Total FY2019-2022			0

Pennsylvania - Highway Program

Chester

MPMS# 70227

PA 29, Intersection Improvements - Phase 3 SR:0029

AQ Code R1

LIMITS Charlestown Road to Whitehorse Road

IMPROVEMENT: Intersection/Interchange Improvements

Minor SOV Capacity

MUNICIPALITIES: Charlestown Township; East Whiteland Township

Adding Subcorr(s):

PROJECT MANAGER: TSS/SPF

8C

Act/ Let Date: 5/24/2012

This is the third and final phase of an economic development partnership project to add channelization to adjacent intersections along PA 29. The second phase of the project was awarded in November 2003.

This project consists of intersection improvements at the signalized intersections of Morehall Road (S.R. 0029)/Yellow Springs Road/Warner Lane, Morehall Road/Whitehorse Road and Morehall Road/Phoenixville Pike/Charlestown Road. Morehall Road (S.R. 0029) will be widened north of Yellow Springs Road to provide for a 10 foot wide southbound left turn lane, two 12 foot wide northbound through lanes, one 11 foot wide southbound through lane, a 13 foot wide curbed southbound through lane and a 5 foot wide northbound shoulder. Charlestown Road will be widened to provide for a 14 foot wide westbound right turn lane onto Morehall Road. Morehall Road will be widened south of Whitehorse Road to provide for an additional 11 foot southbound through lane and the existing northbound right turn lane will be converted to a thru/right lane. Morehall Road will be widened between Whitehorse Road and Charlestown Road to provide for a 11 foot wide northbound left turn lane, two 12 foot wide northbound through lanes, a 12 foot wide northbound right turn lane an 11 foot wide southbound left turn lane two 12 foot wide southbound through lanes and 5 foot shoulders on both sides of the road. Phoenixville Pike will be widened east of Charlestown Road to provide for two 12 foot wide westbound left turn lanes, a 12 foot wide eastbound through lane, a 12 foot wide westbound through lane and 5 foot shoulders on both sides of the road. Charlestown Road will be widened to provide for an 11 foot wide southbound left turn lane, two 12 foot wide southbound through lanes, two 12 foot wide northbound through lanes and 5 foot shoulders on both sides of the road. West of Charlestown Road, Phoenixville Pike will be widened to provide for a 12 foot wide left turn lane, a 12 foot wide eastbound through lane, a 12 foot wide westbound through lane and a 5 foot wide shoulder on both sides of the road. Traffic signals will be upgraded or replaced at the intersections of Morehall Road/Yellow Springs Road/Warner Lane, Morehall Road/Whitehorse Road and Morehall Road/Phoenixville Pike/Charlestown Road. The existing Norfolk Southern railroad crossing of S.R. 0029, just south of Phoenixville Pike, will be upgraded to current standards or removed, based on continuing discussions between PennDOT and Norfolk Southern.

Note that \$1.9 million for construction is provided by 100% STATE SPIKE funds.

TIP Program Years (\$ 000)

Phase	Fund	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022
CON	SPK-SH	950											
CON	581	1,261											
CON	TPK	775											
CON	581		569										
CON	SPK-SH		978										
CON	TPK		775										
		2,986	2,322	0	0	0	0	0	0	0	0	0	0
		Total FY2011-2014		5,308		Total FY2015-2018			0	Total FY2019-2022			0

Pennsylvania - Highway Program

Chester

MPMS# 70241 **Kennett Square Closed Loop Signal System SR:0000**

AQ Code 2013M **LIMITS** State/Cypress/Union Streets

IMPROVEMENT: Signal/ITS Improvements

Minor SOV Capacity **MUNICIPALITIES:** Kennett Square Borough

Adding Subcorr(s): **PROJECT MANAGER:** Gannett/SAN

Est Let Date: 10/18/2012

5A

Install a closed loop traffic system on various streets at approximately 7 intersections in Kennett Square Borough including State Street, Cypress Street and Union Street (PA 82). The project was recommended in a transportation-land use study done by the Kennett Regional Planning Commission. The purpose would be to reduce overall traffic delay in the commercial district without creating excessive speeds with proper integration to the pedestrian network. State/Cypress Streets (Signals)

		TIP Program Years (\$ 000)												
Phase	Fund	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	
CON	CMAQ	1,061												
CON	CMAQ		864											
CON	CMAQ			432										
		1,061	864	432	0	0	0	0	0	0	0	0	0	
		Total FY2011-2014			2,357	Total FY2015-2018				0	Total FY2019-2022			0

MPMS# 71195 **Coatesville Train Station Rehabilitation SR:0030**

AQ Code M8 **LIMITS** 3rd Avenue at Fleetwood Street

IMPROVEMENT: Transit Improvements

Not SOV Capacity **MUNICIPALITIES:** Coatesville City

Adding Subcorr(s): **PROJECT MANAGER:** EE/DVRPC/LS

No Let Date

7E

Rehabilitation of the existing Amtrak train station as part of the Transportation Enhancements program and \$1 million specially earmarked FTA funds. This project accounts for the Highway funding (TE). Funds will be flexed to FTA (PA-55-0005).

\$300,323 TE funds were approved during the FY2004 project selection process, to be programmed at the appropriate time, drawing funds from MPMS #64984.

This project received a \$1 million transit earmark so that FTA can conduct an environmental review. See MPMS# 87534 for the \$1 million Transit (FTA Section 5309) Earmark.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	
CON	STE	0	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2011-2014			0	Total FY2015-2018				0	Total FY2019-2022			0

Pennsylvania - Highway Program

Chester

MPMS# 71197

Sadsburyville Village Enhancement Plan (HTSSRS) SR:4001

AQ Code A2

LIMITS Lincoln Highway at Old Wilmington Road

IMPROVEMENT: Streetscape

Not SOV Capacity Adding

MUNICIPALITIES: Sadsbury Township

PROJECT MANAGER: EE/DVRPC/JB

No Let Date

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

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

\$436,250 TE funds were approved during the FY2004 project selection process, to be programmed at the appropriate time, drawing funds from MPMS #64984.

TIP Program Years (\$ 000)

Phase	Fund	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022
CON	STE	0	0	0	0	0	0	0	0	0	0	0	0
		Total FY2011-2014				Total FY2015-2018				Total FY2019-2022			
		0				0				0			

MPMS# 71198

Park Road Trail (TE) SR:0100

AQ Code A2

LIMITS PA 100 to Marsh Creek State Park

IMPROVEMENT: Bicycle/Pedestrian Improvement

Not SOV Capacity Adding

MUNICIPALITIES: Upper Uwchlan Township

PROJECT MANAGER: Gannett/CS

No Let Date

This project is for the continuation of a multi-use trail from the turnpike bridge to Marsh Creek State Park (approx. 1/2 mile). There currently is no sidewalk or trail and pedestrians and bicyclists must use the roadway. The existing roadway consists of two 11' lanes with no shoulders. The proposed trail will be 6' wide and be within existing ROW. The project will be coordinated with MPMS 65903 (Trail over the turnpike).

\$400,000 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	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022
CON	STE	0	0	0	0	0	0	0	0	0	0	0	0
		Total FY2011-2014				Total FY2015-2018				Total FY2019-2022			
		0				0				0			

Pennsylvania - Highway Program

Chester

MPMS# 72603 **US 322, Main Street at PA 10 Intersection Improvem**

AQ Code R2 **LIMITS** Main Street at PA 10

IMPROVEMENT: Signal/ITS Improvements

Not SOV Capacity Adding **MUNICIPALITIES:** Honey Brook Borough

PROJECT MANAGER: TSS/HPF

Act/ Let Date: 4/15/2010

Intersection improvements inclusive of new traffic signals and timing. The signal installation to include new posts, mast-arms, heads, conduit, and wiring. A new controller will also be installed. Possible bulb-outs of the curbing to be installed. The curb ramps at the (4) corners of the intersection will be updated to meet the latest ADA criteria.

2 SAFETEA-LU Earmarks

\$384,566 - PA ID# 374, Fed ID# 1076 (Only \$307,776 available)

\$100,148 - PA ID# 575, Fed ID# 4765 (Only \$80,148 available)

TIP Program Years (\$ 000)

Phase	Fund	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022
FD	SXF	25											
FD	TOLL												
CON	SXF	275											
CON	TOLL												
CON	581	4											
		304	0	0	0	0	0	0	0	0	0	0	0
		Total FY2011-2014			304	Total FY2015-2018			0	Total FY2019-2022			0

MPMS# 72910 **Coatesville Third Avenue Train Station - Streetscape (HTSSRS)**

AQ Code A2 **LIMITS** 3rd Avenue, Coatesville Train Station to Lincoln H

IMPROVEMENT: Streetscape

Not SOV Capacity Adding **MUNICIPALITIES:** Coatesville City

PROJECT MANAGER: EE/DVRPC/LS

No Let Date

This project will provide for pedestrian improvements along 3rd Avenue between the Coatesville Train Station and Lincoln Highway. The project includes sidewalk widening and replacement, street trees, street furniture, crosswalks, and lighting.

The Home Town Streets/Safe Routes to School (HTSSRS) programs are intended to improve the quality of life in our communities. Projects aim to encourage reinvestment in and redevelopment of our downtowns, and to establish safe walking routes for children to commute to school where feasible.

This project was recommended in the spring of 2005 for funding through the HTSSRS program. \$977,500 funding will be drawn down at the appropriate time.

Also note that the Coatesville Train Station was approved for \$300,323 TE funds (See MPMS# 71195 for the Highway funded TE project) as well as a \$1 million Transit (FTA Section 5309) earmark (MPMS #87534).

TIP Program Years (\$ 000)

Phase	Fund	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022
CON	STE	0	0	0	0	0	0	0	0	0	0	0	0
		Total FY2011-2014			0	Total FY2015-2018			0	Total FY2019-2022			0

Pennsylvania - Highway Program

Chester

MPMS# 72911

Phoenixville Streetscape (HTSSRS) SR:1040

AQ Code A2

LIMITS Bridge Street, Franklin Avenue to PA 23

IMPROVEMENT: Streetscape

Not SOV Capacity Adding

MUNICIPALITIES: Phoenixville Borough

Adding Subcorr(s): 9B

PROJECT MANAGER: EE/DVRPC/JC

No Let Date

The project consists of the revitalization of the 100, 200, and 300 block of Bridge Street which consists of the intersections of routes 29,113, and a minor route 420. The installation of sidewalks, street lightning and street furniture will highlight the effort to revitalize the Borough. The effort is being undertaken in conjunction with the Pennsylvania DCED Main Street Program.

The Home Town Streets/Safe Routes to School (HTSSRS) programs are intended to improve the quality of life in our communities. Projects aim to encourage reinvestment in and redevelopment of our downtowns, and to establish safe walking routes for children to commute to school where feasible. This project was recommended in the spring of 2005 for funding through the HTSSRS program. \$1 million funding will be drawn down at the appropriate time.

TIP Program Years (\$ 000)													
Phase	Fund	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022
CON	STE			828									
CON	STE				172								
		0	0	828	172	0	0	0	0	0	0	0	0
Total FY2011-2014				1,000		Total FY2015-2018		0		Total FY2019-2022		0	

MPMS# 72912

West Grove Community Streetscape (HTSSRS)

AQ Code A2

LIMITS Evergreen Avenue/Prospect Avenue/Exchange Place

IMPROVEMENT: Streetscape

Not SOV Capacity Adding

MUNICIPALITIES: West Grove Borough

Adding Subcorr(s): 3A, 10A

PROJECT MANAGER: EE/DVRPC/LS

No Let Date

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

Home Town Streets/Safe Routes to School (HTSSRS) programs are intended to improve the quality of life in our communities. Projects aim to encourage reinvestment in and redevelopment of our downtowns, and to establish safe walking routes for children to commute to school where feasible. This project was recommended in the spring of 2005 for funding through the HTSSRS program. \$1 million funding will be drawn down at the appropriate time.

TIP Program Years (\$ 000)													
Phase	Fund	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022
CON	STE	0	0	0	0	0	0	0	0	0	0	0	0
Total FY2011-2014				0		Total FY2015-2018		0		Total FY2019-2022		0	

Pennsylvania - Highway Program

Chester

MPMS# 77457

Church Street Streetscape (TE)

AQ Code X12

LIMITS Chestnut Street to Miner Street

IMPROVEMENT: Streetscape

Not SOV Capacity Adding

MUNICIPALITIES: West Chester Borough

Adding Subcorr(s): 8B

PROJECT MANAGER: EE/DVRPC/RG

No Let Date

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

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

TIP Program Years (\$ 000)

Phase	Fund	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022
CON	STE			849									
		0	0	849	0	0	0	0	0	0	0	0	0
Total FY2011-2014				849		Total FY2015-2018		0		Total FY2019-2022		0	

MPMS# 77459

Phoenixville Streetscape (HTSSRS)

AQ Code X12

LIMITS PA 29/PA 23/PA 113

IMPROVEMENT: Streetscape

Not SOV Capacity Adding

MUNICIPALITIES: Phoenixville Borough

Adding Subcorr(s): 9A, 9B

PROJECT MANAGER: EE/DVRPC/JC

No Let Date

The proposed historic streetscape project will enhance the historic downtown District in Phoenixville. The enhancements include streetlights, trash receptacles and benches, new sidewalks and curbs to enhance the downtown.

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

TIP Program Years (\$ 000)

Phase	Fund	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022
CON	STE			829									
CON	STE				171								
		0	0	829	171	0	0	0	0	0	0	0	0
Total FY2011-2014				829	171	Total FY2015-2018		0		Total FY2019-2022		0	

Pennsylvania - Highway Program

Chester

MPMS# 77476

Kennett Pike Bikeway SR:0052

AQ Code A2

LIMITS PA 52, High Street to Burnt Mill Road

IMPROVEMENT: Bicycle/Pedestrian Improvement

Not SOV Capacity Adding

MUNICIPALITIES: Kennett Township

Adding Subcorr(s): 5A

PROJECT MANAGER: EE/DVRPC/RG

No Let Date

This project will be an approximately 1.5-mi greenway along PA 52 (a PA Scenic Byway). Two major changes to the current landscape of this historic and scenic roadway are proposed. A pedestrian & bicycle way with traffic calming & safety improvements will be built and the historic landscape alongside the road will be restored.

In the spring of 2006 this project was recommended for discretionary funding through the HTSSRS/TE Program. \$740,453 will be drawn from MPMS #64984 at the appropriate time.

TIP Program Years (\$ 000)

Phase	Fund	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022
CON	STE	0	0	0	0	0	0	0	0	0	0	0	0
		Total FY2011-2014				Total FY2015-2018				Total FY2019-2022			
		0				0				0			

MPMS# 80042

PA 100, Corridor Safety Improvements SR:0100

AQ Code S6

LIMITS Hanover Street to Font Road

IMPROVEMENT: Intersection/Interchange Improvements

Not SOV Capacity Adding

MUNICIPALITIES: West Vincent Township; East Nantmeal Township; North Coventry Township; South Coventry Town

PROJECT MANAGER: TSS/DMB

Est Let Date: 1/15/2015

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

TIP Program Years (\$ 000)

Phase	Fund	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022
FD	HSIP	123											
FD	581	31											
ROW	HSIP		109										
ROW	581		27										
CON	HSIP			1,396									
CON	581			349									
		154	136	1,745	0	0	0	0	0	0	0	0	0
		Total FY2011-2014				Total FY2015-2018				Total FY2019-2022			
		2,035				0				0			

Pennsylvania - Highway Program

Chester

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

AQ Code S19

LIMITS Over Trout Run Creek

IMPROVEMENT: Bridge Repair/Replacement

Not SOV Capacity Adding

MUNICIPALITIES: Tredyffrin Township

PROJECT MANAGER: TSS/GANNETT

Est Let Date: 4/15/2015

Replace Thompson's Bridge on Walker Road over Trout Run Creek in Tredyffrin Township. This County owned bridge (#301) is structurally deficient (sufficiency rating of 4), functionally obsolete, and posted for 15 tons. The bicycle and pedestrian checklists will be incorporated into the project.

		TIP Program Years (\$ 000)													
Phase	Fund	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022		
FD	BOO	297													
FD	185	55													
FD	LOCAL	19													
ROW	BOO		87												
ROW	183		16												
ROW	LOCAL		5												
CON	BOO			1,816											
		371	108	1,816	0	0	0	0	0	0	0	0	0		
Total FY2011-2014		2,295			Total FY2015-2018				0				Total FY2019-2022		0

MPMS# 80050 *Pusey Mill Road Bridge Over Big Elk Creek (Quimby's Bridge)*

AQ Code S19

LIMITS Over Big Elk Creek

IMPROVEMENT: Bridge Repair/Replacement

Not SOV Capacity Adding

MUNICIPALITIES: Penn Township

PROJECT MANAGER: TSS/GANNETT

Est Let Date: 6/16/2014

The proposed project consists of the replacement of the existing steel girder bridge with a new, pre-cast concrete arch bridge. The bridge will be replaced on-alignment with no change in horizontal alignment. The roadway profile across the bridge will be evaluated and adjusted if needed to meet hydraulic requirements. Minimal approach work is anticipated. The existing bridge is highly deteriorated and narrower than the roadway due to its reduction to one lane at the center of the structure. The replacement will restore two lane traffic over the structure, improve sight distance across the structure, and keep this stream crossing open to traffic in the future.

		TIP Program Years (\$ 000)													
Phase	Fund	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022		
CON	BOO			1,080											
CON	183			202											
CON	LOCAL			67											
		0	0	1,349	0	0	0	0	0	0	0	0	0		
Total FY2011-2014		1,349			Total FY2015-2018				0				Total FY2019-2022		0

Pennsylvania - Highway Program

Chester

MPMS# 80060 **London Track Bridge Over White Clay Creek**

AQ Code S19

LIMITS Over White Clay Creek

IMPROVEMENT: Bridge Repair/Replacement

Not SOV Capacity Adding

MUNICIPALITIES: London Britain Township

PROJECT MANAGER: HNTB/NV

Act/ Let Date: 6/21/2012

This project entails the replacement of the existing structure that carries SR 3034 over the White Clay Creek. Project is in the White Clay Creek reserve and will require coordination with the National Park Service. Candidate to be turned back to Township after construction

		TIP Program Years (\$ 000)												
Phase	Fund	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	
FD	916	500												
CON	BND		1,159											
CON	BND			1,159										
		500	1,159	1,159	0	0	0	0	0	0	0	0	0	
		Total FY2011-2014			2,818	Total FY2015-2018				0	Total FY2019-2022			0

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

AQ Code R1

LIMITS At Wawaset Road and Lenape Unionville Road

IMPROVEMENT: Intersection/Interchange Improvements

Minor SOV Capacity

MUNICIPALITIES: Pocopson Township

PROJECT MANAGER: HNTB/MR

Est Let Date: 3/28/2013

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

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

		TIP Program Years (\$ 000)												
Phase	Fund	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	
CON	CMAQ				1,591									
		0	0	0	1,591	0	0	0	0	0	0	0	0	
		Total FY2011-2014			1,591	Total FY2015-2018				0	Total FY2019-2022			0

Pennsylvania - Highway Program

Chester

MPMS# 83710 *Boot Road Extension Bridge Over Brandywine Creek*

AQ Code 2020M

LIMITS Over Brandywine Creek

IMPROVEMENT: Roadway New Capacity

Major SOV Capacity

MUNICIPALITIES: Downingtown Borough

Adding Subcorr(s):

PROJECT MANAGER: Gannett/BPM

7E

Est Let Date: 3/2/2017

Project will include the construction of a new bridge over the Brandywine Creek with one travel lane in each direction and sidewalks. The project will provide a more direct connection to the Downingtown Amtrak/SEPTA Train Station and regional bicycle and pedestrian facilities, including PA Bicycle Route L.

The new bridge is one component of the Boot Road Extension project, which connects Boot Road (S.R. 2020) from its current terminus point with Brandywine Avenue (S.R. 0322) (east side of the Bridge) to Viaduct Avenue (S.R. 3053). The road extensions on both sides of the bridge will be paid for entirely with local funds. The bridge and road will be publicly owned and open to all traffic. The new roadway is not yet part of the federal aid system.

This project is partially funded by a \$700,000 2008 Appropriations Earmark (PAID #719) and \$499,915 2010 Appropriations Earmark (PA ID# 730). \$667,000 FY2009 TCSP funds have also been awarded to this project. The Transportation, Community, and System Preservation (TCSP) Program, an initiative of SAFETEA-LU which authorized the TCSP Program from FY2005 through FY2009, is a comprehensive initiative of research and grants to investigate the relationships between transportation, community, and system preservation plans and practices, and identify private sector-based initiatives to improve such relationships.

TIP Program Years (\$ 000)

Phase	Fund	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	
FD	LOCAL		142											
ROW	LOCAL		84											
UTL	LOCAL		225											
CON	SXF			1,190										
CON	TCS			667										
CON	LOCAL			1,640										
		0	451	3,497	0	0	0	0	0	0	0	0	0	
		Total FY2011-2014			3,948		Total FY2015-2018			0	Total FY2019-2022			0

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

AQ Code M1

LIMITS R5/Paoli - Thorndale

IMPROVEMENT: Other

Not SOV Capacity

MUNICIPALITIES:

Adding

PROJECT MANAGER: TSS/MCF

Adding Subcorr(s):

8B, 8C, 16A

No Let Date

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

TIP Program Years (\$ 000)

Phase	Fund	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	
PE	STP	2,272												
PE	STP*	2,694												
PE	STP		2,233											
		4,966	2,233	0	0	0	0	0	0	0	0	0	0	
		Total FY2011-2014			7,199		Total FY2015-2018			0	Total FY2019-2022			0

Pennsylvania - Highway Program

Chester

MPMS# 84531

AQ Code A2

Not SOV Capacity
Adding

Chester ADA Ramps

LIMITS Chester County

IMPROVEMENT: Bicycle/Pedestrian Improvement

MUNICIPALITIES: Various

PROJECT MANAGER:

No Let Date

Construction of ADA Curb Ramps and upgrade of existing ADA ramps where feasible along various roads in Chester County. These locations include:

Boot Road

From Pottstown Pike (SR 3100) to Brandywine Avenue (SR 322)

Paoli Pike, from Turner Lane to Township Park Entrance/Nibberd Lane;

High Street

From Rosedale Avenue to Price Street (SR 52)

SR 3100 High Street

From Price Street (SR 52) to Marshall Street (SR 2011/Boro. St.)

SR 3072 Hannum Avenue

From Chestnut Street/Wayne Street to Market Street/New Street

SR 3 Market Street

From New Street (SR 3072) to Bolmar Street

SR 3 WB Gay Street/Matlack Street/Chestnut Street

From New Street to Adams Street

SR 2011 Marshall Street

From High Street (SR 3100) to Matlack Street

SR 52 Price Street

From Bradford Avenue to High Street (SR 3100/SR 2003)

SR 842 West Miner Street

From Bradford Avenue to High Street (SR 3100)

SR 30 Lancaster Avenue/Lincoln Highway

From Plank Avenue to Devon Square

SR 322 Main Street

From Conestoga Avenue (SR10) to Honeybrook Gardens

SR 322 Manor Avenue/Lancaster Avenue

From Downingtown HS Drive to Lancaster Avenue (SR 3070)/Wallace Avenue (SR 4282)/Park Lane

SR 3070 Lincoln Highway/Lancaster Avenue

From 1st Avenue (SR 3049) to Pottstown Pike (SR 100)

SR 82 Strode Avenue/Lincoln Highway

From Valley Road (SR 372) to Lincoln Highway (SR 3070)

SR 3073 5th Avenue/Elm Street/Black Horse Hill Road

From Lincoln Highway (SR 3070) to VA Hospital

SR 3074 13th Avenue

From Lincoln Highway (SR 3070) to Olive Street

SR 372 Main Street

From Valley Avenue to Lower Valley Road

Pennsylvania - Highway Program

Chester

SR 372 1st Avenue
Intersection of Church Street (SR 10)

SR 23 Main Street
National Penn Bank Driveway

SR 23 Schuylkill Road/Nutt Road
From Kimberton Road (SR 113) to Starr Street

SR 3053 Bradford Avenue
From Viaduct Avenue to Lancaster Avenue (SR 3070)

SR 282 Wallace Avenue
Intersection of Pennsylvania Avenue

SR 113 Uwchlan Avenue
Intersection of Pennsylvania Avenue

SR 1041 Wall Street
Spring City Elementary School

SR 1039 Bridge Street
From Glass Avenue to Main Street (SR 1043)

SR 1043 New Street/Main Street
From Wall Street to Bridge Street (SR 1039)

SR 29 Main Street/Manavon Street/Starr Street
From City Line Avenue to Fourth Street

SR 1019 Bridge Street
From Jefferson Avenue to Chester Avenue

SR 1036 Pot House Road
Intersection of Charlestown Road/Bridge Avenue (SR 1019)

SR 113 Bridge Street/Gay Street/Emmett Street/Dayton Street
From Church Street to Grant Street

SR 82 South Street East/Union Street
From Walnut Street to Sickle Street

SR 41 Pennsylvania Avenue
From West State Street/1st Avenue to 5th Avenue

SR 841 Prospect Street/Evergreen Avenue
From Walnut Street/Bushong Alley to Exchange Place

SR 3026 3rd Street/Lincoln Avenue
From Hodgson Street to Chase Street/5th Street

SR 472 Market Street
From Sixth Street to Pine Street

SR 3003 Fifth Street
From Garfield Street to Broad Street

SR 3016 Locust Street
Intersection of Second Street

SR 10 Third Street
From Lincoln Street (SR 3026)/Market Street (SR 472) to Mt Vernon Street

SR 162 Embreeville Road

Pennsylvania - Highway Program

Chester

Intersection of Doe Run Road (PA 82)

SR 842 Unionville-Wawaset Road
Intersection of Doe Run Road (PA 82)

SR 1006 Conestoga Road
From Conestoga High School to Howellville Road/Cassatt Road (SR 1007)

SR 1008 Upper Gulph Road
Intersection of Old Eagle School Road (SR 1009)

SR 252 Bearhill Road/Valley Forge Road
From Central Avenue/Friendship Drive to Anthony Wayne Drive

SR 1005 Valley Road
Intersection of Bracken Road (SR 1009)

SR 1007 Cassatt Road
Intersection of Howellville Road

TIP Program Years (\$ 000)

Phase	Fund	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022
CON	STU		20										
		0	20	0	0	0	0	0	0	0	0	0	0
Total FY2011-2014				20		Total FY2015-2018		0		Total FY2019-2022		0	

MPMS# 84961

AQ Code S6

Not SOV Capacity
Adding

Yellow Springs Parking & Street Enhancement (TCSP)

LIMITS Historic Yellow Springs

IMPROVEMENT: Bicycle/Pedestrian Improvement

MUNICIPALITIES: West Pikeland Township

PROJECT MANAGER: AECOM/CC

No Let Date

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

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

TIP Program Years (\$ 000)

Phase	Fund	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022
CON	TCS	134											
CON	TOLL												
CON	DEMO	20											
		154	0	0	0	0	0	0	0	0	0	0	0
Total FY2011-2014				154		Total FY2015-2018		0		Total FY2019-2022		0	

Pennsylvania - Highway Program

Chester

MPMS# 84989 **PA 100, South Pines Community Noisewalls**
AQ Code X6 **LIMITS** Kirkland Avenue Overpass to Phoenixville Pike
IMPROVEMENT: Other
MUNICIPALITIES: West Goshen Township

Not SOV Capacity Adding

PROJECT MANAGER: Gannett/BPM

Act/ Let Date: 5/12/2011

This project involves the construction of noise barriers adjacent to the southbound lanes of State Route (S.R.) 0100 Spur, between the Kirkland Avenue and Phoenixville Pike overpasses in West Goshen Township and the Borough of West Chester, Chester County, PA. The proposed barrier is continuous with a length of 4,250 feet (1,295.4 meters). A noise study has been completed.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	
FD	581D	350												
CON	581D	4,300												
		4,650	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2011-2014			4,650	Total FY2015-2018				0	Total FY2019-2022			0

MPMS# 85062 **PA 252 Underpass/US 30 Intersection**
AQ Code R2 **LIMITS** PA 252 at US 30
IMPROVEMENT: Intersection/Interchange Improvements
MUNICIPALITIES:
PROJECT MANAGER: TSS/SPF

Minor SOV Capacity Adding Subcorr(s): 7D

No Let Date

PE in FY11, FD in FY12, UTL in FY12, and CON in FY12 . This project is a component of the Paoli Transportation Center Road Improvements project (MPMS #47979) and implements some of the short term solutions recommended by the Feasibility Study for the PA 252 Underpass and US 30 Intersection undertaken using DEMO funds for that location. The long term improvement of a new railroad bridge at the intersection to address the safety, congestion, and bottleneck approaching the intersection is beyond the fiscal capabilities of the region at this time, but the available earmark for the location is described as "Bridge reconstruction and road widening on Route 252 and Route 30 in Tredyffrin Twp., PA". The proposed short term improvements to improve the pedestrian crossings signal timing, and lane configurations are ineligible for the remaining earmark funding (noted as \$1,200,000 DEMO/\$300,000 Local Match in FY12). To that end, FY11 and FY12 CMAQ funding will be shifted from Paoli Transportation Center Road Improvements project MPMS #47979 to this MPMS #85062 as the first breakout improvements for the Paoli Transportation Center Roadway improvements. A working group comprised of stakeholders for the Paoli Transportation Center has been meeting to work to develop a plan for implementing improvements in the area. This project includes improvements that will help to reduce congestion and increase safety near the intersection of PA 252 and US 30 and include upgrades to the traffic signal to provide a left turn phase, signal timing, pedestrian improvements, lane reconfigurations, and striping.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	
STDY	DEMO		1,200											
STDY	LOCAL		300											
PE	CMAQ	140												
PE	581	35												
FD	CMAQ	140												
FD	581	35												
UTL	CMAQ	40												
UTL	581	10												
CON	CMAQ	880												
		1,280	1,500	0	0	0	0	0	0	0	0	0	0	
		Total FY2011-2014			2,780	Total FY2015-2018				0	Total FY2019-2022			0

DVRPC FY 2011-2014 TIP for PA

Pennsylvania - Highway Program

Chester

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

AQ Code S19

LIMITS Over Beaver Creek

IMPROVEMENT: Bridge Repair/Replacement

Not SOV Capacity Adding

MUNICIPALITIES: East Brandywine Township

PROJECT MANAGER: TSS/GANNETT

No Let Date

Replace Hadfield Road over Beaver Creek in East Brandywine Township. This County owned bridge (#244) is structurally deficient (sufficiency rating of 37), functionally obsolete, and posted for 12 tons. The bridge has the following condition ratings: deck - 4, super - 4, sub - 7.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	
FD	BOO			315										
FD	183			59										
FD	LOCAL			20										
ROW	BOO				46									
ROW	183				9									
ROW	LOCAL				2									
CON	BOO					1,910								
CON	183					358								
CON	LOCAL					119								
		0	0	394	57	2,387	0	0	0	0	0	0	0	
Total FY2011-2014		451			Total FY2015-2018			2,387			Total FY2019-2022			0

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

AQ Code S19

LIMITS Over Muddy Run

IMPROVEMENT: Bridge Repair/Replacement

Not SOV Capacity Adding

MUNICIPALITIES: Upper Oxford Township

PROJECT MANAGER: TSS/GANNETT

No Let Date

Replace Watermark Rd. over Muddy Run in Upper Oxford Township. This County owned bridge (#21) is structurally deficient (sufficiency rating of 24), functionally obsolete, and posted for 10 tons. The bridge has the following condition ratings: deck - 5, super - 4, sub - 6.

This project was included in the Bridge Bill (1988, Act 23, pg 67, ID LBVVVV) and is eligible for state bridge funding. BMS number is 15701503200021.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	
PE	BOO*	360												
FD	BOO			45										
FD	183			9										
FD	LOCAL			2										
ROW	BOO			45										
ROW	183			9										
ROW	LOCAL			2										
CON	BOO					1,910								
CON	183					358								
CON	LOCAL					119								
		360	0	112	0	2,387	0	0	0	0	0	0	0	
Total FY2011-2014		472			Total FY2015-2018			2,387			Total FY2019-2022			0

DVRPC FY 2011-2014 TIP for PA

Pennsylvania - Highway Program

Chester

MPMS# 86698

Osborne Road Bridge Over Beaver Creek

AQ Code S19

LIMITS Over Beaver Creek

Not SOV Capacity Adding

IMPROVEMENT: Bridge Repair/Replacement

MUNICIPALITIES: Caln Township

PROJECT MANAGER: TSS/GANNETT

No Let Date

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

This project was included in the Bridge Bill (2004, Act 145, pg 345, ID LB4) and is eligible for state bridge funding. The BMS number is 15710101200001.

TIP Program Years (\$ 000)

Phase	Fund	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022
FD	BOF	325											
FD	183	60											
FD	LOCAL	21											
ROW	BOF				46								
ROW	183				9								
ROW	LOCAL				2								
CON	BOF					1,910							
CON	183					358							
CON	LOCAL					119							
		406	0	0	57	2,387	0	0	0	0	0	0	0
		Total FY2011-2014			463	Total FY2015-2018			2,387	Total FY2019-2022			0

Pennsylvania - Highway Program

Chester

MPMS# 87149

Tredyffrin Sidewalks - Phase I

AQ Code A2

LIMITS Conestoga, Howellville, Irish, and Old Lancaster Roads

IMPROVEMENT: Bicycle/Pedestrian Improvement

MUNICIPALITIES: Tredyffrin Township

PROJECT MANAGER: CONSTR

Act/ Let Date: 11/12/2009

Project will provide for construction of 1.64 miles of sidewalk, including associated traffic calming and stormwater management measures along Conestoga, Howellville, Irish, and Old Lancaster Roads. The project area includes Tredyffrin/Easttown (T/E) Middle School, Conestoga High School, and the Timothy School. Sidewalks will be installed along Old Lancaster/Conestoga Road from Daylesford Station to Margo Lane (Township Line); and on Howellville Road/Old Lancaster Road from approximately 200 ft. north of Old Lancaster Road to existing Amtrak bridge north of S.R. 0030; and along Old Lancaster Road from S.R. 1006 to S.R. 1007 Irish Road from T/E High School to Greene Road.

In addition to the installation of sidewalk, consistent pavement markings and concrete curb extensions will be added within the project limits to define the travel way for vehicles and encourage safe driving speeds. A minor curb realignment at the intersection of Martins Lane and Conestoga Road will be included in the project scope. The new curb line will be located closer to the roadway centerline, narrowing the roadway, and allowing the new curb and sidewalk to be located predominantly within the existing road. Stormwater Management measures proposed for the project include linear facilities that promote infiltration. These facilities have been designed not only to control all runoff generated by the installation of the sidewalk, but also to mitigate some existing stormwater problems within the project limits. The sidewalk width will vary from 3.5 feet to 5 feet depending on existing constraints.

TIP Program Years (\$ 000)

Phase	Fund	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022
CON	STP	262											
		262	0	0	0	0	0	0	0	0	0	0	0
		Total FY2011-2014		262		Total FY2015-2018		0		Total FY2019-2022		0	

MPMS# 87281

Grove Road Drainage Improvements

AQ Code S2

LIMITS North of Scott Drive to Bridge over Broad Run

IMPROVEMENT: Other

MUNICIPALITIES: West Whiteland Township

PROJECT MANAGER: Gannett/CS

Act/ Let Date: 3/29/2012

This project involves the relocation of the existing drainage system to a new system on the west side of Grove Road in West Whiteland Township. The project will extend from north of Scott Drive to the bridge over Broad Run, and will include the use of inlets and pipes to handle current runoff. The current drainage system is inadequate and adjacent residences frequently experience localized flooding during storm events.

TIP Program Years (\$ 000)

Phase	Fund	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022
FD	STP	170											
FD	581	42											
ROW	STP		44										
ROW	581		11										
UTL	STP		44										
CON	STP	399											
CON	TOLL												
CON	STP			1,202									
		611	99	1,202	0	0	0	0	0	0	0	0	0
		Total FY2011-2014		1,912		Total FY2015-2018		0		Total FY2019-2022		0	

Pennsylvania - Highway Program

Chester

MPMS# 87939 **Valley Forge Loop Trail - Missing Link (TCSP)**

AQ Code A2 **LIMITS** Over Valley Creek at Valley Forge Park

IMPROVEMENT: Bicycle/Pedestrian Improvement

Not SOV Capacity Adding **MUNICIPALITIES:** Tredyffrin Township

PROJECT MANAGER: AECOM/CC

No Let Date

This project will provide the "missing link" between the existing Valley Forge NHP trail system and the 120 miles of regional trails in Montgomery, Philadelphia, and Berks Counties north of the Schuylkill River, and the new regional Chester Valley Trail Project (MPMS#S: 14663 and 14675). This will enable visitors to travel to and through the park by bicycle and on foot rather than by vehicle. At the immediate site of the project, the missing link will give bicyclists and pedestrians an essential alternative to using a dangerous stretch of state highway. In the last 24 months, there have been 35 motor-vehicle accidents on this stretch—constituting a remarkable 15% of MV accidents in the park, although this section comprises only 2.3% of the 14 miles of road in the park.

\$166,725 FY2009 TCSP funds has been awarded to this project. The Transportation, Community, and System Preservation (TCSP) Program, an initiative of SAFETEA-LU which authorized the TCSP Program from FY2005 through FY2009, is a comprehensive initiative of research and grants to investigate the relationships between transportation, community, and system preservation plans and practices, and identify private sector-based initiatives to improve such relationships.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	
CON	TCS	167												
CON	LOCAL	42												
		209	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2011-2014			209	Total FY2015-2018				0	Total FY2019-2022			0

MPMS# 92319 **SR 422 Sinkhole Repairs**

AQ Code S10 **LIMITS** From First Avenue to the PA Turnpike

IMPROVEMENT: Roadway Rehabilitation

MUNICIPALITIES: Tredyffrin Township

PROJECT MANAGER:

Actl Let Date: 1/20/2011

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

		TIP Program Years (\$ 000)												
Phase	Fund	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	
CON	NHS	3,024												
CON	TOLL													
		3,024	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2011-2014			3,024	Total FY2015-2018				0	Total FY2019-2022			0

DVRPC FY 2011-2014 TIP for PA

Pennsylvania - Highway Program

Chester

MPMS# 92327 *Glen Crest Road Warning Devices*

AQ Code S1
LIMITS Glen Crest Road
IMPROVEMENT: Other

MUNICIPALITIES: Valley Township

PROJECT MANAGER:

No Let Date

Installation of Railroad warning devices and high-type surface.

This project is funded via the RR/HWY Grad Crossing Program (MPMS# 36927).

TIP Program Years (\$ 000)

Phase	Fund	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022
CON	RRX		380										
		0	380	0	0	0	0	0	0	0	0	0	0
Total FY2011-2014		380				Total FY2015-2018		0		Total FY2019-2022		0	

MPMS# 92328 *Scarlett Road Warning Device*

AQ Code S1
LIMITS Scarlett Road Warning Device
IMPROVEMENT: Other

MUNICIPALITIES: New Garden Township

PROJECT MANAGER:

No Let Date

Installation of Railroad Warning Devices and High Type Surface.

This project is funded via the RR/HWY Grade Crossing Program (MPMS# 36927).

TIP Program Years (\$ 000)

Phase	Fund	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022
CON	RRX		223										
CON	RRX		230										
		0	453	0	0	0	0	0	0	0	0	0	0
Total FY2011-2014		453				Total FY2015-2018		0		Total FY2019-2022		0	

MPMS# 92329 *Pennsylvania Avenue Warning Device SR:0041*

AQ Code S1
LIMITS Pennsylvania Avenue
IMPROVEMENT: Other

MUNICIPALITIES: New Garden Township

PROJECT MANAGER:

No Let Date

Installation of Railroad Warning Devices and High Type Surface.

This project is funded via the RR/HWY Grade Crossing Program (MPMS# 36927).

TIP Program Years (\$ 000)

Phase	Fund	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022
CON	RRX	308											
CON	RRX		12										
		308	12	0	0	0	0	0	0	0	0	0	0
Total FY2011-2014		320				Total FY2015-2018		0		Total FY2019-2022		0	

Pennsylvania - Highway Program

Chester

MPMS# 92405

State Route 29/Great Valley Multi-Modal Study (PCTI) - Round 2

AQ Code A2

LIMITS PA Route 29 from the PA Turnpike crossing over U.S. Route 202 to U.S. Route 30

IMPROVEMENT: Other

MUNICIPALITIES: East Whiteland Township

PROJECT MANAGER:

No Let Date

The TMA of Chester County (TMACC) is proposing to perform a planning study analyzing necessary infrastructure improvements to increase multi-modal access near and along the PA Route 29 corridor in the Great Valley section of Chester County, PA

		TIP Program Years (\$ 000)												
Phase	Fund	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	
STDY	STP	128												
		128	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2011-2014			128	Total FY2015-2018				0	Total FY2019-2022			0

MPMS# 92406

Battle Path Multi-Municipal Feasibility Study (PCTI) - Round 2

AQ Code X1

LIMITS RT.1 from Chadds Ford Township Building to Sandy Hollow Park

IMPROVEMENT: Bicycle/Pedestrian Improvement

MUNICIPALITIES: Pennsbury Township

PROJECT MANAGER:

No Let Date

Feasibility Study of non-motorized trail network associated in four municipalities in two counties. Roads within the Townships are generally narrow or heavily used and yet, are used by pedestrians visiting local destinations. The joint vision of the Townships is to establish a network of safe road crossings, sidewalks and trails to promote pedestrian safety and provide opportunities for non-motorized travel

		TIP Program Years (\$ 000)												
Phase	Fund	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	
STDY	STP	80												
		80	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2011-2014			80	Total FY2015-2018				0	Total FY2019-2022			0

MPMS# 92407

Central Chester County Bike & Ped Circulation Plan (PCTI) - Round 2

AQ Code X1

LIMITS

IMPROVEMENT: Bicycle/Pedestrian Improvement

MUNICIPALITIES: West Chester Borough; West Goshen Township; West Whiteland Township; Downingtown Borough;

PROJECT MANAGER:

No Let Date

Complete a bicycle and pedestrian circulation plan for 6 municipalities in central Chester County to promote walking and biking, improve safety, connect regional trails, and provide access to 3 Amtrak/SEPTA rail stations and 2 bus transportation centers

		TIP Program Years (\$ 000)												
Phase	Fund	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	
STDY	STP	85												
		85	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2011-2014			85	Total FY2015-2018				0	Total FY2019-2022			0

Pennsylvania - Highway Program

Chester

MPMS# 92418 *Phoenixville Streetscapes - Phase 1B (PCTI) - Round 2*

AQ Code X9

LIMITS

IMPROVEMENT: Streetscape

MUNICIPALITIES: Phoenixville Borough

PROJECT MANAGER:

Est Let Date: 8/23/2012

Provide for the completion of the Streetscapes Project in the 100-200 Block of Bridge Street as it intersects SR-29 and SR-113 in the core downtown area of the Borough.

		TIP Program Years (\$ 000)											
Phase	Fund	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022
CON	STP	598											
		598	0	0	0	0	0	0	0	0	0	0	0
		Total FY2011-2014			Total FY2015-2018				Total FY2019-2022				
		598			0				0				

MPMS# 92961

Charlestown Traffic Control (ARLE 1)

AQ Code

LIMITS Conestoga Road and Newcomen Road

IMPROVEMENT: Signal/ITS Improvements

MUNICIPALITIES: Charlestown Township

PROJECT MANAGER:

No Let Date

This project was selected as part of PennDOT's Automated Red-Light Enforcement (ARLE) Round 1 program. 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 1 of ARLE awarded \$8,545,000 to the City of Philadelphia and \$3,431,000 to other municipalities in the DVRPC region. Funding for the Automated Red Light Enforcement (ARLE) program is provided by targeting 19 intersections within the city of Philadelphia with the implementation of an automated system that records violations by drivers who run red lights in the city and are fined for their violation. The automated red-light system generates revenue from the fines received from violators.

This project will improve intersection safety by installing a battery backup to the traffic signal controller at Conestoga Road and Newcomen Road.

		TIP Program Years (\$ 000)											
Phase	Fund	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022
CON	244	10											
		10	0	0	0	0	0	0	0	0	0	0	0
		Total FY2011-2014			Total FY2015-2018				Total FY2019-2022				
		10			0				0				

Pennsylvania - Highway Program

Chester

MPMS# 92962

East Brandywine Traffic Control (ARLE 1)

AQ Code

LIMITS Route 322 (Horseshoe Pike)

IMPROVEMENT: Signal/ITS Improvements

MUNICIPALITIES: East Brandywine Township

PROJECT MANAGER:

No Let Date

This project was selected as part of PennDOT's Automated Red-Light Enforcement (ARLE) Round 1 program. 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 1 of ARLE awarded \$8,545,000 to the City of Philadelphia and \$3,431,000 to other municipalities in the DVRPC region. Funding for the Automated Red Light Enforcement (ARLE) program is provided by targeting 19 intersections within the city of Philadelphia with the implementation of an automated system that records violations by drivers who run red lights in the city and are fined for their violation. The automated red-light system generates revenue from the fines received from violators.

This project will upgrade existing traffic signals to LED signals and install battery backup and emergency preemption to signals that do not have this important safety feature.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	
CON	244	30												
		30	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2011-2014			30	Total FY2015-2018				0	Total FY2019-2022			0

MPMS# 92963

East Whiteland Traffic Control (ARLE 1)

AQ Code

LIMITS SR 0352 (Sproul Road) and SR 0030 (Lancaster Avenue)

IMPROVEMENT: Signal/ITS Improvements

MUNICIPALITIES: East Whiteland Township

PROJECT MANAGER:

No Let Date

This project was selected as part of PennDOT's Automated Red-Light Enforcement (ARLE) Round 1 program. 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 1 of ARLE awarded \$8,545,000 to the City of Philadelphia and \$3,431,000 to other municipalities in the DVRPC region. Funding for the Automated Red Light Enforcement (ARLE) program is provided by targeting 19 intersections within the city of Philadelphia with the implementation of an automated system that records violations by drivers who run red lights in the city and are fined for their violation. The automated red-light system generates revenue from the fines received from violators.

This project will add a northbound right turn overlap phase with five-section signal head at SR 0352 (Sproul Road) and SR 0030 (Lancaster Avenue).

		TIP Program Years (\$ 000)												
Phase	Fund	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	
CON	244	183												
		183	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2011-2014			183	Total FY2015-2018				0	Total FY2019-2022			0

Pennsylvania - Highway Program

Chester

MPMS# 92964

Upper Uwchlan Signal (ARLE 1)

AQ Code

LIMITS Pottstown Pike (SR 0100): Segment 0320 to Segment 0330

IMPROVEMENT: Transit Improvements

MUNICIPALITIES: Upper Uwchlan Township

PROJECT MANAGER:

No Let Date

This project was selected as part of PennDOT's Automated Red-Light Enforcement (ARLE) Round 1 program. 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 1 of ARLE awarded \$8,545,000 to the City of Philadelphia and \$3,431,000 to other municipalities in the DVRPC region. Funding for the Automated Red Light Enforcement (ARLE) program is provided by targeting 19 intersections within the city of Philadelphia with the implementation of an automated system that records violations by drivers who run red lights in the city and are fined for their violation. The automated red-light system generates revenue from the fines received from violators.

This project will provide safety and mobility improvements at two closely spaced signalized intersections along PA Route 100. These improvements include construction of a southbound PA Route 100 left-turn lane, as well as optimization of the traffic signal timings, phasing, and coordination at two signalized intersections located at East Township Line Road and Pennsylvania Drive. With construction of a left-turn lane, it will be possible to eliminate the pre-timed, advance left-turn phase on southbound Route 100 at the intersection with East Township Line Road, and possible to re-time these traffic signals for improved coordination and operations along PA Route 100.

		TIP Program Years (\$ 000)												
Phase	Fund	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	
CON	244	615												
		615	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2011-2014			615	Total FY2015-2018				0	Total FY2019-2022			0

MPMS# 92965

West Fallowfield Traffic Signal (ARLE 1)

AQ Code

LIMITS Newport Pike (SR 041) and Limestone Road (SR 010) and Newport Pike (SR 041) and Highland Road

IMPROVEMENT: Signal/ITS Improvements

MUNICIPALITIES: West Fallowfield Township

PROJECT MANAGER:

No Let Date

This project was selected as part of PennDOT's Automated Red-Light Enforcement (ARLE) Round 1 program. 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 1 of ARLE awarded \$8,545,000 to the City of Philadelphia and \$3,431,000 to other municipalities in the DVRPC region. Funding for the Automated Red Light Enforcement (ARLE) program is provided by targeting 19 intersections within the city of Philadelphia with the implementation of an automated system that records violations by drivers who run red lights in the city and are fined for their violation. The automated red-light system generates revenue from the fines received from violators.

This project will provide for the installation of LED Traffic Signal Modules at two intersections, install video detection equipment to replace the vehicle loops for both approaches of Limestone Road (Route 10), replace the traffic signal pole on the northeast corner of Limestone Road (Route 10) and reinstall the existing traffic signals, signs and controller cabinet, and install left turning signals on northbound and southbound approaches of Limestone Road (Route 10).

		TIP Program Years (\$ 000)												
Phase	Fund	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	
CON	244	41												
		41	0	0	0	0	0	0	0	0	0	0	0	
		Total FY2011-2014			41	Total FY2015-2018				0	Total FY2019-2022			0

DVRPC FY 2011-2014 TIP for PA

Pennsylvania - Highway Program

Chester

MPMS# 94510 *Norway Road Railroad Grade Crossing*

AQ Code S1

LIMITS

IMPROVEMENT: Other

MUNICIPALITIES: Kennett Township

PROJECT MANAGER:

No Let Date

Norway Road Railroad Grade Crossing
Kennett Township, Chester County
Railroad Grade Crossing

TIP Program Years (\$ 000)

Phase	Fund	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022
CON	RRX		30										
CON	RRX			245									
		0	30	245	0	0	0	0	0	0	0	0	0
Total FY2011-2014		275				Total FY2015-2018				0			
						Total FY2019-2022				0			

MPMS# 94511 *Oakland Avenue Railroad Grade Crossing*

AQ Code S1

LIMITS Evergreen Avenue and Rose Hill Road

IMPROVEMENT: Other

MUNICIPALITIES: West Grove Borough

PROJECT MANAGER:

No Let Date

Installation of Railroad Warning Devices and High Type Surface Between Evergreen Avenue and Rose Hill Road in West Grove Borough, Chester County

TIP Program Years (\$ 000)

Phase	Fund	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022
CON	RRX		30										
CON	RRX			195									
		0	30	195	0	0	0	0	0	0	0	0	0
Total FY2011-2014		225				Total FY2015-2018				0			
						Total FY2019-2022				0			

MPMS# 94512 *Penn Green Road Railroad Crossing*

AQ Code S1

LIMITS

IMPROVEMENT: Other

MUNICIPALITIES: New Garden Township

PROJECT MANAGER:

No Let Date

Installation of Railroad Warning Devices and High Type Surface

TIP Program Years (\$ 000)

Phase	Fund	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022
CON	RRX			272									
		0	0	272	0	0	0	0	0	0	0	0	0
Total FY2011-2014		272				Total FY2015-2018				0			
						Total FY2019-2022				0			

DVRPC FY 2011-2014 TIP for PA

Pennsylvania - Highway Program

Chester

MPMS# 94983

First Avenue Grade Crossing

AQ Code S1

LIMITS Modena Road and Lower Gap Road

IMPROVEMENT: Other

MUNICIPALITIES: South Coatesville Borough

PROJECT MANAGER:

No Let Date

Installation of RR Gates

		TIP Program Years (\$ 000)													
Phase	Fund	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022		
CON	RRX			65											
		0	0	65	0	0	0	0	0	0	0	0	0		
		Total FY2011-2014			65	Total FY2015-2018				0	Total FY2019-2022				0

MPMS# 95403

Caln Township Safety Improvements (ARLE 2)

AQ Code 2013M

LIMITS 30 BUS / US 322

IMPROVEMENT: Signal/ITS Improvements

MUNICIPALITIES: Caln Township

PROJECT MANAGER:

No Let Date

The DVRPC Region was awarded a total of \$1,851,030 to advance the following projects which will each have individual MPMS numbers:

- 1.) Low Cost Safety Improvements at High Crash and High Traffic Locations (MPMS# 93155) - \$1,500,000
Funding will be used for safety improvements at high crash intersections.
- 2.) Install Traffic Adaptive Signal Control on Rt. 1 (MPMS# 95404), Delaware County - \$205,000
Funding will be used to install adaptive signal control at five intersections along Baltimore Pike.
- 3.) Business Route 30/US322 Congestion/Incident Management, (MPMS# 95403), Chester County - \$146,030
Funding will be used for installation of closed circuit cameras and to upgrade two signalized intersections to allow for connection to the existing Closed Loop Traffic Signal System to assist in congestion management.

		TIP Program Years (\$ 000)													
Phase	Fund	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022		
CON	244		146												
		0	146	0	0	0	0	0	0	0	0	0	0		
		Total FY2011-2014			146	Total FY2015-2018				0	Total FY2019-2022				0

DVRPC FY 2011-2014 TIP for PA

Final Version

Pennsylvania - Highway Program

Chester

MPMS# 95531 **1st Ave Grade Crossing Modena-Lower Gap Road**

AQ Code S1 **LIMITS** Modena to Lower Gap Road

IMPROVEMENT: Other

MUNICIPALITIES: South Coatesville Borough

PROJECT MANAGER:

No Let Date

Installation of RR Warning Device at First Avenue Grade Crossing between Modena to Lower Gap Road in South Coatsville Boro, Chester County.

TIP Program Years (\$ 000)

Phase	Fund	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022
CON	RRX		43										
CON	RRX			22									
		0	43	22	0	0	0	0	0	0	0	0	0
Total FY2011-2014		65				Total FY2015-2018				0			
						Total FY2019-2022				0			

Total For	2011	2012	2013	2014	2011-2014	2015-2018	2019-2022
Chester	\$134,771	\$69,649	\$108,697	\$131,126	\$444,243	\$44,524	\$527,083