# DVRPC FY2017 TIP







The Delaware Valley Regional Planning Commission is dedicated to uniting the region's elected officials, planning professionals and the public with a common vision of making a great region even greater. Shaping the way we live, work and play, DVRPC builds consensus on improving transportation, promoting smart growth, protecting the environment and enhancing the economy.

We serve a diverse region of nine counties: Bucks, Chester, Delaware, Montgomery and Philadelphia in Pennsylvania; and Burlington, Camden, Gloucester and Mercer in New Jersey. DVRPC is the federally designated Metropolitan Planning Organization for the Greater Philadelphia Region - leading the way to a better future.



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# HIGHLIGHTS FOR THE DELAWARE VALLEY REGIONAL PLANNING COMMISSION FY2017 TIP FOR PENNSYLVANIA

The Delaware Valley Regional Planning Commission (DVRPC) Fiscal Year (FY) 2017 Transportation Improvement Program (TIP) for Pennsylvania, which covers the counties of Bucks, Chester, Delaware, Montgomery, and Philadelphia in Pennsylvania, is available for the public. DVRPC prepares a major update to the Pennsylvania TIP every other year to coincide with the update of Pennsylvania Department of Transportation's fiscally constrained statewide Twelve-Year Program.

DVRPC's mission is to proactively shape a comprehensive vision for the region's future growth. The agency does so by: providing technical assistance and services; conducting high priority studies that respond to the requests and demands of member states and local governments; fostering cooperation among various constituencies to forge a consensus on diverse regional issues; determining and meeting the needs of the private sector; and continuing public outreach efforts that promote two-way communication and enhance public awareness of regional issues and DVRPC.

# WHAT IS THE TIP?

By way of congressional mandate, federal transportation legislation requires that DVRPC, as the Metropolitan Planning Organization (MPO) for the region, develop and update a Transportation Improvement Program or TIP in order for the region to be eligible to receive and spend federal transportation funds.

The TIP lists all transportation projects that intend to use federal funds, as well as state-funded capital projects that are transportation improvement priorities for this region. It is a multimodal, four year program that shows estimated costs and schedules by project phase. Most importantly, the TIP is financially constrained to the amount of funds that are expected to be available. In order to add projects to the TIP, others must be deferred, or additional funding to the region must be identified. As a result, the TIP is not a "wish list;" competition between projects for a spot on the TIP clearly exists. The TIP not only lists specific projects, but also documents the anticipated schedule and cost for each project phase (preliminary engineering, final design, right-of-way acquisition, utility, and construction). Although it is not a final schedule of project implementation, inclusion of a project phase in the TIP means that it is seriously expected to be implemented during the TIP time period.

The production of the TIP is the culmination of the transportation planning process and represents a consensus among state and regional officials as to what near term improvements to pursue. Consensus is crucial because the federal and state governments want assurances that

all interested parties have participated in developing the priorities before committing significant sums of money. A project's inclusion in the TIP signifies regional agreement on the priority of the project and establishes eligibility for federal funding.

The TIP is a requirement of federal transportation legislation, most recently, the Fixing America's Surface Transportation Act (FAST Act), or Public Law (P.L.) 114-94. The FAST Act was signed into law on December 4, 2015 and will expire on September 30, 2020. The FAST Act is the first federal law in over ten years to provide long-term certainty for surface transportation funding, after multiple extensions of the Moving Ahead for Progress in the 21st Century Act (MAP-21) which began on October 1, 2012 and originally was set to expire on September 31, 2014. The FAST Act built on the initiatives established in MAP-21, the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU), the Transportation Equity Act for the 21st Century (TEA-21), and the Intermodal Surface Transportation Efficiency Act of 1991 (ISTEA). Transportation investment has been prescribed in a balanced approach through a guaranteed commitment to highways and bridges, public transit, safety, intermodal projects, and advanced technologies, such as Intelligent Transportation Systems.

# **PROGRAM SUMMARIES**

The DVRPC FY2017 TIP for Pennsylvania contains almost 450 projects (including the Interstate Management Program), totaling over \$5.3 billion for the phases to be advanced during the next four years, an average of over \$1.32 billion per year. Programmed funds include \$2 billion for projects primarily addressing the non-interstate highway system, and \$578 million for projects addressing the Interstate Management Program, resulting in an overall four-year total for the Highway Program of over \$2.5 billion. Additionally, there is a \$2.8 billion Transit Program for the Southeastern Pennsylvania Transportation Authority (SEPTA), Pottstown Area Rapid Transit (PART), and the Pennsylvania Department of Transportation (PennDOT) Bureau of Public Transit. Table 1 presents a funding summary for the DVRPC region by county and transit operator for each of the four TIP years in Pennsylvania, which includes federal, state, local and the Pennsylvania Statewide Interstate Management Program (IMP) funding for the DVRPC region. Tables 2 and 3 provide a breakdown of various state and federal funding sources and their distributions, including local matches.

	FY2017	FY2018	FY2019	FY2020	4-YEAR TOTAL (FY17-20)
HIGHWAY PROGRAM					
Bucks County	135,940	74,276	61,217	59,555	330,988
Chester County	35,745	52,491	37,567	86,335	212,138
Delaware County	84,534	69,858	42,932	85,954	283,278
Montgomery County	113,700	86,849	99,393	80,002	379,944
Philadelphia County	120,172	131,893	135,473	78,239	465,777
Various Counties	83,282	88,454	75,710	82,720	330,166
Regional Highway Program Subtotal Cost	573,373	503,821	452,292	472,805	2,002,291
Interstate – Montgomery County	5,504	9,496	163	4,190	19,353
Interstate – Philadelphia County	144,344	160,636	99,818	153,838	558,636
Interstate Program Subtotal Cost	149,848	170,132	99,981	158,028	577,989
Regional Highway and Interstate Program Total Cost	723,221	673,953	552,273	630,833	2,580,280
TRANSIT PROGRAM					
SEPTA	600,571	758,008	712,496	667,065	2,738,140
Pottstown Area Rapid Transit	2,240	3,635	2,235	2,235	10,345
PennDOT Bureau of Public Transit	2,750	1,500	55,000	0	59,250
Transit Program Subtotal Cost	605,561	763,143	769,731	669,300	2,807,735
Grand Total Cost – 4-YEAR TIP	1,328,782	1,437,096	1,322,004	1,300,133	5,388,015

 Table 1: Cost Summary by County and Transit Operator in Pennsylvania (\$000):

SOURCE: DVRPC, 2016

FUND TYPE	FY2017	FY2018	FY2019	FY2020	4-YEAR TOTAL (FY17—20)	LFY 2021-2024	LFY 2025-2028	TOTAL LFYS 2021-2028
DVRPC REGIONAL HIGHWAY PROGRAM								
Bridge State	38,462	37,967	35,163	32,148	143,740	129,135	128,575	257,710
ARLE	6,842	0	0	0	6,842	0	0	0
MTF	147	0	147	0	294	0	0	0
Highway State	76,501	81,138	74,487	67,590	299,716	270,354	270,343	540,697
A-073 (GLG)	3,013	2,411	1,765	0	7,189	0	0	0
Bridge Off	12,244	12,244	12,244	12,244	48,976	48,976	48,976	97,952
CAQ	30,020	30,754	31,475	32,289	124,538	129,156	129,156	258,312
TIIF	3,400	4,000	0	0	7,400	0	0	0
FLEX	17,083	17,083	17,083	17,083	68,332	68,332	68,332	136,664
HCB	0	64	1,288	0	1,352	0	0	0
HSIP	12,754	13,208	13,653	14,159	53,774	56,636	56,636	113,272
LOC	21,917	20,314	16,879	10,424	69,534	31,252	348	31,600
NHPP	125,595	129,752	134,346	139,081	528,774	556,324	556,324	1,112,648
Other	961	475	0	0	1,436	0	0	0
RRX	774	673	427	536	2,410	315	0	315
sHSIP	10,499	6,284	0	0	16,783	0	0	0
SPK-NHPP	0	0	0	21,000	21,000	159,000	0	159,000
SRTSF	1,187	1,000	0	0	2,187	0	0	0
STP	26,964	27,400	27,743	28,248	110,355	112,992	112,992	225,984
STU	67,597	70,380	73,071	76,160	287,208	304,640	304,640	609,280
SXF	14,389	2,569	8,589	17,911	43,458	0	0	0
ТАР	6,471	0	0	0	6,471	0	0	0
TAU	3,857	3,932	3,932	3,932	15,653	15,728	15,728	31,456
TIGER	0	10,265	0	0	10,265	0	0	0
Toll	0	0	0	0	0	0	0	0
ТРК	92,696	31,908	0	0	124,604	0	0	0
Highway Subtotal	573,373	503,821	452,292	472,805	2,002,291	1,882,840	1,692,050	3,574,890
INTERSTATE MANA	GEMENT PR	OGRAM IN	DVRPC REG	ION				
B-State-IM	6,182	5,951	3,082	6,446	21,661	15,265	5,374	20,639
H-State-IM	21,705	24,674	26,768	12,744	85,891	52,730	23,614	76,344
NHPP-IM	117,461	131,007	70,131	138,838	457,437	628,251	672,775	1,301,026
SPK-NHPP	4,500	8,500	0	0	13,000	100,800	0	100,800
IMP Subtotal	149,848	170,132	99,981	158,028	577,989	797,046	701,763	1,498,809
Highway Grand Total	723,221	673,953	552,273	630,833	2,580,280	2,679,886	2,393,813	5,073,699

Table 2: Cost by TIP and Interstate Funding Category (\$000)<sup>1</sup>

SOURCE: DVRPC, 2016

<sup>1</sup>The TIP fund categories are explained in Chapter 5: Codes and Abbreviations Overview, beginning on page 37 of the DVRPC FY2017 TIP for PA. The funds that are highlighted in green are state transportation funds; the funds highlighted in blue are FHWA funds; the funds highlighted in purple are local/other funds. See pie chart titled Figure 2: Cost Summary by Funding Source in Pennsylvania (\$000)on page 6.

FUND TYPE	FY2017	FY2018	FY2019	FY2020	4-YEAR TOTAL (FY17-20)	LFY 2021-2024	LFY 2025-2028	TOTAL LFYS 2021-2028	
SEPTA - TRANSI	SEPTA - TRANSIT PROGRAM								
1514	293,944	322,411	322,450	329,854	1,268,659	1,356,769	1,383,247	2,740,016	
5307	102,327	104,483	106,711	108,986	422,507	435,944	435,944	871,888	
5324	19,702	0	0	0	19,702	0	0	0	
5337	117,903	119,938	122,001	124,099	483,941	496,396	496,396	992,792	
5339	7,259	7,451	7,649	7,852	30,211	31,408	31,408	62,816	
LOC	26,550	20,926	20,925	20,918	89,319	83,633	83,602	167,235	
Other	0	150,000	100,000	50,000	300,000	0	0	0	
PTAF 44	32,886	32,799	32,760	25,356	123,801	64,071	37,591	101,662	
SEPTA Subtotal	600,571	758,008	712,496	667,065	2,738,140	2,468,221	2,468,188	4,936,409	
PART- TRANSIT	PROGRAM								
1513	1,100	1,150	1,150	1,150	4,550	1,150	0	1,150	
1517	100	50	50	50	250	50	0	50	
5307	800	2,350	950	950	5,050	970	0	970	
LOC	90	85	85	85	345	85	0	85	
PTAF 44	150	0	0	0	150	0	0	0	
PART Subtotal	2,240	3,635	2,235	2,235	10,345	2,255	0	2,255	
PENNDOT- TRAN	SIT PROGR	AM							
341	550	300	11,000	0	11,850	0	0	0	
5307	2,200	1,200	18,000	0	21,400	0	0	0	
5337	0	0	26,000	0	26,000	0	0	0	
PennDOT Subtotal	2,750	1,500	55,000	0	59,250	0	0	0	
Transit Grand Total	605,561	763,143	769,731	669,300	2,807,735	2,470,476	2,468,188	4,938,664	
SOURCE: DV	RPC. 2016								

Table 3: Cost by Transit TIP Funding Category (\$000)<sup>2</sup>

SOURCE: DVRPC, 2016

**Table 4: Grand Total Cost 4-Year Highway and Transit Program** 

PROGRAM	FY2017	FY2018	FY2019	FY2020	4-YEAR TOTAL (FY17—20)	LFY 2021-2024	LFY 2025-2028	TOTAL LFYS 2021-2028
GRAND TOTAL	$L COST - 4$ $\Lambda$	EAR HIGHW	AY AND TRA	NSIT PROGR	AM			
Highway	723,221	673,953	552,273	630,833	2,580,280	2,679,886	2,393,813	5,073,699
Transit	605,561	763,143	769,731	669,300	2,807,735	2,470,476	2,468,188	4,938,664
DVRPC Total	1,328,782	1,437,096	1,322,004	1,300,133	5,388,015	5,150,362	4,862,001	10,012,363
SOURCE	: DVRPC. 2016							

SOURCE: DVRPC, 2016

<sup>2</sup> The TIP fund categories are explained in Chapter 5: Codes and Abbreviations Overview, beginning on page 37 of the DVRPC FY2017 TIP for PA. The funds that are highlighted in green are state transportation funds; the funds highlighted in blue are FHWA funds; the funds highlighted in purple are local/other funds. See pie chart titled Figure 2: Cost Summary by Funding Source in Pennsylvania (\$000) on page 6.

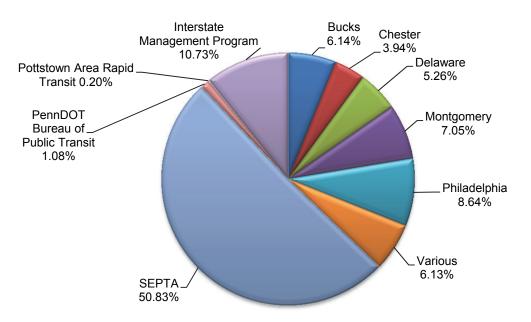
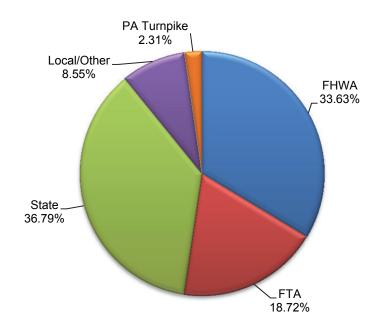


Figure 1: Cost Summary by County and Transit Operator in Pennsylvania (\$000)

Figure 2: Cost Summary by Funding Source in Pennsylvania (\$000)



SOURCE: DVRPC, 2016

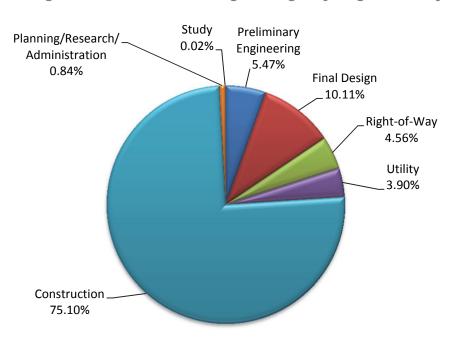
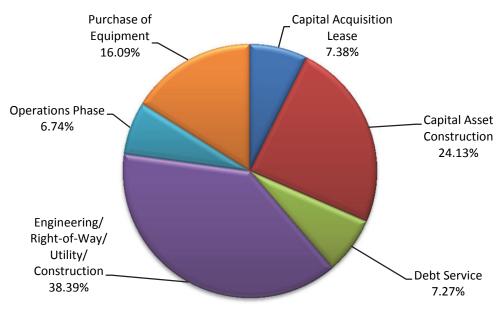


Figure 3: Four-Year DVRPC Regional Highway Program Cost by Phase

Figure 4: Four-Year DVRPC Regional Transit Program Cost by Phase



SOURCE: DVRPC, 2016

# MAPPING APPLICATION AND LISTINGS OVERVIEW

# MAPPING APPLICATION AND GEOGRAPHIC INFORMATION SYSTEMS

For the first time, the TIP will not contain printed static maps in the document. Due to the everchanging nature of the TIP, the maps are out-of-date by the time the TIP is printed and distributed. For this reason, DVRPC suggests using the TIP Web Search Tool, <u>www.dvrpc.org/TIP</u>, as the primary mapping function to show the location of mappable projects for the highway, transit, and Interstate projects.

Different types of projects, such as intersection improvements, bridge replacements, or transit facilities, are shown using various colors and symbols in the TIP Web Search Tool. Certain types of projects, such as roadway landscaping, lease payments for the use of railroad tracks, or preliminary studies, are not mapped. These projects are listed in a drop-down list under the heading "TIP Projects Not Mapped."

The TIP Web Search Tool has been enhanced to include more robust data sets. Overlays of Planning Centers, Freight Centers, CMP Corridors, Indicators of Potential Disadvantage (IPD), as well as a "search by address or location" function have been added. To go along with the more robust TIP Web Search Tool, DVRPC has made TIP Geographic Information System (GIS) data available as well. GIS is an important planning tool that supports state, regional, county, and local planning and technical efforts. Nearly all planning activities incorporate GIS technology, whether it is for data collection and storage, or analysis and presentation. GIS allows planners to view and query spatial data, perform advanced analysis to discover relationships, patterns, and trends, and effectively present information to decision-makers and the public.

Downloadable GIS point, line and polygon location features for TIP projects in the current adopted Pennsylvania and New Jersey TIPs, as well as formal TIP Actions that the DVRPC RTC and Board approve are available via the Transportation section of DVRPC's GIS Data webpage, <u>www.dvrpc.org/Mapping/Data</u>. This webpage also contains links to DVRPC's *GIS Portal*, interactive maps, a map gallery, in addition to other data resources. The *GIS Portal* contains boundaries, demographic, planning, and transportation data which is helpful for obtaining data that provides context for the Transportation Improvement Program.

# DVRPC REGIONAL HIGHWAY AND TRANSIT PROGRAMS

This document includes various project listings. The project listings include the Pennsylvania Highway, Transit, and Interstate Management Programs.

The project listings are grouped by county and transit operator. Tables 5 through 12 include highway projects for Bucks, Chester, Delaware, and Montgomery counties; the City of Philadelphia; and a listing of projects that apply to more than one county. Table 13 includes transit projects for PennDOT's BPT, SEPTA, and PART. Finally, Table 14 includes the Interstate Management Program (IMP). Within

each county grouping, individual highway and transit projects are listed numerically by DOT ID number (MPMS).

**Projects bolded** are "**NEW**" to the TIP. **Projects bolded with an asterisk (\*)** are "**NEW-B**" projects that have been "broken out of," or derived from, an existing TIP project. *Projects bolded and italicized* are projects indicated as "*RETURN*," which were previously programmed in a prior TIP, but through a variety of circumstances have returned to the FY2017 TIP. For full project descriptions, please see the Draft DVRPC FY2017 TIP for Pennsylvania at <u>www.dvrpc.org/TIP/Draft/</u>.

#### **Table 5: Bucks County Project List**

MPMS #	PROJECT TITLE	MPMS #	PROJECT TITLE
HIGHWAY	PROGRAM – BUCKS COUNTY		
12923	Bristol Road Extension	86860	PA 611 Bridge Over Cooks Creek
12931 12965	Worthington Mill Rd Br (Bridge) Lawn Avenue	86923 88083	PA 309, Sellersville Bypass, Resurfacing (PM1) Stoopville Road Improvements - Phase 2
13014	Clay Ridge Road Bridge Over Beaver Creek (CB #30)	90327	River Rd o/ Trib Delaware (Bridge)
13240	Old Bethlehem Road Bridge Over Kimples Creek	92741	Main St o/Br Perkiomen Cr (Bridge)
13248	Walnut Street Bridge Over Perkiomen Creek (CB #13)	93444	Route 1 Improvement-South (Section RC1)
13249	Stone Bridge Road (Bridge)	93445	Route 1 Improvement-North (Section RC2)
13296	Rickert Road Bridge Over Morris Run Creek (CB #21)	93446	Route 1 Improvement Frontage Corridor (Section RC3)
13347	I-95, PA Turnpike Interchange (TPK) - STAGE 1 and Stage 2 (Design Only -PTC portion)	95439	I-95, PA Turnpike Interchange (TPK)- Section D10
13377	Main St over SEPTA (Bridge)	95444	I-95, PA Turnpike Interchange (TPK)- Section D20
13440	Allentown Road and PA 663 Bridges (2) Over Licking Creek	96221	Multi-Modal Enhancements to New Britain Station
13549	US 1 (Bridges) Design (Section 03S)	97991	Doylestown Township Signals Upgrade (ARLE 3)
13606	Hulmeville Avenue Bridge Over Conrail	98221	Stock's Grove Road over Beaver Creek (CB# 333)
13607	Upper Ridge Road Bridge Over Unami Creek	102272	Holland Road at Buck Road and Route 532
13635	Oxford Valley Road/Lincoln Highway Intersection Improvements	102830	Neshaminy Greenway Trail (Bristol to Upper State) (TAU)
13716	Headquarters Road Bridge Over Tinicum Creek	102831	Solebury Route 202 Gateway Trail (TAP)
13727	Bristol Road Intersection Improvements	104298	Lower State Road to 202 Parkway Connector Trail
17918	I-95, Transit Improvements/FLEX (Cornwells Heights)	104302	Route 13 Streetscape - Croydon Section Phase 2
49315	Portzer Road Roundabout	104365	New Falls Road
50634	County Line Road Restoration (M04)(3R)	105641	Bristol-Oxford valley Road, Bath Road and Lakeland
57619	Route 313 Corridor Improvements	105642	Oxford Valley Road/Levittown Parkway and New Falls
57624	Woodbourne Road (SR 2033) and Langhorne-Yardley Road (SR 2049) Improvements	105643	Mill Creek Parkway and Levittown Parkway
57625	Route 232, Swamp Road Safety Improvements	105645	Lincoln Highway Traffic Adaptive System
57635	Quakertown Joint Closed Loop Signal System	105646	Holland Road and Middle Holland Road/Upper Holland
64779	County Line Road Widening	105647	Traffic Signal Management and Maintenance (Penndel Borough)
64781	Swamp Road/Pennswood Road Bridge Over Branch of Neshaminy Creek	105648	Route 309 Signal Retiming
70218	Delaware Canal Pedestrian Tunnel	106989	SR001 at SR0032 Interchange
74827	Delaware Canal Enhancement	107458	Perkasie Borough – 2015 ARLE (ARLE 6)
78516	Bridge Replacement Brownsville Road		

#### **Table 6: Chester County Project List**

MPMS #	PROJECT TITLE	MPMS #	PROJECT TITLE
HIGHWAY	PROGRAM - CHESTER COUNTY		
14134	West Bridge Street Bridge Over Amtrak	98004	East Whiteland Township Signal Backup (ARLE 3)
14236	Little Washington Road Bridge Over Culbertson Run	98096	PA 41 & Newark Rd Improvements
14327	PA 926 Bridge Over Brandywine Creek	98223	Creek Road over Pickering Creek
14351	Rudolph and Arthur Covered Bridge On Camp Bonsul Road over Big Elk Creek	98224	Spring City Road over Stony Run
14354	Chestnut Street Bridge Over Amtrak/SEPTA R5 Rail Line	102292	SR 0100/Temple Road/Glocker Way Adaptive Traffic Control Management (ARLE 4)
14541	US 1, Baltimore Pike Widening	102708	PA 41 at PA 841 Improvements
14580	US 1 Expressway Reconstruction (Southern Section)	102709*	PA 41 & SR 926 Improvements
14581	US 1 Expressway Reconstruction (Northern Section)	102832	Kennett and New Garden Townships Sidewalk Project (TAP)
14698	US 422, Reconstruction (M2B)	102833	Village of Eagle Trail Connections (TAP)
47979	Paoli Trans Ctr Rds Improvements/Darby Rd Bridge	103210	Hillendale Road Grade Crossing
57659	French Creek Parkway - Phase 1	103212	Fairville Road Grade Crossing
57664	Newark Road Intersection Improvements	103213	Bayard Road Grade Crossing
59434	Schuylkill River Trail (Q20)	103214	Hickory Hill Grade Crossing
61885	Schuylkill River Trail (Mont Clare Bridge)(Q42)	103215	Chambers Road Grade Crossing
64220	US 422 Expressway Reconstruction (M03)	104303	East Central Avenue Multi-Use Trail
69919	PA 372, Lower Valley Road Bridge Over Officers Run	105649	West Chester Pike Signal Project
80042	PA 100, Corridor Safety Improvements	105650	Route 113 Corridor Traffic Signal Upgrades
81286	Creek Rd o/ E Brandywine (PA 282) (Bridge)	105651	Schuylkill Road and New Street (East Vincent Twp)
84884	US 30, Coatesville Downingtown Bypass (CWR- Western Section)	105652	Traffic Signal Upgrades (Kennett Township)
85949	SR 896 Safety Improvement	105653	Uwchlan Township Video Detection Equipment
86064	Hadfield Road Bridge Over Beaver Creek (CB #244)	105654	Business Route 30 Generator Hook Up
86696	Watermark Road Bridge Over Muddy Run (CB #21)	105655	West Whiteland Township Traffic Signal Maintenance
87781	US 30, Coatesville Downingtown Bypass (CER-Eastern Section)	105755*	PA 41/Chatham Village Gateway
90612	Boot Road o/ Amtrak (Bridge)	106265*	US30 ITS
92146	State Road o/ Elk Creek	107176	Paoli Pike Trail, Segment C (TAP)
92733	Downingtown Pk over/E Branch Brandywine (Bridge)	107459	Schuylkill Township – 2015 ARLE (ARLE 6)
95430	US 202 at SR 926 Intersection Improvement	107460	Willistown Township – 2015 ARLE (ARLE 6)

#### **Table 7: Delaware County Project List**

MPMS #	PROJECT TITLE	MPMS #	PROJECT TITLE
HIGHWAY	PROGRAM - DELAWARE COUNTY		
14891	Darby Road/Paoli Road Bridges (2) Over Little Darby Creek and Wigwam Run	95429	US 202 and US 1 Loop Road
15008	Folcroft Avenue Bridge Over Amtrak/SEPTA Wilmington/Newark Rail Line	98216	Michigan Ave over Little Crum Creek (CB# 210)
15183	Station Road Bridge Over Chester Creek (CB #234)	98217	Hilldale Road over Darby Creek (CB# 149)
15225	Ardmore Avenue Bridge Over SEPTA and Cobbs Creek	98218	South Avenue over Muckinipattis Creek (Mulford Bridge) (CB# 142)
15251	US 1 and PA 352 Interchange, Intersection, and Roadway Improvements	102834	Pedestrian and Bicycle Accessibility Enhancements (TAP)
15306	Sellers Avenue Bridge Over Amtrak and SEPTA Wilmington Newark Rail Line	102835	Hillside Road Pedestrian Safety Improvements (TAP)
15368	MANOA RD:BRG OVER CK (Bridge)	103216	Jansen Avenue Grade Crossing
15406	PA 452, Market Street Bridge Over Amtrak/SEPTA Wilmington Newark Rail Line	103217	Main Street Grade Crossing
47147	3rd Street Dam Over Broomall Lake	104308	Walkable Wallingford - Copples Lane Sidewalk
47992	New Road Over West Branch of Chester Creek (Crozierville Bridge)	104343*	US 322 over CSX
47993	7th Street Bridge Over Chester Creek (CB#186)	104465	Langford Run Road (PA3/I-476/Lawrence Rd)
57757	Morton Avenue / Swarthmore Avenue Intersection Improvements and Morton Avenue Sidewalk	104610	Erickson Avenue Grade Crossing
57773	Lloyd Street Bridge Over Amtrak/SEPTA Wilmington Newark Rail Line (CB)	105074	Chester Safety Cameras
64790	MacDade Boulevard Closed Loop Signal System	105656	Traffic Signal Pedestrian Accomodations (Aston Twp)
64791	PA 420, Kedron Avenue	105657	Brookhaven Borough Traffic Improvements
69665	South Creek Road Bridge Over Brandywine Creek	105658	Signal Upgrades at Route 202 and Brinton's Bridge
69816	US 322, US 1 to Featherbed Lane (Section 101)	105659	Traffic Signal Pedestrian Accommodations (Concord Twp)
69817	US 322, Featherbed Lane to I-95 (Section 102)	105660	West Chester Pike LED Replacement
70228	I-476, MacDade Boulevard Ramp Improvements	105661	MacDade Boulevard and Kedron Avenue
79329	Bridgewater Road Extension	105662	Audible Pedestrian Signals (Springfield Twp)
86368	Mount Alverno Road Bridge Over Chester Creek (CB #9)	105663	Traffic Signal Uninterruptable Power Supply (Upper Chichester Twp)
86370	Tribbitt Avenue Bridge Over Hermesprota Creek (CB #237)	105664	Upper Darby Township
90128	PA252 o/ Springton Reservior (Bridge)	107177	Moore Road Sidewalk Project (TAP)
92323	Wanamaker Ave o/ Darby Ck (Bridge)	107178	Springfield Township Sidewalk Improvements (TAP)
92808	Marshall Rd o/ Cobbs Crk (Bridge)		

#### **Table 8: Montgomery County Project List**

MPMS #	PROJECT TITLE	MPMS #	PROJECT TITLE
HIGHWAY	PROGRAM - MONTGOMERY COUNTY		
16150	Tookany Creek Parkway Bridge Over Tookany Creek (CB)	57851	Plank Road/Otts Road/Meyers Road/Seitz Road Intersection Improvements
16214	PA 611, Old York Road Over SEPTA R3	57865	Edge Hill Road Reconstruction
16216	Pennswood Road Bridge Over Amtrak/SEPTA R5 Rail Lines	63486	US 202, Johnson Highway to Township Line Road (61S)
16239	NEW HANOVER SQ RD BR	63490	US 202, Township Line Road to Morris Road (61N)
16334	PA 73, Church Road Intersection and Signal Improvements	63491	US 202, Morris Road to Swedesford Road (65S)
16396	Church Road Bridge Over Norristown High Speed Line (CB)	63493	PA 309, 5-Points Intersection Improvements (71A) (Old US 202, 5-Points Intersection Improvements (71A))
16408	Fruitville Road Bridge Over Perkiomen Creek (CB #232)	64795	Belmont Rd/Rock Hill Rd Widening: I-76 Ramps to Rock Hill Road
16577	Ridge Pike, Butler Pike to Crescent Avenue Reconstruction and Signal Upgrade	64798	North Narberth Avenue Bridge Over Amtrak/SEPTA (CB)
16599	PA 320 at Hanging Rock	66952	PA 23/Valley Forge Road and North Gulph Road Relocation (2NG)
16610	Ashmead Road Bridge Over Tookany Creek (CB)	70197	US 422, (New) Expressway Bridge Over Schuylkill River (SRB)
16658	Old Forty Foot/Skippack (Bridge)	72355	Valley Green Road Bridge Over Wissahickon Creek
16665	US 202, Markley Street Southbound (Section 500)	74807	North Broad Streetscape Improvements
16705	Chester Valley Trail Extension (C036)	74816	Whitemarsh Street Imprv (TE)
16726	WarminsterRd/Pennypack Ck (Bridge)	77211	PA 309 Connector: Allentown Road to Souderton Pike (HT2)
16738	US 422 Expressway Section M1B	78736	E King St O/Manatawney Cr (Bridge)
16741	Swamp Road at PA 663	79864	Lafayette Street, Barbados Street to Ford Street Widening (MGN)
36878	Reliance Rd Grade X-ing	80021	US 202, Markley Street Improvements (Section 510)
48172	PA 23 Moore to Allendale and Trout Crk Rd Bridge	80052	Fetters Mill Bridge Over Pennypack Creek
48174	PA 63, Welsh Rd.	83643	Limekiln Pike (Bridge)o/SEPTA RR
48175	Ridge Pike, PA Turnpike to Butler Pike	83742	Keim Street Bridge Over Schuylkill River
48187	Henderson/Gulph Road Widen near I-76 Ramps PA 63 Bridges (3) Over Unami Creek and East Branch	84308	US 422 "S" Curve/Stowe Interchange
50646	of Perkiomen	86336	Congo Road Bridge Replacement
57849	PA 29, Main Street Bridge Over Reading Railroad Tracks (Removal)	86924	PA 422, Resurfacing (PM2)

#### Table 9: Montgomery County Project List (continued)

MPMS #	PROJECT TITLE	MPMS #	PROJECT TITLE	
HIGHWAY PROGRAM – MONTGOMERY COUNTY				
87099	Upper Gwynedd Township Improvements (SRTSF) - Round 1	105674	Jacksonville Road (SR 0332) and Montgomery Avenue	
89340	Bridge Rehab Group S	105675	Lansdale Traffic Signal Modernization	
92807	PA 73 - Skippack Pike Bridge Replacement	105677	Traffic Signal Modernization	
92839	Ridge Pike/two RR Bridges	105678	Lower Merion Township – Phase 1	
98225	Butler Pike over Prophecy Creek	105679	SR 232 and SR 2009 Emergency Preemption	
102273	Second Collegeville Bridge Crossing	105680	LED Project at Surrey Lane and Egypt Road	
102836	Walk and Bike Pottstown Phase 1 & 2 (TAP)	105681	Lower Salford Township Traffic Signal LED Upgrades	
102837	Liberty Bell Trail Connection (TAP)	105682	Lower Salford Township Traffic Signal Maintenance	
104278	Walk and Bike Pottstown - Phase 3	105683	New Hanover Township – LED Upgrades	
104280	First Avenue Road Diet (TAP)	105684	New Hanover Township Signal Maintenance	
104281	Elkins Park West Commercial District Streetscape	105685	Royersford Borough Traffic Signal Modernization	
104282	Virginia Drive Road Diet and Trail (TAP)	105686	Allentown Road and Fretz Road/Derstine Road	
104309	School Zoning Signalization	105687	Limekiln Pike and Dillon Road/Meetinghouse Road	
105134	First Avenue Linear Park/Streetscape	105688	Pennsylvania Avenue Adaptive Signal Control System	
105665	Abington Township Traffic Signal LED Upgrades	105689	Susquehanna Road Traffic Signal Upgrades	
105666	Ashbourne Road and New Second Street	105690	Video Detection Upgrades (Upper Moreland Twp)	
105667	GPS Time Clock Upgrades (Cheltenham Twp)	105691	LED Signal Upgrade (Upper Providence Twp)	
105668	In-Sync Integration (Cheltenham Twp)	105692	Intersection Improvements SR 3014 and SR 3003	
105669	Intersection Upgrades at Arcadia University	105693	LED Conversion for Five Intersections (Whitpain Twp)	
105670	Shopper Lane and Ogontz Avenue	105694	Traffic Signal Maintenance (Worcester Twp)	
105671	Germantown Pike Fiber ITS Extension	105803*	PA 309 Connector: Souderton Pike to PA 309 (HT3)	
105672	Route 113 Corridor	106326	Union Street Grade X-ing	
105673	Byberry Road (SR 2009) and Warminster Road (SR 2040)	107126	US 202-610 TSM Improvements	

#### Table 10: Montgomery County Project List (continued)

MPMS #	PROJECT TITLE	MPMS #	PROJECT TITLE
HIGHWAY	PROGRAM – MONTGOMERY COUNTY		
107179	Fort Washington Office Park, Cross County Trail Final Segment (TAP)	107456	Cheltenham Township – 2015 ARLE (ARLE 6)
107180	Powerline Trail Connection - Phase 1 (TAP)	107457	Limerick Township – 2015 ARLE (ARLE 6)
107455	Abington Township – 2015 ARLE (ARLE 6)		

#### **Table 11: Philadelphia County Project List**

MPMS #	PROJECT TITLE	MPMS #	PROJECT TITLE	
HIGHWAY PROGRAM – PHILADELPHIA COUNTY				
17407	Erie Ave o/ Conrail (Bridge)	70231	Swanson Street Reconstruction	
17409	Coulter St/SEPTA *B2	70243	American Street Streetscape (TIGER)	
17511	City Ave o/ SEPTA (Bridge)	72597	Ben Franklin Bridge Philadelphia Operational Improvement	
17697	Island Avenue Signal Upgrade	74828	American Cities/Safe Routes to School - Phase 3	
17782	I-95 & Aramingo Ave., Adams Ave. Connector	75804	University Av/CSX Rail (Bridge)	
17816	Chestnut Street Bridges, Ramps, (8) at 30th Street	77475	Philadelphia School Zone Safety Improvements (HTSSRS) - Phase 2	
17821	I-95, Shackamaxon Street to Ann Street (GIR) - Design	78757	JFK Blvd at 32 <sup>nd</sup> Street over SEPTA (30 <sup>th</sup> Street Station)	
46956	North Delaware Avenue Extension	78764	W Girard Ave O/CSX (Bridge)	
46958	Philadelphia Naval Shipyard Access	79686	I-95, Columbia Avenue to Ann Street (GR1)	
46959	I-95 Design Review Manager	79832	North Delaware Riverfront Greenway project, Sec 3	
48193	Allen's Lane Bridge Over SEPTA R8 Rail Line	79911	I-95: Allegheny Ave Interchange Advance Contract (AFI)	
57276	Montgomery Avenue Bridge over Amtrak at 30th Street (CB)	80054	Bridges Over Vine Street Expressway (I-676) (PAB)	
57901	Lincoln Drive (3R)	80104	Henry Ave Corridor Safety Improvements, Phase 1	
57902	City Wide 3R Betterments	81292	Frankford Av/Frankford Ck (Bridge)	
61712	North Delaware Riverfront Greenway/Heritage Trail/K&T Line Item	83736	Roosevelt Blvd over Wayne Junction (WAV)	
62694	Passyunk Avenue Drawbridge Over the Schuylkill River	85417	Allegheny Avenue Safety Improvements	
69828	Market Street Bridges (2) Over Schuylkill River and CSX Railroad (MSB)	87107	School District of Philadelphia Improvement (SRTSF) - Round 1	
69909	Willits Road Bridge Over Wooden Bridge Run	88085	Byberry Road Bridge Replacement	
69913	Grays Ferry Avenue Bridge Over Schuylkill River	91490	Expressway Service Patrol - Philadelphia	
69914	Fifth Street over Conrail (Bridge)	92554	Ridge Ave Over Amtrak (Bridge)	

#### Table 12: Philadelphia County Project List (continued)

MPMS #	PROJECT TITLE	MPMS #	PROJECT TITLE
HIGHWA	Y PROGRAM – PHILADELPHIA COUNTY	<u></u>	-
92809	Roosevelt Blvd Exit (Bridge)	105488	Citywide Resurfacing 105
96109	City ADA Ramps Project	105695	Cottman Avenue Corridor
96223	Philadelphia Signal Retiming	105696	Germantown Avenue Fiber Connection and Pedestrian
98229	59th Street over AMTRAK	105697	Roosevelt Boulevard ITS Communication Expansion
98230	Tabor Road over Tacony Creek	105698	West Girard Avenue Signal Upgrades
102102	North Delaware Avenue Phase 1B	106362	Westmoreland Street over Conrail (TIGER)
102134	Henry Ave Corridor Safety Improvements, Phase 2	106708	I-95 Planning Assistance
102274	Schuylkill River Swing Bridge (TIGER)	106991	5th Street Signal Improvements
102280	Broad Street Pedestrian Crossing Improvements (ARLE 4)	106992	2nd Street Signal Improvements
102281	L.E.D. Street Light Improvement Program (ARLE 4)	106993	Frankford Ave Signal Improvements
102839	South Philadelphia Neighborhood Bikeway (TAP)	106994	Rising Sun Ave Signal Improvements
103218	Ashton Road Grade Crossing	106995	Castor Ave Signal Improvements
103219	Blue Grass Road Grade Crossing	107181	Chelten-Greene Plaza Reconstruction (TAP)
103563*	I-95: Bridge Street Ramps (Section BS5)	107182	City of Philadelphia SRTS (Non-infrastructure) (TAP)
104179	Philadelphia Traffic Calming (ARLE 5)	107183	Make Way for Children, Expanding Pedestrian Infrastructure to Philadelphia Schools (TAP)
104284	Frankford Creek Greenway Section 1	107197	Manayunk Bridge Trail Site Amenities (TAP)
104367	Robbins Ave ISIP	107198	Safe Spaces for Cyclists: Building a Protected Bicycle Network (TAP)
104368	Cottman Ave ISIP	107596	Signal Integration - 2015 ARLE (ARLE 6)
104381	Levick Street ISIP	107597	Low Cost Safety Improvements - 2015 ARLE (ARLE 6)
104385	Ridge Ave ISIP	107598	LED Street Lighting - 2015 ARLE (ARLE 6)
105092	Citywide Resurfacing 104	107599	Fiber Optic Network expansion - 2015 ARLE (ARLE 6)
105290	Ben Franklin Bridge Operational Improvements	107600	Chestnut & Walnut Streets Fiber Optic Network - 2015 ARLE (ARLE 6)

#### **Table 13: Various Counties Project List**

MPMS #	PROJECT TITLE	MPMS #	PROJECT TITLE
HIGHWAY	PROGRAM - VARIOUS COUNTIES		
17876	Road/Resurfacing/Rehabilitation	83743	ADA Ramps Line Item
17891	RideECO Mass Marketing Efforts	84318	CAQ Reserve Line Item
17900	Mobility Alternatives Program (MAP)/Share a Ride Program (SAR)/(HER)	84457	Signal Retiming Program
17928	Air Quality Partnership	86077	Update Travel Simulation - DVRPC
48197	CSX Trenton Line Clearance Project	89337	Bridge Rehab Group R
48199	Transportation Management Associations (TMA)	92182	Expressway Service Patrol - Suburban Counties (2013-2016)
48201	DVRPC Competitive CMAQ Program	95447	County Bridge Line Item
48202	Regional GIS Support - DVRPC	97311	Transportation Community Development Initiative (TCDI) Administration
57927	Regional Safety Initiatives (HSIP)	102105	Municipal Bridge Line Item
63406	Retrofit for Bike Lanes and Shoulders	102106	Structurally Deficient Bridge Line Item
64652	Transportation Community Development Initiative (TCDI)	102107	Bridge On Demand Line Item
64984	Transportation Alternatives Program (TAP) Line Item	102275	Study Line Item
65109	Transit Flex - SEPTA	102321	District Wide Bridge Rehab Group Q
66460	TAP Project Engineering and Management - DVRPC	102665	Signal Upgrade Line Item
66461	CMAQ Project Engineering and Management - DVRPC	104363	ISIP Open End Project
72738	Intelligent Transportation Systems (ITS) Including RIMIS - DVRPC	104364	RDIP Open End Project
75854	District Program Management Services "A"	104639	Travel Monitoring
75855	District Program Management Services "B"	105291	The Circuit Line Item
79927	Highway Reserve Line Item-STP	106648	Sink Holes Line Item
79929	Bridge Reserve Line Item	106649	Stormwater Permits/Environmental Mitigation
79980	STU Reserve Line Item	106651	Sign Structure Repair
80093	I-76, Regional Travel Information	106654	I-95 Transportation Demand Mgt (TMA)
82216	NHPP Reserve Line Item	106990	District Roundabout Program

#### Table 14: Transit Program List

MPMS #	PROJECT TITLE	MPMS #	PROJECT TITLE	
SOUTHEASTERN PENNSYLVANIA		POTTSTOWN AREA RAPID TRANSIT		
TRANSPO	ORTATION AUTHORITY - SEPTA			
15407	Villanova Intermodal Station	59935	Capital Operating Assistance - Pottstown Area Rapid Transit (PART)	
59966	Capital Asset Lease Program	95739	Transportation Capital Improvements	
59973	Utility Fleet Renewal Program - Non Revenue Vehicles			
60275	Debt Service	PENNDOT		
60317	Federal Preventive Maintenance	93586	Downingtown Train Station Rehabilitation	
60335	City Hall / 15th Street Stations			
60540	Parking Improvements			
60574	Paoli Transportation Center			
60582	Vehicle Overhaul Program			
60599	Paratransit Vehicle Purchase			
60611	SEPTA Key (Fare Collection System/New Payment Technologies)			
60636	Elwyn to Wawa Rail Restoration			
60638	Regional Rail Car, Locomotive, and Trolley Acquisition			
60651	Substations and Power Improvements			
60655	Levittown Station			
73214	Ardmore Transportation Center			
77183	Transit and Regional Rail Station Program			
90497	Infrastructure Safety and Renewal Program			
90512	SEPTA Bus Purchase Program			
93588	Exton Station			
95402	Bridge Program			
102565	Track Improvement Program			
102567	Roof Program			
102569	Maintenance & Transportation Facilities			
102571	Communications, Signals, & Technology			
103626	Resiliency Program			
105572	Lansdale Area Improvements			
107011	Safety and Security Improvements			

# **DVRPC FY2017-2020 TIP PROJECTS FOR PENNSYLVANIA** INTERSTATE MANAGEMENT PROGRAM BY MPMS #

**Table 15: Interstate Management Program List** 

MPMS #	PROJECT TITLE	MPMS #	PROJECT TITLE
INTERST	TE MANAGEMENT PROGRAM - DELAWARE CO	OUNTY	
15477	I-95/322/Conchester Hwy. Interchange/Impvts. (322)		
INTERST	TE MANAGEMENT PROGRAM – MONTGOMER	Y COUNTY	
90099	I-76 o/ Righters Ferry Rd (Bridge)	106662	I-76 Integrated Corridor Management
91571	I-76 o/ Mill Cr & Mill Rd (Bridge)		
INTERST	TE MANAGEMENT PROGRAM – PHILADELPHI	A COUNTY	
47811	Bridge Street Design (Section BSR)(IMP)	83640	I-95: Shackamaxon Street to Columbia Avenue (GR2) (IMP)
47812	I-95: Betsy Ross Interchange (BRI) - Design(IMP)	92289	I-95 Consultant Mgmt
47813	I-95: Ann Street to Wheatsheaf Lane (AFC)	98207	I-95 Congestion Management
79685	I-95: Cottman-Princeton Main Line and Ramps (CP2) (IMP)	103553	I-95: Race-Shackamaxon 2 (GR6)
79826	I-95 Northbound: Columbia-Ann St N (GR3)	103555	I-95 Corridor ITS (GR8)
79827	I-95 Southbound: Columbia-Ann St N (GR4)	103557	I-95N Ann St-Wheatsheaf Lane (AF3)
79828	I-95: Race - Shackamaxon (GR5)	103560	I-95 Besty Ross Conrail Brdgs (BR5)
79903	I-95: Betsy Ross Bridge Ramps Construction (BRO) (IMP)	103561	195 Betsy Ross Int. Drainage (BR6)
79904	I-95: Betsy Ross Section Overhead Bridges, Ramps, Adams Ave (BR2)	103562	I-95 B.Ross Rmps/Adms Ave Cnn (BS4)
79905	I-95: Betsy Ross Mainline (BR3)	105796	Philadelphia Pump Station Upgrades
79908	I-95: Kennedy to Levick (Section BS1) (IMP)	103558	I-95SB: Ann St -Wheatsheaf Lane (AF4)
79910	I-95: Margaret to Kennedy (Section BS2) (IMP)	103559	I-95 Btsy Rss Mainln SB (BR4)
79912	I-95: Allegheny Ave Inter (AF2)		

# LEARN MORE AND SHARE YOUR IDEAS!

DVRPC encourages the public to provide comments about the TIP and specific projects to state, county, transit, and DVRPC staff through its ongoing public involvement process.

# THE PUBLIC COMMENT PERIOD FOR THE DRAFT DVRPC FY2017 TIP FOR PENNSYLVANIA OPENED ON MAY 27, 2016 AND CLOSED ON JUNE 27, 2016 AT 5:00 P.M. (EST).

# COMMENTS WERE SUBMITTED ONLINE VIA THE TIP COMMENT/SEARCH/MAP APPLICATION AT <u>www.dvrpc.org/asp/TIPsearch/2017/PA/</u>

Comments were also submitted in writing by mail: TIP Comments, c/o DVRPC Office of Communications and Engagement, 190 N. Independence Mall West, 8<sup>th</sup> Floor, Philadelphia, PA 19106; or faxed to "TIP Comments" at (215) 592-9125. Public comments were also accepted via email by way of the public\_affairs@dvrpc.org email address.

A public meeting was held at DVRPC offices and web conferencing was available. Those interested in using this option to join the meeting were asked to register by June 17, 2016 by contacting (215) 592-1800 or public\_affairs@dvrpc.org. Copies of the DVRPC FY2017 TIP for Pennsylvania are available for review on the DVRPC website at <u>www.dvrpc.org/TIP/</u>, in print at the DVRPC Resource Center, and at a number of regional public libraries (see Table 16 on the next page).

Submitted comments are included as part of the official public record and are included in the final TIP document.

Table 16: Libraries Displaying the DVRPC FY2017 TIP for PA

Philadelphia City	Independence Branch	Ramonita G. Derodriguez
Institute Library	Library	Branch Library
1905 Locust Street	18 South 7th Street	600 W. Girard Avenue
Philadelphia, PA 19103	Philadelphia, PA 19106	Philadelphia, PA 19123
🕾 (215) 685-6621	<sup>™</sup> (215) 685-1633	🕾 (215) 686-1768
Joseph E. Coleman	Lucien E. Blackwell	Northeast Regional
Regional Library	Regional Library	Library
68 W. Chelten Avenue	201 South 40 <sup>th</sup> Street	2228 Cottman Avenue
Philadelphia, PA 19144	Philadelphia, PA 19104	Philadelphia, PA 19149
🕾 (215) 686-2155	🕾 (215) 685-7671	🕾 (215) 685-0501
Free Library of Philadelphia 1901 Vine Street Philadelphia, PA 19103 🕾 (215) 686-5300	McPherson Square Branch Library 601 E. Indiana Avenue Philadelphia, PA 19134 🕾 (215) 685-9995	Doylestown District Center Library 150 S. Pine Street Doylestown, PA 18901 🕾 (215) 348-9081
Levittown Regional Library 7311 New Falls Road Levittown, PA 19055 🕾 (215) 949-2324	Indian Valley Public Library 100 E. Church Avenue Telford, PA 18969 🕾 (215) 723-9109	Newtown Public Library 201 Bishop Hollow Road Newtown Square, PA 19073 🕾 (610) 353-1022
Chester County Library	Coatesville Area Public	Cheltenham Township
450 Exton Square	Library	Library
Parkway	501 E. Lincoln Highway	215 S. Keswick Avenue
Exton, PA 19341	Coatesville, PA 19320	Glenside, PA 19038
🕾 (610) 280-2600	🕾 (215) 384-4115	🕾 (215) 885-0457
J. Lewis Crozer Library	La Mott Free Library	Ardmore Library
620 Engle Street	7420 Sycamore Avenue	108 Ardmore Avenue
Chester, PA 19013	La Mott, PA 19027	Ardmore, PA 19003
🕾 (610) 494-3454	🕾 (215) 635-4419	🕾 (610) 642-5187
Library for the Blind & Physically Handicapped Free Library of Philadelphia 919 Walnut Street Philadelphia, PA 19107 2 (215) 683-3213		

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Publication Title:

**Publication Number:** 

Date Published:

Geographic Area Covered:

Key Words:

#### Abstract:

Contact:

#### Highlights of the FY2017 Transportation Improvement Program (TIP) for Pennsylvania (FY2017-2020)

17001C

October 2016

Southeastern Pennsylvania (Bucks, Chester, Delaware, Montgomery, and Philadelphia counties)

Act 89, Air Quality, Bike and Pedestrian, Bridges, CMP, Conformity, Congestion Mitigation and Air Quality, Congestion Mitigation Process, DRPA/PATCO, Environmental Justice, FAST Act, FASTLANE, Federally Funded Projects, Fixing America's Surface Transportation Act, Fostering Advancements in Shipping and Transportation for the Long-term Achievement of National Efficiencies, Goods Movement, Highways, Highway Safety Improvement Program, HSIP, Indicators of Potential Disadvantage, IPD, MAP-21, Moving Ahead for Progress in the 21st Century, NHFP, National Highway Freight Program, National Highway Performance Program, NHPP, PART, PennDOT, PennDOT's Bureau of Public Transit, Pennsylvania Department of Transportation, Pottstown Area Rapid Transit, Public Involvement, Railway-Highway Grade Crossing, Safe Routes to School, SAFETEA-LU, Surface Transportation Program, SEPTA, STP, TAP, TEA-21, TIP, Title VI of the 1964 Civil Rights Act, Transit, Transportation, Transportation Improvement Program, Transportation Alternatives, Transportation Equity Act for the 21st Century

The Highlights for the DVRPC FY2017 Transportation Improvement Program (TIP) for Pennsylvania briefly describes the region's TIP as a federally required, multi-modal, four year constrained program of planned transportation infrastructure investment. It contains a summary listing of all transit, highway, bridge, bicycle, pedestrian, and freight related projects in DVRPC's Pennsylvania region which will seek federal funding in fiscal years (FY) 2017 to 2020. The Highlights document includes a financial summary of costs by county and by operator, as well as a section on commenting on the Draft DVRPC FY2017 TIP for Pennsylvania.

#### Elizabeth Schoonmaker

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SCAN QR CODE WITH YOUR SMARTPHONE FOR UP-TO-DATE INFORMATION ON DVRPC'S TIP OR VISIT **WWW.DVRPC.ORG/TIP**.