
**DVRPC FY 2009-2012
Transportation Improvement Program
for Pennsylvania
Modified After June 2008 Adoption**

**Final Version
Modified
After June 2008 Adoption**



Delaware Valley Regional Planning Commission

**DVRPC FY 2009
Transportation Improvement Program
for Pennsylvania
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**Pennsylvania
Highway Program**



Delaware Valley Regional Planning Commission

DVRPC FY 2009-2012 TIP for PA

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Pennsylvania - Highway Program

Bucks

MPMS# 12923 **Bristol Road Extension**
 AQ Code 2020M US 202 to Park Avenue
 Major SOV Capacity Roadway New Capacity
 Subcorr(s): 8G Chalfont Borough; New Britain Borough; New Britain Township

Let Date: -

Provide a two lane extension of Bristol Road (approximately 2000 ft.) from US 202 to Park Avenue. When completed, this improvement will provide a two-lane bypass around Chalfont Borough which will eliminate trips on US 202 and turning movements at the US 202/PA 152 intersection. Project involves relocation of SEPTA siding track, a bridge across the wetlands, widen the intersection at Bristol road and US 202 to provide right and left turning lanes, provide maintenance of traffic during construction, redesign traffic signals and rail road crossing gates at US202 and Bristol road extension and coordinate with SEPTA.

SAFETEA DEMO #500, PA ID# 334 - \$1.6 Million

SAFETEA DEMO #4775, PA ID# 585 - \$400,000

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
UTL	581	900				
PE	581		2,350			
FD	SXF					800
FD	581					200
UTL	STP					4,000
UTL	581					1,000
ROW	SXF					400
ROW	STP					400
ROW	581					200
CON	STP					6,400
CON	581					1,600
Fiscal Year Total		900	2,350	0	0	15,000
			Total FY 09-12		3,250	

DVRPC FY 2009-2012 TIP for PA

Final Version

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Bucks

MPMS# 13014 **Clay Ridge Road Bridge**
 AQ Code S19 over Beaver Creek
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): Tincicum Township

Reconstruction of a reinforced concrete arch bridge located in Tincicum Township which was originally constructed in 1909. The bridge is 25 feet long and is identified as county bridge # 30.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PE	BOO	60				
PE	183	11				
PE	LOCAL	4				
FD	BOO	120				
FD	183	23				
FD	LOCAL	8				
PE	BOF		120			
PE	183		23			
PE	LOCAL		8			
Fiscal Year Total		226	151	0	0	0
		Total FY 09-12			377	

MPMS# 13167 **Geigel Hill Road (Bridge)**
 AQ Code 2020M Over Tincicum Creek
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): Tincicum Township

Let Date: -

Replacement of existing pony truss bridge in Tincicum Township, Bucks County. The structure carries S.R. 1014 (Geigel Hill Rd.) over the Tincicum Creek and is located in the Ridge Valley Rural Historic District. Bridge is currently closed and is on the National Register. Proposed bridge will be a one lane 15 foot wide through girder on approximately the same alignment as the existing. The existing trusses will be attached as non structural members for an ornamental value. Bridge is programmed to be "turned-back" to the Township upon the completion of the project. Roadway reconstruction will be limited to the minimum necessary for transition onto the existing bridge, with little or no roadway profile changes anticipated, and a 400 foot maximum for the limits of construction.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	916				1,996	
Fiscal Year Total		0	0	0	1,996	0
		Total FY 09-12			1,996	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Bucks

MPMS# 13236 **Butler Avenue Bridge**
 AQ Code S19 over West Branch of Neshaminy Creek
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): 8G Chalfont Borough

Let Date: -

This project involves the replacement of the existing deteriorated bridge structure over the West Branch of Neshaminy Creek on Butler Avenue in Chalfont Borough, Bucks County. The overall limits are from north of Wilson Avenue to Main Street. Due to previous coordination, a temporary structure will be likely. The structure is on US Route 202 and PA Route 152 and lies between Limekiln Pike and Main Street.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PE	185	60				
UTL	STP	160				
UTL	185	40				
ROW	916	300				
FD	185		755			
CON	916D			2,613		
Fiscal Year Total		560	755	2,613	0	0
			Total FY 09-12	3,928		

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

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MPMS# 13240 **Old Bethlehem Road (Bridge)**
 AQ Code S19 Over Kimples Creek
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): Haycock Township

Let Date: -

The project consists of replacing 16' wide weight restricted 13 ton posted bridge over Kimples Cree w ith a 28' wide bridge with two 11' lanes and 3' shoulders on new alignment. Due to the impacts on emergency services a temporary roadway and bridge would be required and due to the impacts of the temporary facilities on the wetlands constructing the bridge on a new alignment is the most feasible alternative. As part of the project a wetlands mitigation site will be constructed to mitigate the impacts to the existing wetlands.

The existing bridge is posted for 13 tons, shows signs of rapid deterioration, is only 1 lane wide, and has only 111 feet of stopping sight distance. Additionally the horizontal alignment of Old Bethlehem Road north and south of the bridge consists of a series of sharp horizontal curves with substandard sight distance and radii. There is evidence of utility poles being struck.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	BOO	324				
FD	185	81				
CON	BOO		1,600			
CON	185		400			
ROW	BOO			258		
ROW	185			65		
CON	BOO			1,142		
CON	185			285		
CON	BOO				117	
CON	185				29	
Fiscal Year Total		405	2,000	1,750	146	0
			Total FY 09-12		4,301	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Bucks

MPMS# 13242 **Pineville Road (Bridge)**
 AQ Code S19 over Pidcock Creek
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): Buckingham Township

The project is necessary to bring the deteriorated existing bridge up to current PennDot design standards and to prolong the life of the bridge.

The SR 2103 Section 01B bridge replacement project will replace the existing Pineville Road (SR 2103) bridge over Pidcock Creek. The existing reinforced concrete T-beam bridge carries a single lane of traffic. The existing bridge has two 24-foot spans and 14.7-foot curb-to-curb width. The structure is in poor condition with a 15-ton maximum legal load weight restriction. The new structure will be construction in the same location as the existing bridge on a modified roadway alignment designed to improve traffic safety. The new structure will be a one-span 38 feet long bridge with 28-foot curb-to-curb width. The existing bridge pier will be eliminated to improve hydraulic performance. The new bridge will accommodate two 10-foot wide travel lanes with minimum 2-foot wide shoulders. The new structure will be constructed using the ConSpan precast arch system. The approach roadways will be reconstructed on the modified alignment for an approximate distance of 350-feet at each end of the new structure, transitioning into the existing roadway. Pole mounted aerial utility lines will be relocated to the modified roadway alignment.

TOLL CREDIT

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PE	BOO	200				
PE	185	50				
FD	BOO	160				
FD	185	40				
UTL	BOO	40				
UTL	185	10				
FD	BOO		80			
FD	185		20			
Fiscal Year Total		500	100	0	0	0
			Total FY 09-12		600	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Bucks

MPMS# 13248 **Walnut Street (Bridge #13)**
 AQ Code S19 Over Perkiomen Creek
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): Perkasié Borough

Let Date: -

This narrow two lane bridge with no shoulders will be replaced in kind. The bicycle and pedestrian checklists will be incorporated into the project.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	BOO	4,000				
FD	183		144			
FD	LOCAL		36			
Fiscal Year Total		4,000	180	0	0	0
		Total FY 09-12			4,180	

MPMS# 13249 **Stoney Bridge Road (Bridge)**
 AQ Code S19 Over Deep Run
 Bridge Repair/Replacement
 Bedminster Township

The existing two lane bridge with no shoulders will be replaced with a two lane bridge with shoulders. The bicycle and pedestrian checklists will be incorporated into the project.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	183		80			
Fiscal Year Total		0	80	0	0	0
		Total FY 09-12			80	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Bucks

MPMS# 13296 *Rickert Road (Bridge)*
 AQ Code S19 over Morris Run Creek
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): Hilltown Township

Let Date: -

The existing two lane bridge with no shoulders will be replaced with a two lane bridge with shoulders. The bicycle and pedestrian checklists will be incorporated into the project.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
ROW	BOF	33				
ROW	183	6				
ROW	LOCAL	2				
CON	183		186			
CON	LOC		47			
CON	183				238	
CON	LOC				59	
Fiscal Year Total		41	233	0	297	0
			Total FY 09-12		571	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Bucks

MPMS# 13337 **PA 611, Easton Road (Bridge)**
 AQ Code S19 2 Bridges over Gallows Road
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): Nockamixon Township

Let Date: -

This project includes the replacement and consolidation of the existing single-span bridges; reconfiguring the Easton Road/Old Easton Road/River Road triangle into a traditional three-leg (or T) intersection, abandoning Old Easton Road and removing the Old Easton Road bridge over Gallows Run, installation of new guide rail, end treatments and drainage improvements, widening of Easton Road (to provide for southbound left-turn standby lane) and providing appropriate mitigation.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	BOO	120				
FD	185	30				
ROW	BOO		72			
ROW	185		20			
ROW	LOCAL		2			
ROW	BOO			41		
ROW	185			9		
ROW	LOCAL			2		
CON	BOO			759		
CON	185			191		
CON	BOO				2,000	
CON	185				500	
CON	BOO					43
CON	185					8
CON	LOCAL					2
Fiscal Year Total		150	94	1,002	2,500	53
			Total FY 09-12		3,746	

MPMS# 13340 **Headquarters Road Bridge**
 AQ Code X Over Tincicum Creek
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): Tincicum Township

Let Date: -

Bridge Rehabilitation

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
UTL	916	30				
CON	916D		2,083			
Fiscal Year Total		30	2,083	0	0	0
			Total FY 09-12		2,113	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Bucks

MPMS# 13342 **Delaware Rd. over Delaware Canal (Bridge)**
 AQ Code S19 over Delaware Canal
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): Riegelsville Borough

Let Date: -

The project involves the replacement of the narrow, structurally deficient bridge carrying SR 1016 (Delaware Rd.) over the Delaware Canal. The bridge will be replaced on the same horizontal and vertical alignments with minimal approach work. The proposed bridge will: have two travel lanes (1 EB & 1 WB), provide a sidewalk for pedestrians, and maintain adequate vertical clearance above the canal towpath. A temporary bridge and roadway will also be constructed as part of the project. This temporary structure will likely be located approximately 300 feet south of the existing structure on alignment with the bridge that carries Delaware Rd. over the Delaware River. Refer to the attached site location map. The project involves the replacement of the bridge carrying SR 1016 (Delaware Rd.) over the Delaware Canal. The bridge will be replaced on the same horizontal and vertical alignments with minimal approach work. The proposed bridge will: have two travel lanes (1 EB & 1 WB), provide a sidewalk for pedestrians, and maintain adequate vertical clearance above the canal towpath. A temporary bridge and roadway will also be constructed as part of the project. This temporary structure will likely be located approximately 300 feet south of the existing structure on alignment with the bridge that carries Delaware Rd. over the Delaware River.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PE	185	150				
FD	185	250				
UTL	185	200				
ROW	185	300				
CON	916			1,933		
CON	916				1,191	
Fiscal Year Total		900	0	1,933	1,191	0
				Total FY 09-12	4,024	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Bucks

MPMS# 13347 **I-95 / PA Turnpike Interchange**
 AQ Code 2030M From Exit 28 to 29 and parts of I-95
 Major SOV Capacity Roadway New Capacity
 Subcorr(s): 1A, 4A, Bristol Township
 12A
 2030 LRP ID: 35

This interstate gap completion project will join I-95 and I-276 in Pennsylvania and facilitate a revised routing of I-95 in PA and NJ. Phase 1 of the project involves a full interchange between I-95 and the PA Turnpike, relocation of toll plazas, widening I-95 between PA 413 and south of US 1 from 2 lanes in each direction to 3, and widening Turnpike between US 1 and US 13 from 2 lanes in each direction to 3. This is a partnership project of PA Turnpike, PennDOT and FHWA. A Major Investment Study was completed in 1997, the EIS in 2003, and a Record of Decision issued in late 2003. "Project cost is estimated at \$687 million for project phase 1 and \$345 million for phase 2, for a total of \$1.032 billion in year of expenditure (YOE) dollars. The entire project is eligible for federal funds. Currently reserved funds include \$222.6 million in Interstate Construction and Interstate Discretionary apportionment; however a shortage of obligation authority is delaying their use on the project. Approximately \$3.1 million is earmarked for the project from SAFETEA-LU and from the FY 2008 Appropriation Act. Use of toll credits was approved by PENNDOT in 2003. The federal Advance Construction option will be utilized to facilitate letting of large contracts.

The Pennsylvania Turnpike Commission (PTC) is committed to the advancement of the I-95 project to its completion utilizing a combination of all sources of funds including: Turnpike funds; currently available federal funds; and other funds at such time as they may become available and are required. PTC will seek resolution of the obligation authority shortage with PENNDOT, and will continue to seek Congressional earmarks for the project. However, the PTC is not seeking any additional regionally allocated federal or state TIP funds in order to complete this project.

The pre-construction phases are included in this TIP utilizing available earmarked funding in FFY 2009 with remaining pre-construction and construction costs reflected in the "Later FFY's". If additional funding is required for any pre-construction phase, funding may be advanced from the later FFYs with fiscal constraint maintained on the TIP. Construction phase actions are pending the completion of a project financial plan, as required by federal law and guidance for "Major Projects" (500M+), which will demonstrate the financial capacity for completion of the project and how TIP/STIP fiscal constraint will be maintained as funds are obligated. When the financial plan is completed by the PA Turnpike Commission and validated by FHWA, the DVRPC TIP/STIP may be amended to reflect the planning and programming components of the approved plan.

This project is integral to the Delaware Valley Freight Corridors initiative.

This project contains ITS elements.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	SXF	6,129				
ERC	TBD					1,026,000
Fiscal Year Total		6,129	0	0	0	1,026,000
			Total FY 09-12		6,129	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Bucks

MPMS# 13360 **Bridgetown Hill Road**
 AQ Code S19 over PA canal
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): Bridgeton Township

Let Date: -

Remove and replace bridge, providing for 7' underclearance under the new bridge for the Delaware Canal Towpath.
 Reconstruct roadway approaches as needed.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	185	150				
UTL	185	20				
ROW	185	70				
CON	BND		1,300			
Fiscal Year Total		240	1,300	0	0	0
		Total FY 09-12			1,540	

MPMS# 13477 **Lower State Road (Bridge)**
 AQ Code S19 over Neshaminy Creek
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): Doylestown Township

Let Date: -

The purpose of the project is to replace the deteriorated bridge with one that meets current criteria for capacity and width. The need for the project is to provide accommodation for regional traffic demands.

This project involves the replacement of the existing S.R. 2089, Section BBR over the Neshaminy Creek in Doylestown Township, Bucks County. The existing bridge is a five span, reinforced concrete T-beam with a curb to curb width of 23.5 feet. The concrete piers are skewed at 90 degrees and floodwaters impinge on the piers causing scour and a significant loss of efficiency of the opening to handle flooding. Project involves minimal roadway work.

The proposed bridge is a three-span, composite pre-stressed concrete I-beam. The proposed bridge will provide a curb to curb width of 40 feet, allowing for two travel lanes and two 8 feet shoulders. The new structure will be the same length as the existing structure, 212 feet. A detour will be required during construction.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
ROW	185	100				
FD	185		762			
CON	185			2,717		
Fiscal Year Total		100	762	2,717	0	0
		Total FY 09-12			3,579	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Bucks

MPMS# 13518 *I-95, Delaware Expressway Interchange at PA 332*
 AQ Code R3 I-95 at PA 332 (Newtown-Yardley Rd.)
 Intersection/Interchange Improvements
 Lower Makefield Township

Let Date: 12/2/2004

Funds account for Accrued Unbilled Costs

Interchange upgrade: Construct a new ramp from PA 332 eastbound to I-95 northbound and relocate the existing I-95 northbound off-ramp to PA 332.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STU	111				
CON	581	27				
Fiscal Year Total		138	0	0	0	0
		Total FY 09-12			138	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Bucks

MPMS# 13549 **US 1 (Bridges)**
 AQ Code 2030M PA 413 - PA Turnpike
 Major SOV Capacity Roadway New Capacity
 Subcorr(s): 1A, 4A, 5I, Bensalem Township; Middletown Township
 12A

This is a roadway reconstruction and widening and bridge improvement project that involves 2.8 miles of roadway and ten bridge structures and four retaining walls. The project includes the addition of a third through travel lane in each direction between the Street Road interchange and the Penndel interchange (Business Route 1) and the addition, modification, or upgrading of auxiliary lanes in each direction for the Street Road, PA Turnpike, Neshaminy (Rockhill Drive), and Penndel (Business Route 1) interchanges. The project includes improvements at the Street Road, the PA Turnpike and the Neshaminy (Rockhill Drive) interchanges to coordinate with proposed development as well as the investigation into pedestrian walkways and transit stops along Rockhill Drive. Also included in the project are guide rail upgrades, drainage improvements, signage improvements, additional traffic signalization along with evaluation of existing signal timings, and noise wall evaluation throughout the project limits.

The proposed structure improvements include the replacement of seven bridges, rehabilitation of two bridges, and the removal of one bridge. The bridges to be replaced are those which carry SR 1 over Street Road (1B), the PA Turnpike (9B), the PA Turnpike ramps (2B), Rockhill Drive (4B), Neshaminy Creek (5B), and Business Route 1 (6B) and the CSX and SEPTA rail lines. The bridge which carries Bristol Road over Route 1 (10B) is also to be replaced. The bridge that is to be removed (3B) currently carries Route 1 over a closed private access road. The rehabilitated bridges (7B and 8B) carry SR 1 over Highland Ave. (SR 2008).

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

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	STU	1,760				
FD	581	440				
ROW	STP			2,508		
ROW	581			627		
UTL	STU				1,697	
UTL	581				424	
CON	STP					123,454
CON	581					30,863
Fiscal Year Total		2,200	0	3,135	2,121	
				Total FY 09-12	7,456	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Bucks

MPMS# 13576 **PA 413, New Rodgers Road (Turn Lane)**
 AQ Code 2020M Old Lincoln Highway to Bath Road
 Minor SOV Capacity Intersection/Interchange Improvements
 Subcorr(s): 4A Middletown Township; Bristol Borough
 2030 LRP ID: 13

Let Date: -

Proposed work involves widening and overlaying New Rodgers Road to provide a center left turn lane from Bath Road to New Falls Road. From New Falls Road north the roadway will be widened approaching signalized intersections to provide turning lanes. Full shoulders will be provided throughout the project. New signals and turning lanes will be constructed on New Rodgers Road at Frosty Hollow Road, Trenton Road, and I-95 Market Place. One bridge deck will be repaired and overlaid and parapets modified. All originally proposed work was to be within existing right-of-way.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	STU	160				
FD	581	40				
ROW	STP	1,000				
FD	STU		150			
FD	581		37			
UTL	CAQ				1,109	
CON	STU					8,159
Fiscal Year Total		1,200	187	0	1,109	8,159
			Total FY 09-12		2,496	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Bucks

MPMS# 13606 *Hulmeville Avenue (Bridge)*
 AQ Code S19 over Conrail
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): 4A, Middletown Township
 51

Let Date: -

The project consists of the replacement of the existing Hulmeville Avenue bridge. The bridge carries two lanes of traffic over three tracks of the former Reading Railroad that is now operated by CSX. The existing bridge is being replaced along the existing horizontal alignment and approximate vertical alignment with minimal approach work. The existing span arrangement will be maintained due to the location of the existing railroad facilities. It should be noted that this span arrangement may be revised during the detailed design phase due to discussions between CSX and SEPTA to provide four (4) tracks throughout the project area. An understanding between the parties is that any overhead bridge replacement must accommodate an additional track.

The substructure units will be comprised of reinforced concrete stub abutments with reinforced multi-column pier bents with crash walls.

The replaced bridge will consist of a three-span continuous prestressed composite concrete adjacent box beams structure supporting a reinforced concrete deck. This structure type provides the minimum superstructure depth so that the required vertical clearance could be maintained without significant impacts to the profile of Hulmeville Avenue. The proposed typical section across the bridge consists of two 12-foot wide travel lanes with 4-foot wide shoulders on both sides flanked by concrete parapet walls with metal protective barrier mounted to the top of the parapets along the middle span. In light of PennDOT's policy of not providing sidewalks on bridges where there are no approach sidewalks, no sidewalks are proposed on the structure for pedestrian access.

There will be 144 feet of approach roadway work on the north side including the intersection of Hulmeville Avenue with Comly Avenue and 264.6 feet on the south side of the structure to meet the existing pavement conditions. The 4-foot shoulder is maintained to meet the existing conditions in the southerly direction and extended fully to Comly Avenue north of the bridge. Guide rail is proposed at the approaches extending from the end of wingwalls to Comly Avenue on the north side and to the entrance way of the commercial establishments at the southern quadrants.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	BOO	800				
UTL	BOO	300				
ROW	BOO	500				
CON	BOO				3,600	
CON	185				900	
Fiscal Year Total		1,600	0	0	4,500	0
		Total FY 09-12			6,100	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Bucks

MPMS# 13607 **Upper Ridge Rd. (Bridge)**
 AQ Code S19 Over Unami Creek
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): Milford Township

Let Date: -

This project involves reconstructing the bridge that carries Upper Ridge Road over Unami Creek in Milford Township. The bridge will be reconstructed along the existing alignment. The Unami Creek Bridge on the Upper Ridge Road is vital to the west Milford Township. Providing a modern structure is essential for emergency services, as well as for meeting potential future demand.

A new structure is needed to address existing deficiencies. The substandard bridge width (of 22.8 ft.) is functionally obsolete-the proposed structure has a bridge width of 32 ft. The existing bridge has a 100-year design storm elevation above the roadway surface.

The existing Upper Ridge Road (S.R. 4033) bridge is structurally deficient and deteriorating. Atop the bridge deck, the asphalt wearing surface has moderate damage showing typical wide cracks. As of 2003 inspection the overall bridge rating is governed by the superstructure condition which is poor (4). The rolled steel I-beams are severely rusted with advanced section loss up to the full height of the web in the shear zone and to the flanges at mid-span with up to 1 inch rotation of interior beams. The concrete bridge seat presents severe scaling that undermines the bearing of two beams. Scour damage is also present at the structure abutments. The stone masonry abutment stems have wide full height cracks.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	916	350				
ROW	916		115			
UTL	916			15		
CON	916D				2,000	
Fiscal Year Total		350	115	15	2,000	0
			Total FY 09-12		2,480	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Bucks

MPMS# 13609 **US 202 (Turn lanes) E. State/ Mechanics. Rd**
 AQ Code 2020M US 202 To PA 313 (Swamp Road)
 Minor SOV Capacity Intersection/Interchange Improvements
 Subcorr(s): 8G, 8H Buckingham Township; Doylestown Township; Doylestown Borough

Let Date: -

Realign US 202 at E. State St. to a "T" intersection, extend the PA 313 left turn lanes at US 202, and widen US 202 from PA 313 to Mechanicsville Road to accommodate a center left turn lane at the US 202/PA 313 intersection. Add pedestrian and bicycle access.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	STP	400				
FD	581	100				
ROW	STP			78		
ROW	581			20		
UTL	STP				420	
UTL	581				105	
ROW	STP				46	
ROW	581				11	
CON	916				3,150	
CON	STU					6,720
Fiscal Year Total		500	0	98	3,732	6,720
				Total FY 09-12	4,330	

MPMS# 13611 **Street Rd: Brstl- Wll Pnn**
 AQ Code R2 Signal/ITS Improvements
 Upper Southampton Township; Lower Southampton Township; Bensalem Township

Let Date: 10/21/1999

Funds Account for Accrued Unbilled Costs

Existing Signal Improvement

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STU	94				
CON	581	23				
Fiscal Year Total		117	0	0	0	0
				Total FY 09-12	117	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Bucks

MPMS# 13661 **Jugtown Hill Road (Bridge)**
 AQ Code S19 over Pennsylvania Canal
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): Tinicum Township

Let Date: -

The replacement bridge will carry Jugtown Hill Road over the Delaware Canal in Tinicum Township. The existing structure is a single span steel through-girder bridge that was constructed in 1921. The structure functions as a one-lane bridge. It is currently posted with a 10- ton vehicle weight limit. The replacement structure will be a single span adjacent box beam bridge with a span length of approximately 26.2 m. The new structure will carry all legal loads. The project will include the reconstruction of approximately 45.7 m of roadway on the south approach and 56.4 m on the north approach. There will be a minor shift in the roadway centerline in order to improve the horizontal alignment at the site. The profile will also be revised to improve sight distance and clearance over the canal tow path. A sidewalk will be included along the east side of the bridge. Because of the historic nature of the setting over the Delaware Canal, a simulated truss constructed of wood will be attached to the fascia of the new structure. This will improve access within the project area since other area crossing of the canal are also weight and height restricted. This will improve vehicle safety along Jugtown Hill Road. The bicycle and pedestrian checklists will be incorporated into the project.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	183	1,008				
CON	LOC	252				
FD	183		85			
FD	LOC		21			
Fiscal Year Total		1,260	106	0	0	0
		Total FY 09-12			1,366	

MPMS# 13685 **Church Hill Road (Bridge)**
 AQ Code S19 over Branch of Gallows Run
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): Nockamixon Township

Let Date: 12/18/2008

Remove and replace existing bridge. Reconstruct approach roadway as required. Replace existing storm sewer as required.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	BND	1,529				
Fiscal Year Total		1,529	0	0	0	0
		Total FY 09-12			1,529	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Bucks

MPMS# 13716 *Headquarters Road (Bridge)*
 AQ Code S19 over PA Canal
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): Tincicum Township

Let Date: -

The purpose is to replace a deteriorated and functionally obsolete bridge. Recent flooding has accelerated the bridge's deterioration, increasing the potential for bridge failure. Double faced barrier has been added to both sides of the bridge due to failure of structure mounted guiderail. The new structure will provide the community with a safe crossing over Tincicum Creek. Currently, there is a stop condition at either end of the bridge due to its narrow width. Traffic has been reduced to one lane. The new structure will carry two lanes of traffic across the bridge.

The existing structure is an 80' long, three-span concrete-encased steel stringer bridge with stone masonry abutments and piers over Tincicum Creek. This structure has deteriorated and is to be replaced with a new structure which will improve safety. Traffic will be detoured during construction. The existing bridge will be demolished and will be replaced by a single span 80 foot bridge with a 24 foot curb-curb width. The existing approach roadway widths will be maintained up to the bridge. Work will be limited to 50 feet from either end of the bridge. No utility conflicts are anticipated. Minimal right-of-way acquisition may be required.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	185	200				
ROW	BND	50				
PE	185		150			
CON	BND		1,750			
Fiscal Year Total		250	1,900	0	0	0
			Total FY 09-12		2,150	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Bucks

MPMS# 13727 **Bristol Road Intersection Improvements**
 AQ Code 2020M PA 513(Hulmeville Rd) To Old Lincoln Hwy
 Minor SOV Capacity Signal/ITS Improvements
 Subcorr(s): 4A, 5I, 12A Bensalem Township
 2030 LRP ID: 16

Let Date: -

This project consists of reconstruction and widening of Bristol Road (SR 2025, Section 001) to accommodate a center left-turn lane from Segment 0332 Offset 0643 north of Old Lincoln Highway to Segment 0372 Offset 1015 at the Pasqualone Boulevard intersection and the replacement of six (6) existing signals along Bristol Road.

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

Third Avenue/Richlieu Road to improve the horizontal alignment of the segment for improved sight distance.

There are existing sidewalks within the project limits and will be replaced in-kind upon any impacts due to the widening. There is currently no plan to provide additional pedestrian or bike features throughout the corridor. As a result of the improvements to SR 2025, impacts to properties include 40 proposed right-of-way takes, 20 slope easements, two drainage easements and two temporary construction easements throughout the limits of the project. Also, included under this project are several tracks of land identified to be deeded to PennDOT from Bensalem Township. The project limits overlap a private development that is proposed along the Westside of Bristol Road directly across from Bensalem Boulevard. The entrance to the proposed development has been designed to line-up with Bensalem Boulevard to provide for a four legged intersection and future traffic volumes were considered during the preliminary Engineering of this project.

This project contains ITS elements.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STU		3,000			
CON	581		750			
CON	STU			1,800		
CON	581			450		
CON	STU				954	
CON	581				238	
Fiscal Year Total		0	3,750	2,250	1,192	0
			Total FY 09-12		7,192	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Bucks

MPMS# 13742 *Hellertown Rd./Cooks Crossing (Bridge)*

AQ Code S19 Over Cooks Creek
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): Springfield Township

Let Date: -

The project involves the replacement of the existing Hellertown Road Bridge that carries two (2) lanes of traffic over Cooks Creek. The improvements will consist of a total bridge replacement with a single span pre-cast concrete arch culvert and minor approach roadway work. The replacement structure will be on the same alignment as the existing structure. The new structures will include two 11ft travel lanes with two 5 ft shoulders. In addition, a detour will be necessary during construction that will be approximately 7.4 mi long and will be implemented using all state owned roads.

The present structure built in 1919 is structurally deficient but does not have any posted weight restrictions. It was constructed as a one-span stone reinforced concrete rigid frame bridge with a span length of 11ft. The curb-to-curb roadway width for this bridge is 17.7 ft with no shoulders. The overall condition of the bridge is critical and scour is cited as the cause.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	185	120				
UTL	185	60				
ROW	185	35				
CON	185			1,360		
Fiscal Year Total		215	0	1,360	0	0
		Total FY 09-12			1,575	

MPMS# 13745 *US 13, Bristol Pike (Signals)*

AQ Code 2010M PA Turnpike to Bucks County Line
 Minor SOV Capacity Signal/ITS Improvements
 Subcorr(s): 4A, 4B Bensalem Township; Bristol Township
 2030 LRP ID: 14

Let Date: 8/3/2006

This project involves installing a closed loop traffic signal system for approximately 16 intersections within the project limits. The improvement is intended to help accommodate the additional traffic that is anticipated during the rehabilitation of I-95.

This project contains ITS elements.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	CMAQ*	300				
Fiscal Year Total		300	0	0	0	0
		Total FY 09-12			300	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Bucks

MPMS# 13762 **West Maple Ave. (Bridge)**
 AQ Code S19 Over Neshaminy Creek
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): 5I Middletown Township

The project involves replacing the bridge carrying West Maple Avenue (PA 213) over Neshaminy Creek. The purpose of this project is to maintain mobility in the project area. The existing bridge is structurally deficient due to corrosion in several components of the structure. The existing structure is a 3 span 299' reinforced concrete open spandrel stone arch bridge. It carries two 11' lanes of traffic with minimal shoulders.

TOLL CREDIT

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PE	BOO	500				
FD	BOO	750				
UTL	BOO	150				
Fiscal Year Total		1,400	0	0	0	0
		Total FY 09-12			1,400	

MPMS# 17918 **I-95 Transit Improvements/FLEX (Cornwells)**
 AQ Code M1 Shuttle Bus Operations
 Not SOV Capacity Other
 Adding Subcorr(s): 4B, 12A Various

In Philadelphia and Bucks Counties, funds will be used for the continuation of SEPTA's shuttle bus operations between the R7 Cornwells Heights and adjacent PENNDOT Park and Ride lot.

Obligated Prior Year Funding

\$832,988

This project may be suitable for ITS treatments.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	CAQ	284				
CON	LOC	71				
CON	STP		296			
CON	LOC		74			
Fiscal Year Total		355	370	0	0	0
		Total FY 09-12			725	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Bucks

MPMS# 47131 PA 13 at PA Turnpike Safety Improve. (Interchange)

AQ Code S6 PA 13 at PA Turnpike

Not SOV Capacity Intersection/Interchange Improvements

Adding Subcorr(s): 1A Bristol Township

Let Date: -

Provide interim safety improvements with regard to truck traffic. Study potential for long term improvements. This project will coordinate with MPMS# 47392

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	SXF		269			
CON	STU		30			
CON	LOC		75			
Fiscal Year Total		0	374	0	0	0
			Total FY 09-12		374	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Bucks

MPMS# 47395 **US 202 Parkway, Pickertown Rd to PA 611 (Sec. 721)**

AQ Code 2020M Pickertown Rd. to PA 611 Bypass
 Major SOV Capacity Roadway New Capacity
 Subcorr(s): 8G Doylestown Township; Warrington Township
 2030 LRP ID: 33

Let Date: 8/6/2009

This project provides for construction of one portion of Section 700 Route 202 relocation between Pickertown Road and the PA 611 Bypass.

This project will include the construction of a new facility (8.4 miles) from the Doylestown Bypass in Bucks County to the vicinity of PA 63 in Montgomery County. The Parkway will consist of a 4 lane undivided roadway from Welsh Rd. to Horsham Rd. From Horsham Rd. to PA 611, the new roadway will consist of a 2 lane undivided roadway. At-grade intersections along the Parkway will be provided at Knapp Rd., Connector A, Costco Dr., Horsham Rd., County Line Rd., Limekiln Pike, Bristol Rd., and Lower State Rd. The Parkway will be grade separated at PA 309, Almshouse Rd., Pickertown Rd., New Britain Rd., and Wells Rd. This project is involves Section 711.

After a year long re-evaluation, a limited 4 lane section combined with a 2 lane parkway concept with intersections at various crossroads has replaced the original 4-lane limited access design.

In the DVRPC region, US 202 covers 61 miles, traversing 27 municipalities in Delaware, Chester, Montgomery, and Bucks counties. It serves as a major commuter route and is a vital link for business and industry. 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 simplify construction management. US 202 stretches from Wilmington, Delaware to Bangor, Maine.

The limits of Section 722 are Pickertown Road to PA 611 Bypass and will consist of two (2) 11' lanes with 8' effective shoulders. The shoulders will be paved for 5' and will also serve as bike lanes. Bristol will be widened to five (5) lanes between the intersection with the Parkway and the intersection with Upper State Road. In addition a 12' paved Shared Use Path will be placed within the Parkway right-of-way. Within Section 721, at-grade intersections along the Parkway will be provided at Bristol Rd., and Lower State Rd. Section 721 will be grade separated at Almshouse Rd., New Britain Rd., and Wells Rd. Two (2) trailhead parking areas located on Bristol Road and on New Britain Road will also be constructed as part of the project. Current construction cost estimate is \$ 63.0 million.

MPMS #'s for Section 700 of Route 202 include: 13484, 16731, 47395, and 47396.

CMP commitments include transit improvements to SEPTA's R5 regional rail, as well as pedestrian and bicycle improvements. See DVRPC's CMP 2008 Supplemental Project Status Memorandum for details.

This project may be suitable for ITS treatments.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	581	9,889				
CON	581		5,463			
CON	581			14,347		
CON	581				4,400	
CON	581				16,374	
CON	581					6,600
Fiscal Year Total		9,889	5,463	14,347	20,774	6,600
				Total FY 09-12	50,473	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Bucks

MPMS# 47396 *US 202 Parkway, PA 463 to Pickertown Rd (Sec. 711)*

AQ Code 2020M PA 463 to Pickertown Road
 Major SOV Capacity Roadway New Capacity
 Subcorr(s): 8F, 8G, 14C Montgomery Township; Warrington Township
 2030 LRP ID: 33

Let Date: 9/10/2009

This project provides for construction of Route 202 relocation between PA 463 and Pickertown Road.

This project will include the construction of a new facility (8.4 miles) from the Doylestown Bypass in Bucks County to the vicinity of PA 63 in Montgomery County.

The Parkway will consist of a 4 lane undivided roadway from Welsh Rd. to Horsham Rd. From Horsham Rd. to PA 611, the new roadway will consist of a 2 lane undivided roadway. At-grade intersections along the Parkway will be provided at Knapp Rd., Connector A, Costco Dr., Horsham Rd., County Line Rd., Limekiln Pike, Bristol Rd., and Lower State Rd. The Parkway will be grade separated at PA 309, Almshouse Rd., Pickertown Rd., New Britain Rd., and Wells Rd. This project is involves Section 711.

After a year long re-evaluation, a limited 4 lane section combined with a 2 lane parkway concept with intersections at various crossroads has replaced the original 4-lane limited access design. In the DVRPC region, US 202 covers 61 miles, traversing 27 municipalities in Delaware, Chester, Montgomery, and Bucks counties. It serves as a major commuter route and is a vital link for business and industry. 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 simplify construction management. US 202 stretches from Wilmington, Delaware to Bangor, Maine.

The limits of Section 711 are from PA 463 to Pickertown Road and will consist of two (2) 11' lanes with 8' effective shoulders. The shoulders will be paved for 5' and will also serve as bike lanes. Limekiln Pike will be widened to five (5) lanes between the intersection with the Parkway and the intersection with Upper State Road. In addition a 12' paved Shared Use Path will be placed within the Parkway right-of-way. Within Section 711, at-grade intersections along the Parkway will be provided at County Line Rd. and Limekiln Pike. Section 711 will be grade separated at Pickertown Rd. A trailhead parking area located near County Line Road and Stump Road will also be constructed as part of the project. Current construction cost estimate is \$ 42.0 million

MPMS #'s for Section 700 of Route 202 include: 13484, 16731, 47395, and 47396.

CMP commitments include transit improvements to SEPTA's R5 regional rail, as well as pedestrian and bicycle improvements. See DVRPC's CMP 2008 Supplemental Project Status Memorandum for details.

This project may be suitable for ITS treatments.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	581	3,266				
CON	581	8,812				
CON	581		6,301			
CON	581			3,278		
CON	581			7,935		
CON	581				4,500	
Fiscal Year Total		12,078	6,301	11,213	4,500	0
			Total FY 09-12		34,092	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Bucks

MPMS# 47406 **Aquetong Road (Bridge)**
 AQ Code S19 Over Branch of the Aquetong Creek
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): Solebury Township

Let Date: 6/11/2009

The purpose of the proposed culvert replacement project is to improve safety of motorists using SR 1003 (Aquetong Road) by providing a wider roadway and shoulders across the structure, and by addressing current structural deficiencies with a new structure designed to meet PENNDOT standards. The existing narrow structure is functionally obsolete, and in need of repair or replacement. The existing structure was recently closed to traffic on February 17, 2005 due to structural concerns observed during an inspection of the structure.

A field inspection of the existing culvert showed that there is widespread mortar loss in the joints of the arch portion of the structure and that there are a few loose stones at the corrugated pipe interface. Both sides of the arch have severe mortar joint deterioration. The stone headwalls do not meet AASHTO standards for height or vehicle impact. The left headwall is also bulging in the top center. The upstream alignment is poor due to stream flow against the far left side of the corrugated pipe. Based on the hydraulic analysis, the existing structure and approach roadways are overtopped by the 25-year design storm event.

The new structure with the wider span will improve the hydraulic performance of the creek, and the concrete arch structure will be able to adequately pass the 25-year design storm event up to and including the 500-year storm event.

The project will replace the existing culvert structure carrying Aquetong Road (SR 1003) over a branch of Aquetong Creek. The existing narrow culvert structure is functionally obsolete and is considered a one-lane bridge on the two-lane road. The structure has a sufficiency rating of 24.1. The proposed bridge will be a single span, precast concrete arch with precast concrete wingwalls (ConSpan structure) founded on cast-in-place reinforced concrete footings with a clear span length of 12'-0" between walls. The bridge will not carry any utilities. The structure will provide for two 11'-0" wide travel lanes (one in each direction) with four ft. wide shoulders. The proposed bridge will maintain the existing alignment and the approaches will be transitioned to meet the existing roadway.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	BND	1,200				
Fiscal Year Total		1,200	0	0	0	0
		Total FY 09-12			1,200	

MPMS# 49315 **Portzer Road Connector**
 AQ Code 2020M Route 663 to Route 309
 Major SOV Capacity Roadway New Capacity
 Subcorr(s): 14C Milford Township; Richland Township

Let Date: -

Construct a two lane connector road from PA 663 to PA 309 northwest of Quakertown Borough using existing alignments for Portzer and Pumping Station Roads.

SAFETEA DEMO # 3032, PA ID# 495 - \$1.6 MILLION
 SAFETEA DEMO #4772, PA ID# 582 - \$1.6 MILLION

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STP					13,900
CON	SXF					1,650
Fiscal Year Total		0	0	0	0	15,550
		Total FY 09-12			0	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Bucks

MPMS# 50634 **County Line Rd. Restoration (3R)**
 AQ Code S10 Kulp Rd. to PA 611
 HORSHAM AND
 Not SOV Capacity Roadway Rehabilitation
 Adding Subcorr(s): 8G Horsham Township; Warrington Township

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

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

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STP					8,000
CON	582					2,000
Fiscal Year Total		0	0	0	0	10,000
		Total FY 09-12			0	

MPMS# 50728 **US 202 Wetland Mitigation Section 700**
 AQ Code X9 Chalfont Boro., Warrington (Kansas Rd.)
 Not SOV Capacity Other
 Adding Subcorr(s): 8G Warrington Township

Let Date: 9/25/2008

This project provides for the Wetland Mitigation associated with the US 202, Section 700 Parkway project. Approximately 10 acres of wetland replacement will be provided within an 85-acre parcel near Kansas Road in Warrington Township, Bucks County. The extensive acreage provides a large buffer area surrounding the wetland along the Neshaminy Creek. Proposed work consist of creation of 3.7 hectares of new wetlands by removal of excavated material, placing embankment and stockpiled topsoil mixture, drainage structures, right-of-way fence, placement of conservation area markers, planting, seeding, watering and maintenance for plant establishment and other miscellaneous construction. A five year post construction monitoring is required in accordance with the Army Corps of Engineers permit.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	581	3,050				
Fiscal Year Total		3,050	0	0	0	0
		Total FY 09-12			3,050	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Bucks

MPMS# 57619 **Route 313 Corridor**
 AQ Code 2020M Ferry Road to Broad Street
 Minor SOV Capacity Intersection/Interchange Improvements
 Subcorr(s): Doylestown Township; Hilltown Township; New Britain Township; Plumstead Township

Let Date: -

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

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

This project contains ITS elements.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	SXF	320				
FD	581	80				
CON	STU					9,129
CON	581					2,282
Fiscal Year Total		400	0	0	0	11,411
		Total FY 09-12		400		

MPMS# 57623 **County Line Rd. Widening**
 AQ Code 2020M US 202 to Stump Road
 Major SOV Capacity Roadway New Capacity
 Subcorr(s): 8G New Britain Township; Montgomery Township
 2030 LRP ID: 34

Let Date: -

This project includes the widening of S.R. 2038 (County Line Road) from 2-3 lanes to 5 lanes with 5' shoulders between S.R. 0202 (Doylestown Road) and Stump Road in New Britain, Warrington and Montgomery Townships. The project length is approximately 2.1 miles. The posted speed limit for the project area is 45 MPH and the design speed is 50 MPH. The project also includes intersection improvements, new traffic signalization at Summer Ridge/Horizon Drive and at the proposed 202 Parkway, and the addition of sidewalks at many locations in the project corridor. This section of S.R. 2038 has experienced increased traffic congestion throughout the years and expected to continue with the emergence of residential and commercial properties in the area. The project may include the construction of 3 noise barriers and will include 71 partial right of way takes. Two buildings will be demolished by this project: the St. John Neumann cemetery office which is currently being relocated by the Archdiocese and a single home which is currently a rental property. This project will be coordinated with MPMS 64779. The 202 Parkway will not cover this gap area. The Stump Road section meets up to MPMS #64779, Stump Road to Kulp.

CMP commitments include bicycle and intersection improvements. Also see US 202 Section 700 commitments that impact this project. See DVRPC's CMP 2008 Supplemental Project Status Memorandum for details.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	581		2,603			
CON	581			7,827		
CON	581				5,590	
Fiscal Year Total		0	2,603	7,827	5,590	0
		Total FY 09-12		16,020		

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Bucks

MPMS# 57624 **Woodbourne Road and Lincoln Highway**
 AQ Code 2020M Woodburn/East Lincoln/Old Lincoln
 Minor SOV Capacity Intersection/Interchange Improvements
 Subcorr(s): 4A, 5I Middletown Township

Let Date: -

The proposed roadway improvements will provide additional through lanes, right turn lanes and left turn lanes along Woodbourne Road from Terrace Road to First Street. The improvements will include traffic signal modifications for the intersections of Old Lincoln Highway and Lincoln Highway with Woodbourne Road. The improvements on Lincoln Highway and Old Lincoln Highway will include additional right turn lanes and lengthening of existing left turn lanes.

This project may be suitable for ITS treatments.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STU		75			
CON	581		17			
CON	STU				796	
CON	581				199	
Fiscal Year Total		0	92	0	995	0
		Total FY 09-12			1,087	

MPMS# 57625 **Route 232 Corridor and Intersection Improvements**

AQ Code R2 Neshaminy Creek to PECO Right-of-Way
 Minor SOV Capacity Intersection/Interchange Improvements
 Subcorr(s): Wrightstown Township

Let Date: -

The purpose of the project is to improve the functionality and safety of the intersection, as well as relieve some traffic concerns due to the heavy truck traffic in the area. This project involves the reconfiguration of the Second Street Pike/Swamp Road intersection, the addition of left turn lanes at all approaches, upgrade the intersection to be signalized, and the addition of an auxiliary passing lane that extends 800 feet north along SR 0232. Additionally, there is a 540 foot taper to bring the road safely back to one lane.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	HSIP	500				
CON	HSIP	560				
CON	HSIP		2,485			
Fiscal Year Total		1,060	2,485	0	0	0
		Total FY 09-12			3,545	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Bucks

MPMS# 57626 **Trenton Road**
 AQ Code R1 at Bristol-Oxford Road
 Minor SOV Capacity Intersection/Interchange Improvements
 Subcorr(s): 5I Falls Township; Middletown Township

Let Date: 4/16/2009

The project will focus on improving the overall level of service, safety and provide more defined traffic movements at the two offset intersections of SR 2018 (Trenton Road) and SR 2029 (Bristol-Oxford Valley Road). Lane capacity and a signal installation at the main intersection is essential to adequately upgrading both minor arterial highways. SR 2018 will be widened on both sides to accommodate side by side left-turn lanes in the eastbound and westbound directions for both intersections with SR 2029. The project will include the replacement of the existing parallel pipes and cross drains and the Lower Bucks County Joint Municipal Authorities Sewer lines within the project limits.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STU	1,755				
CON	581	439				
Fiscal Year Total		2,194	0	0	0	0
		Total FY 09-12			2,194	

MPMS# 57629 **County Line Road Extension**
 AQ Code 2020M Bustleton Pike to Philmont Avenue
 Major SOV Capacity Roadway New Capacity
 Subcorr(s): 12A Lower Southampton Township; Philadelphia City

Provide a new roadway from Bustleton Pike to Philmont Avenue.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
ROW	581					250
CON	STU					1,600
CON	581					400
Fiscal Year Total		0	0	0	0	2,250
		Total FY 09-12			0	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Bucks

MPMS# 57635 **Quakertown Joint Closed Loop**
 AQ Code 2020M Signal System
 Minor SOV Capacity Signal/ITS Improvements
 Subcorr(s): 14C Quakertown Borough; Richland Township

Let Date: -

Installation of a straight-forward closed loop system for Route 309, California Road and Main Street. Limits are Route 309, from West Pumping Station Road to Tollgate Road & Hickory Drive @ Route 663 & California Road @ East Pumping Station Road and West Pumping Station Road & Main Street, from Park Avenue to Richland Crossing Shopping Center driveway.

This project contains ITS elements.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
UTL	CAQ	1,250				
FD	STP		88			
FD	581		22			
CON	CAQ				2,000	
Fiscal Year Total		1,250	110	0	2,000	0
			Total FY 09-12		3,360	

Pennsylvania - Highway Program

Bucks

MPMS# 57641 **Bridgetown Pike**
 AQ Code 2020M County Line Road to Old Bristol Road
 Minor SOV Capacity Signal/ITS Improvements
 Subcorr(s): 5I, 12A Lower Southampton Township

Let Date: -

□ The project consists of the interconnection of a total of ten (10) intersections (nine existing, one proposed) along Bustleton Pike (S.R. 0532) and Bridgetown Pike (S.R. 0213) to relieve congestion and improve traffic flow through the project corridor. In conjunction with the signal interconnection two intersections warrant the construction of additional lanes in order to further relieve congestion. The first is to widen the westbound direction of Bridgetown Pike (S.R. 0213) at Buck Road/Jay Street to provide a 14'-0" shared thru/right turn lane in addition to the existing 11'-0" thru lane. The second is to add a 14'-0" right turn lane with 5'-0" sidewalk to the northbound direction of Bristol Road (S.R. 2025) at its intersection with Bridgetown Pike (S.R. 0213). This section is 2,088 feet in length and is located in Lower Southampton Township (District 18), Buck County. This project is currently listed on the TIP.

Additional improvements consist of adding a shared 13'-0" through-right turn lane at the intersection of Bridgetown Pike & Buck Road. This auxiliary lane will be added to the intersection along the southbound direction of Bridgetown Pike. Bridgetown Pike is a 2-lane arterial from Old Bristol Road to Buck Road. However, it is a 4-lane arterial from Buck Road to County Line Road. Currently, vehicles use a 75'-0" long, striped shoulder at this location to make either a right turn onto Buck Road or to continue westbound thru the intersection onto Bustleton Pike using the rightmost existing receiving lane. This project will delineate this lane as a designated thru-right turn lane and lengthen the lane from 75'-0" to approximately 150'-0". Curbing and drainage modifications are proposed along eastbound Bridgetown Pike as part of the widening. As part of this project the existing eastbound pavement on Bridgetown Pike will be milled and overlaid along the length of widening.

In addition a dedicated 14'-0" right-turn lane will be added on northbound direction of Bristol Road at the intersection of Bristol Road and Bridgetown Pike. This approach to the existing T-intersection currently has only one approach lane; therefore right and left turns queue in this single lane. By adding an additional 500'-0" right-turn lane on this approach, more green time can be allocated to the traffic on Bridgetown Pike, thereby improving the flow of traffic on all the approaches of this intersection. Curbing and drainage improvements are proposed along westbound Bristol Road as part of the widening. As part of this project the existing northbound pavement on Bristol Pike will be milled and overlaid along the length of widening.

This project contains ITS elements.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	LOC	60				
UTL	LOC	150				
CON	CAQ			800		
CON	LOC			200		
CON	CMAQ				809	
CON	LOCAL				202	
Fiscal Year Total		210	0	1,000	1,011	0
				Total FY 09-12	2,221	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Bucks

MPMS# 57642 **Street Road, Bristol Road, York Road, &**
 AQ Code 2020M Jacksonville Road
 Signal/ITS Improvements
 Warminster Township

Funds account for Accrued Unbilled Costs

Modernization of over 30 traffic signal installations, expansion of closed loop system to entire Township system, enable traffic responsive operation along key corridors.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	CMAQ		28			
Fiscal Year Total		0	28	0	0	0
		Total FY 09-12			28	

MPMS# 61682 **Old Route 13 Improvement Project**
 AQ Code A2 Borough Boundary to Mill Street
 Not SOV Capacity Streetscape
 Adding Subcorr(s): 4A Bristol Borough

The project involves the removal of an unused rail spur and the installation of a 8'-0" wide paved shared use path along the south side of Old Route 13 for 90% of its length, before crossing to the north side at Maple Beach Road. This Gateway Improvement project extends for roughly a half mile along Old Route 13 from the Rohm & Haas driveway (east of the Otter Creek bridge) to west end of bridge over Old Delaware Canal in Bristol Borough. The path will be constructed in the street right-of-way and an easement located on the rail spur closest to the road. A 48" high split rail fence will separate the trail from the rail spur. The project will also include additional drain inlets, stamped and colored asphalt crosswalks, signage, new lighting, landscaping and guiderail. The existing road surface is to be milled and a new wearing course of asphalt installed as part of the project.

Removal of rail tracks, installation of streetscape improvements, and construction of pedestrain trail along .5 mile segment.

\$750,000 TE funds were approved during the FY2001 project selection process, to be programmed at the appropriate time, drawing funds from MPMS #64984.

TOLL CREDIT

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STE					
Fiscal Year Total			0	0	0	0
		Total FY 09-12				

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Bucks

MPMS# 64779 **County Line Road Widening**
 AQ Code 2020M Stump Road to Kulp Road
 Major SOV Capacity Roadway New Capacity
 Subcorr(s): 8G Horsham Township; Montgomery Township; Warrington Township
 2030 LRP ID: 34

This project includes the widening of S.R. 2038 (County Line Road) from 2 lanes to 5 lanes with 5' shoulders between Stump Road and Lower State/Kulp Road in Horsham, Warrington and Montgomery Townships. The project length is approximately 1.50 miles. The posted speed limit for the project area is 45 MPH and the design speed is 50 MPH. The project also includes intersection improvements to the Lower State Road/S.R. 0152 (Limekiln Pike)/S.R. 2038 intersection and the addition of sidewalks. This section of S.R. 2038 has experienced increased traffic congestion throughout the years. The congestion is expected to worsen due to the ongoing emergence of residential and commercial properties in the area. This project will also eliminate multiple substandard vertical curves along S.R. 2038 which contribute to safety concerns at the intersection with Lower State Road and S.R. 0152. The project may include the construction of two noise barriers and will include 61 partial right of way takes. There are no anticipated residential or commercial relocations as a result of this project. This project will be coordinated with MPMS 50634 and 57623.

CMP commitments include bicycle and intersection improvements. Also see US 202 Section 700 commitments that impact this project. See DVRPC's CMP 2008 Supplemental Project Status Memorandum for details.

This project may be suitable for ITS treatments.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	STU	480				
FD	581	120				
FD	STU				806	
FD	581				202	
UTL	STU				128	
UTL	581				32	
ROW	STU				1,935	
ROW	581				484	
CON	STU					5,477
CON	581					1,369
UTL	STU					830
UTL	581					208
ROW	STU					806
ROW	STU					655
ROW	581					164
ROW	581					202
Fiscal Year Total		600	0	0	3,587	9,711
			Total FY 09-12		4,187	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Bucks

MPMS# 64780 **Swamp Road Corridor**
 AQ Code R4 Route 413 to Rushland Road
 Not SOV Capacity Roadway Rehabilitation
 Adding Subcorr(s): Newtown Township; Wrightstown Township

NEW DESCRIPTION: This project will be deleted as the project scope has been significantly downsized. PennDOT has developed a safety signage program with neighborhood stakeholders. The signage program will be advanced as a PennDOT Maintenance Contract.

OLD DESCRIPTION:
 Minor roadway widening, horizontal and vertical curve realignment, shoulder rehabilitation and associated drainage improvements. This project also includes the replacement of the culvert on Swamp Road at Penns Woods Road. The culvert at Penns Woods Rd. is being rehabilitated under project MPMS #64781, and fully replaced as part of this corridor project.

SAFETEA DEMO #2392, PA ID# 444 - \$2.4 MILLION

Improvements will be handled as part of PennDOT Maintenance Contract.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
UTL	STP					
UTL	581					
ROW	STP					
ROW	581					
CON	STU					
CON	581					
Fiscal Year Total		0	0	0	0	0
		Total FY 09-12				0

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Bucks

MPMS# 64781 **Swamp Road Culvert at Penns Woods Road**
 AQ Code S10
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): Newtown Township; Wrightstown Township

Let Date: -

Structure replacement. Being progress concomitantly with the Swamp Rd Corridor project (MPMS# 64780). The simple span steel I-Beam Girder bridge was rehabilitated, and the substructure will be replaced.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	BOO	800				
FD	185	200				
UTL	BOO	400				
UTL	185	100				
ROW	BOO	400				
ROW	185	100				
CON	BOO				1,672	
CON	185				418	
Fiscal Year Total		2,000	0	0	2,090	0
		Total FY 09-12			4,090	

MPMS# 65905 **New Hope Cultural Canal Walk**
 AQ Code New Hope/Delaware River
 Not SOV Capacity Bicycle/Pedestrian Improvement
 Adding Subcorr(s): New Hope Borough

Let Date: -

The construction of a pedestrian link from the new public parking facility to the Delaware River will connect visitors to the Borough's historic central business district, encourage increased use of the canal, and enhance the visitor's cultural experience. The project will also include landscaping and lighting improvements. 2002 Transportation Enhancement (TE) project.

\$316,00 TE funds were approved during the FY2004 project selection process, to be programmed at the appropriate time, drawing funds from MPMS #64984.

\$250,000 ARRA funds (American Recovery and Reinvestment Act of 2009) will complement TE funds to fully fund the project cost.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	ECON-R	250				
CON	ECON-R		24			
CON	STE			316		
Fiscal Year Total		250	24	316	0	0
		Total FY 09-12			590	

DVRPC FY 2009-2012 TIP for PA

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Pennsylvania - Highway Program

Bucks

MPMS# 65922 *Ped/Bike Bridge, Route 13, East Coast Greenway*
 AQ Code A2 Across Rt. 13, north of Levittown Pkwy.
 Not SOV Capacity Bicycle/Pedestrian Improvement
 Adding Subcorr(s): 13A Tullytown Borough

Construction of an overpass for bikes and pedestrians across PA Route 13 as a component of the East Coast Greenway. The bridge will be located approximately 2000 feet north of Levittown Parkway where Route 13 divides.

\$500,000 TE funds were approved during the FY2002 project selection process, to be programmed at the appropriate time, drawing funds from MPMS #64984. Also see MPMS #71159, and 77449. A total of \$1.690 million TE funds have been recommended for this project.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STE					
Fiscal Year Total			0	0	0	0
		Total FY 09-12				

MPMS# 69824 *Rabbit Run Canal Bridge*
 AQ Code S19 Over PA Canal
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): Solebury Township

Let Date: -

The project involves replacing of the bridge carrying River Road (SR 32) over PA Canal-Rabbit Run. The purpose of the project is to maintain mobility within the project area. The bridge is structurally deficient due to severe rust and advanced section loss. There is also deterioration of short Crete covering on the far abutment. With a curb-to-curb width of only 19 feet, this bridge is functionally obsolete. The bridge carries a scenic 2 lane road over the PA Canal. The road and canal parallel the west bank of the Delaware River. The canal is a state park. The project setting is urban; the adjacent lands are used mostly for residential uses with a miscellaneous utility land. The project is on a level terrain. The 1932 steel stringer bridge that has wood truss railings, an imitation of the historic pony truss bridge at the crossing is supported on the original/early rubble fieldstone abutments and was built by the state of Pennsylvania. Loads are carried by the steel stringers. Although the bridge was built in 1932, it is finished to appear as a period structure.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	916D	200				
UTL	916D	50				
ROW	916D	100				
CON	916D				2,772	
Fiscal Year Total		350	0	0	2,772	0
		Total FY 09-12				3,122

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Bucks

MPMS# 69826 **Steinburg Road (Bridge)**
 AQ Code S19 Milford
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): Milford Township

Let Date: -

This project involves replacing the culvert carrying Steinberg Road (SR 4059, Sect. STR) over Molasses Creek. The purpose of this project is to maintain mobility within the project area. The bridge is structurally deficient due to severe cracking and missing sections. The project setting is suburban; adjacent lands are mostly residential with few vacant lands. The project is on a level terrain. The existing bridge was built by the State of Pennsylvania Department of Highways in 1920 (estimated).

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	916		261			
CON	916		476			
UTL	916			82		
ROW	916			82		
Fiscal Year Total		0	737	164	0	0
		Total FY 09-12			901	

MPMS# 69827 **Street Road (Bridge)**
 AQ Code S19 Over Branch of Little Neshaminy Creek
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): Warrington Township

Let Date: -

This project involves the replacement of the existing corrugated metal pipe culvert on a branch of Little Neshaminy Creek spanning Street Road. The purpose of the project is to maintain mobility within the project area. The culvert is structurally deficient due to heavy corrosion that caused cracks and holes throughout the corrugated metal pipe. The project is set on rolling suburban terrain along Street Road. The project area is situated South of a local golf course in which the creek ends. The project area is surrounded by areas used for industrial, commercial and residential purposes. The bridge was built in 1970 by the state of Pennsylvania.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
ROW	916	45				
CON	916	680				
Fiscal Year Total		725	0	0	0	0
		Total FY 09-12			725	

DVRPC FY 2009-2012 TIP for PA

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Pennsylvania - Highway Program

Bucks

MPMS# 69912 **River Road (Bridge)**
 AQ Code S19 Over Tohickon Creek
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): Tincum Township; Plumstead Township

Let Date: -

The purpose of this project is to replace the existing structurally deficient and functionally obsolete bridge. This replacement bridge project is located on River Road (SR 32, Sec 520) between Cafferty Road and Ferry Road on the border of Plumstead and Tincum Townships, Bucks County, Pennsylvania. The project surrounding area is moderately rural and wooded. It is occupied by residential dwelling within the well-preserved 19th and early 20th century village of Point Pleasant. The arch bridge is a contributing resource in the National Register listed Point Pleasant Historic District. This bridge was built in 1919. The proposed pre-cast concrete arch bridge will complement the existing structure. Also, a temporary crossing will be built on the upstream side of the existing bridge to accommodate one lane of traffic during construction. Total approach roadway work is limited to 200' approximately.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	185	350				
UTL	185	50				
ROW	185	400				
CON	185		2,463			
Fiscal Year Total		800	2,463	0	0	0
		Total FY 09-12			3,263	

MPMS# 69916 **Adjacent Box Beam Rehab (Group C)**
 AQ Code S19 Bucks County
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): West Fallowfield Township

Let Date: -

This project involves the rehabilitation of non-composite pre-stressed concrete box beam bridges that are structurally deficient and require immediate superstructure replacement to enhance safety and protection of the traveling public. The bridges included in this project are in critical, poor, or serious condition due to damaged beams and are in urgent need of rehabilitation in a timely matter.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
UTL	916	150				
ROW	916	200				
CON	916D		3,000			
CON	916			732		
Fiscal Year Total		350	3,000	732	0	0
		Total FY 09-12			4,082	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Bucks

MPMS# 71159 *Ped/Bike Bridge, Route 13, East Coast Greenway*

AQ Code A2
 Not SOV Capacity Bicycle/Pedestrian Improvement
 Adding Subcorr(s): 13A Tullytown Borough

Construction of a pedestrain bridge to cross Rt. 13 in order to provide safe passage for the Delaware Canal Towpath.

\$500,000 TE funds were approved during the FY2004 project selection process, to be programmed at the appropriate time, drawing funds from MPMS #64984.

Also see MPMS #65922 and 77449. A total of \$1.690 million TE funds have been recommended for this project.

The following phase(s) will be funded locally:

PE - \$40,000
 FD - \$200,000

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STE					
Fiscal Year Total			0	0	0	0
		Total FY 09-12				

MPMS# 71912 *Point Pleasant Pike - Betterment Project*

AQ Code S2
 Not SOV Capacity Roadway Rehabilitation
 Adding Subcorr(s): Warwick Township

Let Date: -

This "Betterment" project will address faulty retaining walls. The goal of Betterment projects is to make improvements which will bring the road up to current standards. S.R. 1006 (Point Pleasant Pike) is located in Plumstead Township, Bucks County. S.R. 1006, Section RTW begins west of Tollgate Road and ends at Tohickon Hill Road. Residences are present along both sides of Point Pleasant Pike. The paved roadway is approximately 20 feet wide with one lane in each direction and intermittent shoulders of varying widths (two foot maximum). A shallow drainage swale and steep rock cut slope typically parallel the eastbound lane. Guide rail lines a steep embankment along the westbound lane and Geddes Run roughly parallels the westbound lane. The existing right-of-way along S.R. 1006 is 40 feet wide. Slope stability analyses were performed along the corridor. Approximately 4570 feet of slope stability will be necessary. Guide rail will also be placed along the westbound lanes in embankment areas steeper than 1V: 3H.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	STU	300				
ROW	STU	150				
CON	STU	3,000				
CON	STU		3,040			
CON	TOLL					
CON	STP		800			
CON	TOLL					
CON	STU			1,698		
CON	TOLL					
Fiscal Year Total		3,450	3,840	1,698	0	0
		Total FY 09-12				8,988

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Bucks

MPMS# 72906 *Afton Avenue Streetscape HTSSRS*

AQ Code A2
 Not SOV Capacity Streetscape
 Adding Subcorr(s): Yardley Borough

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 involves streetscape improvements along Afton Avenue in Yardley's Central Business District, extending from the Delaware River to Lake Afton. Improvements will include replacement of existing sidewalks as well as crosswalks, signage, lightning, as well as accessibility and amenity improvements.

This project was recommended in the spring of 2005 for funding through the HTSSRS program. \$861,500 funding will be drawn down at the appropriate time.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STE					
Fiscal Year Total			0	0	0	0
Total FY 09-12						

MPMS# 72908 *Broad and Main St. Streetscape Quakertown HTSSRS*

AQ Code A2
 Not SOV Capacity Streetscape
 Adding Subcorr(s): 14C Quakertown Borough

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.

Replace the sidewalks, install imprinted asphalt crosswalks, new street lights and street trees to improve the esthetics and pedestrian safety at the intersection of Broad and Main Streets in uptown Quakertown as part of the Main Street program's ongoing plans. The goal is to coordinate these improvements with the Borough's water and sewer line replacement project for that area.

This project was recommended in the spring of 2005 for funding through the HTSSRS program. \$426,055 funding will be drawn down at the appropriate time.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STE					
Fiscal Year Total			0	0	0	0
Total FY 09-12						

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Bucks

MPMS# 72909 *Destination Doylestown Phase II HTSSRS*

AQ Code A2
 Not SOV Capacity Bicycle/Pedestrian Improvement
 Adding Subcorr(s): 8G, Doylestown Township
 8H

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.

Construction of a shared use bituminous pavement path, through the Delaware Valley College campus, between the intersection of US 202 and New Britain Road and the intersection of Lower State Road and Wells Road. 10' wide path by approximately 0.9 mile long plus replacement of a SEPTA railroad bridge underpass on the active R-5 line over Farm View Drive; also drainage improvements, concrete curb, pavement markings, signing and landscape plantings.

This project was recommended in the spring of 2005 for funding through the HTSSRS program. \$862,500 funding will be drawn down at the appropriate time.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STE					
Fiscal Year Total		0	0	0	0	0
		Total FY 09-12				

MPMS# 74827 *Delaware Canal Enhance*

AQ Code X12 Yardley and Bristol Boroughs
 Not SOV Capacity Streetscape
 Adding Subcorr(s): 4A

Let Date: -

Delaware Canal Enhancement
 Yardley and Bristol Boroughs
 Transportation Enhancements

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	SXF				2,400	
CON	LOC				600	
Fiscal Year Total		0	0	0	3,000	0
		Total FY 09-12				3,000

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Bucks

MPMS# 77448 *Lindenfield Ped. Bridge/Fairveiw Park Ped. Trail*

AQ Code A2
 Not SOV Capacity Bicycle/Pedestrian Improvement
 Adding Subcorr(s): 8G Chalfont Borough

Let Date: -

This project includes the installation of a pedestrian bridge over the North Branch of Neshaminy Creek, two pedestrian bridges over a tributary to the West Branch of Neshaminy Creek and portions of pedestrian trails throughout Chalfont Borough.

In the spring of 2006 this project was recommended for funding through the HTSSRS/TE Program. \$411,441 will be drawn from MPMS #64984 at the appropriate time.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STE	342				
Fiscal Year Total		342	0	0	0	0
		Total FY 09-12			342	

MPMS# 77449 *Route 13 Pedestrian Bridge-Tulleytown Bucks County*

AQ Code A2
 Not SOV Capacity Bicycle/Pedestrian Improvement
 Adding Subcorr(s): 5I Tullytown Borough

Construction of a pedestrain bridge to cross Rt. 13 in order to provide safe passage for the Delaware Canal Towpath. This funding for phase 2 of the project will provide funds for the unanticipated deep support pilings necessary & cost increases in material.

\$690,000 TE funds were approved during the FY2006 project selection process, to be programmed at the appropriate time, drawing funds from MPMS #64984.

Also see MPMS #65922 and 71159. A total of \$1.690 million TE funds have been recommended for this project.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STE					
Fiscal Year Total			0	0	0	0
		Total FY 09-12				

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Bucks

MPMS# 77455 **Broad/Main/Front Streets Streetscape, Phase III**

AQ Code A2
 Not SOV Capacity Bicycle/Pedestrian Improvement
 Adding Subcorr(s): 14C Quakertown Borough

This project includes the installation of patterned concrete crosswalks & lighting that is more in character with the historic nature of downtown Quakertown. It will increase pedestrian access by re-configuring & landscaping the central triangle dividing East & West Broad Street & encouraging more appropriate downtown parking options.

In the spring of 2006 this project was recommended for funding through the HTSSRS/TE Program. \$482,755 will be drawn from MPMS #64984 at the appropriate time.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STE					
Fiscal Year Total		0	0	0	0	
		Total FY 09-12				

MPMS# 77456 **Route 13 Redevelopment Project**

AQ Code X12
 Not SOV Capacity Streetscape
 Adding Subcorr(s): 4A Bristol Township

This project involves a complete rehabilitation of the Croydon business district. This project will serve as the impetus to completing redevelopment efforts along the entire 11-mile corridor in the study area.

In the spring of 2006 this project was recommended for funding through the HTSSRS/TE Program. \$510,000 will be drawn from MPMS #64984 at the appropriate time.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STE					
Fiscal Year Total		0	0	0	0	
		Total FY 09-12				

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Bucks

MPMS# 77468 SR 413 -Langhorne Borough Streetscape, Phase I

AQ Code A2

Not SOV Capacity Bicycle/Pedestrian Improvement

Adding Subcorr(s): 4A, Langhorne Borough

51

This project involves creating an attractive, safe walkable environment in Langhorne Borough and encourages walking, bicycling & the use of public transportation to help reduce traffic congestion & increase retail trade. Work will occur on (1) SR#413 in Langhorne Borough, specifically between Winchester Avenue south of(Twin rail tunnels) to the Southern Boro Line at the PennWood Library (Bucks County Free Library). Work is within the PADot right of way. AND (2) Mayors' playground (SR 213 & SR413) walkway to Heckman Elementary school on Cherry Street and connecting grounds of Woods Services residential treatment center for disabled.

In the spring of 2006 this project was recommended for funding through the HTSSRS/TE Program. \$280,712 will be drawn from MPMS #64984 at the appropriate time.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STE					
Fiscal Year Total			0	0	0	0
		Total FY 09-12				

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Bucks

MPMS# 77469 *Doylestown Bororough Safe Routes to School*

AQ Code A2

Not SOV Capacity Bicycle/Pedestrian Improvement

Adding Subcorr(s): Doylestown Borough

The Borough of Doylestown completed a survey of several neighborhoods surrounding Central Bucks West HS, Lenape MS, Doyle ES, Our Lady of Mount Carmel ES, and Linden ES. It was found that in numerous locations, along routes to these schools, sidewalk does not exist. In an effort to provide safe passages to schools located within the Borough, new sidewalks are proposed along portions of East Street, West Oakland Avenue, Washington Street, Union Street, Decatur Street, Doyle Street, Avenue A, and North Franklin Street. Curb ramps are proposed where prompted by safety and accessibility concerns. Work along East Street will additionally include grading, the demolition of a retaining wall, and the construction of a replacement retaining wall. Installation of new sidewalks within these neighborhoods will provide continuous, safe pedestrian routes for children walking to and from local schools.

Through coordination with the Bucks County Conservation District, measures will be taken to ensure that no adverse effects from construction activities will be created. The limits of work, while they may be considered widespread, do not include work that proposes to interfere with any aquatic, land, wildlife, or cultural resources.

This project includes the installation of new curb, sidewalk & curb ramps where none exist in the vicinity of Linden Elementary School in Doylestown Borough.

In the spring of 2006 this project was recommended for funding through the HTSSRS/TE Program. \$201,250 will be drawn from MPMS #64984 at the appropriate time.

An additional \$100,000 Regional STE was drawn down from MPMS #77469, Doylestown Borough Safe Routes to School and programmed for the construction of MPMS #72907 - Doylestown Borough Safe Routes to School HTSSRS in FY07. Only \$101,250 STE funds remain for this project and will be drawn down from MPMS #64984 at the appropriate time.

An additional \$101,250 Regional STE was drawn down from MPMS #77469, Doylestown Borough Safe Routes to School and programmed for the construction of MPMS #72907 - Doylestown Borough Safe Routes to School HTSSRS in FY07. No STE funds remain for this project."

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STE		66			
CON	STE			156		
Fiscal Year Total		0	66	156	0	0
			Total FY 09-12		222	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Bucks

MPMS# 78506 *Irish Mtghouse/Deep Run*
 AQ Code S19 BEDMINSTER TWP
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s):

Let Date: -

The bridge was built in 1963. An entire substructure and superstructure replacement is required due to the condition of the existing structure. In addition to the bridge replacement, guiderail will be replaced, the approach roadways will be resurfaced, and the existing gravel/grass shoulder will be paved and formalized. The limits of work will not exceed 500' in either direction of the existing bridge and the bridge will be replaced on the same alignment.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PE	185	100				
FD	185		100			
ROW	185		50			
CON	185			1,000		
Fiscal Year Total		100	150	1,000	0	0
		Total FY 09-12			1,250	

MPMS# 80056 *Mill Road Bridge over Neshimany Creek*

AQ Code S19
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): Hilltown Township

Let Date: -

Bridge Replacement

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PE	STU	200				
PE	185	37				
PE	LOC	13				
FD	STP	160				
FD	185	30				
FD	LOC	10				
ROW	STP			40		
ROW	185			8		
ROW	LOC			2		
CON	STP			800		
CON	185			150		
CON	LOC			50		
Fiscal Year Total		450	0	1,050	0	0
		Total FY 09-12			1,500	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Bucks

MPMS# 80100 *Cold Spring Creamery/Burnt House Hill Rds Roundabt*
 AQ Code R1 Buckingham Township
 Minor SOV Capacity Intersection/Interchange Improvements
 Subcorr(s): Buckingham Township

The project will involve replacing the current intersection configuration with a one lane Roundabout and improvement of associated roadway approaches. It also includes the installation of a bike/pedestrian trail within project limits connecting with George M. Bush Park. The project will accommodate bicycles and pedestrians with a multiuse path on the outer radius of roundabout that connects to the center island at the pedestrian weigh stations. The township will be responsible for 100% of the engineering and right-of-way costs. Construction was funded from the district wide roundabout line item, MPMS #76173 for \$800,000 in FY07 plus an additional approved \$100,000.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STU	900				
Fiscal Year Total		900	0	0	0	0
			Total FY 09-12		900	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Bucks

MPMS# 84096 **Stoopville Road Improvements**
 AQ Code X SR 532 - SR 413
 Not SOV Capacity Bicycle/Pedestrian Improvement
 Adding Subcorr(s): Newtown Township

Let Date: 8/20/2009

This project will include the installation of landscaped islands at the following intersections: Stoopville Road & Rosefield Drive; Stoopville Road & Eagleton Farms Rd /Hemlock Drive; Stoopville Road & Linton Hill Chase, which currently have transverse markings; installation of a flashing warning beacon at Stoopville Road & Creamery Road /Linton Hill Road and Stoopville Road & Washington Crossing Road with mast arms and create a multi-way stop condition based upon inadequate sight distance; installation of traffic signals Washington Crossing Road (SR 0532) & Highland Road; the upgrade of a existing ""span wire"" flasher to a modern ""mast arm"" flasher at Stoopville Road & Eagle Road.

Project will also include widening at the Southbound Approach of Washington Crossing Road (SR 0532) to provide for a 12 foot right-turn lane with a 4 foot shoulder. There will also be minor widening (less than 5 feet) on the Northbound Approach of Washington Crossing Road (SR 0532) to better align the roadway and on the Eastbound approach of Stoopville Road to align with the private driveway. There will also be a mill and overlay approximately 2000 feet in either direction, with new pavement markings, and the installation of raised pavement markers to increase safety.

At the existing signalized intersection of Washington Crossing Road (SR 0532) & Lindenhiurst Road, it is proposed to upgrade this traffic signal at this location to be powder coated black to match the rest of the project area. It also anticipated that the Controller Cabinet will be replaced.

Decorative crosswalks will be installed for pedestrian accessibility at all intersections. For those unsignalized locations, additional signage inclusive of advance warning signage will be installed. Where sidewalks exist, curb ramps will be installed to meet ADA criteria. Where no sidewalks exist, a detectable warning surface on an asphalt paved area will be installed to meet ADA criteria.

The spur road connecting Washington Crossing Road (SR 0532) with Stoopville Road will be removed from the project, and minor modifications will be required to provide access to existing driveways.

See companion project (Phase 2) (MPMS# 88083)

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	ECON-R	1,700				
CON	STP		700			
Fiscal Year Total		1,700	700	0	0	0
			Total FY 09-12		2,400	

Pennsylvania - Highway Program

Bucks

MPMS# 86023 **Bucks ADA Ramps - Phase II**
 AQ Code X Bucks County
 Not SOV Capacity Bicycle/Pedestrian Improvement
 Adding Subcorr(s): Various

Let Date: 4/30/2009

Construct ADA Ramps in different sections of Bucks County. These locations include:

SR 313 - Broad Street
 From West End Boulevard (SR 309) to Fairview Road
 Quakertown Borough

SR 663 - Broad Street
 From Hickory Drive to West End Boulevard (SR 309)
 Quakertown Borough, Richland Township

SR 212 - Tohickon Avenue
 From Ambler Street to Penrose Street
 Quakertown Borough

SR 4051 - Trumbauersville Road
 Intersection of Evergreen Road (Boro)/Tollgate Road/Broad Street (SR 4049)
 Trumbauersville Borough

SR 4027 - Main Street
 From Broad Street (SR 4049) to Creamery Road (SR 4093)
 Trumbauersville Borough

SR 313 - Main Street
 From Elephant Road (SR 4003) to Maple Street (SR 4003)
 Dublin Borough

SR 4013 - Diamond Street, Main Street
 From Wyckford Drive/Ridge Avenue to Ninth Street
 Sellersville Borough

SR 4027 - Main Street
 From Reliance Road to Penn Avenue
 Telford Borough

SR 2071 - Main Street
 From Reading Avenue (SR 2023) to Afton Avenue (SR 332)
 Yardley Borough

SR 2073 - Pennsylvania Avenue
 From Cleveland Avenue to Trenton Avenue (SR 2026)
 Morrisville Borough

SR 32 - Bridge Street/Delmorr Avenue North
 From Morris Avenue North to Trenton Avenue (SR 2026)
 Morrisville Borough

SR 2026 - Trenton Avenue
 From Pine Grove Road (SR 2071) to Big Oak Road (SR 2024)
 Lower Makefield Township, Morrisville Borough

TIP Program Years (\$ 000)

Later FYs

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Bucks

Phase	Fund	FY2009	FY2010	FY2011	FY2012
CON	ECON-R	1,200			
Fiscal Year Total		1,200	0	0	0
		Total FY 09-12			1,200

MPMS# 86860 **PA 611 Bridge Replacement**
 AQ Code S19 over Cooks Creek
 Bridge Repair/Replacement
 Durham Township

Let Date: -

This project includes replacing the superstructure of a 72 feet long, 37 foot wide, single span bridge due to the cracking and bulging of the abutments. The bridge currently has 2 lanes in each direction with 8' shoulders on each side. The bridge has the following condition ratings: deck - 5, super - 4, sub - 4. Sufficiency rating: 44.6

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PE	BOO		400			
PE	185		100			
FD	BOO			494		
FD	185			124		
UTL	BOO			41		
UTL	185			10		
ROW	BOO			41		
ROW	185			10		
CON	185				1,029	
CON	BOO					1,069
CON	185					258
Fiscal Year Total		0	500	720	1,029	1,327
		Total FY 09-12			2,249	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Bucks

MPMS# 86923 SR 309, Sellersville Bypass, Resurfacing (PM1)

AQ Code S10

Roadway Rehabilitation

Various

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

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PE	NHS	625				
PE	TOLL					
FD	NHS	625				
FD	TOLL					
CON	TOLL					
CON	STP			6,344		
CON	TOLL					
CON	STP				1,000	
CON	STP					3,738
CON	TOLL					
Fiscal Year Total		1,250	0	6,344	1,000	3,738
			Total FY 09-12		8,594	

MPMS# 87088 Chalfont Pedestrian Facilities (SRTS)

AQ Code A2

Bicycle/Pedestrian Improvement

Chalfont Borough; New Britain Borough

This project will install crosswalks, curbing, and sidewalks along Route 202, spanning two municipalities and benefiting one elementary school and one middle school.

Proposed improvements include completion of any missing areas of curbing, sidewalk, curbcuts for ADA access, planted concrete islands, painted pedestrian crosswalks, signalized pedestrian railroad crossing, utility adjustments, and replacement of hedges in the way of the proposed sidewalk. The project also includes removal of guiderail on the sides of a bridge to be replaced with sidewalks and a post-rail fence.

This project was awarded \$719,734 in Safe Routes to School (SRTS) funding in May of 2009.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	SRTS	720				
Fiscal Year Total		720	0	0	0	0
			Total FY 09-12		720	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Bucks

MPMS# 88083 **Stoopville Road Improvements - Phase 2**
 AQ Code R2 SR 532 - SR 413
 Intersection/Interchange Improvements
 Newtown Township

This project represents phase two (4.65 miles) of the Stoopville Road Improvements ARRA project in Bucks County. This project includes the installation of landscaped islands at the following intersections: Stoopville Road & Rosefield Drive; Stoopville Road & Eagleton Farms Rd /Hemlock Drive; Stoopville Road & Linton Hill Chase, which currently have transverse markings; installation of a flashing warning beacon at Stoopville Road & Creamery Road /Linton Hill Road and Stoopville Road & Washington Crossing Road with mast arms and create a multi-way stop condition based upon inadequate sight distance; installation of traffic signals Washington Crossing Road (SR 0532) & Highland Road; the upgrade of a existing "span wire" flasher to a modern "mast arm" flasher at Stoopville Road & Eagle Road.

Project will also include widening at the Southbound Approach of Washington Crossing Road (SR 0532) to provide for a 12 foot right-turn lane with a 4 foot shoulder. There will also be minor widening (less than 5 feet) on the Northbound Approach of Washington Crossing Road (SR 0532) to better align the roadway and on the Eastbound approach of Stoopville Road to align with the private driveway. There will also be a mill and overlay approximately 2000 feet in either direction, with new pavement markings, and the installation of raised pavement markers to increase safety.

At the existing signalized intersection of Washington Crossing Road (SR 0532) & Lindenhiurst Road, it is proposed to upgrade this traffic signal at this location to be powder coated black to match the rest of the project area. It also anticipated that the Controller Cabinet will be replaced.

Decorative crosswalks will be installed for pedestrian accessibility at all intersections. For those unsignalized locations, additional signage inclusive of advance warning signage will be installed. Where sidewalks exist, curb ramps will be installed to meet ADA criteria. Where no sidewalks exist, a detectable warning surface on an asphalt paved area will be installed to meet ADA criteria. The spur road connecting Washington Crossing Road (SR 0532) with Stoopville Road will be removed from the project, and minor modifications will be required to provide access to existing driveways.

2008 Appropriations Earmark - \$490,000
 2009 Public Lands Highway Discretionary - \$950,000

See companion ARRA project (MPMS# 84096)

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PE	TOLL					
PE	SXF		120			
FD	TOLL					
FD	SXF			120		
UTL	TOLL					
UTL	SXF			100		
ROW	SXF			100		
ROW	TOLL					
CON	TOLL					
CON	TOLL					
CON	SXF			1,000		
CON	STP			200		
Fiscal Year Total		0	120	1,520	0	0
				Total FY 09-12	1,640	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Bucks

Total for Bucks	72,113	45,572	64,960	69,132	1,270,836
		Total FY 09-12	251,777		

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Chester

MPMS# 13866 **Lee's Bridge Road (Bridge)**
 AQ Code S19 over Black Run
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): West Nottingham Township

Let Date: -

Replace posted bridge which does not have sidewalks

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	916D	100				
ROW	BND	50				
CON	BND		1,895			
Fiscal Year Total		150	1,895	0	0	0
		Total FY 09-12			2,045	

MPMS# 13945 **US 202, PA 252 to US 30 (Sec. 300 Design)**
 AQ Code 2020M US 30 to Howelville Rd./Swedesford Rd.
 Major SOV Capacity Roadway New Capacity
 Subcorr(s): 8B, 8C East Whiteland Township; Tredyffrin Township

This project serves as the design phase for US 202 Section 300 from North Valley Road to US 30 (Exton Bypass). This project involves widening and reconstruction of approximately 6.7 miles of limited access highway on existing alignment. The widening will provide a total of three travel lanes in each direction and includes interchange modifications.

This project is coordinated with MPMS 64493 (Section 310 bridges construction), MPMS 65613 (Section 311 bridges construction), MPMS 64494 (Section 320 construction), MPMS 64498 (Section 330 construction), MPMS 64479 (Traffic Management Systems), MPMS 84410 (Section 300 CMP Commitments), and MPMS 14663 (Chester Valley Trail).

ITS treatments are complete

CMP commitments include transit, ITS, and bicycle improvements. See DVRPC's CMP 2008 Supplemental Project Status Memorandum for details. See MPMS #84410 for the transit and rail component of the approved CMP package for Section 300 of the Route 202 Reconstruction project.

This project may be suitable for ITS treatments.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	NHS*	4,850				
Fiscal Year Total		4,850	0	0	0	0
		Total FY 09-12			4,850	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Chester

MPMS# 14167 **Westtowne Rd.(Bridge) over Chester Creek**
 AQ Code X over East branch of Chester Creek
 Bridge Repair/Replacement
 Thornbury Township; Westtown Township

Let Date: 5/20/2004

Funds Account for Accrued Unbilled Costs

Emergency Bridge Replacement

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	BON	43				
CON	TOLL					
Fiscal Year Total		43	0	0	0	0
		Total FY 09-12			43	

MPMS# 14199 **Westtown Thornton (Bridge)**
 AQ Code S19 Over West Branch of Chester Creek
 Bridge Repair/Replacement
 Thornbury Township

Funds account for Accrued Unbilled Costs

Replace the existing two lane bridge with no shoulders with a two lane bridge with shoulders and improve the vertical alignment by removing the hump in the bridge.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	BOO		32			
CON	TOLL					
Fiscal Year Total		0	32	0	0	0
		Total FY 09-12			32	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Chester

MPMS# 14206 **Yellow Springs Rd. Bridge**
 AQ Code S19 over Pickering Creek
 Bridge Repair/Replacement
 West Pikeland Township

Replace narrow state bridge with full width travel lanes and shoulders.

CHESTER INDICATED DROP

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	BOO		24			
CON	185		6			
Fiscal Year Total		0	30	0	0	0
		Total FY 09-12			30	

MPMS# 14236 **Little Washington Road Bridge**
 AQ Code S19 over Culbertson Road
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): East Brandywine Township

Let Date: -

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.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	916				265	
ROW	916				106	
CON	916D				1,000	
Fiscal Year Total		0	0	0	1,371	0
		Total FY 09-12			1,371	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Chester

MPMS# 14251 **Chandler Mill Road (Bridge)**
 AQ Code S19 over West Branch of the Red Clay Creek
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): Kennett Township

Let Date: -

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.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PE	BOO		40			
PE	185		8			
PE	LOC		2			
ROW	BOO		40			
ROW	185		7			
ROW	LOC		2			
CON	BOO					960
CON	183					180
CON	LOC					60
Fiscal Year Total		0	99	0	0	1,200
		Total FY 09-12		99		

MPMS# 14261 **Church Road Bridge**
 AQ Code S19 over Valley Creek
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): Tredyffrin Township

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.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PE	BOO	280				
PE	183	53				
PE	Local	18				
FD	BOO				240	
FD	183				45	
FD	Local				15	
Fiscal Year Total		351	0	0	300	0
		Total FY 09-12		651		

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Chester

MPMS# 14296 **US 30, Lancaster Avenue**
 AQ Code R2 at Waterloo Road
 Minor SOV Capacity Intersection/Interchange Improvements
 Subcorr(s): 7C Easttown Township

Add left turn lanes on all four approaches, modernize the traffic signal, and realign the Waterloo Rd. approaches.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STP					2,800
CON	581					700
Fiscal Year Total		0	0	0	0	3,500
		Total FY 09-12			0	

MPMS# 14327 **Street Road Bridge Replacement**
 AQ Code S19 over Brandywine/ over Radley Run
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): Birmingham Township; Pocopson Township

Let Date: -

Current structure is failing and is posted. Bridge replacement and improve roadway approaches. Project also includes a structure over Radley Run. This project is contained in PennDOT's Strategic Safety Plan.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
UTL	916	60				
ROW	916	285				
FD	185		235			
FD	185			325		
CON	916					5,607
Fiscal Year Total		345	235	325	5,607	0
		Total FY 09-12			6,512	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Chester

MPMS# 14336 **Pine Swamp Road Bridge**
 AQ Code S19 over Pine Creek
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): Warwick Township

Let Date: -

This project involves replacing the bridge carrying Pine Swamp Road (SR 345, Sec PSW) over Pine Creek in Warwick Township. The purpose of this project is to maintain mobility within the project area. The existing one lane bridge is functionally obsolete and structurally deficient due to corrosion and cracking throughout. The project is in a rural setting with rolling terrain. Adjacent land use is primarily residential with forested land and maintained lawn within the project area. The 33'-long steel stringer bridge is supported on a rubble course masonry substructure and has W beam guide rails replacing the original pipe rails, and converts a two lane road into a single lane for passing over the creek. The bridge was built in 1929 and is common throughout the state of Pennsylvania.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	185	180				
UTL	STP	14				
UTL	185	4				
ROW	916	75				
CON	BND		900			
Fiscal Year Total		273	900	0	0	0
			Total FY 09-12		1,173	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Chester

MPMS# 14354 **Chestnut Street (Bridge)**
 AQ Code S19 Over Amtrak/SEPTA R5
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): 8J Downingtown Borough

Let Date: -

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.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
UTL	BOF	1,600				
UTL	BOO	1,600				
UTL	183	300				
UTL	LOC	100				
ROW	BOO	80				
ROW	BOF	80				
ROW	183	15				
ROW	LOC	5				
CON	BOO			1,834		
CON	BOF			2,560		
CON	185			804		
CON	LOC			275		
Fiscal Year Total		3,780	0	5,473	0	0
				Total FY 09-12	9,253	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Chester

MPMS# 14484

PA 41 Study

AQ Code X1

Delaware State Line to PA 926

Major SOV Capacity

Roadway New Capacity

Subcorr(s): 5A

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

2030 LRP ID: 45

Township

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. The value expressed in the 'Later Fiscal Years' is not a commitment, nor an allocation, nor a decision on an alternative. The Later Fiscal Years cost estimates for engineering, right of way, and construction serve more as a public notice of potential costs for future budgetary purposes.

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

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PE	SXF	4,000				
PE	581	1,000				
FD	SXF			4,000		
FD	581			1,000		
CON	STP					32,000
CON	581					8,000
Fiscal Year Total		5,000	0	5,000	0	40,000
		Total FY 09-12		10,000		

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Chester

MPMS# 14504 PA 52 Relocation
 AQ Code 2020M PA 926 to US 1
 Minor SOV Capacity Intersection/Interchange Improvements
 Subcorr(s): 5A East Marlborough Township; Kennett Township; Pennsbury Township
 2030 LRP ID: 17

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

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
UTL	STU	600				
UTL	581	150				
ROW	STU	280				
ROW	581	70				
CON	STU	1,340				
CON	STP	1,264				
CON	SXF	1,160				
CON	581	316				
CON	581	625				
CON	STU		10,175			
CON	581		2,544			
Fiscal Year Total		5,805	12,719	0	0	0
		Total FY 09-12		18,524		

MPMS# 14515 PA 100
 AQ Code 2020M Shoen Rd. to Gordon Dr.
 Major SOV Capacity Roadway New Capacity
 Subcorr(s): 8l Uwchlan Township; West Whiteland Township
 2030 LRP ID: 42

Let Date: -

Provide an additional travel lane in each direction. CMS Improvements in the form of the Lionville Park and Ride lot was 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.

This project may be suitable for ITS treatments.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	581					21,585
Fiscal Year Total		0	0	0	0	21,585
		Total FY 09-12		0		

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Pennsylvania - Highway Program

Chester

MPMS# 14532 **US 30, Coatesville Downingtown Bypass**
 AQ Code S10 PA 10 to Exton Bypass
 Minor SOV Capacity Roadway Rehabilitation
 Subcorr(s): 8J Various
 2030 LRP ID: 04

Roadway reconstruction of approximately 14 miles of limited access highway and interchange ramp modifications to improve safety, reduce congestion, and upgrade deteriorating infrastructure.

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

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PE	NHS	1,000				
PE	SXF	600				
PE	581	400				
PE	SXF		1,800			
PE	581		450			
FD	NHS					12,648
FD	581					3,162
ROW	NHS					4,944
ROW	581					1,236
CON	NHS					451,760
CON	581					112,940
Fiscal Year Total		2,000	2,250	0	0	586,690
		Total FY 09-12				4,250

MPMS# 14541 **US 1, Baltimore Pike**
 AQ Code 2020M Kennett Square Bypass to Greenwood Road
 Major SOV Capacity Roadway New Capacity
 Subcorr(s): 5A East Marlborough Township
 2030 LRP ID: 44

Let Date: -

Widen 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.

This project may be suitable for ITS treatments.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	581				3,800	
Fiscal Year Total		0	0	0	3,800	0
		Total FY 09-12				3,800

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Pennsylvania - Highway Program

Chester

MPMS# 14572 **US 30 Bypass at PA 113 (Uwchlan Ave.)**

AQ Code 2020M

Intersection/Interchange Improvements
East Caln Township

Let Date: 8/28/2003

Funds account from Accrued Unbilled Costs

This project involves constructing an off-ramp from eastbound US 30 to northbound PA 113 and installing a median barrier from PA 113 to Creek Rd.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STU	72				
CON	581	18				
ROW	581		600			
Fiscal Year Total		90	600	0	0	0
		Total FY 09-12			690	

MPMS# 14580 **US 1 Expressway Reconstruction**

AQ Code S10

PA/MD State line - PA 896

Not SOV Capacity

Roadway Rehabilitation

Adding Subcorr(s):

Oxford Borough; Lower Oxford Township; Upper Oxford Township

2030 LRP ID: 03

The project consists of pavement rehabilitation and reconstruction; guiderail upgrades; vertical and lateral clearance compliance corrections of overhead structures; and interchange improvements such as length of acceleration and deceleration lanes and loop ramp radii. See also MPMS #14581.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PE	581					1,000
PE	581					1,000
PE	581					2,000
CON	NHS					64,000
CON	581					16,000
Fiscal Year Total		0	0	0	0	84,000
		Total FY 09-12			0	

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Pennsylvania - Highway Program

Chester

MPMS# 14581 **US 1 Expressway Reconstruction**
 AQ Code S10 PA 896 to Schoolhouse Road
 Not SOV Capacity Roadway Rehabilitation
 Adding Subcorr(s): 5M Penn Township; London Grove Township; New Garden Township; East Marlborough
 2030 LRP ID: 03 Township; Kennett Township

The project consists of pavement rehabilitation and reconstruction; guiderail upgrades; vertical and lateral clearance compliance corrections of overhead structures; and interchange improvements such as length of acceleration and deceleration lanes and loop ramp radii.
 Project is contained in Penn Twp., London Grove Twp, New Garden Twp., East Marlborough Twp. and Kennett Twp

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PE	NHS					1,600
PE	NHS					1,600
PE	NHS					800
PE	NHS					800
PE	581					400
PE	581					400
PE	581					200
PE	581					200
CON	NHS					64,000
CON	581					16,000
Fiscal Year Total		0	0	0	0	86,000
		Total FY 09-12				0

MPMS# 14613 **PA 41, Gap Newport Road**
 AQ Code R1 at Baltimore Pike
 Minor SOV Capacity Intersection/Interchange Improvements
 Subcorr(s): 5A London Grove Township

Let Date: -

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

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	HSIP	200				
FD	LOC	50				
UTL	HSIP		500			
ROW	HSIP		1,000			
CON	HSIP			3,000		
Fiscal Year Total		250	1,500	3,000	0	0
		Total FY 09-12				4,750

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Final Version

Pennsylvania - Highway Program

Chester

MPMS# 14653 **State Street Bridge**
 AQ Code X Over Amtrak's Harrisburg Line
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): Parkesburg Borough

Let Date: -

Remove the dilapidated vehicular bridge piers. Bridge has been closed to traffic since the 1970-s and was removed in 1998. Extension of Public Utilities Commission requires removal before the end of 2012. A new pedestrian bridge may be constructed. Resolution from the Public Utilities Commission is needed before this project advances to construction.

The project will make State Street more useable by connecting Main Street to Front Street on the north side of the railroad tracks. The re-profiling of State Street on the south side of the railroad tracks will provide a smooth transition between the street and the adjacent properties.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	ECON-R	1,500				
Fiscal Year Total		1,500	0	0	0	0
			Total FY 09-12		1,500	

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Pennsylvania - Highway Program

Chester

MPMS# 14663 **Chester Valley Trail**
 AQ Code A2 Warner Road to Church Farm School Road
 Not SOV Capacity Bicycle/Pedestrian Improvement
 Adding Subcorr(s): 8C, East Whiteland Township; West Whiteland Township; Tredyffrin Township
 8I, 8J

Let Date: 7/30/2009

Design and construction of multi-use trail to the North of S. R. 0030, through East and West Whiteland and Tredyffrin Townships, Chester County and in Upper Merion Township, Montgomery County. The project will rehabilitate approximately 19.0 kilometers (12.0 mi) of abandoned rail line into a multi-use trail, consisting of a 3.7 – meter (12.0 – ft) wide, primarily paved asphalt trail , with 0.5 meter (1.5ft) wide graded shoulders. The Chester Valley Trail will link Valley Forge National Historic Park, the Schuylkill River Trail, and the county-owned Struble Trail. The multimodal trail will primarily follow the abandoned Chester Valley Railroad and will convert rail to trail. This MPMS #14663 incorporates funding and work previously shown in MPMS #16743 and 14675. The project may be broken down further at the appropriate time to simplify construction management.

This trail project is part of a larger effort to provide regional cross-county trail connections. Also see MPMS #16705.

The Chester Valley Trail is intended principally for transportation purposes, including trips to work, school, shops, and services. Phase I (MPMS #14663) will connect several residential communities with a major employment center at Great Valley and a major shopping center in Exton. Phase II (MPMS #14675) will connect several residential communities with a major employment center at Great Valley and a major shopping center in King of Prussia.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PE	CMAQ	482				
PE	LOCAL	120				
FD	CMAQ	814				
FD	LOCAL	204				
UTL	CAQ	80				
UTL	LOC	20				
ROW	CAQ	80				
ROW	LOC	20				
CON	STE	53				
CON	ECON-R	5,000				
CON	LOCAL	13				
FD	STE		638			
FD	LOCAL		160			
CON	STE		2,025			
CON	LOCAL		506			
CON	STE			24		
CON	LOCAL			6		
Fiscal Year Total		6,886	3,329	30	0	0
			Total FY 09-12		10,245	

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Final Version

Pennsylvania - Highway Program

Chester

MPMS# 14675 **Chester Valley Trail, Phase I (Sec 2/3)**
 AQ Code A2 Old Eagle School Rd to Route 29
 Not SOV Capacity Bicycle/Pedestrian Improvement
 Adding Subcorr(s): 8J East Whiteland Township; Tredyffrin Township; Upper Merion Township

Let Date: -

Design and construction of multi-use trail to the North of S. R. 0030, through East and West Whiteland and Tredyffrin Townships, Chester County and in Upper Merion Township, Montgomery County. The project will rehabilitate approximately 19.0 kilometers (12.0 mi) of abandoned rail line into a multi-use trail, consisting of a 3.7 – meter (12.0 – ft) wide, primarily paved asphalt trail , with 0.5 meter (1.5ft) wide graded shoulders. Transportation Enhancement (TE) project.

This trail project is part of a larger effort to provide a cross-county trail from Chester County to Bucks County. Other related projects are MPMS #16743, 14663, and 16705.

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

ROW \$112,000 TE.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	CMAQ		2,303			
CON	LOCAL		2,364			
CON	LOCAL		1,364			
CON	CMAQ			7,420		
CON	LOCAL			1,855		
CON	CMAQ				1,831	
Fiscal Year Total		0	6,031	9,275	1,831	0
			Total FY 09-12		17,137	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Chester

MPMS# 14698 **US 422, Berks Co. to Schuylkill River**

AQ Code S10

Not SOV Capacity

Adding Subcorr(s):

2030 LRP ID: 02

Roadway Rehabilitation

North Coventry Township; West Pottsgrove Township

Let Date: -

FUNDS ACCOUNT FOR ACCRUED UNBILLED COSTS

Reconstruction of approximately 1.5 miles of expressway including three (3) bridges carrying SR 0422 over Laurelwood Road, SR 0100 (32.8 Sufficiency Rating), and Hanover Street. Acceleration and deceleration lane lengths along US 0422 will be increased to meet current design standards as well as increased shoulder widths will be provided meeting current design standards and US 0422 typical section. 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. Also see MPMS #s 16738, 64220, 64222, and 66986.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PE	NHS		800			
PE	TOLL					
CON	BOO					10,636
CON	185					2,659
Fiscal Year Total		0	800	0	0	13,295
		Total FY 09-12		800		

MPMS# 14699 **PA 113, Gay St. (Bridge)**

AQ Code S19

Not SOV Capacity

Adding Subcorr(s): 9B

over French Creek & Norfolk Southern RR

Bridge Repair/Replacement

Phoenixville Borough

Let Date: 11/29/2007

This project involves the replacement of the existing 12-span bridge with a new structure along similar alignment. The bridge will be constructed with two 12-foot lanes with 6-foot shoulders and 6-foot sidewalks across the bridge and transitions to two 11-foot lanes, a 10-foot left turn lane, 2-foot shoulders and 6-foot sidewalks at the intersection of Gay and Bridge Streets.

Project is complete.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	BOO	700				
CON	185	175				
Fiscal Year Total		875	0	0	0	0
		Total FY 09-12		875		

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Chester

MPMS# 15385 **US 202 (Section 100 Design)(ES1)**
 AQ Code 2020M Matlack Street to Delaware State Line
 Major SOV Capacity Roadway New Capacity
 Subcorr(s): 8A Various
 2030 LRP ID: 39

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. No funds will be programmed for additional phases until the conclusion of the DEIS. 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 simplify construction management.

This project contains ITS elements.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	STU				2,400	
FD	581				600	
FD	STU					5,600
FD	581					1,400
Fiscal Year Total		0	0	0	3,000	7,000
		Total FY 09-12			3,000	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Chester

MPMS# 47979 Paoli Transportation Center (Road Improvements)

AQ Code R1 US 30 and Paoli Pike
 Minor SOV Capacity Intersection/Interchange Improvements
 Subcorr(s): Willistown Township; Tredyffrin Township

The Paoli Transportation Center will provide a new intermodal transportation center 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.

The Paoli Transportation Center project will provide a new intermodal transportation center just west of the existing Paoli train station which serves AMTRAK, SEPTA's R5, and various bus routes. See MPMS #60574 for the transit components of this project.

This project may be suitable for ITS treatments.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PE	CAQ			1,200		
PE	581			300		
PE	CAQ				1,200	
PE	581				300	
Fiscal Year Total		0	0	1,500	1,500	0
		Total FY 09-12		3,000		

MPMS# 50519 Phoenix Column Truss Bridge

AQ Code X Over French Creek
 Bridge Repair/Replacement
 Phoenixville Borough

Rehabilitation of the existing through truss bridge over French Creek and incorporation into the Schuylkill River Trail.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STE			16		
Fiscal Year Total		0	0	16	0	0
		Total FY 09-12		16		

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Chester

MPMS# 57664 **Newark Rd.at Hillendale Rd. Channelization/Signal**
 AQ Code R1 at Hillendale Rd.
 Minor SOV Capacity Intersection/Interchange Improvements
 Subcorr(s): New Garden Township

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.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	581		80			
PE	581					30
FD	581					100
UTL	581					25
ROW	581					100
CON	581					372
CON	581					102
Fiscal Year Total		0	80	0	0	729
		Total FY 09-12				80

MPMS# 57683 **Old Gap-Newport Pike (Bridge)**
 AQ Code S19 over Valley Creek (north of Creek Rd.)
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): Atglen Borough

Let Date: -

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.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	BOO	240				
FD	185	45				
FD	LOCAL	5				
UTL	BOO	48				
UTL	185	9				
UTL	LOCAL	3				
ROW	BOO	16				
ROW	185	3				
ROW	LOCAL	1				
CON	185				2,884	
Fiscal Year Total		370	0	0	2,884	0
		Total FY 09-12				3,254

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Final Version

Pennsylvania - Highway Program

Chester

MPMS# 57684 **PA 82 Trail**
 AQ Code A2 parallel to PA 82, btw. PA 926 & Mill Rd
 Not SOV Capacity Bicycle/Pedestrian Improvement
 Adding Subcorr(s): East Marlborough Township

Let Date: -

Provide a bicycle/pedestrian trail to connect schools, parks, residential areas and retail

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	CAQ				1,075	
CON	LOCAL				269	
Fiscal Year Total		0	0	0	1,344	0
		Total FY 09-12			1,344	

MPMS# 60687 **Southern Chester County Rail Corridor Improvement**

AQ Code M9 Rail Corridor Improvements (Q26)
 Not SOV Capacity Other
 Adding Subcorr(s): 5A Pocopson Township

Let Date: -

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.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	CAQ		432			
CON	LOC		108			
Fiscal Year Total		0	540	0	0	0
		Total FY 09-12			540	

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Final Version

Pennsylvania - Highway Program

Chester

MPMS# 61885 **Schuylkill River Trail**
 AQ Code A2 along South Bank of French Creek (Q42)
 Not SOV Capacity Bicycle/Pedestrian Improvement
 Adding Subcorr(s): 8B, Phoenixville Borough
 9A

Multipurpose trail along the south bank of the French Creek linking a proposed station of the Schuylkill Valley Metro, the existing Schuylkill River Trail, SEPTA bus service, the downtown business district, and a proposed 120-acre mixed use development.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	CMAQ					416
CON	LOC					104
Fiscal Year Total		0	0	0	0	520
		Total FY 09-12				0

MPMS# 62863 **PA 100 Vanguard Improvement**
 AQ Code 2020M PA 113 to Township Line Road
 Major SOV Capacity Roadway New Capacity
 Subcorr(s): 8I Uwchlan Township
 2030 LRP ID: 49

This project will grade separate the existing at-grade, signalized intersection of PA 100 and Sheree Boulevard in an effort to mitigate congestion on PA 100 at a critical congestion point near PA 113 and the PA Turnpike Downingtown Interchange. A series of ramps and channelized movements will reduce the existing and future conflicts between through traffic on PA 100 and turning movements from and to Sheree Boulevard. Improvements include the following: new interchange ramps between southbound Route 100 and Sheree Boulevard; a bridge structure carrying Sheree Boulevard over Route 100; construction of a new Collector-Distributor Road and associated ramp to a proposed new Uwchlan Township loop road servicing proposed developments; sections of new auxiliary lanes along Route 100 southbound between Route 113 and Sheree Boulevard, and northbound between 113 and the Pennsylvania Turnpike Ramp X; reconstruction of PA turnpike ramps X and V; relocation of Marsh Creek Drive; and various signal upgrades. The project would complement the system of local collector roads that has been planned and built by Uwchlan Township and will address the existing development along Sheree Boulevard as well as the approved Vanguard development, a 2.5 million square –foot office complex.

This project will connect two existing bike trail systems in Uwchlan Township with the new bridge over PA 100 providing a safer bike and pedestrian crossing of PA 100 which effectively acts as a barrier to the trail system.

CMP commitments include circulation and pedestrian improvements. See DVRPC's CMP 2008 Supplemental Project Status Memorandum for details.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	ECON	9,500				
CON	ECON		5,500			
CON	LOC					11,250
Fiscal Year Total		9,500	5,500	0	0	11,250
		Total FY 09-12				15,000

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Chester

MPMS# 64220 **US 422 Expressway/Chester County-M2B/M03**
 AQ Code S19 Schuylkill River-PA 724: Sec. M2B andMO3
 Not SOV Capacity Roadway Rehabilitation
 Adding Subcorr(s): North Coventry Township
 2030 LRP ID: 02

Let Date: -

Reconstruct approximately 2.4 miles of expressway (from just east of the "up-river" Schuylkill River Bridge Crossing #1 to just west of the "down-river" Schuylkill River Bridge Crossing #2), including four (4) bridges carrying SR 0422 over Laurelwood Road, SR 0100, Hanover Street, and Ramp GH; and one (1) bridge carrying Keim Street over SR 0422. Increase horizontal radii to meet current design standards. Acceleration / deceleration lanes at SR 0100 Interchange, Hanover Street Interchange, Keim Street Interchange and PA 724 Interchange will be improved to meet current design standards. Install new traffic signal at the intersection of PA 724 and Ramps for PA 724 Interchange. Section M2B (MPMS # 14698) is included in this project.

Also see MPMS #'s 64222, 16738 and 66986

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	NHS					1,208
FD	581					302
UTL	NHS					400
UTL	581					100
ROW	NHS					200
ROW	581					50
CON	NHS					24,000
CON	581					6,000
Fiscal Year Total		0	0	0	0	32,260
		Total FY 09-12		0		

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Chester

MPMS# 64222 **US 422 Expressway/Chester and Montgomery M1A**
 AQ Code S19 Over river, RR, and US 422: Section M1A
 Minor SOV Capacity Roadway Rehabilitation
 Subcorr(s): Lower Pottsgrove Township; North Coventry Township
 2030 LRP ID: 02

Let Date: -

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.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
UTL	BOO	1,600				
UTL	185	400				
ROW	BOO	400				
ROW	185	100				
CON	BOO					54,204
CON	185					13,551
Fiscal Year Total		2,500	0	0	0	67,755
			Total FY 09-12		2,500	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Chester

MPMS# 64494 **US 202, Swedesford Rd. - Rt. 29 (Sec. 320 Mainln)**

AQ Code 2020M Little Valley Creek Bridge to Swedesford
 Major SOV Capacity Roadway New Capacity
 Subcorr(s): 8C East Whiteland Township; Tredyffrin Township
 2030 LRP ID: 43

Let Date: -

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.

This project is coordinated with MPMS 13945 (Section 300 overall design), MPMS 64493 (Section 310 bridges construction), MPMS 65613 (Section 311 bridges construction), MPMS 64498 (Section 330 construction), MPMS 84410 (Section 300 CMP Commitments), and MPMS 14663 (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).

CMP commitments include transit, ITS, and bicycle improvements. See DVRPC's CMP 2008 Supplemental Project Status Memorandum for details. See MPMS #84410 for the CMP package of transit services for this project.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STU			4,088		
CON	NHS			20,440		
CON	STU				4,088	
CON	NHS				20,440	
CON	STU					19,164
CON	NHS					47,780
Fiscal Year Total		0	0	24,528	24,528	66,944
				Total FY 09-12	49,056	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Chester

MPMS# 64498 **US 202, Exton Bypass to Rt. 29 (Sec. 330- Mainln)**

AQ Code 2020M Exton Bypass to Little Valley Creek Brdg

Major SOV Capacity Roadway New Capacity

Subcorr(s): 8C East Whiteland Township

2030 LRP ID: 43

Let Date: -

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. The right shoulder will be widened to meet current design standards. 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.

Additional, improvements along SR 401 within the interchange area includes striping, signing and signal indications and the ramp intersections. There are no accommodations for pedestrians along the Limited Access Highway portion of SR 202.

This project is coordinated with MPMS 13945 (overall design project for Section 300), MPMS 64493 (Section 310 bridges construction), MPMS 65613 (Section 311 bridges construction), MPMS 64494 (Section 320 construction), MPMS 64479 (Traffic Management Systems), MPMS 84410 (Section 300 CMP Commitments), and MPMS 14663 (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).

CMP commitments include transit, ITS, and bicycle improvements. (Many CMP commitments are also relevant for US 202 Section 400.) See DVRPC's CMP 2008 Supplemental Project Status Memorandum for details. See MPMS #84410 for the CMP package of transit services for this project.

TOLL CREDIT

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	NHS				22,933	
CON	STU				6,187	
CON	STU					2,545
CON	NHS					27,335
Fiscal Year Total		0	0	0	29,120	29,880
		Total FY 09-12			29,120	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Chester

MPMS# 64847 **Springton Road (Bridge)**
 AQ Code S19 Over Indian Run
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): Wallace Township

Let Date: -

The project includes the removal and replacement of the existing structure and associated approach work as well as the replacement of two cross pipes on either side of the existing structure. The southern limit of reconstruction will extend approximately 160' from the existing structure to incorporate the cross pipe replacement, at which point it will tie back into the existing lanes. The northern limit of reconstruction will extend approximately 200' from the existing structure to incorporate the cross pipe replacement, at which point it will taper back to the existing lane dimensions. The remaining roadway between the Indian Run Bridge and the North Branch of Indian Run Bridge will be resurfaced (approximately 250'). The reconstructed area will consist of 11' travel lanes and 3' shoulders, ultimately tying back into the existing roadway dimensions at the limits of the project. This project is just south of MPMS #14587.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
ROW	BOO	40				
ROW	185	10				
CON	BOO	1,400				
Fiscal Year Total		1,450	0	0	0	0
		Total FY 09-12			1,450	

MPMS# 65901 **Lincoln Highway Enhancement Plan**

AQ Code X9
 Not SOV Capacity Streetscape
 Adding Subcorr(s): 8J Caln Township

The project involves the construction of a pedestrian sidewalk on the south side of Lincoln Highway from North Bailey Road to 900-feet east of the intersection at a mid-block pedestrian crossing. The sidewalk will connect to the existing walkway/sidewalk along the frontage of Thorndale Shopping Center. Sidewalk will also be constructed on the north side of Lincoln Highway from Municipal Drive to S.R. 0340/Bondsville Road. This proposed sidewalk will connect to the existing sidewalk at both intersections. The project also includes lighting, benches and landscaping.

A combination of pedestrian safety, streetscape and landscaping along the Lincoln Highway in the township. See MPMS #77458

\$525,000 TE funds were approved during the FY2002 project selection process, and will be drawn down from MPMS #64984 - Transportation Enhancements, at the appropriate time.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STE					
CON	STE		11			
Fiscal Year Total		0	11	0	0	0
		Total FY 09-12			11	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Chester

MPMS# 65903 **Park Road Pedestrian Bridge**
 AQ Code A2 Over PA Turnpike (I-76)
 Not SOV Capacity Bicycle/Pedestrian Improvement
 Adding Subcorr(s): 8J Upper Uwchlan Township

Let Date: -

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.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	TOLL					
CON	STE			608		
Fiscal Year Total		0	0	608	0	0
		Total FY 09-12			608	

MPMS# 68025 **Lincoln Highway Closed Loop Signal System**

AQ Code 2010M Coatesville, StrodeAve-13th Ave.
 Not SOV Capacity Signal/ITS Improvements
 Adding Subcorr(s): Coatesville City

Let Date: 12/22/2005

Funds Account for Accrued Unbilled Costs

As a result of the 2002 DVRPC competitive CMAQ Program, \$753,798 CMAQ funds will be programmed in the future as appropriate for construction of a fiber optic closed loop signal system along Lincoln Highway (Route 3070) consisting of fifteen (15) intersections through the city of Coatesville, a central business district corridor. The fiber optic main distribution trunk line will be capable of being expanded to include adjacent municipalities along the corridor. The system will consist of new controllers, loop detectors, and system computer and software and signal upgrades and will be capable of automatic, real-time, computer controlled adjustments. During PENNDOT improvements to the Route 30 Bypass, rerouted traffic is expected to use Lincoln Highway, creating excessive travel loads.

(CMAQ ID# PA02-023) (See MPMS #48201 for other projects selected as part of the 2002 competitive Program.)

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	CMAQ	115				
Fiscal Year Total		115	0	0	0	0
		Total FY 09-12			115	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Chester

MPMS# 69645 **East Reeceville Rd. (Bridge)**
 AQ Code S19 Over Beaver Creek
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): East Brandywine Township

Let Date: 2/26/2009

The existing East Reeceville Road Bridge over Beaver Creek is a single lane, single span (31') steel beam structure supported by stone masonry abutments and wingwalls. The bridge was originally constructed in 1934 and is currently weight restricted to 15 tons. It is presently considered structurally deficient due to heavy steel beam corrosion and section loss. The existing roadways approaching the bridge consist of two 11-foot opposing lanes with no shoulders. The two opposing 11' approach lanes narrow to one lane over the bridge. This project will include replacing the bridge and approximately 250' of approach roadway improvements, 125' each side of the new bridge. The proposed bridge will be a 36'-9" single span prestressed concrete spread box beam structure, 28' wide curb-to-curb, carrying two 11' opposing lanes and two 3' shoulders. The superstructure will be supported by reinforced concrete abutments and wingwalls on shallow spread footings. The minimum vertical under clearance of the bridge from the bottom of the superstructure to the streambed is 4'-7". To safely carry motorist across the bridge and meet current roadway design and safety criteria, moderate changes to the vertical and horizontal roadway alignment are necessary. These modifications include shifting the centerline of the existing roadway slightly south, vertical re-profiling and providing a mild super elevated horizontal curve across the bridge. Additional roadway work includes drainage and other safety improvements.

This road/bridge is part of the Chester County Planning Commission recommended bikeway network.

TOLL CREDIT

Project Complete

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	BOO	850				
Fiscal Year Total		850	0	0	0	0
			Total FY 09-12		850	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Chester

MPMS# 69647 **US 322/Brandywine Creek Ave.(Bridge)**
 AQ Code S19 Over Brandywine Creek
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): 8J East Caln Township; West Bradford Township

Let Date: -

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.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
UTL	916	150				
ROW	916	150				
PE	BOO		242			
PE	TOLL					
FD	BOO		313			
FD	TOLL					
CON	916D			4,180		
Fiscal Year Total		300	555	4,180	0	0
			Total FY 09-12		5,035	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Chester

MPMS# 69910 **Fairview Road (Bridge)**
 AQ Code S19 Over Beaver Run
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): East Nantmeal Township

Let Date: -

The purpose of this project is to replace the existing bridge which is structurally deficient. This bridge is suffering from 100% section loss of exposed reinforcement members on its slabs and severe spalling and scaling on its pier. The existing bridge upholds one lane for each approach. The 2 span, 40' long, reinforced concrete slab bridge built in 1923 by the county. It has paneled parapets, and is supported by concrete abutments and a concrete pier.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	BND	150				
UTL	BND	50				
ROW	916D	100				
CON	BND		1,300			
Fiscal Year Total		300	1,300	0	0	0
			Total FY 09-12		1,600	

MPMS# 69911 **Harmonyville Road (Bridge)**
 AQ Code S19 Over Pine Creek
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): Warwick Township

Let Date: -

The project involves the replacement of the Green Valley Road Bridge over a tributary to the West Branch of the Brandywine Creek. Due to structural deficiency, the bridge was closed to traffic on May 2, 2000. The single-span, 22'-long steel stringer bridge has metal resil-flex and steel angle railings, steel grid deck, and stone abutments with concrete caps. Built in 1937, the bridge is a representative example of the standard steel stringer bridge type and design developed by the state highway department in the early 1930s for use on rural highways. It is significant in association with its undisturbed rural setting.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	916D	100				
UTL	STP	40				
UTL	185	10				
ROW	916D	100				
CON	BND		750			
Fiscal Year Total		250	750	0	0	0
			Total FY 09-12		1,000	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Chester

MPMS# 69917 **Gap Newport Pike (PA 41) (Bridge)**

AQ Code S19 Over Valley Creek
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): Atglen Borough

Let Date: -

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.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	916	250				
UTL	916	150				
ROW	916	200				
CON	916			3,292		
Fiscal Year Total		600	0	3,292	0	0
		Total FY 09-12			3,892	

MPMS# 69918 **Gap Newport Pike (PA 41) (Bridge)**

AQ Code S19 Over Officers Run
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): Atglen Borough

Let Date: -

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 ½"). The larger shoulder is required for traffic control during construction. Approach roadway work will be approximately ½ 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.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
UTL	916	150				
ROW	916	100				
PE	916		424			
CON	916			3,000		
Fiscal Year Total		250	424	3,000	0	0
		Total FY 09-12			3,674	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Chester

MPMS# 69919 PA 372, Lower Valley Road (Bridge)

AQ Code S19 Over Officers Run
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): Atglen Borough

Let Date: -

The project involves replacing the bridge carrying Newport Pike (SR 41) over Officers Run. This project is the replacement of an existing two span reinforced concrete slab bridge with a prestressed concrete adjacent box beam bridge. It is not considered historical. The existing sufficiency rating is 17.5. The structure currently has an ADT of 4,532 with 12% trucks. The existing lane widths are 12' lanes and 4' shoulders (total approx. 32'). The proposed structure will have 12' lanes with 5' shoulders on each side (total 34'). Approach roadway work is limited to that required to replace the bridge. There are no existing pedestrian or bike features. There are no planned pedestrian or bike accommodations.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	916	250				
UTL	916	50				
ROW	916	100				
UTL	916		150			
ROW	916		200			
CON	BOO					1,328
CON	185					332
Fiscal Year Total		400	350	0	0	1,660
		Total FY 09-12		750		

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Chester

MPMS# 70227 PA 29 Phase III
 AQ Code R1 PA 29 at Charlestown Rd & Whitehorse Rd
 Minor SOV Capacity Intersection/Interchange Improvements
 Subcorr(s): 8C East Whiteland Township; Charlestown Township

Let Date: -

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 the \$1.9 million in FY08 for construction are 100% STATE SPIKE funds

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
UTL	581		890			
UTL	LOCAL		180			
ROW	581		220			
ROW	LOCAL		520			
CON	581		2,000			
CON	TPK		802			
CON	SPK-SH			1,900		
CON	581			130		
CON	TPK			538		
CON	STP					4,030
CON	581					1,340
Fiscal Year Total		0	4,612	2,568	0	5,370
			Total FY 09-12		7,180	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Chester

MPMS# 70240 **US 30 Business**
 AQ Code 2020M Exton Mall to US 202
 Major SOV Capacity Roadway New Capacity
 Subcorr(s): 8I West Whiteland Township
 2030 LRP ID: 46

This project consists of the widening of Business Route 30 (S.R. 3040) from two 12 foot wide lanes with 8 foot shoulders to five 12 foot wide lanes with 2 foot curbed shoulders to provide for a continuous center left turn lane between Exton Square Mall and S.R. 0202. There will be dedicated left turn lanes on eastbound and westbound S.R. 3040 at the intersection with Ship Road, Spingdale Road and Belden Boulevard. Ship Road will be widened to provide for 12 foot left turn lanes in both the northbound and southbound directions at the intersection with S.R. 3040. Two culverts will be replaced and 600 feet of stream will be relocated as a result of the widening. New traffic signals will be installed at the intersections of Business Route 30/Ship Road, Business Route 30/Springdale Road and Business Route 30/Belden Boulevard.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	LOC					1,325
ROW	NHS					536
ROW	LOC					134
CON	NHS					3,156
CON	LOC					789
Fiscal Year Total		0	0	0	0	5,940
		Total FY 09-12			0	

MPMS# 70241 **Kennett Square Closed Loop Signal System**
 AQ Code 2020M State/Cypress/Union Streets
 Minor SOV Capacity Signal/ITS Improvements
 Subcorr(s): 5A Kennett Square Borough

Let Date: -

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)

This project contains ITS elements.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
ROW	CAQ			40		
CON	CAQ			1,021		
Fiscal Year Total		0	0	1,061	0	0
		Total FY 09-12			1,061	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Chester

MPMS# 71193 PA Bicycle Route L Realignment & Safety

AQ Code A2

Not SOV Capacity Bicycle/Pedestrian Improvement

Adding Subcorr(s): 8J East Bradford Township; West Bradford Township

Let Date: 3/19/2009

Funds Account for Accrued Unbilled Costs

This project will realign 2.3 mi of Bicycle PA Route L between West Chester and Downingtown. The realignment will construct a paved, multi-use trail parallel to the existing route along PA Route 322 between the intersections of Bradford Avenue and Harmony Hill Road.

\$230,000 TE funds were approved during the FY2004 project selection process, to be programmed at the appropriate time, drawing funds from MPMS #64984.

The following phase(s) will be funded locally:

PE - \$10,000

FD - \$50,000

ROW - \$80,000

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STE	176				
CON	STU	255				
CON	STP		325			
CON	TOLL					
CON	TOLL					
CON	STU		95			
CON	STE		54			
CON	STU		149			
Fiscal Year Total		431	623	0	0	0
			Total FY 09-12		1,054	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Chester

MPMS# 71195 **Coatesville Train Station Rehabilitation**

AQ Code M8
 Not SOV Capacity Transit Improvements
 Adding Subcorr(s): 8J Coatesville City

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.

The following phase(s) will be funded locally:

PE - \$8,333
 FD - \$41,667

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.

This project may be suitable for ITS treatments.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STE					
Fiscal Year Total		0	0	0	0	0
Total FY 09-12						

MPMS# 71196 **SR 340 Sidewalk Connector Project**

AQ Code A2
 Not SOV Capacity Bicycle/Pedestrian Improvement
 Adding Subcorr(s): 8J Caln Township

This project will provide for the installation of a sidewalk along State Route 340, connecting GO Carlson Boulevard's sidewalk with the sidewalk on Lincoln Highway (Business 30).

\$97,750 TE funds were approved during the FY2004 project selection process, to be programmed at the appropriate time, drawing funds from MPMS #64984.

The following phase(s) will be funded locally: PE - \$2,000 ; FD - \$10,000; ROW - 10,000

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STE					
Fiscal Year Total		0	0	0	0	0
Total FY 09-12						

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Chester

MPMS# 71197 **Sadsburyville Village Enhancement Plan**

AQ Code A2

Not SOV Capacity

Adding Subcorr(s):

Streetscape

Sadsbury Township

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.

The following phase(s) will be funded locally:

PE - \$12,000

FD - \$60,000

UTL - \$45,000

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STE					
Fiscal Year Total			0	0	0	0
		Total FY 09-12				

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Chester

MPMS# 71198 *Park Road Trail*

AQ Code A2

Not SOV Capacity Bicycle/Pedestrian Improvement

Adding Subcorr(s): 8l Upper Uwchlan Township

This project is for the continuation of a multi-use trail from the turnpike bridge to Marsh Creek State Park (approx. ½ 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.

The following phase(s) will be funded locally:

PE - \$14,000

FD - \$70,000

UTL - \$7,000

ROW - \$8,000

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STE					
Fiscal Year Total			0	0	0	0
		Total FY 09-12				

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Chester

MPMS# 72603 **US 322, Main Street at PA 10 Intersection Improvem**
 AQ Code R2 Main Street at PA 10
 Not SOV Capacity Signal/ITS Improvements
 Adding Subcorr(s): Honey Brook Borough

Let Date: -

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)

This project contains ITS elements.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PE	DEMO	75				
PE	TOLL					
FD	TOLL					
FD	DEMO	25				
CON	TOLL					
CON	DEMO	275				
CON	TOLL					
CON	DEMO		395			
Fiscal Year Total		375	395	0	0	0
		Total FY 09-12			770	

MPMS# 72910 Coatesville Third Avenue Train Station HTSSRS

AQ Code A2
 Not SOV Capacity Streetscape
 Adding Subcorr(s): 8J Coatesville City

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 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 lightning.

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.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STE					
Fiscal Year Total		0	0	0	0	0
		Total FY 09-12				

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Chester

MPMS# 72911 **Phoenixville Streetscape HTSSRS**

AQ Code A2
 Not SOV Capacity Streetscape
 Adding Subcorr(s): 9B Phoenixville Borough

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.

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.

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.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STE					
Fiscal Year Total			0	0	0	0
		Total FY 09-12				

MPMS# 72912 **West Grove Community Streetscape HTSSRS**

AQ Code A2
 Not SOV Capacity Streetscape
 Adding Subcorr(s): 3A, 10A West Grove Borough

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 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.

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.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STE					
Fiscal Year Total			0	0	0	0
		Total FY 09-12				

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Chester

MPMS# 77457 **Church Street Streetscape Project**

AQ Code X12
 Not SOV Capacity Streetscape
 Adding Subcorr(s): 8B West Chester Borough

The project will replace aging deteriorated streetscape infrastructure in downtown West Chester. It will include installation of new sidewalks, curbs, pedestrian style streetlighting, 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.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STE					
Fiscal Year Total		0	0	0	0	
		Total FY 09-12				

MPMS# 77458 **Lincoln Highway Streetscapes Project**

AQ Code A2
 Not SOV Capacity Streetscape
 Adding Subcorr(s): 8J Caln Township

This project includes the construction of curbing, sidewalks, & streetscapes improvements along Lincoln Highway adjacent to the Thorndale Shopping Center. It will provide a continuous sidewalk from the Thorndale Train station to G O Carlson Blvd. creating a continuous pedestrian loop around the center of Thorndale. See MPMS #65901

In the spring of 2006 this project was recommended for regional funding through the HTSSRS/TE Program. \$548,196 will be drawn from MPMS #64984 at the appropriate time.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STE					
Fiscal Year Total		0	0	0	0	
		Total FY 09-12				

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Chester

MPMS# 77459 *Phoenixville Streetscape Project*

AQ Code X12
 Not SOV Capacity Streetscape
 Adding Subcorr(s): 9A, Phoenixville Borough
 9B

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.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STE					
Fiscal Year Total		0	0	0	0	0
		Total FY 09-12				

MPMS# 77470 *Operation Safe Kids - Phoenixville*

AQ Code A2
 Not SOV Capacity Bicycle/Pedestrian Improvement
 Adding Subcorr(s): 9B Schuylkill Township

Let Date: 6/4/2009

This project includes the construction of a multi-use trail installed from the Phoenixville Area School District High School & Middle School to the YMCA. The proposed multi-use trail, including a creek crossing & traffic signal modifications will provide safe passage for students and nearby residents.

In the spring of 2006 this project was recommended for funding through the HTSSRS/TE Program. \$465,580 will be drawn from MPMS #64984 at the appropriate time.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STE		466			
CON	TOLL					
Fiscal Year Total		0	466	0	0	0
		Total FY 09-12				466

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Chester

MPMS# 77476 Kennett Pike Bikeway:

AQ Code A2
 Not SOV Capacity Bicycle/Pedestrian Improvement
 Adding Subcorr(s): 5A Kennett Township

This project will be an approximately 1.5-mi greenway along PA 52(a PAScenic 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.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STE					
Fiscal Year Total		0	0	0	0	0
		Total FY 09-12				

MPMS# 80042 PA 100 Corridor Safety Improvements

AQ Code S6
 Other
 North Coventry Township; East Nantmeal Township; South Coventry Township; West Vincent Township; Upper Uwchlan Township

PA 100 N & S Coventry, E Nantmeal, W Vincent & U Uwchlan Twps Corridor Safety Improvements. 9.36 (Miles). Companion with MPMS# 80044

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PE	HSIP	90				
Fiscal Year Total		90	0	0	0	0
		Total FY 09-12				90

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Chester

MPMS# 80049

Walker Road Bridge

AQ Code S19

Not SOV Capacity

Adding Subcorr(s):

Bridge Repair/Replacement

Tredyffrin Township

Let Date: -

Bridge Replacement

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PE	STU	168				
PE	STU		72			
PE	581		13			
PE	LOC		5			
FD	BOO		128			
FD	185		24			
FD	LOC		7			
CON	BOO			1,200		
CON	185			225		
CON	LOC			75		
FD	185				266	
CON	185				1,293	
Fiscal Year Total		168	249	1,500	1,559	0
			Total FY 09-12		3,476	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Chester

MPMS# 80050 *Pusey Mill Road Bridge*

AQ Code X

Not SOV Capacity Bridge Repair/Replacement

Adding Subcorr(s): Penn Township

Let Date: -

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 hydrolic 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.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PE	183	41				
PE	LOCAL	13				
FD	STP	144				
FD	185	27				
FD	LOC	9				
ROW	STP		52			
ROW	185		9			
ROW	LOC		3			
CON	STP			960		
CON	185			180		
CON	LOC			60		
Fiscal Year Total		234	64	1,200	0	0
			Total FY 09-12		1,498	

MPMS# 80060 *Lndn Trct O/White Cly Cr*

AQ Code S19 London Britain Twp

Not SOV Capacity Bridge Repair/Replacement

Adding Subcorr(s): London Britain Township

Let Date: -

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

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	916			360		
FD	916				74	
UTL	916				53	
ROW	916				53	
CON	916				2,250	
Fiscal Year Total		0	0	360	2,430	0
			Total FY 09-12		2,790	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Chester

MPMS# 80101 **PA 52 / Wawaset/Unionville Road South**
 AQ Code R1 Pocopson Township
 Minor SOV Capacity Intersection/Interchange Improvements
 Subcorr(s): Pocopson Township

Let Date: -

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 Pocopsin 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 engineering and right-of way at 100% local in 2007 with construction estimated in FY08 or FY09.

Funds were drawn from MPMS #76173.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STU	835				
Fiscal Year Total		835	0	0	0	0
		Total FY 09-12			835	

MPMS# 83710 **Boot Road Extension Bridge**
 AQ Code 2020M Over Brandywine Creek
 Major SOV Capacity Roadway New Capacity
 Subcorr(s): 8J Downingtown Borough

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.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	LOC	126				
UTL	LOC		200			
ROW	LOC		75			
CON	SXF			1,190		
CON	LOC			1,688		
Fiscal Year Total		126	275	2,878	0	0
		Total FY 09-12			3,279	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Chester

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

AQ Code M1 Various

Not SOV Capacity Other

Adding Subcorr(s): 8B,
8C, 8I

This project provides for the approved CMS package for Section 300 of the Route 202 Reconstruction project, and allows the transit service to run during the interim period between the completion of Section 400 and the beginning of Section 300. It includes SEPTA bus and rail services, and a parking expansion at Exton Station (see MPMS #73920). Service enhancements on the SEPTA R5 line will complement CMP efforts initiated in the Section 400 project. See MPMS #13945

This project is coordinated with MPMS 13945 (Section 300 overall design), MPMS 64493 (Section 310 bridges construction), MPMS 65613 (Section 311 bridges construction), MPMS 64494 (Section 320 construction), MPMS 64498 (Section 330 construction), MPMS 64479 (Traffic Management Systems), and MPMS 14663 (Chester Valley Trail).

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PE	STP	1,334				
PE	STP		1,360			
Fiscal Year Total		1,334	1,360	0	0	0
			Total FY 09-12		2,694	

Pennsylvania - Highway Program

Chester

MPMS# 84531 **Chester ADA Ramps**
AQ Code X Chester County
Not SOV Capacity Bicycle/Pedestrian Improvement
Adding Subcorr(s): Various

Let Date: 4/2/2009

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

Pennsylvania - Highway Program

Chester

SR 372 Main Street
From Valley Avenue to Lower Valley Road

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

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Chester

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
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

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	ECON-R	6,406				
Fiscal Year Total		6,406	0	0	0	0
			Total FY 09-12		6,406	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Chester

MPMS# 84961 **Yellow Springs Parking and Street Enhance (TCSP)**
 AQ Code A2 Historic Yellow Springs
 Streetscape

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. This program provides funding for 80% of the total cost of the project, with the applicant providing the remaining 20%.

A total of \$2,346,000 TCSP has been awarded to 8 projects selected throughout the DVRPC Pennsylvania subregion: 87937, 87938, 87941, 87942, 87939, 87940, 87310, 84961.

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.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	TCS		134			
CON	LOCAL		34			
Fiscal Year Total		0	168	0	0	0
		Total FY 09-12			168	

MPMS# 84989 **PA 100 S Pines Community Noisewalls**
 AQ Code X6 Kirkland Ave Overpass to Phoenixville Pk
 Not SOV Capacity Other
 Adding Subcorr(s): West Goshen Township

Let Date: -

This project includes the construction of southbound noisewalls on PA 100 from the existing Kirkland Avenue overpass to Phoenixville Pike in order to provide mitigation for the Pines Community in West Goshen Township.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PE	ECON	330				
FD	ECON	350				
CON	ECON		4,300			
Fiscal Year Total		680	4,300	0	0	0
		Total FY 09-12			4,980	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Chester

MPMS# 85062 **PA 252 Underpass and US 30 Intersection**
 AQ Code SDX PA 252 and US 30
 Minor SOV Capacity Intersection/Interchange Improvements
 Subcorr(s): 8k

Feasibility study and preliminary engineering to evaluate the configuration and develop alternatives for the intersection of PA 252 and US 30 and the adjacent Amtrak Underpass in Tredyffrin Township. PA 252 currently narrows from two lanes in each direction to one lane in each direction due to the narrow railroad underpass. The study will investigate the potential of widening the underpass to maintain a four lane cross section of PA 252, provide adequate turning lanes at the intersection with US 30, and provide pedestrian and bicycle facilities. These improvements will help to reduce congestion, increase safety, and improve access to transit and employment centers. Cost estimates and funding for later phases will be determined following the completion of the feasibility study. This project being planned in conjunction with the Paoli Transportation Center (MPMS #47979 and 60574).

SAFETEA DEMO #1486 - \$1,319,200

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PE	DEMO	120				
PE	LOCAL	30				
Fiscal Year Total		150	0	0	0	0
		Total FY 09-12			150	

MPMS# 86064 **Hatfield Road Bridge**
 AQ Code X over Beaver Creek
 Bridge Repair/Replacement
 East Brandywine Township

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.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PE	STP	280				
PE	183	53				
PE	LOCAL	18				
Fiscal Year Total		351	0	0	0	0
		Total FY 09-12			351	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Chester

MPMS# 86081 *US 30 Exton Bypass*

AQ Code S10

Roadway Rehabilitation
West Whiteland Township; East Caln Township

Let Date: 7/23/2009

Resurface and Base Repair, Pavement Markings, Signs, Guiderail Upgrades, Mile Post Sign Repair/Replace and SR Marker Installation

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	ECON-R	6,000				
CON	ECON-R		433			
Fiscal Year Total		6,000	433	0	0	0
		Total FY 09-12			6,433	

MPMS# 86696 *Watermark Road Bridge (CB #21)*

AQ Code X

over Muddy Run
Bridge Repair/Replacement
Upper Oxford Township

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.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PE	BOO	360				
PE	183	68				
PE	LOCAL	22				
FD	BOO				280	
FD	183				83	
FD	LOCAL				17	
Fiscal Year Total		450	0	0	380	0
		Total FY 09-12			830	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Chester

MPMS# 86698 *Osborne Road Bridge (CB #30)*
 AQ Code X over Beaver Creek
 Bridge Repair/Replacement
 Caln Township

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.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PE	BOO	96				
PE	183	18				
PE	LOCAL	6				
PE	BOO		164			
PE	183		31			
PE	LOCAL		10			
FD	BOO				64	
FD	183				12	
FD	LOCAL				4	
ROW	BOO				40	
ROW	183				8	
ROW	LOCAL				2	
Fiscal Year Total		120	205	0	130	0
		Total FY 09-12			455	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Chester

MPMS# 86872 **Rt. 202, Chester County ARRA Paving**
 AQ Code S10 Rt 202, Stanton Ave to PA 100 Bypass
 Roadway Rehabilitation

Let Date: -

This project includes mill and overlay on Route 202 from approximately 300 feet after Stanton Avenue to before the bridge structure at PA 100 Bypass in Chester County.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	ECON-R	4,700				
FD	581		17			
CON	STU		1,700			
CON	ECON-R		8,600			
CON	STP		773			
CON	NHS		637			
CON	STP			1,679		
CON	STU			2,117		
Fiscal Year Total		4,700	11,727	3,796	0	0
				Total FY 09-12	20,223	

MPMS# 87090 **New Garden Township Corridor Study (PCTI)**
 AQ Code X1 Other
 New Garden Township

This project will include a study of the Baltimore Pike and Newark Road corridors to develop a sound traffic improvement and access management plan in preparation for future development pressures along the corridor.

The role of these road corridors is critical to the existing and future transportation system of New Garden Township and Southern Chester County. Baltimore Pike serves local and regional traffic destined to/from traffic generators as an alternative to U.S. Route 1. Newark Road is a key collector road that carries traffic from PA Route 41. As development pressure increases and traffic conditions worsens along PA Route 41, Newark Road will experience increased traffic as an alternative route to/from U.S. Route 1. Therefore, it is important to develop a sound traffic improvement and access management plan for these corridors to withstand future development pressure and to preserve the function of these road corridors.

This project was awarded \$200,000 in Pennsylvania Community Transportation Initiative (PCTI) funding in May of 2009.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
STUDY	TOLL					
STUDY	STP	100				
STUDY	TOLL					
STUDY	STP		100			
Fiscal Year Total		100	100	0	0	0
				Total FY 09-12	200	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Chester

MPMS# 87092 **South Coatesville Borough Feasibility Study (PCTI)**

AQ Code X1

Other

South Coatesville Borough

Brandywine Creek Trail Feasibility Study - This project will study the feasibility of a four mile multi-use trail along Brandywine Creek, First Avenue, and Modena Road in the Borough and other municipalities .

This project was awarded \$50,000 in Pennsylvania Community Transportation Initiative (PCTI) funding in May of 2009.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
STUDY	TOLL					
STUDY	STP	50				
Fiscal Year Total		50	0	0	0	0
		Total FY 09-12			50	

MPMS# 87094 **West Bradford Township (PCTI)**

AQ Code A2

Village of Marshallton

Bicycle/Pedestrian Improvement

West Bradford Township

Marshallton Gateway Project - supports the preservation and smart development of a 250 year old village. The project creates a walkable, mixed use community along a 3/4 mile corridor. The project will create a uniform sidewalk system; establish traffic calming, welcoming gateways at the village entrances; create pedestrian crosswalks; and add roadside improvements and on-street parking through the village.

This project is located in the Village of Marshallton, West Bradford Township in Chester County. Marshallton is a linear village located along West Strasburg Road (S.R. 0162) and Sugar's Bridge Road (S.R.3059).

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PE	STP		125			
PE	TOLL					
CON	STP		1,875			
CON	TOLL					
Fiscal Year Total		0	2,000	0	0	0
		Total FY 09-12			2,000	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Chester

MPMS# 87149

Tredyffrin Sidewalks Phase I

AQ Code A2

Bicycle/Pedestrian Improvement

Tredyffrin Township

Let Date: -

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.

Under construction

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	ECON-R	2,800				
CON	ECON-R		100			
Fiscal Year Total		2,800	100	0	0	0
		Total FY 09-12			2,900	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Chester

MPMS# 87281 **Grove Road Drainage Improvements**
 AQ Code X N. of Scott Dr. to bridge over Broad Run
 Other
 West Whiteland Township

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.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PE	581		250			
FD	581			200		
UTL	581			50		
ROW	581			50		
CON	TOLL					
CON	581			1,000		
Fiscal Year Total		0	250	1,300	0	0
			Total FY 09-12		1,550	

MPMS# 87310 **Bridge over Brandywine Creek (TCSP)**
 AQ Code S19 Over East Branch of Brandywine Creek
 Bridge Repair/Replacement
 Downingtown Borough

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. This program provides funding for 80% of the total cost of the project, with the applicant providing the remaining 20%.

A total of \$2,346,000 TCSP has been awarded to 8 projects selected throughout the DVRPC Pennsylvania subregion: 87937, 87938, 87941, 87942, 87939, 87940, 87310, 87978.

TCSP funds will be used to support construction costs associated with the Bridge over Brandywine Creek (MPMS# 83710), a new \$3.5 million two-lane bridge to be constructed over the East Branch of the Brandywine Creek in Downingtown Borough, Chester County, Pennsylvania. The single-span bridge will connect two existing state routes: (1) Boot Road (SR 2020), which will be extended from its current terminus at Route 322 (SR 0322) to the east side of the Brandywine Creek and (2) Viaduct Avenue (SR 3053), which will be extended from its current terminus at Downing Avenue to the west side of the Brandywine Creek. The entire construction project, including the bridge and road extension work, is estimated at \$7.7 million. The Borough will direct federal funding toward bridge construction costs and private developer commitments to all preconstruction activity and road extension work.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	TCS		667			
CON	LOCAL		167			
Fiscal Year Total		0	834	0	0	0
			Total FY 09-12		834	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Chester

MPMS# 87939 **Valley Forge Loop Trail - Missing Link (TCSP)**
 AQ Code A2 Over Valley Creek at Valley Forge Park
 Bicycle/Pedestrian Improvement
 Tredyffrin Township

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. This program provides funding for 80% of the total cost of the project, with the applicant providing the remaining 20%.

A total of \$2,346,000 TCSP has been awarded to 8 projects selected throughout the DVRPC Pennsylvania subregion: 87937, 87938, 87941, 87942, 87939, 87940, 83710, 84961.

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.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	TCS		133			
CON	LOCAL		33			
Fiscal Year Total		0	166	0	0	0
		Total FY 09-12			166	

MPMS# 90072 **State Road Warning Devices**

AQ Code S8
 Other
 Avondale Borough

Installation of Rail Road Warning Device and surface replacement using asphalt.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	TOLL					
CON	RRX		300			
Fiscal Year Total		0	300	0	0	0
		Total FY 09-12			300	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Chester

MPMS# 90074 **Strode Avenue Grade Crossing**

AQ Code S1

Other
Valley Township

Installation of Rail Road Warning Device and rail gate installation.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	RRX		60			
CON	TOLL					
Fiscal Year Total		0	60	0	0	0
		Total FY 09-12			60	

MPMS# 90086 **South Gurensy Road Grade Crossing**

AQ Code S1

Other
West Grove Borough

Installation of Rail Road Warning Device and surface replacement using asphalt.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	RRX		160			
CON	TOLL					
CON	RRX			95		
CON	TOLL					
Fiscal Year Total		0	160	95	0	0
		Total FY 09-12			255	

MPMS# 90087 **Center Street Grade Crossing**

AQ Code S1

Other
Kennett Square Borough

Installation of Rail Road Warning Device and surface replacement using asphalt.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	RRX		300			
CON	TOLL					
Fiscal Year Total		0	300	0	0	0
		Total FY 09-12			300	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Chester

MPMS# 90089 *Rosedale Road Grade Crossing*

AQ Code S1

Other

Kennett Square Borough

Installation of Rail Road Warning Device and surface replacement using asphalt.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	TOLL					
CON	RRX		160			
CON	RRX		95			
CON	TOLL					
Fiscal Year Total		0	255	0	0	0
			Total FY 09-12		255	

Total for Chester	74,483	69,332	74,985	79,784	1,065,578
		Total FY 09-12		298,584	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Delaware

MPMS# 14767 **US 30, Lancaster Ave.(Signals)**
 AQ Code 2020M Sugartown Road to Lowry's Lane
 Minor SOV Capacity Signal/ITS Improvements
 Subcorr(s): 2C, 7B, 7C Radnor Township

Let Date: 12/18/2008

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

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

This project contains ITS elements.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	CAQ	500				
UTL	STU		950			
UTL	CAQ		25			
CON	CAQ		2,200			
Fiscal Year Total		500	3,175	0	0	0
			Total FY 09-12		3,675	

MPMS# 14822 **PA 291, Industrial Highway**
 AQ Code 2005M Chester/Trainer Line to Franklin St.
 Roadway New Capacity
 Chester City

Funds account for Accrued Unbilled Costs

Widen to 5 lanes in order to provide two travel lanes in each direction with a center turn lane, and sidewalks and parking on one side.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
UTL	STU	50				
UTL	581	12				
Fiscal Year Total		62	0	0	0	0
			Total FY 09-12		62	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Delaware

MPMS# 14823 **PA 291 Relocation**
 AQ Code R1 Franklin Street to Ridley Circle
 Roadway Rehabilitation
 Chester City

FUNDS ACCOUNT FOR ACCRUED UNBILLED COSTS

Project includes a five lane realignment.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
UTL	STU		26			
UTL	581		4			
Fiscal Year Total		0	30	0	0	0
		Total FY 09-12			30	

MPMS# 14865 **I-95, Delaware Expressway (SB)**

AQ Code 2005M At PA 352 (Edgemont Ave.)
 Roadway New Capacity
 Chester City

Funds account for Accrued Unbilled Costs

Construct a ramp from PA 352, Edgmont Ave. onto southbound I-95.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	STU	90				
FD	581	10				
Fiscal Year Total		100	0	0	0	0
		Total FY 09-12			100	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Delaware

MPMS# 14891 **Darby/Paoli Rd. (Bridge)**
 AQ Code S19 Over Little Darby Creek
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): Newtown Township

Let Date: -

This project involves replacing two bridges carrying Darby-Paoli Road over Little Darby Creek and Wigwam Run. This road segment is proposed for inclusion in the Delaware County Bicycle Plan.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PE	185	100				
PE	185		550			
FD	185		100			
UTL	185			100		
ROW	185			200		
CON	BOO					4,000
CON	185					1,000
Fiscal Year Total		100	650	300	0	5,000
		Total FY 09-12			1,050	

MPMS# 15008 **Folcroft Avenue (Bridge)**
 AQ Code 2020M Over Amtrak and SEPTA R2 Rail Line
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): Folcroft Borough; Sharon Hill Borough

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

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	BOO			1,440		
CON	183			552		
CON	LOC			184		
Fiscal Year Total		0	0	2,176	0	0
		Total FY 09-12			2,176	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Delaware

MPMS# 15183 **Station Road Bridge**
 AQ Code S19 over Chester Creek
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): Thornbury Township

Station Road over Chester Creek in Thornbury Township - Single span bridge replacement

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PE	BOO	544				
PE	183	102				
PE	Local	34				
ROW	BOO				16	
ROW	183				3	
ROW	Local				1	
Fiscal Year Total		680	0	0	20	0
			Total FY 09-12		700	

MPMS# 15185 **Old Forge Road (Bridge #209)**
 AQ Code 2010M Over Rocky Run Creek
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): 5B Middletown Township

Let Date: -

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

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	BOO	1,600				
CON	183	300				
CON	LOC	100				
Fiscal Year Total		2,000	0	0	0	0
			Total FY 09-12		2,000	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Delaware

MPMS# 15251 **US 1, Baltimore Pike**
 AQ Code R3 at PA 352, Middletown Rd.
 Minor SOV Capacity Intersection/Interchange Improvements
 Subcorr(s): 5B Middletown Township
 2030 LRP ID: 05

Let Date: -

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

This project may be suitable for ITS treatments.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	STP					400
FD	581					100
UTL	STP					400
UTL	581					100
ROW	STP					5,360
ROW	581					1,340
CON	STP					21,800
CON	581					5,450
Fiscal Year Total		0	0	0	0	34,950
		Total FY 09-12			0	

MPMS# 15298 **Township Line Road Bridge (US 1)**
 AQ Code S19 over SEPTA Route 100 Rail Line
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): 5E Haverford Township; Upper Darby Township

Let Date: -

This project includes rehabilitation of the bridge carrying S.R. 0001 (Township Line Road) over the SEPTA Norristown High Speed Line. The existing bridge is a single-span steel I-beam structure that is 62 feet long and 56 feet wide. The proposed bridge will be a prestressed concrete box beam structure that will be 61 feet wide. The existing roadway has four 11-foot lanes, two 5-foot sidewalks, two 1-foot exterior walls, and no median. The proposed roadway will have four 11-foot lanes, two 2-foot shoulders, a 6-foot right sidewalk, a 5-foot left sidewalk, two 1-foot exterior walls, and no median.
 This road segment is proposed for inclusion in the Delaware County Bicycle Plan.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	BOO	713				
CON	185	179				
CON	BOO		1,729			
CON	185		431			
CON	BOO			206		
CON	185			51		
CON	BOO				516	
CON	185				129	
Fiscal Year Total		892	2,160	257	645	0
		Total FY 09-12			3,954	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Delaware

MPMS# 15299 **Concord Road Bridge**
 AQ Code S19 over SEPTA Chester Creek Branch Line
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): 2D, Chester City
 4D, 6A

Let Date: -

The existing bridge has deteriorated significantly, is narrower than the width of the approach roadway and is functionally obsolete. Further, the bridge is posted with a nine ton weight limit so school buses and certain emergency vehicles cannot use the bridge. The existing structure will be replaced and will meet the minimum standards for a two-way city street.

The existing multi-span concrete bridge will be removed and replaced with either a new bridge of similar type and size, earth fill and a pedestrian box culvert or a prefabricated concrete arch. The new structure and roadway design will conform with current design and safety standards. Accommodations for existing utilities, such as an existing water line, must be made during design and construction. The road will be closed during construction and a vehicular detour will be required. Pedestrian access will be maintained both during and after construction.

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

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	185	500				
UTL	185	100				
ROW	185	50				
CON	BOO				1,600	
CON	185				400	
Fiscal Year Total		650	0	0	2,000	0
		Total FY 09-12			2,650	

MPMS# 15306 **Sellers Avenue Bridge**
 AQ Code S19 over Amtrak and SEPTA R2 Rail Line
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): Ridley Park Borough

Let Date: -

The superstructure of the Sellers Avenue Bridge over Amtrak will be replaced while reusing the existing stone abutments. The roadway profile is expected to be raised between three and four feet. Replacement of the bridge will required the rerouting of catenary wires and the relocation of relocation of railroad signals. Vehicular traffic will be detoured around the site but pedestrian access will be maintained using staged construction. The new bridge design will accomodate the existing utilities at this location.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	185	500				
UTL	185	100				
ROW	185	100				
CON	BOO				2,000	
CON	185				500	
Fiscal Year Total		700	0	0	2,500	0
		Total FY 09-12			3,200	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Delaware

MPMS# 15345 **PA 252, Providence Rd.**
 AQ Code 2020M Palmer's Mill Rd. to Kirk Ln.
 Major SOV Capacity Roadway New Capacity
 Subcorr(s): 5C Upper Providence Township

Let Date: -

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

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

CMP commitments include pedestrian improvements. See DVRPC's CMP 2008 Supplemental Project Status Memorandum for details

This project contains ITS elements.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	581	250				
UTL	581	250				
ROW	581	300				
CON	STP			2,505		
CON	STP				1,147	
Fiscal Year Total		800	0	2,505	1,147	0
			Total FY 09-12		4,452	

MPMS# 15396 **9th Street Bridge**
 AQ Code X Over Chester Creek
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): 2D, 4D, 6A Chester City

Let Date: -

Bridge Replacement.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	185	230				
FD	185	70				
UTL	185	50				
ROW	185	100				
CON	BOO		4,760			
CON	185		1,190			
Fiscal Year Total		450	5,950	0	0	0
			Total FY 09-12		6,400	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Delaware

MPMS# 15406 PA 452, Market Street (Bridge)
 AQ Code S19 Over Amtrak and SEPTA R-2 Rail Line
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): 4D, 6A, 8A Marcus Hook Borough; Lower Chichester Township

Let Date: -

The existing two lane bridge (built in 1925) with shoulders and 8' sidewalks will be replaced in kind. This roadway segment is proposed for inclusion in the Delaware County Bicycle Plan.

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

TOLL CREDIT

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	BOO	200				
CON	BOO	4,000				
CON	BOO		6,315			
CON	BOO			3,162		
Fiscal Year Total		4,200	6,315	3,162	0	0
		Total FY 09-12			13,677	

MPMS# 15408 US 13 Macdade Boulevard (Bridge)

AQ Code S19 Over Darby Creek
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): 6c Darby Borough

Let Date: 7/27/2006

Funds account for Accrued Unbilled Costs

The proposed project involves the replacement of the existing bridge structure carrying MacDade Boulevard over Darby Creek. The proposed bridge has been designed as a single span, prestressed concrete adjacent box beam structure with a span length of 98 feet, founded on new, reinforced concrete abutments.

The bridge will carry four (4) travel lanes and a 48-foot-wide roadway (increased from 40'-6" existing). Eight-foot (8) wide sidewalks will be provided on each side of the new bridge to replace existing pedestrian sidewalks. The project also includes improvements to the hydraulic performance of the bridge by the removal of the existing center pier.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	BOO	263				
CON	BOO	119				
CON	185	30				
CON	185	66				
Fiscal Year Total		478	0	0	0	0
		Total FY 09-12			478	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Delaware

MPMS# 15468 **Concord Road (Bridge), over Baldwin Run**
 AQ Code S19 Over Baldwin Run
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): 8A Chester Township

Let Date: -

This project consists of the replacement of the Bridge, roadway approach reconstruction is anticipated to be approx 1500 ft on both sides to accommodate a horizontal shift for staged construction.

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

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PE	185	300				
FD	916	700				
UTL	916	250				
ROW	STP	120				
ROW	185	30				
ROW	STP		220			
ROW	185		55			
CON	916			2,670		
Fiscal Year Total		1,400	275	2,670	0	0
			Total FY 09-12		4,345	

MPMS# 15479 **Chichester Ave.**
 AQ Code R1 at Meetinghouse Rd.
 Intersection/Interchange Improvements
 Upper Chichester Township

Let Date: 9/23/2004

Funds Account for Accrued Unbilled Costs

This project includes intersection realignment, turn lanes, and signal improvements.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STU	60				
CON	581	15				
Fiscal Year Total		75	0	0	0	0
			Total FY 09-12		75	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Delaware

MPMS# 36716 **Turner Avenue**
 AQ Code S8 at SEPTA
 Other
 Upper Darby Township

RR Warning Device

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	RRX	184				
Fiscal Year Total		184	0	0	0	0
		Total FY 09-12			184	

MPMS# 47147 **3rd Street , Broomall Lake Dam**
 AQ Code S2 over Broomall Lake & Trib. to Ridley Ck.
 Not SOV Capacity Other
 Adding Subcorr(s): 5C, Media Borough
 5D

Let Date: -

Rehabilitation of Broomall Lake dam carrying 3rd St., which is currently closed to traffic due to deterioration of the dam. The project also includes roadway reconstruction and stormwater management improvements.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	183	275				
CON	183				785	
CON	LOC				222	
Fiscal Year Total		275	0	0	1,007	0
		Total FY 09-12			1,282	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Delaware

MPMS# 47409 *Rt. 291/Gov. Printz Blvd./Essington (Bridge)*

AQ Code S19 Over Darby Creek
 Bridge Repair/Replacement
 Ridley Township; Tinicum Township

Let Date: -

This project is a superstructure replacement of a 5-span bridge over Darby Creek. The proposed work includes minimal reconstruction of the bridge approaches and associated drainage and pavement markings. The project will be constructed under traffic, maintaining one lane in each direction during daylight hours. The proposed bridge will have shared shoulders and bike lanes.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	916	750				
UTL	BOO	200				
UTL	185	50				
ROW	916	250				
CON	916D				4,000	
Fiscal Year Total		1,250	0	0	4,000	0
		Total FY 09-12			5,250	

MPMS# 47986 *Chester Creek Bicycle/Pedestrian Trail*

AQ Code A2 Former Chester Creek Branch Rail Line
 Not SOV Capacity Bicycle/Pedestrian Improvement
 Adding Subcorr(s): 2D, Various
 5B, 6A, 8A

Let Date: -

Phased construction of the Chester Creek Trail from the Wawa R3 train station to Upland Rd. in Chester Township. Phase I will extend from Lenni Road to Creek Road and include a paved ADA compliant trailway and associated facilities including a signage system, trailhead parking facilities, necessary bridges, etc. Phase II will extend south to the Caleb Pusey Plantation. Phase III will link with the extension of the R3 train station in Middletown Township and Chester Heights Borough to increase commuting possibilities along the corridor

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

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	LOC	425				
CON	CAQ		835			
CON	TOLL					
CON	CAQ			1,895		
CON	TOLL					
Fiscal Year Total		425	835	1,895	0	0
		Total FY 09-12			3,155	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Delaware

MPMS# 47992 **New Rd. (Crozierville Bridge)**
 AQ Code S19 over West Branch of Chester Creek
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): Aston Township

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

This project is subject to standard PENNDOT design procedures as defined in the Bicycle/Pedestrian Facilities checklist and is adjacent to the Chester Creek Trail.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	BOF*		308			
UTL	BOF*		40			
ROW	BOF*		40			
FD	BOF				308	
FD	183				57	
FD	LOC				19	
UTL	BOF				40	
UTL	183				7	
UTL	LOC				2	
ROW	BOF				40	
ROW	183				7	
ROW	LOC				2	
Fiscal Year Total		0	388	0	482	0
			Total FY 09-12		870	

MPMS# 47993 **7th St. (Bridge)**
 AQ Code S19 over Chester Creek
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): 2D, Chester City
 4D, 6A

Let Date: -

Major rehabilitation/superstructure replacement of this County-owned bridge in downtown Chester. This bridge serves SEPTA bus routes 119 and currently has a 12 ton weight limit.
 This road segment is proposed for inclusion in the Delaware County Bicycle Plan.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	BOO			2,115		
CON	185			379		
CON	LOC			132		
Fiscal Year Total		0	0	2,626	0	0
			Total FY 09-12		2,626	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Delaware

MPMS# 47994 **US 13, Chester Pike/MacDade Blvd. (DS2)**

AQ Code 2020M Morton Ave. to Wycombe Ave.
 Signal/ITS Improvements
 Various

Let Date: 5/7/2009

The project consists of the upgrade and interconnection of 37 signalized intersections along a 5.9-mile multi-lane state route to enhance motor vehicle flow along the corridor. Intersection signalization equipment will be modernized as deemed necessary. Existing traffic signal controllers will be replaced within existing right-of-way.

The entire corridor safety improvement project will be constructed in three phases:

- Phase 1- MPMS# 47990
- Phase 2 - MPMS# 47994
- Phase 3 - MPMS # 48168

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
UTL	CAQ	1,000				
CON	SXF	3,338				
CON	CAQ	1,400				
CON	CAQ		262			
Fiscal Year Total		5,738	262	0	0	0
			Total FY 09-12		6,000	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Delaware

MPMS# 48168 **Baltimore Pike Signal Project (DS3)**
 AQ Code 2020M Bishop Ave. - US 13, Church Ln.
 Minor SOV Capacity Signal/ITS Improvements
 Subcorr(s): 5E Various

Let Date: -

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

The entire corridor safety improvement project will be constructed in three phases:

- Phase 1 - MPMS# 47990
- Phase 2 - MPMS# 47994
- Phase 3 - MPMS # 48168

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

This project contains ITS elements.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	581		50			
UTL	STP		80			
UTL	581		20			
ROW	STP		640			
ROW	581		160			
CON	STP		1,100			
CON	581		275			
Fiscal Year Total		0	2,325	0	0	0
			Total FY 09-12		2,325	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Delaware

MPMS# 50520 Sidewalks and Trail
 AQ Code A2 Turner Rd./Rogers Lane/Possum Hollow Rd.
 Not SOV Capacity Bicycle/Pedestrian Improvement
 Adding Subcorr(s): 2C, Nether Providence Township
 5C

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

\$344,000 TE funds were approved during the FY 2004 project selection process, to be programmed at the appropriate time, drawing funds from MPMS #64984.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STE		344			
Fiscal Year Total		0	344	0	0	0
		Total FY 09-12			344	

MPMS# 57750 Baltimore Ave./Pike Signal Project
 AQ Code 2020M Orange St. to Grandview Ave.
 Minor SOV Capacity Signal/ITS Improvements
 Subcorr(s): 2C, 5C, 5D Media Borough; Nether Providence Township

Let Date: -

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

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

TOLL CREDIT

This project contains ITS elements.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
UTL	CMAQ		861			
CON	CMAQ		750			
CON	CMAQ			240		
CON	CMAQ				1,250	
Fiscal Year Total		0	1,611	240	1,250	0
		Total FY 09-12			3,101	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Delaware

MPMS# 57756 **State Rd. from Rt. 3, West Chester Pike**
 AQ Code 2010M to US 1, Township Line Rd.
 Signal/ITS Improvements
 Upper Darby Township

Let Date: 1/24/2008

Funds Account for Accrued Unbilled Costs

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

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	TOLL					
CON	STU	420				
CON	NHS		500			
Fiscal Year Total		420	500	0	0	0
		Total FY 09-12			920	

MPMS# 57757 **Morton Ave.**
 AQ Code R1 at Swarthmore Ave.
 Minor SOV Capacity Intersection/Interchange Improvements
 Subcorr(s): 5C Ridley Township; Rutledge Borough

Let Date: -

The project includes widening of the intersection of Morton Ave. and Swarthmore Ave. to provide proper turning radii and left turn lanes. The roadway will be widened and resurfaced at the intersections where needed. Existing Lane widths will be maintained except where widening will take place. The new lane widths at this location are 2-12 ft travel lanes, 2-2 ft shoulders and a 10 ft left turn lane. The sidewalk is intermittent through this section of Morton Ave and will be constructed to provide pedestrians with a continuous walkway from Swarthmore Ave. to Ridley High School (9th St.). Traffic Signal upgrades/replacement will take pedestrian traffic into account. There are currently no bicycle facilities and they are not proposed as part of this project. The four existing traffic signals at the intersection of Morton Ave. and Swarthmore Ave. will be replaced with new signals. The system will be traffic responsive via loop detectors. The project will comply with the Regional ITS Architecture.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
ROW	CAQ	160				
ROW	LOC	40				
CON	CAQ		820			
CON	LOC		205			
CON	CAQ				509	
CON	LOC				127	
Fiscal Year Total		200	1,025	0	636	0
		Total FY 09-12			1,861	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Delaware

MPMS# 57770 **Grant Ave. (Bridge)**
 AQ Code S19 over Muckinipates Creek
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): Glenolden Borough; Folcroft Borough

Let Date: -

The existing County-owned bridge, constructed in 1928 and posted at twelve tons, shall be completely reconstructed to improve the structural capacity of this relatively high use bridge. The new bridge will have two-lane geometry with a sidewalk similar to the existing construction. The PennDOT sufficiency rating for this bridge is 34.9. The concrete substructure is spalled with exposed and deteriorating reinforcing steel.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	BOO			1,503		
CON	185			282		
CON	LOC			93		
CON	BOO					816
CON	185					153
CON	LOC					51
Fiscal Year Total		0	0	1,878	0	1,020
		Total FY 09-12			1,878	

MPMS# 57772 **Convent Rd. (Bridge)**
 AQ Code S19 over Chester Creek
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): Aston Township

Let Date: -

The existing county owned bridge, posted at twenty tons and serving an industrial community, shall be completely reconstructed to improve structural, hydraulic and geometric deficiencies. The new bridge will have two-lane geometry with a sidewalk along one side of the bridge. The bridge shows significant scour and undermine damage to its pier. The bridge currently has a PennDOT sufficiency rating of 18.3.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	BOO		25			
FD	183		5			
FD	LOC		1			
CON	STU				768	
CON	183				145	
CON	LOC				48	
CON	STU					1,551
CON	183					291
CON	LOC					97
Fiscal Year Total		0	31	0	961	1,939
		Total FY 09-12			992	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Delaware

MPMS# 57773 **Lloyd St. (Bridge)**
 AQ Code S19 over Amtrak/SEPTA R2 rail line
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): 2D, Chester City
 4D, 6A

Let Date: -

The Lloyd Street bridge was constructed by the railroad in 1899. It must be replaced due to structural defects. It is currently posted for five tons, which is inadequate since it serves the industrial waterfront. The pedestrian walkways have been closed due to holes in the decking.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	STU		840			
FD	183		158			
FD	LOC		52			
UTL	STU				482	
UTL	STU				803	
UTL	183				151	
UTL	183				90	
UTL	LOC				50	
UTL	LOC				30	
ROW	BOO					888
ROW	183					167
ROW	LOC					55
CON	BOO					3,200
CON	183					600
CON	LOC					200
Fiscal Year Total		0	1,050	0	1,606	5,110
		Total FY 09-12				2,656

MPMS# 57778 **Concord Twp. Closed Loop System, US 1 & US 202**

AQ Code 2010M US 1 and US 202
 Signal/ITS Improvements
 Concord Township

Let Date: 8/19/2005

This project will provide for a closed loop traffic signal system of approximately 10 intersections on Route 1 from US 202 to Cheyney Road (SR 4015), and on Route 202 from State Farm Drive to Naaman's Creek Road (SR 0491). Both Route 202 and Route 1 through Concord Township carry extremely high traffic volumes. An interconnected traffic signal system would improve traffic flow along these busy corridors and would reduce congestion and vehicle emissions. Planned growth along this corridor will require the added capacity that this system will provide.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	CMAQ	200				
Fiscal Year Total		200	0	0	0	0
		Total FY 09-12				200

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Delaware

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

AQ Code 2020M Rt 322 Comm. Barry Bidge Ramps to Rt.291
 Major SOV Capacity Roadway New Capacity
 Subcorr(s): 4D, 6A, 8A Chester City
 2030 LRP ID: 51

Let Date: 12/20/2007

This project, located in Delaware County is geared at improving access to and from the City of Chester and the waterfront area from I95 and the Commodore Barry Bridge/US 322. The project will involve the partial widening of the Commodore Barry associated with the construction of a new on ramp and a new off ramp from the Commodore Barry Bridge/US 322 to S.R. 0291, Second Street, in the City of Chester. A new westbound on ramp from the intersection of S.R. 0291 & Tilghman Street to the Commodore Barry Bridge/US 322 will be provided. A new eastbound off ramp from the Commodore Barry Bridge/US 322 to S.R. 0291 & Jeffrey Street will be provided. Full depth joint replacements and bearing replacements will be constructed on the bridge through the limits of the bridge widening. Also included in the project are safety and drainage improvements, ramp lighting, guide signing upgrades and new traffic beacons at the ramp termini with S.R. 0291. Amtrak involvement in the project due to the partial widening of the Commodore Barry Bridge over Amtrak includes the relocation of two catenary structures and the jacking of a new DRPA storm drain pipe under the railroad. Recently added to this project is the inclusion of a new DELCORA storm drainage outfall pipe from the intersection of S.R. 0291 & Tilghman Streets to the Delaware River.

Seaport Drive south has already been constructed.

SAFETEA DEMO #4813, PA ID# 623 - \$1 MILLION
 SAFETEA DEMO #4735, PA ID# 545 - \$5 MILLION

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

This project may be suitable for ITS treatments.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	SXF*	1,893				
CON	NHS*	3,239				
CON	STU*		10,106			
CON	STP		2,040			
CON	581		510			
CON	STU			4,750		
CON	STU				4,572	
Fiscal Year Total		5,132	12,656	4,750	4,572	0
			Total FY 09-12		27,110	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Delaware

MPMS# 61695 **Oakland Road Corridor Easement**
 AQ Code X8 Brandywine Battlefield National
 Not SOV Capacity Bicycle/Pedestrian Improvement
 Adding Subcorr(s): 5B, Chadds Ford Township
 8A

Acquisition of historic and scenic easements along 1.3 miles of Oakland Road. This road segment is proposed for inclusion in the Delaware County Bicycle Plan.

In the spring of 200 this project was recommended for funding through the Transportation Enhancement Program. \$500,000 TE for ROW/CON will be drawn from MPMS #64984 at the appropriate time. Local contribution \$125,000.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STE					
Fiscal Year Total			0	0	0	0
		Total FY 09-12				

MPMS# 62299 **Bicyclists' Baltimore Pike**
 AQ Code X
 Bicycle/Pedestrian Improvement
 Various

An east-west route roughly parallel to Baltimore Pike comprised of the following roads: Yale Avenue (SR3019 and local), Sylvan Ave. (local), Morton Ave. (SR 2025), Mitchell Ave. (local), Franklin Ave. (local), South Ave/Providence Rd. (SR 2010), Lansdowne Ave (SR 2005), Bailey Road (local), Fern St. (local), Rose St. (local), and Longacre Blvd. (local.) (Original intended LET FY06)

This project is intended to aid bicyclists in navigating an alternative route to the heavily traveled Baltimore Pike, and to improve the service quality for bicycling along this alternative route. As determined in preliminary engineering, actions may include: bike route designation (including navigational signs), shoulder delineation, widening and reconstruction; installation of bike lanes, warning signage; replacement of drainage grates; and replacement of open swales contiguous to roadway shoulders with subsurface drainage systems.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PE	CMAQ	36				
PE	CMAQ		34			
CON	CMAQ		295			
Fiscal Year Total		36	329	0	0	0
		Total FY 09-12				365

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Delaware

MPMS# 64790 **MacDade Boulevard**
 AQ Code 2020M Ashland Avenue to Cherry Street
 Minor SOV Capacity Signal/ITS Improvements
 Subcorr(s): Collingdale Borough; Glenolden Borough

Let Date: -

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

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

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

Countdown hand/man pedestrian signal heads and pedestrian push buttons with latching confirmation light and audible confirmation will be proposed. The pedestrian interval timings will be calculated for each signalized intersection during design. Bike lanes are currently not proposed. Pedestrian accommodations are provided at the signalized intersections. Some of the intersections use standard red-yellow-green signals for pedestrians that will be replaced with universal hand/man pedestrian signal heads.

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

This project contains ITS elements.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
UTL	CAQ			250		
FD	CAQ				350	
CON	CAQ				395	
Fiscal Year Total		0	0	250	745	0
		Total FY 09-12			995	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Delaware

MPMS# 64791 **PA 420 Kedron Avenue**
 AQ Code R1 At Franklin Avenue
 Minor SOV Capacity Intersection/Interchange Improvements
 Subcorr(s): 5C Ridley Township

Existing signalization and geometry is outdated. Substandard signal head configuration and size create safety hazard. Roadway geometry not adequate for proper turn movements, especially for buses. Traffic movement is impacted by inability of buses to negotiate turns. Intersection is heavily used by both SEPTA and school buses. Proposed solution would be modernization of signals, road widening and channelization. Project would alleviate safety problems and enhance turning movements. This project is proposed for inclusion in the Delaware County Bicycle Plan.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	CAQ			500		
Fiscal Year Total		0	0	500	0	0
		Total FY 09-12		500		

MPMS# 64821 **Gradyville Road (Bridge)**
 AQ Code S19 PA 252 Newtown St. Rd. Bishop Hollow Rd.
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): 10C Newtown Township

Let Date: -

This project consists of widening and reconstructing the existing, functionally obsolete 14-foot single span steel I-beam bridge that carries Gradyville Road over Hunter Run. The proposed structure will be designed to accommodate a 28-foot wide cartway and will provide an increased hydraulic opening. The project also involves a minimal amount of approach roadway work to tie the bridge into the existing 19-foot wide roadway. Traffic safety features will be upgraded to include adequate guiderail at each bridge approach and adequate bridge deck width. Upon completion of the project, the reconstructed bridge will accommodate one travel lane in each direction on the bridge.

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

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	183	560				
CON	LOC	140				
Fiscal Year Total		700	0	0	0	0
		Total FY 09-12		700		

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Delaware

MPMS# 65127 **Chester Waterfront Development/ Streetscape**

AQ Code X9 Highland Ave. and Flower Streets

Not SOV Capacity Streetscape

Adding Subcorr(s): 4D, Chester City
6A

Let Date: -

The City of Chester has obtained a 2002 Transportation and Community System Preservation Program (TCSP) earmark award of \$495,654 for streetscape improvements and enhancements in support of a Brownfield redevelopment project (The Warf at Rivertown) along the Delaware River Waterfront between Highland Avenue and Flower Street. Streetscape improvements are proposed for Highland Avenue from 2nd Street to just west of 5th Street. The project will include replacement of existing sidewalks, new street trees, restriping of the existing roadway as well as striping of pedestrian crosswalks at several intersections. This road segment is proposed for inclusion in the Delaware County Bicycle Plan.

Federal project #E2PA02

TCSP - \$495,654

SAFETEA DEMO - PA ID #269 - \$350,000

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	SXF	350				
CON	TOLL					
CON	TCS	496				
Fiscal Year Total		846	0	0	0	0
			Total FY 09-12		846	

Pennsylvania - Highway Program

Delaware

MPMS# 65911 **Marcus Hook Streetscape**

AQ Code X9
 Not SOV Capacity Streetscape
 Adding Subcorr(s): 6A Marcus Hook Borough

The Marcus Hook Streetscape Improvement Project looks to improve the appearance of SR 0013 (Post Road / 10th Street) and SR 0452 (Market Street), improve pedestrian and bicycle traffic, rescale the highway to suit the current conditions for which the highway is used and connect the Borough to the larger East Coast Greenway.

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

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

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

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

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STE					
Fiscal Year Total			0	0	0	0
		Total FY 09-12				

MPMS# 65914 **Sharon Hill Train Station Rehabilitation**

AQ Code M8
 Not SOV Capacity Streetscape
 Adding Subcorr(s): Sharon Hill Borough

Repair and replacement of serpentine stone on the exterior of the building, installation of a new floor, replacement of panels, trim and glass, the painting and finishing of walls, ceilings and trim.

The adjacent roadway is included in the Delaware County Bicycle Plan.

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

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STE					
Fiscal Year Total			0	0	0	0
		Total FY 09-12				

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Delaware

MPMS# 68027 U. Darby Twp.(Rt 1) Closed Loop Signal

AQ Code 2020M Harding Drive to Dermond Drive
 Minor SOV Capacity Signal/ITS Improvements
 Subcorr(s): 5C, 10B, Upper Darby Township
 10C

Let Date: -

The installation of a closed loop signal system for six (6) intersections. Proposed construction includes removal of obsolete controllers, installation of new controllers, LED signal heads, pedestrian signal heads, vehicle detection, poles and mast arms, pavement markings, signage and other miscellaneous construction, for STATE ROUTE 0001, SECTION 05Q, in DELAWARE COUNTY Haverford and Upper Darby TOWNSHIPS from approximately Dermond Road to approximately Harding Drive.

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

(CMAQ ID# PA02-028) (See MPMS #48201 for other projects selected as part of the 2002 competitive Program.)

This project contains ITS elements.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	CAQ	700				
CON	CMAQ	950				
UTL	CMAQ		326			
Fiscal Year Total		1,650	326	0	0	0
		Total FY 09-12			1,976	

MPMS# 69665 South Creek Road (Bridge)

AQ Code S19 Over Brandywine Creek
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): Pennsbury Township; Chadds Ford Township

Let Date: -

SR 3101, Section DRB, South Creek Road over Brandywine Creek in Chadds Ford Township, Delaware County. The project is the replacement of an existing structurally deficient and functionally obsolete C.I.P. Reinforced Concrete Arch Deck Closed Spandrel bridge. Also included are bridge approach roadway reconstruction and minor utility relocations.

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

TOLL CREDIT

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	BOO	500				
UTL	BOO		150			
ROW	BOO		150			
CON	916					6,000
Fiscal Year Total		500	300	0	0	6,000
		Total FY 09-12			800	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Delaware

MPMS# 69816 **US 322, US 1 to Featherbed Lane**

AQ Code 2020M US 1 to Featherbed
US322: US1 TO FEATH

Major SOV Capacity Roadway New Capacity
Subcorr(s): 8A Concord Township
2030 LRP ID: 50

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

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

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

See MPMS #14747 for design funding.

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

MPMS #'s 69815, 69816, 69817, and 69818 contain construction phases for the US 322 project.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
ROW	NHS		418			
ROW	581		105			
CON	NHS					28,000
CON	581					7,000
Fiscal Year Total		0	523	0	0	35,000
		Total FY 09-12		523		

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Delaware

MPMS# 69817 US 322, Featherbed Lane to I-95 (Cherry Tree Road)
 AQ Code 2020M Featherbed Ln. to I-95
 US 322
 Major SOV Capacity Roadway New Capacity
 Subcorr(s): 8A Concord Township; Bethel Township; Upper Chichester Township
 2030 LRP ID: 50

The project involves widening and improving SR 322 to a four lane typical section with a median barrier from east of Mattson Road/Featherbed Lane near Clayton Park and the Concord Township/Bethel Township line, through Bethel Township, to just west of the CSX Bridge in Upper Chichester Township. The existing two lane section of SR 322 will be widened to 4 or 5 lanes with jughandles or exclusive left turn lanes to accommodate left turns at intersections. Between Chelsea Parkway and Cherry Tree Road a fifth center lane will accommodate left turns into and out of the adjacent commercial properties. Auxiliary right turn lanes will be provided at intersections. The existing four lane section from east of Cherry Tree Road to just west of the CSX Bridge will be improved. Intersection Improvements will include the following:

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

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

See MPMS #14747 for design funding. MPMS #'s 69815, 69816, 69817, and 69818 contain construction phases for the US 322 project.

TEA-21 DEMO 0486 - PA ID #116 - \$13,220,615

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
UTL	SXF					2,000
UTL	581					500
ROW	NHS					11,160
ROW	SXF					840
ROW	581					3,000
CON	NHS					54,400
CON	581					13,600
Fiscal Year Total		0	0	0	0	85,500
		Total FY 09-12				0

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Delaware

MPMS# 70219 **291/East Coast Greenway**
 AQ Code A2 Darby Creek to Wanamaker Avenue
 Not SOV Capacity Bicycle/Pedestrian Improvement
 Adding Subcorr(s): 4C Tincicum Township

Let Date: -

Construction of the East Coast Greenway in Tincicum Township, including approximately 3500 feet of multi-use hard surface trail on the south side of Route 291 from Darby Creek to 2nd street, amenities and signing. Also included in the project is construction of the Tincicum-Fort Mifflin trail, which is approximately 3200 feet of multi-use hard surface trail along the southerly side of Wannamaker Avenue (SR 2002), which will connect the main trail proposed through Tincicum Township to the Fort Mifflin National Park site.

This project is proposed for inclusion in the Delaware County Bicycle Plan.
TOLL CREDIT

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	TOLL					
CON	CAQ				785	
CON	CMAQ					952
CON	TOLL					
Fiscal Year Total		0	0	0	785	952
		Total FY 09-12			785	

MPMS# 70228 **MacDade Boulevard/I-476 Ramp**
 AQ Code R3 I-476 to Fairview Road
 Minor SOV Capacity Intersection/Interchange Improvements
 Subcorr(s): 2D, 6A Ridley Township

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

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
ROW	LOC		100			
CON	STP					3,200
CON	581					800
Fiscal Year Total		0	100	0	0	4,000
		Total FY 09-12			100	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Delaware

MPMS# 70229 **West Chester Pike and Market Street**
 AQ Code X9 Brief Avenue to 63rd Street
 Not SOV Capacity Roadway Rehabilitation
 Adding Subcorr(s): Upper Darby Township; Millbourne Borough

Reconstruction of street, curb, sidewalk, and storm sewer inlets. Installation of street trees, site furniture, street lights, special paving, signs, crosswalk painting, traffic signals, medians, bulb-outs, planters, flagpoles and other public improvements. The Final Design has already been completed and construction has already started on a portion of this project (from 6900 - 6500 Market St.) using \$2.37 million dollars of local match, which amounts to over 35%.
 This project provides for safety improvements and economic revitalization opportunities for this fully developed and economically distressed area. Millbourne Borough has been declared a distressed community by the State since 1993. This road segment is proposed for inclusion in the Delaware County Bicycle Plan.
TOLL CREDIT

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	LOC	100				
Fiscal Year Total		100	0	0	0	0
		Total FY 09-12		100		

MPMS# 71200 **East Coast Greenway/Industrial Heritage Highway**

AQ Code A2
 Not SOV Capacity Bicycle/Pedestrian Improvement
 Adding Subcorr(s): 4C, Tincum Township
 6B

Construction of multiuse trail, "Share The Road" signage and lane designation where appropriate along the Industrial Highway. Also included is the construction of a multiuse trail in the Tincum-Fort Mifflin Spur of the East Coast Greenway System. This project is proposed for inclusion in the Delaware County Bicycle Plan.

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

The following phase(s) will be funded locally:
 PE - \$15,5000
 FD - \$77,5000
 UTL - \$150,000

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STE					
Fiscal Year Total			0	0	0	0
		Total FY 09-12		0		

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Delaware

MPMS# 71202 **E. Coast Greenway/Chester Riverfront, Phase II**

AQ Code X12

Bicycle/Pedestrian Improvement

Chester City

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

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

The following phase(s) will be funded locally:

PE - \$20,000

FD - \$100,000

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STE					
Fiscal Year Total			0	0	0	0
		Total FY 09-12				

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

AQ Code A2

Ave. of the States; Welsh St.; E. 6th St

Not SOV Capacity

Streetscape

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

Chester City

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

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

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STE					
Fiscal Year Total			0	0	0	0
		Total FY 09-12				

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Delaware

MPMS# 74799 **Upper Darby Market St. Elevated Parking Facility**

AQ Code 20200 West Chester Pike and Bywood Road
 Not SOV Capacity Transit Improvements
 Adding Subcorr(s): 5C, Upper Darby Township
 5E, 10A, 10B

Project will provide a 325 space parking facility at the corner of Market Street and Chatham Road at the 69th Street Terminal complex which has a SEPTA surface parking lot with 183 spaces. SEPTA will be the main project sponsor.

This project received both Transit and Highway earmarks as part of SAFETEA-LU. Funds will be flexed to FTA (PA-55-0005).

\$5.5 million will be provided by Upper Darby through PA RCAP and Capital Upper Darby Funds

This project accounts for the FHWA Earmarks
 See MPMS# 87176 (FTA funds)

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	SXF	397				
CON	LOC	99				
Fiscal Year Total		496	0	0	0	0
			Total FY 09-12		496	

MPMS# 75800 **College Avenue/Septa P & W**

AQ Code S19 O/SEPTA P&W
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): 7B Haverford Township

Let Date: -

This project entails the replacement of a College Avenue (SR 1026) over SEPTA. The current bridge is on a substandard vertical curve in order to provide clearance for SEPTA. This replacement will need to be completed by 2012 to accommodate a PGA Tour stop within the project limits

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	916	1,000				
ROW	STP	160				
ROW	185	40				
CON	916	1,000				
CON	916			4,368		
Fiscal Year Total		2,200	0	4,368	0	0
			Total FY 09-12		6,568	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Delaware

MPMS# 77085 *Ruth Bennett House*

AQ Code NRS City of Chester.

Not SOV Capacity Other

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

Let Date: -

This project is for the rehab of the Ruth Bennett House in the City of Chester.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STP	142				
CON	581	800				
Fiscal Year Total		942	0	0	0	0
		Total FY 09-12			942	

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

AQ Code A2

Not SOV Capacity Bicycle/Pedestrian Improvement

Adding Subcorr(s): 5E Lansdowne Borough

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

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

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STE					
Fiscal Year Total			0	0	0	0
		Total FY 09-12				

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Delaware

MPMS# 77460 *Lincoln Avenue Renaissance Project*

AQ Code X12
 Not SOV Capacity Streetscape
 Adding Subcorr(s): Prospect Park Borough

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

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

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STE					
Fiscal Year Total		0	0	0	0	0
		Total FY 09-12				

MPMS# 77471 *Amtrak Footbridge -Rosemont and Hinckley Aves.*

AQ Code X12
 Not SOV Capacity Bicycle/Pedestrian Improvement
 Adding Subcorr(s): Ridley Park Borough

Let Date: 4/2/2009

Remedial repairs to the AMTRAK Footbridge located in Ridley Park. The work includes removal and replacement of steel treads and risers, removal and replacement of metal handrails, and replacement of concrete walk.

In the spring of 2006 this project was recommended for funding through the HTSSRS/TE Program. \$102,925 will be drawn from MPMS #64984 at the appropriate time.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	TOLL					
CON	STU	347				
CON	STE		103			
Fiscal Year Total		347	103	0	0	0
		Total FY 09-12				450

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Delaware

MPMS# 77472 **Knowles Avenue Side Walk/Underpass Project**

AQ Code A2

Bicycle/Pedestrian Improvement
Glenolden Borough

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

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

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STE			767		
CON	TOLL					
CON	STE				233	
CON	TOLL					
Fiscal Year Total		0	0	767	233	0
		Total FY 09-12			1,000	

MPMS# 77473 **Providence Road Pedestrian Project, Phase II**

AQ Code A2

Not SOV Capacity Bicycle/Pedestrian Improvement
Adding Subcorr(s): 5C Upper Providence Township

The project is phase 2 of a pedestrian sidewalk installation project on Providence Road, consists of the installation of 875' of sidewalk on Providence Road and School Lane to facilitate pedestrian and student travel.

In the spring of 2006 this project was recommended for funding through the HTSSRS/TE Program. \$125,786 will be drawn from MPMS #64984 at the appropriate time.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STE					
Fiscal Year Total			0	0	0	0
		Total FY 09-12				

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Delaware

MPMS# 79329

Bridgewater Road Extension

AQ Code 2020M Concord Road to PA 452/US 322

Major SOV Capacity Roadway New Capacity

Subcorr(s): 8A Upper Chichester Township; Chester City; Aston Township

Let Date: -

Project to extend Bridgewater Road to either SR 452 (Market Street) or US 322. This candidate project is a breakout of MPMS #15477 and 57780.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
STUDY	STU	48				
STUDY	581	12				
UTL	STU					800
UTL	581					200
ROW	STU					800
ROW	581					200
CON	STU					11,888
CON	581					297
Fiscal Year Total		60	0	0	0	14,185
		Total FY 09-12			60	

MPMS# 80051

Rosemont Avenue over Darby Creek

AQ Code X

Bridge Repair/Replacement

Upper Darby Township; Springfield Township

Bridge Replacement

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	BOO			280		
FD	185			52		
FD	LOC			17		
UTL	BOO				32	
UTL	185				6	
UTL	LOC				2	
ROW	BOO				80	
ROW	185				15	
ROW	LOC				5	
CON	BOO					2,000
CON	185					375
CON	LOC					125
Fiscal Year Total		0	0	349	140	2,500
		Total FY 09-12			489	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Delaware

MPMS# 84990 *I-476 Southbound, Avondale Springs Noisewalls*

AQ Code X6 To Be Determined

Not SOV Capacity Other

Adding Subcorr(s):

This project includes the extension of the existing southbound noisewalls on I-476 to provide mitigation for the Avondale Springs community. The limits of this project have not yet been defined.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	ECON	100				
CON	ECON		500			
Fiscal Year Total		100	500	0	0	0
			Total FY 09-12		600	

Pennsylvania - Highway Program

Delaware

MPMS# 85971 **Delaware ADA Ramps - Phase II**
AQ Code X Delaware County
Not SOV Capacity Bicycle/Pedestrian Improvement
Adding Subcorr(s): Various

Let Date: 4/2/2009

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

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

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

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

SR 3035 - Highland Avenue
Intersection of 15th Street

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

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

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

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

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

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

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

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

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

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

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

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

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

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Delaware

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

SR 2035 - Fairview Road
From Chester Pike (SR 13) to Chester Road (SR 320)

SR 2005 - Main Street, Lansdowne Avenue, Darby Road
From Cobbs Creek to Ardmore Avenue (SR 1018)

SR 1011 - East Darby Road
From Darby Road (SR 2005) to Eagle Road (SR 1005)

SR 2009 - Springfield Road
From MacDade Boulevard (SR 13) to Baltimore Avenue (SR 2016)

SR 2009 - Springfield Road
From Oak Avenue (SR 2015) to Sproul Road (SR 320)

SR 2006 - Baltimore Avenue
From Oak Avenue (SR 2015) to Church Lane (SR 13)

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	ECON-R	8,021				
Fiscal Year Total		8,021	0	0	0	0
			Total FY 09-12		8,021	

MPMS# 86368 **Mount Alverno Road Bridge (CB #9)**
AQ Code X over Chester Creek
Bridge Repair/Replacement
Aston Township; Middletown Township

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

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PE	BOO	320				
PE	183	60				
PE	LOCAL	20				
FD	BOO	280				
FD	183	53				
FD	LOCAL	17				
Fiscal Year Total		750	0	0	0	0
			Total FY 09-12		750	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Delaware

MPMS# 86370 **Tribbitt Avenue Bridge (CB #237)**
 AQ Code X Hermesprota Creek
 Bridge Repair/Replacement
 Folcroft Borough; Darby Township

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

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PE	BOO	320				
PE	183	60				
PE	LOCAL	20				
FD	BOO	280				
FD	183	53				
FD	LOCAL	17				
Fiscal Year Total		750	0	0	0	0
		Total FY 09-12		750		

MPMS# 86472 **PA 252 at Whitehorse Road**
 AQ Code R2 Newtown Street at Whitehorse Road
 Not SOV Capacity Signal/ITS Improvements
 Adding Subcorr(s): Newtown Township

Let Date: 7/16/2009

This project consists of providing signalized control at the intersection of Darby Paoli Road (S.R. 0252) and White Horse Road, located on the border of Newtown and Easttown Townships. Currently, the intersection operates under "stop" control for White Horse Road, with Darby Paoli Road running free. The traffic signal that has been designed for this intersection will include emergency pre-emption equipment to allow for emergency vehicles to receive priority control through the intersection, and a video detection system that will maximize the green time for the high volume Darby Paoli Road approaches.

This project contains ITS elements.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	ECON-R	149				
Fiscal Year Total		149	0	0	0	0
		Total FY 09-12		149		

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Delaware

MPMS# 86474 **Brookhaven ADA Ramps**
 AQ Code A2 Various
 Not SOV Capacity Bicycle/Pedestrian Improvement
 Adding Subcorr(s): Brookhaven Borough

Let Date: 6/11/2009

This project is installing ADA compliant curb cut ramps in the Borough of Brookhaven in Delaware County. Content Sensitive Solutions will be implemented as required. Ramps will be installed in the following locations: Brookhaven Road & S. Gray Street; Brookhaven Road & N. Gray Street; Brookhaven Road & Chandler Drive; Brookhaven Road & Woodland Avenue; Brookhaven Road & Mt. Vernon Avenue; Brookhaven Road & Burk Avenue; Brookhaven Road & Barlow Avenue; Bridgewater Road & Trimble Boulevard

Under construction

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	ECON-R	432				
CON	STP		50			
Fiscal Year Total		432	50	0	0	0
		Total FY 09-12			482	

MPMS# 86478 **Delaware Traffic Signal Upgrade**
 AQ Code R2 Darby, Brookhaven, and Norwood Boroughs
 Not SOV Capacity Signal/ITS Improvements
 Adding Subcorr(s): Darby Borough; Norwood Borough; Brookhaven Borough

Let Date: 7/9/2009

This project involves the upgrade of vehicular traffic signal heads to replace incandescent bulbs with LED modules at all signaled intersections along Edgmont Avenue and at the Bridgewater Rd./W. Brookhaven Rd./Chester Creek Rd. intersection. In addition to being more visible, LEDs last longer and use less energy. Upgrade to LEDs will occur at the following intersections: Duttons Mill Rd./Edgmont Ave, Whiteley/Edgmont Ave, Cambridge Rd./Coebourn Blvd./Edgmont Ave, Brookhaven Rd./Edgmont Ave, Trimble Blvd./Edgmont Ave, Upland Rd./Edgmont Ave (includes upgrade of existing pedestrian signals to LED), and Bridgewater Rd./W. Brookhaven Rd./Chester Creek Rd.

This project also involves the installation of assemblies for the control and illumination of pedestrian signals (including pedestrian push buttons and associated signage) at the following intersections in order to improve safety and access for pedestrians: Whiteley/Edgmont Ave, Cambridge Rd./Coebourn Blvd./Edgmont Ave, Brookhaven Rd./Edgmont Ave, and Trimble Blvd./Edgmont Ave.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	ECON-R	234				
Fiscal Year Total		234	0	0	0	0
		Total FY 09-12			234	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Delaware

MPMS# 87102 **Millbourne Borough Improvements Study (PCTI)**

AQ Code X1

Other

Millbourne Borough

Millbourne Borough Train Station Area Improvements project - This project will study and plan multi-modal transportation improvements near the Millbourne train station.

This project was awarded \$35,000 in Pennsylvania Community Transportation Initiative (PCTI) funding in May of 2009.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
STUDY	TOLL					
STUDY	STP	35				
Fiscal Year Total		35	0	0	0	0
		Total FY 09-12			35	

MPMS# 87109 **Swarthmore Borough Ped/Access Upgrade (SRTS)**

AQ Code A2

Princeton Avenue

Bicycle/Pedestrian Improvement

Swarthmore Borough

The Borough of Swarthmore will receive \$662,270 for safety and accessibility upgrades to the Princeton Avenue underpass, the main pedestrian link between the southern portion of the borough and the local elementary school.

All improvements will occur within the existing tunnel and adjacent public sidewalk and street, which are located within a quarter mile of SRS. No additional right of way is required, and train operations will not be affected.

Proposed improvements include removing and replacing existing steps with ADA-compliant sidewalk ramps; extension of the northern ramp for approximately 100 feet within the unopened right-of-way of Princeton Ave; extension of the two 62' switchbacks of the southern ramp to the west of the underpass along Myers Ave; installation of new stairs to allow for more convenient access; removing and replacing lighting with continuous indirect lighting along the eastern wall; removing and replacing the existing floor, and installing new french drains on either side.

This project was awarded \$662,270 in Safe Routes to School (SRTS) funding in May of 2009.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	SRTS	662				
Fiscal Year Total		662	0	0	0	0
		Total FY 09-12			662	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Delaware

MPMS# 87119 *Nether Providence Township Sidewalks (SRTS)*

AQ Code A2 Wallingford Avenue
 Bicycle/Pedestrian Improvement
 Nether Providence Township

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

Improvements include constructing new sidewalks on 3,075 l.f. feet of Copples Lane and 4,425 l.f. of Wallingford Avenue (SR 3024), both designated Hazardous Walking Routes by PennDOT per March 2005 DVRPC Study; upgrading the inadequate sidewalk along 4,425 l.f. of Providence Road (SR 0252) so as to interconnect the Copples Lane and Wallingford Avenue sidewalks. This will delete Copples Lane and Wallingford Avenue from the Hazard Route list.

As the overall project is estimated to cost \$1,015,000, the project will be phased with Providence Road being first priority, Copples Lane being the second priority and Wallingford Avenue being a close third priority. This project was awarded \$304,500 in Safe Routes to School (SRTS) funding in May of 2009.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	SRTS	304				
Fiscal Year Total		304	0	0	0	0
		Total FY 09-12			304	

MPMS# 87120 *Upper Darby Township Sidewalks (SRTS)*

AQ Code A2 Bicycle/Pedestrian Improvement
 Upper Darby Township

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

Improvements include construction of sidewalks along the west side of Township Line Road (TRL) to commence at Pilgrim Lane to the convergence of TLR and State Road (SR); construction of 6 curb cuts for ramps at the west side of TLR at both corners of Bella Vista Road (BVR), 2 on the north corner of BVR and 4 at the south corner of BVR (Includes Crosswalk for Pedestrians); installation of guard railing along the west side of TLR from the north corner of BVR to the south corner of BVR; installation of 140 linear feet (l.f.) of retaining wall along west side of TLR within the north & south corners of BVR; construction of sidewalks along the north side of SR from Terwood Rd. to the convergence of TLR and SR.; construction of 300 l.f. of retaining wall on north side of SR within Terwood Rd. to the convergence of TLR and SR.; construction of 3 curb cuts for ramps at the north side of SR, 1 on west corner of Terwood Rd., and 2 at Creek.

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

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	SRTS	242				
Fiscal Year Total		242	0	0	0	0
		Total FY 09-12			242	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Delaware

MPMS# 87148 *Delaware County ARRA Phase II/Edgemont Paving*

AQ Code S10

Roadway Rehabilitation
Edgemont Township

Let Date: 9/3/2009

This project includes milling and base repair on Valley Road, PA 352, and Brick House Farm Road in Edgemont Township.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	ECON-R	200				
Fiscal Year Total		200	0	0	0	0
		Total FY 09-12		200		

MPMS# 87940 *Pedestrian and School Children Safety (TCSP)*

AQ Code A2

Paxon Hollow Rd from PHMS to Sarah's Way
Bicycle/Pedestrian Improvement
Marple Township

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. This program provides funding for 80% of the total cost of the project, with the applicant providing the remaining 20%.

A total of \$2,346,000 TCSP has been awarded to 8 projects selected throughout the DVRPC Pennsylvania subregion: 87937, 87938, 87941, 87942, 87939, 87940, 83710, 84961.

The project will provide for the installation of approximately 1500 linear feet of infill sidewalk and 600 square feet of curbing along Paxon Hollow Road from the Paxon Hollow Middle School to Sarah's Way. This stretch of the northeast side of Paxon Hollow road currently contains several areas without sidewalks and any pedestrian navigation of must occur in the street. As a result, pedestrian travel is limited and in most cases discouraged. The project also includes 8 new handicapped ramps and signage. New crosswalks will be installed not only to provide a continued safe access along the Northeast side of Paxon hollow Road but also new crosswalks to provide controlled travel from the southeast side of the street. The project also proposes pedestrian crossing signals to warn motorists of the established intersection crossings. The goal of this project is to provide safe access for school children and pedestrians along Paxon Hollow Road (SR1022) from the adjoining residential neighborhoods which contain approximately 203 residential properties and will provide direct access to the school which will allow children to walk to and from school and reduce the need for utilizing a motor vehicle as transportation to the school.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	TCS		178			
CON	LOCAL		44			
Fiscal Year Total		0	222	0	0	0
		Total FY 09-12		222		

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Delaware

MPMS# 90473 *Highland Avenue Grade Crossing*

AQ Code S1

Other

Chester City

This rail crossing improvement is part of the Chester Waterfront Rail Redevelopment project, and will include pavement repair, the upgrade to gates and flashers, pedestrian gates and access points, and curbing and roadway markings.

Project is funded with Statewide Discretionary Economic Development funds

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	TOLL					
CON	ECON		310			
Fiscal Year Total		0	310	0	0	0
		Total FY 09-12		310		

MPMS# 90477 *Flower Street Grade Crossing*

AQ Code S1

Other

Chester City

This rail crossing improvement is part of the Chester Waterfront Rail Redevelopment project, and will include pavement repair, the upgrade to gates and flashers, pedestrian gates and access points, and curbing and roadway markings.

Project is funded with Statewide Discretionary Economic Development funds

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	TOLL					
CON	ECON		300			
Fiscal Year Total		0	300	0	0	0
		Total FY 09-12		300		

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Delaware

MPMS# 90478 *Norris Street (1) Grade Crossing*

AQ Code S1

Other
Chester City

This rail crossing improvement is part of the Chester Waterfront Rail Redevelopment project, and will include pavement repair, the upgrade to gates and flashers, pedestrian gates and access points, and curbing and roadway markings.

Project is funded with Statewide Discretionary Economic Development funds

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	TOLL					
CON	ECON		269			
Fiscal Year Total		0	269	0	0	0
		Total FY 09-12		269		

MPMS# 90480 *Norris Street (2) Grade Crossing*

AQ Code S1

Other
Chester City

This rail crossing improvement is part of the Chester Waterfront Rail Redevelopment project, and will include pavement repair, the upgrade to gates and flashers, pedestrian gates and access points, and curbing and roadway markings.

Project is funded with Statewide Discretionary Economic Development funds

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	TOLL					
CON	ECON		344			
Fiscal Year Total		0	344	0	0	0
		Total FY 09-12		344		

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Delaware

MPMS# 90620 *Townsend Avenue Grade Crossing*

AQ Code S1

Other

Chester City

This rail crossing improvement is part of the Chester Waterfront Rail Redevelopment project, and will include pavement repair, the upgrade to gates and flashers, pedestrian gates and access points, and curbing and roadway markings.

Project is funded with Statewide Discretionary Economic Development funds

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	TOLL					
CON	ECON		277			
Fiscal Year Total		0	277	0	0	0
		Total FY 09-12		277		

Total for Delaware	46,667	43,535	28,693	22,729	196,156
		Total FY 09-12		141,624	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

DRPA

MPMS# 88087 **PATCO Station Improvement**
 AQ Code M8 at Locust/9th/10th Streets
 Transit Improvements
 Various

This project provides for PATCO station improvements in Philadelphia. Elevators will be constructed at Locust/9th/10th Street Station to provide access to nearby hospitals including Thomas Jefferson University Hospital, Pennsylvania Hospital, Will's Eye, and others.

This project is funded by a 2009 Appropriations Bill - High Priority (HPP) earmark ID# 2009-BUSP-764 PA

PATCO Station Improvements are also funded by a FY2010 NJ TIP Project: DB# D906, Install Elevators

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	DRPA		190			
CON	HPP		760			
Fiscal Year Total		0	950	0	0	0
		Total FY 09-12		950		

Total for DRPA	0	950	0	0	0
	Total FY 09-12		950		

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Montgomery

MPMS# 15698 **Mill Road Bridge**
 AQ Code S19 over Skippack Creek
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): 11A Skippack Township

Let Date: -

Bridge Replacement/Removal.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
UTL	185	30				
CON	BND		1,869			
Fiscal Year Total		30	1,869	0	0	0
		Total FY 09-12			1,899	

MPMS# 15769 **Limekiln Pike Bridge**
 AQ Code S19 Over Little Neshaminy Creek
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): 8G Horsham Township; Montgomery Township

Let Date: -

The proposed project is the replacement of the two span stone arch carrying SR 0152 over Neshaminy Creek. The project is located in rural Montgomery County. The project area is relatively flat/slightly rolling terrain and local land use is primarily residential and light commercial. An orchard is located northeast of the bridge and a private soccer field is located to the east. Neshaminy Creek flows southeast through the project area.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
UTL	916	100				
ROW	916	500				
CON	916D			4,355		
Fiscal Year Total		600	0	4,355	0	0
		Total FY 09-12			4,955	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Montgomery

MPMS# 15793 **Salfordville Road (Bridge)**
 AQ Code S19 Over East Branch of Perkiomen Creek
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): Lower Salford Township

Let Date: -

The project is the replacement of the SR 1017 Section 86S bridge carrying Salfordville Road over the Perkiomen Creek with no shoulders with a two lane bridge with shoulders and improve the horizontal alignment by relocating the bridge and tying it in to the Groff's Mill Rd. The existing bridge is a 4-span encased I-beam bridge carrying one lane in each direction. The project will consist of preliminary engineering, final design and construction services. The CE/4f approval was granted for this bridge in July 2003. Commitments from the CE will need to be incorporated into the proposed project.

The three-span, steel girder bridge was built in 1933 and is posted with a weight limit of three tons. It is 270 feet long and 28 feet wide. The structural carries 221 vehicles a day. Bridge closed in December 2008

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PE	185	200				
FD	185	350				
UTL	185	50				
ROW	185	400				
CON	185			2,283		
Fiscal Year Total		1,000	0	2,283	0	0
		Total FY 09-12			3,283	

MPMS# 16085 **PA 29 over Hosensack Creek (Bridge)**
 AQ Code S19 over Hosensack Creek
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): Upper Hanover Township

Let Date: -

Remove and replace the existing bridge. Reconstruct approach roadway as required. Project should be under construction at the same time as MPMS #16086 (PA 29 Gravel Pike over a tributary of the Perkiomen Creek).

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	185	150				
UTL	185		20			
ROW	185		100			
CON	185					1,500
Fiscal Year Total		150	120	0	0	1,500
		Total FY 09-12			270	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Montgomery

MPMS# 16086 **PA 29 Gravel Pike (Bridge)**
 AQ Code S19 over Branch of Perkiomen Creek
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): Upper Hanover Township

Let Date: -

Remove the existing bridge and construct a new Con-Span Arch bridge. Reconstruct approach roadway as required. Project should be under construction at the same time as MPMS #16085 (PA 29 Gravel Pike over Hosensack Creek).

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
UTL	BOO			9		
UTL	185			3		
ROW	BOO			82		
ROW	185			21		
CON	BOO				600	
CON	185				150	
Fiscal Year Total		0	0	115	750	0
		Total FY 09-12			865	

MPMS# 16097 **Graterford Road Bridge**
 AQ Code S19 Over Perkiomen Creek
 Bridge Repair/Replacement

Let Date: -

Replace bridge

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PE	916	273				
FD	916	272				
CON	916					3,256
Fiscal Year Total		545	0	0	0	3,256
		Total FY 09-12			545	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Montgomery

MPMS# 16098 **Spring Mount Road (Bridge)**
 AQ Code S19 Over Perkiomen Creek
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): Lower Frederick Township

Let Date: 7/24/2009

This 18' wide bridge built in 1869 will be replaced with a 28' wide bridge with two 11' lanes and 3' shoulders. A multi-use lane for the Perkiomen Trail will be constructed as part of the new bridge. Reconstruct approach roadway as required. Was not eligible for special bridge design DEMO funds in 2003.

Under construction

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	BND	3,437				
CON	BND		2,000			
Fiscal Year Total		3,437	2,000	0	0	0
		Total FY 09-12		5,437		

MPMS# 16099 **Camp Road (Bridge)**
 AQ Code S19 Over East Branch of Perkiomen Creek
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): Franconia Township; Salford Township

Let Date: -

Replace the existing two lane bridge with no shoulders with a two lane bridge with shoulders and make a minor horizontal realignment to the S-curve. The existing bridge is a five-span arch carrying one lane of traffic in each direction. The project will consist of preliminary engineering, final design and construction services. The CE/4f approval was granted for this bridge in April 2003. Commitments from the CE will need to be incorporated into the proposed project.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PE	185	250				
ROW	185	100				
FD	185		650			
UTL	185		100			
CON	BOF					2,180
CON	185					545
Fiscal Year Total		350	750	0	0	2,725
		Total FY 09-12		1,100		

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Montgomery

MPMS# 16150 **Tookany Parkway/Creek (Bridge)**
 AQ Code S19 Over Tookany Creek
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): 5G Cheltenham Township

Let Date: -

In Cheltenham Township, east of Jenkintown, replace the Tookany Creek Parkway bridge over the tributary of the Tookany Creek. (Bridge Bill 2)

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	183	40				
FD	LOC	10				
UTL	183			80		
UTL	LOC			20		
CON	BOO				1,526	
CON	183				286	
CON	LOC				95	
Fiscal Year Total		50	0	100	1,907	0
		Total FY 09-12			2,057	

MPMS# 16155 **Church Road (Bridge) over R5**
 AQ Code S19 Amtrak and SEPTA R5 Rail Line
 Bridge Repair/Replacement
 Lower Merion Township

The existing 18' wide bridge with no shoulders will be replaced with a 24' wide bridge with two 10' lanes and sidewalks.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
ROW	183	188				
ROW	LOCAL	47				
Fiscal Year Total		235	0	0	0	0
		Total FY 09-12			235	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Montgomery

MPMS# 16176 **Colonial Road (Bridge)**
 AQ Code S19 Over Swamp Creek
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): Upper Frederick Township

The existing 16' wide bridge currently has a 3 ton weight restriction. The new bridge will be 24' wide, with two lanes and minimal shoulders.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PE	BOF		11			
PE	183		2			
PE	LOCAL		1			
Fiscal Year Total		0	14	0	0	0
		Total FY 09-12			14	

MPMS# 16180 **Merion Avenue (Bridge)**
 AQ Code S19 Over Amtrak and SEPTA R5 Rail Lines
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): Lower Merion Township

The existing two lane bridge with sidewalk on one side will be replaced. Sidewalks will be included on both sides of the bridge and the approaches will be raised to slightly reduce the hump.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
ROW	183	202				
ROW	LOCAL	51				
Fiscal Year Total		253	0	0	0	0
		Total FY 09-12			253	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Montgomery

MPMS# 16190 **US 202, Dekalb Pike (Bridge)**
 AQ Code S19 over Norfolk Southern Railroad
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): 8E, Bridgeport Borough
 9B

Bridge Replacement. (Will include a bike path)

TOLL CREDIT

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	BOO	225				
FD	185	57				
UTL	BOO	71				
UTL	185	18				
ROW	BOO	140				
ROW	185	34				
CON	TOLL					
CON	BOO	300				
CON	TOLL					
CON	BOO		838			
Fiscal Year Total		845	838	0	0	0
		Total FY 09-12			1,683	

MPMS# 16191 **Elm Street (Bridge)**
 AQ Code S19 over Railroad, CC Trail and Plymouth Cr
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): 2B Conshohocken Borough

Let Date: -

Remove existing superstructure and replace. Reconstruct approach roadway as required.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	BOO		1,360			
CON	185		340			
Fiscal Year Total		0	1,700	0	0	0
		Total FY 09-12			1,700	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Montgomery

MPMS# 16194 **High Street Bridge**
 AQ Code S19 Over Manatawny Creek
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): Pottstown Borough

Let Date: -

This bridge replacement project is located on Ridge Pike (S.R. 4031) between PA 100 and Manatawny Street in Pottstown Borough, Montgomery County, Pennsylvania (see attached project location map). The existing bridge carries High Street over Manatawny Creek which flows in a southerly direction into the Schuylkill River. The 165'-long and 51'-wide, 4 span bridge is composed of 3, 45' long built-up deck girder spans and a 28' elliptical-shaped, reinforced concrete deck arch span that is finished with ashlar spandrel walls. The substructure is composed of both stone and concrete piers and abutments. Metal lattice railings finish the bridge. The existing bridge was built in 1908.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PE	BOO		27			
PE	185		7			
FD	916		385			
UTL	916			225		
ROW	916			275		
CON	916			3,880		
Fiscal Year Total		0	419	4,380	0	0
			Total FY 09-12		4,799	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Montgomery

MPMS# 16197 **Greenwood Avenue (Bridge)**
 AQ Code S19 Over SEPTA Mainline Commuter Rail
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): 14B Cheltenham Township; Jenkintown Borough

Let Date: -

The purpose of this project is to replace the existing bridge due to structural deficiencies over SEPTA's R2, R3 & R5 mainlines.

The project involves a complete replacement of the Greenwood Ave. Bridge over SEPTA, a three lane bridge with sidewalk on one side and tying into the adjacent intersection and SEPTA driveways.

The new structural design must accommodate the present abutment. A wingwall connection to the roadway retaining walls is also needed. The reconstruction also includes placing scourprotection for the Greenwood Ave. over the Tacony Creek Structure. The underlying areas of the concrete bridge abutments will be addressed by placing scour protection around the structure at the creek. Project should be under construction at the same time as MPMS #16086 (PA 29 Gravel Pike over a tributary of the Perkiomen Creek).

The existing structure only has one sidewalk with three lanes; the replacement will have 2 sidewalks, 2 travel lanes, and one turning lane

A second stone arch bridge over the creek was originally included in this project and has been repaired by PennDOT.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	916	223				
FD	916		30			
CON	916			2,027		
CON	916				4,000	
Fiscal Year Total		223	30	2,027	4,000	0
			Total FY 09-12		6,280	

MPMS# 16211 **I-76 Ramps Phase 3, Henderson/Gulph Rds. Widening**

AQ Code 2020M S. Gulph Rd.: PA 320/Trinity-S Henderson
 Major SOV Capacity Roadway New Capacity
 Subcorr(s): 1A, 3C, 9B Upper Merion Township
 2030 LRP ID: 54

Let Date: -

This Phase III project includes widening and intersection improvements along South Gulph Road from PA 320/Trinity Lane to South Henderson Road. The third phase of three construction projects (also see MPMS #'s 48187 and 68064), note that final design for all three projects is included in MPMS #48187.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
UTL	STP					160
UTL	581					40
ROW	STP					400
ROW	581					100
CON	STP					5,981
CON	581					1,495
Fiscal Year Total		0	0	0	0	8,176
			Total FY 09-12		0	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Montgomery

MPMS# 16216 **Pennswood Road (Bridge)**
 AQ Code S19 Over Amtrak and SEPTA R5 Rail Lines
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): 7B Lower Merion Township

Let Date: -

Replacement of the existing structure carrying Pennswood Road over Amtrak. It is anticipated that traffic will be detoured during construction. There will be minimal roadway approach work. The existing conditions include 2 – 12' travel lanes and sidewalks on both sides. The proposed conditions include 2 – 14'-6" lanes and 5' sidewalks on both sides.
 Sufficiency Rating: 26.0

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
ROW	BOO	160				
UTL	185		1,600			
FD	BOO			370		
FD	185			70		
FD	LOC			22		
ROW	BOO			165		
ROW	185			31		
ROW	LOC			10		
CON	BOF					5,120
CON	183					960
CON	LOC					320
Fiscal Year Total		160	1,600	668	0	6,400
			Total FY 09-12		2,428	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Montgomery

MPMS# 16218 **Stanbridge Street (Bridge)**
 AQ Code S19 Norristown Farm Park
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): 8F, East Norriton Township
 9B

The purpose of this project is to replace the existing Stanbridge Street Bridge with a new structure that meets current safety and design standards. Due to structural deficiency of the bridge, the bridge has been closed to all vehicular traffic since December 2002, but remains open to pedestrian traffic. Replacement of the Stanbridge Street Bridge will provide vehicular access to the southeastern portion of Norristown Farm Park. Future plans of Norristown Farm Park includes a visitor center and 100-space parking lot in the southeastern portion of the park, which would be accessible by the Stanbridge Street entrance. The proposed structure will carry one lane of traffic in each direction, and a sidewalk on one side will be provided for pedestrian travel. The Norristown Farm Park Superintendent has requested that the existing bridge remain open to pedestrians during construction. The replacement design will attempt to accommodate this request by aligning the new bridge to the east (right) of the existing bridge. A new alignment shifted to the east will provide a more desirable alignment with Stanbridge Street. There are four bridges in the park that belong to DCNR to be repaired/replaced (See MPMS #16630, 16631, and 16632.) The park's master plan includes plans to develop an environmental education center in the park and this bridge would provide access to the proposed parking lot.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	BOF	120				
FD	183	23				
FD	OTH	8				
UTL	BOF		640			
UTL	183		120			
UTL	OTH		40			
CON	BOF					2,340
CON	183					438
CON	LOC					146
Fiscal Year Total		151	800	0	0	2,924
			Total FY 09-12		951	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Montgomery

MPMS# 16237 **Conshohocken Road (2 Bridges)**
 AQ Code S19 Over Industrial Track
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): Plymouth Township

Let Date: 12/23/2008

This project involves the complete replacement of two bridges carrying Conshohocken Road over Mittal Steel USA Railways in Plymouth Township, Montgomery County. There are two single span structures that are separated by approximately 450 feet and are adjacent to the ArcelorMittal Plate LLC Steel facility. The proposed structures will carry two 12' travel lanes and 12' shoulders (48 feet total width curb-to-curb). The project also involves minor approach roadway widening as well as roadway work between the two structures including three retaining walls, guiderail upgrades, minor drainage improvements, minor railroad realignments and coordinated utility relocations. Both existing structures are structurally deficient and currently weight restricted to 15 tons for standard trucks and 24 tons for tractor trailers. Both bridges are in immediate need of replacement. Traffic will be detoured during construction.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	916	12,656				
Fiscal Year Total		12,656	0	0	0	0
		Total FY 09-12			12,656	

MPMS# 16248 **Union Avenue (Bridge)**
 AQ Code S19 Over SEPTA R6, Cynwyd Rail Line
 Bridge Repair/Replacement
 Lower Merion Township

Let Date: -

Replace narrow two lane bridge. New bridge will include two 5 foot wide sidewalks.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	183	20				
FD	LOCAL	5				
UTL	183	140				
CON	BOF		1,744			
CON	183		327			
CON	LOC		109			
CON	BOF			3,056		
CON	183			573		
CON	LOC			191		
Fiscal Year Total		165	2,180	3,820	0	0
		Total FY 09-12			6,165	

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Final Version

Pennsylvania - Highway Program

Montgomery

MPMS# 16334 **PA 73, Church Road**
 AQ Code 2020M Greenwood Ave. to Rice's Mill Road
 Minor SOV Capacity Intersection/Interchange Improvements
 Subcorr(s): 14B Cheltenham Township

This project involves the addition of turn lanes at the intersections of PA 73 (Church Road) and Greenwood Avenue and PA 73 and Rices Mill Road. Interconnect the traffic signals and add left turn lanes on the PA 73 approaches to Greenwood Ave. and on eastbound PA 73 at Rice's Mill Rd. Provide right turn lanes on the Greenwood Avenue approaches to PA 73. TOLL CREDIT

This project contains ITS elements.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PE	STP					375
PE	581					125
ROW	NHS					500
ROW	TOLL					
CON	NHS					2,000
CON	TOLL					
Fiscal Year Total		0	0	0	0	3,000
		Total FY 09-12			0	

MPMS# 16376 **Morris Road**
 AQ Code R1 At North Wales Road
 Minor SOV Capacity Intersection/Interchange Improvements
 Subcorr(s): 8F Worcester Township; Whitpain Township

Let Date: -

This project involves aligning the intersection of North Wales Rd. with Morris Rd., installing a traffic signal, and providing left turn lanes on all intersection approaches.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
UTL	STP	160				
UTL	581	40				
CON	STU	1,440				
CON	581	360				
Fiscal Year Total		2,000	0	0	0	0
		Total FY 09-12			2,000	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Montgomery

MPMS# 16382 **PA 29 Intersections**
 AQ Code 2010M at 1st Ave. and 2nd Ave.
 Minor SOV Capacity Intersection/Interchange Improvements
 Subcorr(s): 9A, 11A Collegeville Borough

FUNDS ACCOUNT FOR ACCRUED UNBILLED COSTS

Relocate intersection of Main St./1st Ave; provide turn lanes on Main St., 1st Ave., and 2nd Ave.; and interconnect signals.

This project contains ITS elements.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	STU		39			
FD	581		10			
ROW	STU		500			
ROW	581		125			
CON	STU		120			
CON	581		30			
Fiscal Year Total		0	824	0	0	0
		Total FY 09-12		824		

MPMS# 16396 **Church Rd. (Bridge) over Norristown High Speed Ln**

AQ Code S19 over SEPTA Route 100
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): 1A, 9B Upper Merion Township

Let Date: -

This project consists of the replacement of the Church Road Bridge and approaches over the SEPTA Route 100 rail line (Norristown High Speed Line) in Upper Merion Township. The project includes widening of the bridge to meet current design standards for a two lane roadway with a pedestrian sidewalk on one side.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
UTL	BOO		400			
UTL	183		75			
UTL	LOC		25			
CON	BOO			654		
CON	183			201		
CON	LOC			47		
Fiscal Year Total		0	500	902	0	0
		Total FY 09-12		1,402		

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Montgomery

MPMS# 16400 **Arcola Road Bridge**
 AQ Code S19 Over Perkiomen Creek
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): 9A Lower Providence Township; Upper Providence Township

Let Date: -

The existing bridge (12 ton limit) is 26' wide with sidewalk on the south side. The new bridge will be two lanes, width to be determined, with sidewalk on at least one side. Reference MPMS# 16400.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	BOO	400				
FD	183	75				
FD	LOC	25				
UTL	BOO	40				
UTL	183	7				
UTL	LOC	2				
ROW	BOO		160			
ROW	183		30			
ROW	LOC		10			
CON	BOO					1,600
CON	183					300
CON	LOC					100
Fiscal Year Total		549	200	0	0	2,000
			Total FY 09-12		749	

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Final Version

Pennsylvania - Highway Program

Montgomery

MPMS# 16401 *Freeman School Rd. (Bridge)*
 AQ Code S19 over East Branch of Perkiomen Creek
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): Lower Salford Township

Let Date: -

Bridge Replacement.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	BOF	141				
CON	BOO	566				
CON	183	27				
CON	183	106				
CON	LOC	5				
CON	BOO		1,289			
CON	183		242			
CON	LOCAL		81			
CON	BOO			573		
CON	183			107		
CON	LOCAL			36		
Fiscal Year Total		845	1,612	716	0	0
			Total FY 09-12		3,173	

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Final Version

Pennsylvania - Highway Program

Montgomery

MPMS# 16408 *Fruitville Rd. (Bridge #232)*
 AQ Code S19 Over Perkiomen Creek
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): Upper Hanover Township

Let Date: -

The existing bridge will be maintained by Upper Hanover Township for recreational use. The new bridge will be constructed on a different alignment (location to be determined) and will have two lanes with shoulders.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	BOF	437				
FD	183	82				
FD	LOC	27				
UTL	BOF		44			
UTL	183		8			
UTL	LOC		3			
ROW	BOF		44			
ROW	183		8			
ROW	LOC		3			
CON	BOF					2,738
CON	183					513
CON	LOC					171
Fiscal Year Total		546	110	0	0	3,422
		Total FY 09-12		656		

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Montgomery

MPMS# 16433 **PA Avenue at Camp Hill Road**
 AQ Code R2 at Camp Hill Road
 Minor SOV Capacity Intersection/Interchange Improvements
 Subcorr(s): 14B Springfield Township; Upper Dublin Township

Let Date: -

The project proposes to improve the intersection of S.R. 2027, Section 001 (Pennsylvania Avenue) and S.R. 2028, Section 001 (Camp Hill Road) located in Springfield and Upper Dublin Townships, Montgomery County, Pennsylvania. This intersection improvement project involves re-alignment of the S.R. 2028 approaches to eliminate the dogleg alignment of its intersection with S.R. 2027. The improved alignment will require the relocation of the two existing traffic signals to a newly creating single signalized intersection. The new signalized intersection will offset the existing dog leg intersection and create an intersection with better geometry that is closer to ninety degrees.

A retaining wall is proposed on the southeast corner of the new intersection to avoid impacting a springhouse, which is a contributing element to the property's National Historic Registry. Also, the S.R. 2027 approaches will be widened to provide turning lanes from both directions.

The project limits along Pennsylvania Avenue is approximately 1900 feet long and the limits along Camp Hill Road is approximately 2000 feet long. Throughout the project limits, full depth pavement reconstruction will be preformed. The construction of this project will use a detour. The detour will use all state routes in the vicinity.

The re-alignment of the intersection will greatly improve traffic safety and operations. The existing intersection area has numerous conflicting traffic movements and heavy congestion during peak hours. The improvements to this intersection will satisfy the need to simplify the intersection area and provide left turn lanes on each approach to increase safety for the traveling community.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	STU	563				
FD	581	187				
ROW	STU	281				
ROW	581	94				
CON	STP		448			
CON	STU		1,066			
CON	STU		782			
CON	581		267			
CON	581		112			
CON	581		196			
CON	STU			2,771		
CON	STP			602		
CON	581			784		
CON	581			150		
CON	STU					382
Fiscal Year Total		1,125	2,871	4,307	0	382
				Total FY 09-12	8,303	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Montgomery

MPMS# 16438

PA 309, Connector Project-Phase I

AQ Code 2020M Allentown Road to PA 63/Sumneytown Pk

Major SOV Capacity Roadway New Capacity

Subcorr(s): 2A, 11A, Franconia Township; Lower Salford Township; Towamencin Township
14C

2030 LRP ID: 57

Let Date: 7/2/2009

Provide an adequate two lane roadway connection by upgrading two existing two lane roads (Wambold Rd. and Township Line Rd.) and connecting them with a two lane roadway approximately one mile in length. This project will correct the disjointed and inadequate road system serving the north/south movement between PA 309 and the PA Turnpike Lansdale Interchange. This project will proceed in 2 phases.

The Right-Sized Phase 1 Project includes the proposed realignment of Sumneytown Pike (PA 63) from Old Forty Foot Road to Freed Road and improvements to Wambold Road from Sumneytown Pike (PA 63) to Allentown Road. The proposed work includes a three lane relocation of PA 63 with shoulders (11' lanes and 8' shoulders) on Wambold Road and a two lane runaround around Mainland Village.

Phase II: This phase will extend Phase I from Allentown Rd on a new two-lane roadway, one mile in length, to connect to Township Line Rd at Godshall Rd. Township Line Rd will be upgraded and extended to a new interchange at PA-309 and County Line Rd.

SAFETEA DEMO #613, PA ID# 338 - \$1.280 MILLION

TIP Program Years (\$ 000)

Later FYs

Phase	Fund	FY2009	FY2010	FY2011	FY2012	
ROW	DEMO	604				
ROW	STU	244				
ROW	STP	970				
CON	SPK-FH	2,000				
CON	STU	4,440				
CON	581	1,797				
CON	SPK-SH	508				
UTL	STP		548			
UTL	581		137			
ROW	STP		1,278			
CON	STU		1,172			
CON	SPK-FH		2,032			
CON	SPK-SH		500			
CON	581		293			
CON	SPK-FH			11,337		
CON	SPK-SH			2,147		
Fiscal Year Total		10,563	5,960	13,484	0	0
				Total FY 09-12	30,007	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Montgomery

MPMS# 16476 *PA 309, Haws Rd. to Highland Ave.*
 AQ Code R3 North & South of Ft Washington Interchg
 Roadway Rehabilitation
 Upper Dublin Township; Whitemarsh Township

This project provides for the construction of Section 100 of Route 309, between Haws Rd. and Highland Avenue, which surrounds the Fort Washington Interchange. Included are roadway and overhead bridges that are to the north and south of the Fort Washing interchange. The interchange itself is contained in MPMS #64275, Section 103. The project also includes ITS components.

The PA 309 Reconstruction Project consists of the complete removal and replacement of the existing roadway from Cheltenham Avenue to Route 63, widening the shoulders on both sides of the road in each direction, extending the acceleration and deceleration lanes, and reconfiguring the PA Turnpike interchange. The project also involves rehabilitating all of the existing structures, including redecking and widening to accommodate the wider roadway. See MPMS #'s 16476, 16477, 16479, 64275 and 69799 for components of the Route 309 Reconstruction project.

CMP commitments include transit improvements to SEPTA's R5 regional rail. See DVRPC's CMP 2008 Supplemental Project Status Memorandum for details.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	STU		354			
FD	581		88			
Fiscal Year Total		0	442	0	0	0
		Total FY 09-12				442

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Montgomery

MPMS# 16479 **PA 309, Cheltenham Ave. to Church Rd.**
 AQ Code S10 Cheltenham Ave. to Church Rd. (Sec. 102)
 Minor SOV Capacity Roadway Rehabilitation
 Subcorr(s): 1A, 14A, Cheltenham Township; Springfield Township
 14B
 2030 LRP ID: 07

Let Date: 1/20/2005

This project provides for the construction of Section 102 of Route 309, between Cheltenham Ave. and Church Road. The PA 309 Reconstruction Project consists of the complete removal and replacement of the existing roadway, widening the shoulders on both sides of the road in each direction, extending the acceleration and deceleration lanes, reconfiguring the Easton Rd. and PA Turnpike interchanges, and noise abatement. The project also involves rehabilitating all of the existing structures, including redecking and widening to accommodate the wider roadway. See MPMS #'s 16476, 16477, 16479, 64275 and 69799 for components of the Route 309 Reconstruction project.

CMP commitments include transit improvements to SEPTA's R5 regional rail. See DVRPC's CMP 2008 Supplemental Project Status Memorandum for details.

Estimated total cost for this section is \$93,713,000.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
ROW	NHS	336				
ROW	581	84				
CON	STU	625				
CON	NHS	10,847				
CON	581	2,867				
CON	NHS		1,009			
CON	581		252			
Fiscal Year Total		14,759	1,261	0	0	0
		Total FY 09-12			16,020	

MPMS# 16484 **Edgehill Road (Bridge)**
 AQ Code S19 Over Old York Rd.
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): 14B Abington Township

Let Date: -

Rehabilitate the bridge deck.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	BOO		800			
UTL	BOO		350			
ROW	BOO		150			
CON	BOO				2,282	
Fiscal Year Total		0	1,300	0	2,282	0
		Total FY 09-12			3,582	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Montgomery

MPMS# 16490 **PA 23 AT OLD BETZWOOD BRIDGE**
 AQ Code R1 INTERSECTION IMPROVEMENTS
 Minor SOV Capacity Intersection/Interchange Improvements
 Subcorr(s): 9B Upper Merion Township

Install a traffic signal at the intersection of Trooper Rd. and PA 23, add a left turn lane on eastbound Trooper Rd. at PA 23, upgrade the traffic signal at PA 23 and Outer Line Dr., and add a left turn lane on eastbound PA 23 at Outer Line Dr.

This project may be suitable for ITS treatments.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	916			104		
CON	916				6,317	
Fiscal Year Total		0	0	104	6,317	0
		Total FY 09-12			6,421	

MPMS# 16577 **Ridge Pike, Butler Pike to Phila Line**
 AQ Code 2020M Butler Pike to Phila Line
 Major SOV Capacity Roadway New Capacity
 Subcorr(s): 2B, 15B Whitemarsh Township; Springfield Township
 2030 LRP ID: 59

Let Date: -

This project involves reconstructing the roadway and drainage, upgrading the traffic signals, and adding turn lanes where needed. Sidewalks will be included. Signals will be upgraded and interconnected. Phase 1 will be from Church Lane to Phila line to widen existing three lanes to four lanes. Phase 2 will be from Butler Pike to Church Lane.

This project contains ITS elements.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
UTL	STU					240
UTL	LOC					60
ROW	STU					500
ROW	LOC					100
CON	STU					24,000
CON	LOC					6,000
Fiscal Year Total		0	0	0	0	30,900
		Total FY 09-12			0	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Montgomery

MPMS# 16599 **PA 320, Restoration**
 AQ Code S10 at Hanging Rock
 Not SOV Capacity Roadway Rehabilitation
 Adding Subcorr(s): 2B, Lower Merion Township; Upper Merion Township
 7B, 7C

Replace existing wall along creek. Reconstruct roadway, construct concrete curbs, install storm pipes and inlets as needed, install guide rail as required.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PE	581		600			
CON	STP					1,600
CON	582					400
Fiscal Year Total		0	600	0	0	2,000
		Total FY 09-12		600		

MPMS# 16610 **Ashmead Road Bridge**
 AQ Code S19 Over Tookany Creek
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): 5G Cheltenham Township

Let Date: -

Replace bridge over Tookany Creek with 1 span, 34' wide, 62' long bridge: current 15 tons limit.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	BOO	320				
FD	185	60				
FD	LOC	20				
ROW	BOO	80				
ROW	185	15				
ROW	LOC	5				
CON	BOO					2,012
CON	185					377
CON	LOC					125
Fiscal Year Total		500	0	0	0	2,514
		Total FY 09-12		500		

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Montgomery

MPMS# 16652 **Ridge Pike (Bridge)**
 AQ Code S19 Over Sanatoga Creek
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): 9A Lower Pottsgrove Township

Let Date: -

This project involves replacing the bridge on East High Street crossing Sanatoga Creek in Lower Pottsgrove Township. The bridge carries a 2 lane road with a center turning lane over a Sanatoga Creek, which flows into the Schuylkill River south of the project area. The setting is rolling suburban terrain with residential and commercial land uses. A restaurant exists in the southeastern quadrant of the project area, and a private swim club is northwest of the bridge. Residential structures are located in the northeast and southwest quadrants.

The stone arch bridge is 50'-long and 39'-wide. The bridge was estimated to be built in the mid 1800's. In 1919 the bridge was widened in kind to both sides. In 2004 the bridge under went a major rehabilitation which replaced the upstream side of the bridge that had collapsed. In 2006, the downstream parapet was repaired due to collision. East High Street is an evacuation route for the Limerick Power Plant.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
UTL	916	250				
ROW	916	100				
CON	916	3,042				
CON	581	498				
Fiscal Year Total		3,890	0	0	0	0
		Total FY 09-12				
					3,890	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Montgomery

MPMS# 16665 **US 202, Markley Street (SB) Section 500**
 AQ Code 2030M Main Street to Johnson Hwy
 Major SOV Capacity Roadway Rehabilitation
 Subcorr(s): 8E, 9B Norristown Borough; East Norriton Township
 2030 LRP ID: 21

This project includes widening on Markley St/Route 202 from 2 lanes to 3/4 lanes in this 1.6 mile section; the addition of a center turn lane where required and an additional through lane south of Harding Blvd. and improvements to Johnson Highway for 0.7 miles.

This project may be suitable for ITS treatments.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	581	900				
UTL	NHS	160				
UTL	581	40				
ROW	NHS	160				
ROW	581	40				
FD	581		140			
UTL	NHS		320			
UTL	581		80			
UTL	NHS			560		
UTL	581			140		
FD	581					2,000
UTL	NHS					240
UTL	NHS					832
UTL	581					208
UTL	581					60
ROW	NHS					378
ROW	NHS					855
ROW	581					94
ROW	581					214
CON	NHS					14,400
CON	581					3,600
Fiscal Year Total		1,300	540	700	0	22,881
			Total FY 09-12		2,540	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Montgomery

MPMS# 16678 **Fretz Rd. (Bridge)**
 AQ Code S19 over Skippack Creek
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): 2A, Lower Salford Township
 11A

Let Date: -

The purpose of the project is to improve mobility in the project area by replacing a bridge that is weight limited to 25 tons for single unit vehicles and 34 tons for combination (semi-trailer) vehicles. Construction includes total structure replacement, including piers, abutments, and wing walls. Roadway and shoulders will be reconstructed as needed to tie back to existing approach conditions. Guide rails and end treatments will be updated, and a portion of an existing tributary stream running parallel to approach roadway will be relocated. Selective signing upgrades will be installed in addition to durable pavement markings.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
UTL	916	160				
ROW	916	160				
CON	916		2,090			
CON	916			490		
Fiscal Year Total		320	2,090	490	0	0
		Total FY 09-12			2,900	

MPMS# 16681 **Mill Road Bridge**
 AQ Code S19 over Branch of Meadow Brook Road
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): 14B Abington Township

Let Date: -

The purpose of the project is to replace the existing deteriorated bridge structure. The stone arch recently suffered a partial collapse of the inside wall of the structure. A temporary repair has been made, but the bridge must be replaced in order to maintain the long term operation of the roadway.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	185	30				
UTL	BND	50				
ROW	BND	50				
CON	BND		1,200			
Fiscal Year Total		130	1,200	0	0	0
		Total FY 09-12			1,330	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Montgomery

MPMS# 16688 **PA 23, River Road**
 AQ Code R1 At Balligomingo Road
 Minor SOV Capacity Intersection/Interchange Improvements
 Subcorr(s): 2B, 3C West Conshohocken Borough

Let Date: -

Project Consists of relocation of intersection of SR 0023 and Balligomingo Road to improve congestion and safety. The project will include roadway widening and reconstruction of approximately 1440' (800' along S.R.2023 and about 600' along Balligomingo road) to accommodate Left and Right turning lanes at the intersection and construction of a retaining wall between SR0023 and the Norfolk Southern Rail Road and to replace the bridge that carries SR 0023 over Gulph Creek, a tributary to the Schuylkill River.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
UTL	STU		260			
UTL	581		65			
CON	916		6,000			
Fiscal Year Total		0	6,325	0	0	0
		Total FY 09-12			6,325	

MPMS# 16699 **Linfield Road (Bridge)**
 AQ Code S19 Over a Tributary of the Schuylkill
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): 9A Limerick Township

Replace Culvert over a tributary of the Schuylkill River in Limerick Township.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
UTL	185	50				
ROW	185		100			
CON	185			1,000		
Fiscal Year Total		50	100	1,000	0	0
		Total FY 09-12			1,150	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Montgomery

MPMS# 16701 **Norristown Signal System (C031)**
 AQ Code 2010M Hamilton Street to Ford Street
 Not SOV Capacity Signal/ITS Improvements
 Adding Subcorr(s): Norristown Borough

Let Date: 9/21/2006

This project will coordinate and interconnect 27 traffic signals on Main, Airy, Marshall, Swede, and Dekalb streets with various local streets in the Borough of Norristown. Signals will be replaced and traffic-responsive closed loop detectors will be installed in the roadway. PENNDOT District 6 and the Township will monitor the system which can accommodate remote access for emergency response. Pedestrian push buttons and line striping will be included. This project complies with the Regional GIS Architecture.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	CMAQ	412				
CON	CMAQ		216			
Fiscal Year Total		412	216	0	0	0
		Total FY 09-12			628	

Pennsylvania - Highway Program

Montgomery

MPMS# 16703 **Old Betzwood Bridge Bike/Ped Trail (C047)**
 AQ Code A2 Part 5 of River Crossing Complex
 Not SOV Capacity Bicycle/Pedestrian Improvement
 Adding Subcorr(s): 1A, Upper Merion Township; West Norriton Township
 9B

Let Date: -

This bike/ped project is being developed in conjunction with the Old Betzwood Bridge Replacement project (MPMS #16489). The new bridge over the Schuylkill River will accommodate bicycles and pedestrians. This project will also provide for rehabilitation of the Trooper Road superstructure over Norfolk Southern railroad and replacement of the Trooper Road structure over the Schuylkill River Trail. Trails will also be constructed from the existing Montgomery County Schuylkill Trail to the new bridge and from the bridge to PA 23 in Valley Forge Park. This project will be done as a design-build project and is part of the Montgomery County Planning Commission recommended Trail Plan.

This project is part (5) of the "River Crossing Complex," which is a complex area of roadways, interchanges, intersections, and bridges in and around the Valley Forge National Historic Park. Environmental clearance for various components was undertaken through MPMS #46954, and individual projects have been broken out as follows:

- 1) PA 23/US 422 Interchange and North Gulph Road Improvements (MPMS #66952).
 DEMO # - \$20 MILLION, MINUS INTERIM IMPROVMENTS (MPMS #74648, APPROX \$5 MILLION)
- 2) US 422/PA 363 Interchange, including providing movements to/from the west (MPMS #64796).
- 3) US 422 Betzwood Bridge over the Schuylkill River, rehabilitation and widening of the bridge (MPMS #70197) and a new parallel four (4) lane bridge.
- 4) US 422 Widening for 1.8 miles from PA-363 interchange to the US-202 interchange. This project has not yet been broken out.
- 5) Old Betzwood Bridge Bike/Pedestrian Trail will be re-built as a bike/pedestrian bridge only, and will not re-instate vehicular traffic (MPMS# 16703).
- 6) An early action interim project to provide timely and effective relief to westbound afternoon congestion until the long range projects can fully advance was programmed and constructed as MPMS #74648.

SAFETEA DEMO ID #20 - \$20 Million, applied to this project and MPMS #74648.

Construction phase is funded with the following Earmarks:

2008 Appropriation (PA ID# 711) -\$735,000
 SAFETEA-LU (FED ID# 0020/PA ID# 672) -\$8,747,000
 TEA-21 (FED ID# 0140/PA ID# 088) -\$1,019,806

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PE	STP	750				
PE	TOLL					
FD	STP	250				
FD	TOLL					
CON	CAQ	800				
CON	TOLL					
CON	STP	3,000				
UTL	TOLL					
ROW	TOLL					
CON	TOLL					
CON	CMAQ			223		

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Montgomery

UTL	CMAQ			265	
ROW	CMAQ			53	
CON	TOLL				
CON	CMAQ			682	
CON	CMAQ				1,008
Fiscal Year Total		4,800	0	223	1,000
				Total FY 09-12	6,023

MPMS# 16705 **Chester Valley Trail Extension (C036)**
 AQ Code A2 S. Gulph Rd. Bdrge-Norristown Trans Ctr
 Not SOV Capacity Bicycle/Pedestrian Improvement
 Adding Subcorr(s): 1A, Upper Merion Township; Bridgeport Borough; Norristown Borough
 3C, 8D, 9B

Let Date: -

This project includes the development of a 3.5 mile extension of the paved trail and bike lockers. It is part of a larger effort to provide a cross-county trail from Chester County through Montgomery to Bucks County. This project is related to the TE funded Chester Valley Trail project that will be constructed from the Montgomery County Line (near King of Prussia) to Downingtown in Chester County. This project is part of the Montgomery County Planning Commission recommended Trail Plan.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PE	CAQ	652				
PE	LOC	163				
FD	CAQ	409				
FD	LOC	102				
CON	CAQ	6,800				
CON	LOC	1,700				
FD	CAQ		120			
FD	LOC		30			
ROW	CAQ		584			
ROW	LOC		146			
Fiscal Year Total		9,826	880	0	0	0
				Total FY 09-12	10,706	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Montgomery

MPMS# 16732 **US 202 (Sec. 405)**
 AQ Code 2005M From I-76 to Conrail Bridge
 Roadway New Capacity
 Upper Merion Township; Tredyffrin Township

Funds Account for Accrued Unbilled Costs

This project will increase the capacity of US 202 by widening a 2.6 mile section from four to six lanes. Interchange improvements will be made at I-76 and Warner Road, US 422, Swedesford Road, and Chesterbrook. The Warner Road and Old Eagle School Road bridges will be replaced and a new ramp will be constructed parallel to US 202 along the abandoned Chester Valley Railroad right-of-way that will connect an extended Devon Park Drive and the US 422 interchange to eastbound I-76. PennDOT has identified this as an SOV Project and has completed the required Congestion Management System (CMS) Analysis. This analysis resulted in additional projects being recommended to mitigate congestion during and after the construction of this improvement. Specific CMS projects include subsidies to SEPTA for new transit service. The limits of Section 400 are from PA 252 to I-76. Traffic volumes in this section of US 202 exceed 80,000 AADT.

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 simplify construction management.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
ROW	STP		1,858			
ROW	581		464			
Fiscal Year Total		0	2,322	0	0	0
		Total FY 09-12		2,322		

MPMS# 16741 **Swamp Road at PA 663**
 AQ Code R1 Swamp Road at PA 663
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): New Hanover Township; Worcester Township; Whitpain Township; New Hanover Township

Let Date: -

This project involves bridge replacement and widening PA 663 to accommodate exclusive left turn lanes on both approaches to Swamp Pike.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
UTL	STU			87		
UTL	581			22		
ROW	STU			139		
ROW	581			35		
CON	STP			349		
CON	581			87		
CON	STP				363	
CON	581				91	
CON	STP					185
CON	581					46
Fiscal Year Total		0	0	719	454	231
		Total FY 09-12		1,173		

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Montgomery

MPMS# 16755 **US 202, Section 650, Morris Rd - PA 309**
 AQ Code 2015M Morris Rd. to PA 309
 Roadway New Capacity
 Montgomery Township; Upper Gwynedd Township; Lower Gwynedd Township; Whitpain Township

This project is currently in final design. Improvements include widening US 202 from two to four or five lanes and intersection improvements at major intersections. The limits of Section 600 are from Johnson Highway to PA 309.

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 simplify construction management.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	STU	645				
FD	581	161				
FD	STU		155			
FD	NHS		105			
FD	581		39			
FD	581		26			
CON	STU		88			
Fiscal Year Total		806	413	0	0	0
			Total FY 09-12		1,219	

MPMS# 46952 Fort Washington Flooding & Transportation Study

AQ Code X
 Other
 Upper Dublin Township

Funds account for accrued unbilled costs

The federal TEA-21 legislation included earmark funding for a study of transportation improvements in the Fort Washington area. The study as proposed will include flood management improvements via hydrologic modeling and the preparation of new floodplain maps for the Sandy Run watershed, including Pine and Rapp Runs and Bodenstien Creek; recommendations for implementation of best management practices and/or structural changes to reduce flooding in the area; evaluation of the transportation system in the area and its impacts on flooding; and analysis and recommendations of specific changes to the transportation network to improve flooding and stormwater management conditions in the Fort Washington Office Park area, including preliminary engineering project cost estimates.

This project will be included in the FY06 DVRPC Work Program as DVRPC will serve as the contract administrator of the project. Note that \$65,959 DEMO of the original \$461,295 earmark was "flexed" to the FTA for use by SEPTA as part of the pedestrian/parking expansion work performed at Fort Washington Station.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	TOLL					
CON	STU		75			
Fiscal Year Total		0	75	0	0	0
			Total FY 09-12		75	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Montgomery

MPMS# 48173 *Countywide Traffic Signal Improvement Project*

AQ Code R2 Phase 3
 Minor SOV Capacity Signal/ITS Improvements
 Subcorr(s): Various

Let Date: -

Upgrade and modernize inadequate, outdated traffic signal equipment throughout Montgomery County. Some intersection groups will be interconnected and part of closed loop systems. There is no roadway widening or modifications. Ornamental mast arms will be applied to Butler Avenue traffic signals in Ambler.

Ambler Borough: Butler Pike & Lindenwold Avenue, Butler Pike & Spring Garden Street, Butler Pike & Main Street, Butler Pike & Ridge Avenue
 Cheltenham Township: Glenside Avenue & Keswick Avenue, Tookany Creek Parkway & Central Avenue & Ryers Avenue, Washington Lane (SR 2056) & Ashbourne Road (SR 2025) & Mellon Road
 East Norriton Township: Germantown Pike & North Wales Road (T-377), Germantown Pike & Stanbridge Street (T-559), Germantown Pike & Hillcrest Road (T-459), Germantown Pike & Swede Road (T-579)
 Hatboro Borough: Old York Road (SR 0263) & Montgomery Avenue (SR 0332), Old York Road (SR 0263) & Moreland Avenue, Old York Road (SR 0263) & Byberry Road (SR 2009), Old York Road (SR 0263) & Horsham Road, Old York Road (SR 0263) & Lehman Avenue
 Limerick Township: Ridge Pike (SR 4031) & Swamp Pike, Ridge Pike (SR 4031) & Limerick Center Road (SR 4024)/Krugler Road, Swamp Pike & Neiffer Road (SR 4018)
 Norristown Borough: Fornance Street & Dekalb Street (SR 0202 N), Fornance Street & Fairfield Avenue (SR 3013) & Sandy Hill Road (SR 3009), Johnson Highway (SR 3017) & New Hope Street (T-367) & Plymouth Road (SR 3017)
 Springfield Township: Bethlehem Pike (SR 2018) & Mill Road, Bethlehem Pike (SR 2018) & Haws Lane Road, Bethlehem Pike (SR 2018) & Wissahickon Avenue, Upper Dublin Township, Butler Pike & Morris Road (SR 2001), Jenkintown Road (SR 2021) & Fitzwatertown Road (SR 2038), Jenkintown Road (SR 2021) & North Hills Avenue
 Upper Moreland Township: Davisville Road (SR 2042) & Terwood Road (SR 2033)
 Lower Providence Township: Trooper Road (SR 0363) & Clark Hill Drive/Norrington Drive, Ridge Pike (SR 4031) & Level Road/Evansburg Road
 Whitpain Township: Skippack Pike (SR 0073) & Penllyn-Blue Bell Pike (SR 3003, Norristown Road (SR 3001) & Stenton Avenue (SR 3003) & Narcissa Road (T-457)

SAFETEA DEMO ID #2058 - \$520,000. PA ID #425. Only \$166,000 of the DEMO applied to this project. Any additional funds required to complete the project will be provided locally. Also see MPMS #74813 for balance of DEMO funds.

\$4.2 million ARRA funds (American Recovery and Reinvestment Act of 2009) will complement federal STP highway funds to fully fund the project cost.

Under construction

This project may be suitable for ITS treatments.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	ECON-R	5,000				
CON	SXF	166				
CON	TOLL					
CON	TOLL					
CON	STP		1,500			
Fiscal Year Total		5,166	1,500	0	0	0
		Total FY 09-12		6,666		

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Montgomery

MPMS# 48179 *Towamencin Signal System Interconnection*

AQ Code 2010M
 Not SOV Capacity Signal/ITS Improvements
 Adding Subcorr(s): Towamencin Township

Let Date: 8/12/2004

Funds Account for Accrued Unbilled Costs

Installation of a closed loop signal system at 25 intersections on PA 63, PA 463, PA 363, Sumneytown Pike, and Allentown Rd.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	CMAQ	60				
Fiscal Year Total		60	0	0	0	0
		Total FY 09-12			60	

MPMS# 48180 *Conshohocken State Road*

AQ Code 2010M US 1(City Ave.) to Mastonford Rd.
 Signal/ITS Improvements
 Lower Merion Township

FUNDS ACCOUNT FOR ACCRUED UNBILLED COSTS

This project includes installation of a closed loop signal system at 30 intersections.
 Project includes signal upgrades at existing signalized intersections. The traffic responsive Loop detectors, with one location using Microwave detectors.
 The Closed Loop System will connect to the Lower Merion Township Building and be monitored by Township staff.
 Pedestrians will be accommodated in the signal timings and also with cross walks and hand/man signals.
 No bike lanes are included.
 Remote access will be accommodated by Connectivity to District 6 TMC via the Route 23 Sec ITC project and fiber network being implemented by PennDOT.

This project will ultimately connect to the Route 23 Sec ITC project at both ends which will also connect to the PennDOT District 6 TMC.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STU		475			
Fiscal Year Total		0	475	0	0	0
		Total FY 09-12			475	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Montgomery

MPMS# 48181 *Fitzwatertown Rd.*
 AQ Code R1 at PA 63, Moreland Rd.
 Minor SOV Capacity Intersection/Interchange Improvements
 Subcorr(s): 12A Abington Township; Upper Moreland Township

Let Date: -

Widen for southbound right turn lane at PA 63, Moreland Rd. Update traffic signal. Reconstruct sidewalk and curb as required. Replace and/or reconfigure existing storm sewers and inlets as needed.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	STP	80				
FD	581	20				
UTL	STP	16				
UTL	581	4				
ROW	STP	40				
ROW	581	10				
CON	STP					800
CON	581					200
Fiscal Year Total		170	0	0	0	1,000
		Total FY 09-12		170		

MPMS# 48182 *PA 611/Old York Rd. (Signals)*

AQ Code 2010M
 Signal/ITS Improvements
 Cheltenham Township

Let Date: 8/19/2005

Funds Account for Accrued Unbilled Costs

Corridor optimization of 10 signals and actuation of 2 side streets on Old York Road (MPMS #48182).

This project contains construction funding for MPMS #'s 48182, 60722, 61053, and 60708.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
UTL	CMAQ	33				
CON	CMAQ	435				
CON	CMAQ		113			
Fiscal Year Total		468	113	0	0	0
		Total FY 09-12		581		

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Montgomery

MPMS# 48418 **Allentown Rd.**
 AQ Code R1 at Troxel Rd. and Orvilla Rd.
 Minor SOV Capacity Intersection/Interchange Improvements
 Subcorr(s): 11A, 14C Towamencin Township

Let Date: 1/8/2009

This project includes the realignment and widening of Allentown Road for approximately 1400 ft. Modification of one signalized intersection will be included along Allentown Road at Orvilla Road. A four-legged intersection will be formed with the realigned Troxel Road, Allentown Road, and Orvilla Road. Left turning lanes will be provided along each road at the intersection. Realignment of Troxel Road will tie into Allentown Road at the new four-legged signalized intersection (approximately 1000 ft.). Project will also include minor realignment and approach widening of Orvilla Rd. The two-signal traffic system will be replaced with a single traffic signal and left-turn lanes, which will increase intersection efficiency and improve traffic safety. Troxel Road and Orvilla Road presently have no significant shoulder areas, no curbing and no sidewalks. This project is contained in PennDOT's Strategic Safety Plan.

Project under construction.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
UTL	HSIP	585				
CON	HSIP	3,700				
Fiscal Year Total		4,285	0	0	0	0
			Total FY 09-12		4,285	

MPMS# 50364 **US 202, Dekalb Pike, Section 610**
 AQ Code 2020M Johnson Highway to Morris Road
 Major SOV Capacity Roadway New Capacity
 Subcorr(s): 2A, 8F, 9B Whitpain Township; East Norriton Township; Norristown Borough
 2030 LRP ID: 56

Widen US 202 for approximately 1.8 miles from two lanes to five lanes including a center turn lane in this section of US 202 between Johnson Highway and Township Line Road in East Norriton Township. One bridge and one culvert will be replaced in this portion of Section 600. Traffic signal equipment will be replaced at the intersections with Johnson Highway, Germantown Pike and Township Line Road. TS elements are included in this project.

This project includes the final design funding for both MPMS# 63486 (US 202 - 61S) and MPMS# 63490 (US 202 - 61N)

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 simplify construction management.

CMP commitments include transit improvements to SEPTA's R5 regional rail, as well as pedestrian and bicycle improvements. See DVRPC's CMP 2008 Supplemental Project Status Memorandum for details.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	STU	1,280				
FD	581	400				
FD	STU		334			
Fiscal Year Total		1,680	334	0	0	0
			Total FY 09-12		2,014	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Montgomery

MPMS# 50646

PA 63 - Rehab 2 Bridges

AQ Code S19

Unami Creek/East Branch of Perkiomen

Not SOV Capacity

Bridge Repair/Replacement

Adding Subcorr(s):

Lower Salford Township; Upper Salford Township; Marlborough Township

Let Date: -

Rehabilitate 2 bridges on Route 63 Between PA 113 and PA 29, over the Unami Creek and the East Branch of the Perkiomen Creek.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	916D	820				
UTL	BND		250			
ROW	BND		300			
CON	BND					5,897
Fiscal Year Total		820	550	0	0	5,897
		Total FY 09-12			1,370	

MPMS# 50671

Kutztown Road (Bridge)

AQ Code S19

Over Molasses Creek

Not SOV Capacity

Bridge Repair/Replacement

Adding Subcorr(s):

Upper Hanover Township

Let Date: 5/14/2009

The purpose of this project is to replace the structurally deficient bridge on Kutztown Road. The bridge is posted for 15 tons and has a very low sufficiency rating. The project is located in an area with rolling terrain. Land use in the vicinity consists of mixed use residential and agricultural. Residential properties are comprised of single family homes. The project includes the removal and replacement of the existing bridge with a rigid frame and or with box culvert. The new bridge will be re-aligned with the existing roadway. Reconstruction of the bridge approaches will be limited to 200' in each approach.

Project Completed in December 2009

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	BOO	900				
UTL	BOO		50			
ROW	BOO		50			
Fiscal Year Total		900	100	0	0	0
		Total FY 09-12			1,000	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Montgomery

MPMS# 51095 *I-76 Schuylkill Expressway Corridor ITS*

AQ Code X

Signal/ITS Improvements

Various

FUNDS ACCOUNT FOR ACCRUED UNBILLED COSTS

This project will build on work initiated under the ITS:Schuylkill Expressway Corridor project (TIP #0581). The project will have several deployment phases, however the initial phases are planning phases. Planning work will include hiring a Design System Integrator to define implementation and operational strategies and develop a comprehensive strategic deployment plan (including costs) for the corridor.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PE	CMAQ		769			
PE	581		473			
Fiscal Year Total		0	1,242	0	0	0
		Total FY 09-12			1,242	

MPMS# 51359 *PA 422 Resurfacing, PA 29-Township Line*

AQ Code S10

PA 29 to Township Line Road

Not SOV Capacity

Roadway Rehabilitation

Adding Subcorr(s):

Upper Providence Township; Limerick Township

Let Date: 4/9/2009

The project is approximately 4.5 miles long and runs from 0.5 mile east of the Collegeville Road Interchange to 1500 feet west of the Royersford Road Interchange. This is a concrete patching with bituminous overlay project with no widening. The shoulders will be reconstructed with a wearing, a binder and a base course. The project will remain on the existing alignment. The current and proposed configuration consists of 2-12' lanes with a 10' outside shoulder and an 8' inside shoulder with 4' paved and 4' graded. There is no existing or planned bike or pedestrian features anticipated for this limited access project. The project does not coordinate with any other project.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	ECON-R	16,965				
CON	ECON-R		1,500			
Fiscal Year Total		16,965	1,500	0	0	0
		Total FY 09-12			18,465	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Montgomery

MPMS# 57849 **PA 29, Main St. (Bridge)**
 AQ Code S2 over abandoned Reading Railroad Tracks
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): Pennsburg Borough; Red Hill Borough

Let Date: -

Narrow and unnecessary bridge constrains traffic and restricts sight distance on Route 29. Bridge would be removed and overpass filled and connected with wider road section. This is a bridge bill project.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	185	150				
UTL	185	50				
ROW	185	75				
CON	185		1,000			
Fiscal Year Total		275	1,000	0	0	0
		Total FY 09-12			1,275	

MPMS# 57858 **Lafayette St. Extension (MG1)**
 AQ Code 2030M Dannehower Bridge to PA Turnpike
 Major SOV Capacity Roadway New Capacity
 Subcorr(s): 1A, 8E, 9B Norristown Borough; Plymouth Township
 2030 LRP ID: 55

This project (Section MG1) will involve extending Lafayette Street past its current terminus at Ford Street to Conshohocken Road, and building slip-ramps at that point to connect Lafayette Street with the Pennsylvania Turnpike. In addition to the proposed new roadway, the existing Schuylkill River bike/pedestrian trail will be realigned as a multi-purpose trail for public access and recreational use as part of the project. Further, the long term goal is to construct an interchange at the Dannehower Bridge/Lafayette Street intersection.

This section contains preconstruction phases only.

With an overall construction estimate of approximately \$115 million, this project has been broken down into several sections for construction management. See MPMS #'s 79863, 79864, and 79928.

TEA 21 DEMO -\$10 million (\$7.178 MILLION AVAIL 1/06)

2004 DEMO - \$750,000

SAFETEA DEMO #4809, PA ID# 619 - \$500,000

SAFETEA DEMO #91, PA ID# 306 - \$9.120 MILLION

This project may be suitable for ITS treatments.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	STP		280			
ROW	SXF		6,303			
ROW	LOC		1,576			
FD	LOC			70		
Fiscal Year Total		0	8,159	70	0	0
		Total FY 09-12			8,229	

Pennsylvania - Highway Program

Montgomery

MPMS# 57861 **Pleasant View Rd.**
 AQ Code R4 Buchert Rd. to Sanatoga Rd.
 Not SOV Capacity Roadway Rehabilitation
 Adding Subcorr(s): 9A Lower Pottsgrove Township

Let Date: -

The Pleasant View Road Improvement Project involves the rehabilitation and or replacement of approximately 2500 linear feet of Pleasant View Road from the intersection of Buchert Road at Segment 0030, Offset 1035, to the intersection of Sanatoga Road, ½ mile to the north at Segment 0030, Offset 3535. Additionally, this project involves the widening of Buchert Road for a length of 400 feet. As a part of this project, a sidewalk will also be constructed on one side of both Buchert and Pleasant View Roads for the entire length of the project.

The reconstruction of Pleasant View Road is required due to substandard horizontal geometry of an existing S-bend curve. Both curves radii in this section of road will be increased to improve roadway safety at this accident prone location. Additionally, vertical geometry improvements will be made to increase stopping sight distance along this rolling vertical profile. The existing cartway of Pleasant View Road will also be widened and curbed. Existing cartway width currently varies from 20 ft to 24 ft and the proposed condition will be a uniform 28 feet wide. Drainage will also be improved along this section of roadway by providing properly designed inlets, pipe conveyance and drainage features. The Buchert Road and Pleasant View Road intersection will also be improved by widening Buchert to add a separate left turning lane.

Currently Pleasant View Road does not have any pedestrian or bike facilities within the project limits. As a part of this project pedestrian access has been improved by the addition of a sidewalk for the entire length of the reconstructed roadways. The pedestrian and traffic improvements associated with this project will link the existing features south of Buchert Road with a new planned community at the northern end of the project limits named Spring Valley Estates. As a part of the Spring Valley Estates project, highway improvements will be made, by realigning Bleim Road with Sanatoga Road. The proposed improvements along the Pleasant View Road corridor will provide continuity in this section of roadway with each roadway approach and will provide a continuous sidewalk from the Spring Valley Estates community to downtown Pottstown.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STP				405	
CON	581				101	
CON	STP					1,193
CON	581					298
Fiscal Year Total		0	0	0	506	1,491
		Total FY 09-12			506	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Montgomery

MPMS# 57865 *Edge Hill Rd.*
 AQ Code S10 Easton Rd. to Jenkintown Rd.
 Not SOV Capacity Roadway Rehabilitation
 Adding Subcorr(s): Abington Township

Let Date: -

The purpose of this project is to provide for the safe movement of vehicles and pedestrians on Edge Hill Road and Tyson Avenue between Easton Road and Jenkintown Road. The existing roadway consists of 11' lanes and intermittent shoulders used for parking. The proposed roadway will consist of 11' lanes and 2' minimum shoulders. Parking areas will be provided where feasible. Sidewalk will be constructed where feasible (currently there are no sidewalks). The roadway will be milled and resurfaced where feasible.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	STU	1,104				
FD	LOCAL	276				
CON	STU					8,480
CON	LOCAL					2,120
Fiscal Year Total		1,380	0	0	0	10,600
			Total FY 09-12		1,380	

MPMS# 58662 *Township Wide Traffic Signal Closed Loop*
 AQ Code 2020M Upper Merion Twp.
 Not SOV Capacity Signal/ITS Improvements
 Adding Subcorr(s): Upper Merion Township; Bridgeport Borough

Let Date: 9/21/2006

Funds Account for Accrued Unbilled Costs

Expand the existing closed loop signal system to focus on additional corridors including Dekalb Pike (including Bridgeport Boro.), Allendale Rd., Henderson Rd., Gulph Rd., and PA-23. 74 Signals in a township and borough-wide system will be interconnected with fiber optics, with central monitoring provided by the township and tied in to PennDOT's Control Center.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	CMAQ	970				
CON	TOLL					
CON	STU		177			
CON	TOLL					
CON	STP		768			
CON	STP			315		
CON	TOLL					
Fiscal Year Total		970	945	315	0	0
			Total FY 09-12		2,230	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Montgomery

MPMS# 59522 *PA Tpk. NE Extension/Corridor Incident Traffic Mgt*

AQ Code S7

Minor SOV Capacity Signal/ITS Improvements

Subcorr(s): 2A, 11A, Various

14C

Let Date: -

This project will implement a Unified Traffic Management and Signal Coordination Plan within the Pennsylvania Turnpike Northeast Extension (I-476)/PA 309 Corridor to handle both routine traffic conditions and diversions from the Turnpike. Video cameras, variable message signs, interconnected signal systems and trail blazer signage are components of the system. Work undertaken as part of the DVRPC FY06 Work Program provided signal inventories, cost estimates to make equipment consistent, identification of closed loop subsystems and priorities within the corridor, requirements for linking the system to PENNDOT's Traffic Control Center, and a trail blazer signage plan.

MPMS# 71643 includes the utility work for the ITS components of this project and MPMS #48185 - ITS for I-76 Schuylkill Expressway.

This project is integral to the Delaware Valley Freight Corridors Initiative.

SAFETEA LU DEMO #878, PA ID #361 - \$3.2 MILLION

This project contains ITS elements.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	SXF	1,600				
CON	CAQ	840				
CON	576	610				
Fiscal Year Total		3,050	0	0	0	0
		Total FY 09-12		3,050		

MPMS# 62300 *Susquehanna Rd. Bikeway Improvements*

AQ Code X

Huntingdon Rd. to Tennis Ave.

Bicycle/Pedestrian Improvement

Abington Township; Upper Dublin Township

Funds account for Advance Construct Conversion

This project is intended to improve the service quality for bicycling on approximately 6 miles of Susquehanna Road. As determined in preliminary engineering, actions include: shoulder delineation; minimal widening and reconstruction including a base drain system; installation of bike lanes; warning signage; and replacement of drainage grates.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	CMAQ		450			
Fiscal Year Total		0	450	0	0	0
		Total FY 09-12		450		

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Montgomery

MPMS# 62616 *I-76 Parallel Transportation System Manag.Phase II*
 AQ Code S7 PARALLEL Arterial
 Minor SOV Capacity Signal/ITS Improvements
 Subcorr(s): 3B, 3C Various

FUNDS ACCOUNT FOR ACCRUED UNBILLED COSTS

This project will build on work initiated under the ITS Schuylkill Expressway Corridor project (TIP #0581 and MPMS #51095) which were the initial planning phases. The purpose of the overall I-76 Schuylkill Expressway Corridor ITS project is to improve traffic management and congestion mitigation in the event of an incident on the Schuylkill Expressway, and includes addressing the need for transportation system management improvements on parallel routes and integration of local & state TSM systems.

The project will have several deployment phases. The comprehensive strategic deployment plan (including costs) for the corridor has been completed and implementation of early-action projects has begun. This funding would complete the remaining high-priority projects for the SEPTA Bus Stop Information System, traffic/transit information kiosks at King of Prussia Mall, Traffic Control Center software for signal coordination, fender bender signage and trailblazer signage.

This project is integral to the Delaware Valley Freight Corridors Initiative.

This project contains ITS elements.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	CMAQ		153			
CON	581		38			
Fiscal Year Total		0	191	0	0	0
		Total FY 09-12		191		

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Montgomery

MPMS# 63486 **US 202, Johnson Hwy. to Twp. Line Rd. (61S)**
 AQ Code 2020M Johnson Highway to Twp. Line Rd.
 Major SOV Capacity Roadway New Capacity
 Subcorr(s): 8F, 9B Norristown Borough; East Norriton Township; Whitpain Township
 2030 LRP ID: 56

Let Date: -

Widen US 202 for approximately 1.8 miles from two lanes to five lanes including a center turn lane in this section 61S of US 202 between Johnson Highway and Township Line Road in East Norriton Township. One bridge and one culvert will be replaced in this portion of Section 600. Traffic signal equipment will be replaced at the intersections with Johnson Highway, Germantown Pike and Township Line Road. This section designed under Section 610. ITS elements are included in this project.

MPMS #50364 (US 202 Sec 610) contains the final design funding for this project.

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 simplify construction management.

CMP commitments include transit improvements to SEPTA's R5 regional rail, as well as pedestrian and bicycle improvements. See DVRPC's CMP 2008 Supplemental Project Status Memorandum for details.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
ROW	NHS				1,600	
ROW	581				400	
CON	NHS					24,800
CON	581					6,200
Fiscal Year Total		0	0	0	2,000	31,000
		Total FY 09-12			2,000	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Montgomery

MPMS# 63490 **US 202, Twp. Line Rd. to Morris Rd. (Sec 61N)**

AQ Code 2020M Township Line Rd. to Morris Road

Major SOV Capacity Roadway New Capacity

Subcorr(s): 2A, 8F Whitpain Township

Let Date: -

Widen US 202 for approximately 1.8 miles from two lanes to five lanes including a center turn lane in this section of US 202 between Johnson Highway and Township Line Road in East Norriton Township. One bridge and one culvert will be replaced in this portion of Section 600. Traffic signal equipment will be replaced at the intersections with Johnson Highway, Germantown Pike and Township Line Road. This section designed under Section 610.

MPMS #50364 (US 202 Sec 610) contains the final design funding for this project.

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 simplify construction management.

CMP commitments include transit improvements to SEPTA's R5 regional rail, as well as pedestrian and bicycle improvements. See DVRPC's CMP 2008 Supplemental Project Status Memorandum for details.

TOLL CREDIT

This project contains ITS elements.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
ROW	NHS			2,000		
CON	TOLL					
CON	NHS				1,453	
CON	TOLL					
CON	CAQ					2,500
CON	TOLL					
CON	NHS					32,500
CON	NHS					563
Fiscal Year Total		0	0	2,000	1,453	35,563
				Total FY 09-12	3,453	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Montgomery

MPMS# 63491 **US 202, Morris Rd. to PA 63 (Sec 65S)**
 AQ Code 2020M Morris Rd. to Swedesford road
 Major SOV Capacity Roadway New Capacity
 Subcorr(s): 8F, 14C Whitpain Township; Lower Gwynedd Township; Upper Gwynedd Township

Let Date: -

Widen Route 202 Section 65S from 2 lanes to 5 lanes in this 2.6 mile section. Add a center turn lane where required and a new bridge over the Wissahickon Creek. This section was designed under section 650. Section 600 was designed in two sections (Section 610 and 650) and will be built in four sections: Johnson Highway to Swede Road; Swede Road to Morris Road; Morris Road to PA 63; PA 63 to PA 309.

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 simplify construction management. ITS elements are included in this project.

CMP commitments include transit improvements to SEPTA's R5 regional rail, as well as pedestrian and bicycle improvements. See DVRPC's CMP 2008 Supplemental Project Status Memorandum for details.

TOLL CREDIT

This project contains ITS elements.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STU				9,564	
CON	STU				2,350	
CON	581				2,392	
CON	581				587	
CON	STU					5,012
CON	STU					997
CON	NHS					20,588
CON	581					249
CON	581					6,400
Fiscal Year Total		0	0	0	14,893	33,246
		Total FY 09-12			14,893	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Montgomery

MPMS# 63492 **US 202, Swedesford Rd. to PA 309 (Section 65N)**
 AQ Code 2020M Swedesford Road to Route 309
 Major SOV Capacity Roadway New Capacity
 Subcorr(s): 8F, 14C Upper Gwynedd Township; Lower Gwynedd Township; Montgomery Township

Let Date: -

Widen US 202 Section 65N from two lanes to five lanes including a center turn lane in this section between Swedesford Road and Route 309 in Lower Gwynedd and Montgomery Townships. Traffic signal equipment will be replaced at certain intersections. This section was designed under Section 650 and ITS elements are included in this project.

CMP commitments include transit improvements to SEPTA's R5 regional rail, as well as pedestrian and bicycle improvements. See DVRPC's CMP 2008 Supplemental Project Status Memorandum for details.

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 simplify construction management.

TOLL CREDIT

This project contains ITS elements.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	CMAQ	1,209				
CON	SPK-FH	3,250				
CON	NHS	1,750				
CON	STP	942				
CON	STU	876				
CON	NHS	18,101				
CON	STU		417			
Fiscal Year Total		26,128	417	0	0	0
			Total FY 09-12		26,545	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Montgomery

MPMS# 63494

US 202 Sec 700 ITS

AQ Code S7

PA 63 Welsh Rd to PA 611 Bypass

Signal/ITS Improvements

Upper Gwynedd Township; Lower Gwynedd Township; Doylestown Township

Let Date: -

This project will assist in managing traffic in the corridor between Montgomeryville and Doylestown along the new US-202 Parkway and its intersections, existing US-202 Doylestown Rd, Upper State Rd, Stump Rd, and the Pa-611 By-Pass. Install dynamic message signs, cameras, and fiber; upgrade and coordinate traffic signals. Integrate into the District's Traffic Control Center and affected townships and boroughs.

ISTEA earmark - PA ID# 017

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PE	SXF	250				
PE	TOLL					
FD	SXF	250				
FD	TOLL					
PE	SXF		50			
UTL	SXF		950			
UTL	TOLL					
ROW	SXF		100			
ROW	TOLL					
CON	TOLL					
CON	SXF			8,353		
Fiscal Year Total		500	1,100	8,353	0	0
				Total FY 09-12	9,953	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Montgomery

MPMS# 64017 **Sumneytown Pike**
 AQ Code 2020M Between Allentown Rd. and Beaver Street
 Major SOV Capacity Roadway New Capacity
 Subcorr(s): 8F, 14C Upper Gwynedd Township

This project is full-depth pavement construction and widening from Allentown Road to the bridge over Wissahickon Creek in Upper Gwynedd Township. The existing typical section includes one curbed 12' lane in each direction with left turn lanes at the intersections with Allentown Road and Church Road. The proposed typical section includes two 11' lanes in each direction with an 11' center turn lane and 3.5' offset to the curb. This project includes wide outside lanes for use by bicycles and also includes sidewalks, crosswalks, and hand/man signals for pedestrians. This project also includes the replacement of the CSX railroad bridge over Sumneytown Pike and signal upgrades at Allentown Road and Church Road. This project is coordinated with the section to the east between Church Road and Beaver Street

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
UTL	STU					1,200
UTL	LOC					300
ROW	STU					480
ROW	LOC					120
CON	STU					10,400
CON	LOC					2,600
Fiscal Year Total		0	0	0	0	15,100
		Total FY 09-12				0

MPMS# 64275 **PA 309, Commerce to Pennsylvania Ave (2)**
 AQ Code S10 Fort Washington Interchange (Sec. 103)
 Minor SOV Capacity Roadway Rehabilitation
 Subcorr(s): 1A, 14B Upper Dublin Township; Whitemarsh Township
 2030 LRP ID: 07

Let Date: 9/16/2004

This project provides for the construction of the Fort Washington Interchange located between Commerce Rd. and Pennsylvania Avenue on Route 309, Section 103. It involves the replacement of the existing Norfolk Southern Railroad structure to accommodate the wider roadway. See MPMS #16476 for Section 100 which pertains to the roadway and overhead bridges between Haws Road and Highland Ave., not including the Ft. Washington Interchange.

This PA 309 reconstruction project consists of the complete removal and replacement of the existing roadway, widening the shoulders on both sides of the road in each direction, extending the acceleration and deceleration lanes and configuring the PA Turnpike Interchange. See MPMS #'s 16476, 16477, 16479, 64275 and 69799 for components of the Route 309 Reconstruction project.

CMP commitments include transit improvements to SEPTA's R5 regional rail. See DVRPC's CMP 2008 Supplemental Project Status Memorandum for details.

This project may be suitable for ITS treatments.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STU	904				
CON	STP	14,836				
Fiscal Year Total		15,740	0	0	0	0
		Total FY 09-12				15,740

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Montgomery

MPMS# 64798 **North Narberth Ave. (Bridge)**
 AQ Code S19 over AMTRAK / SEPTA
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): 7B Narberth Borough

Let Date: -

Replace this borough owned, through girder type bridge. This bridge currently has one sidewalk.

This project is subject to standard PENNDOT design procedures as defined in the Bicycle/Pedestrian Facilities checklist.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PE	BOO	800				
FD	BOO	352				
FD	183	66				
FD	LOC	22				
CON	BOO					4,400
CON	183					825
CON	LOC					275
Fiscal Year Total		1,240	0	0	0	5,500
		Total FY 09-12		1,240		

MPMS# 64811 **PA 463 Horsham Rd.**
 AQ Code 2020M North Wales Rd. to General Hancock Rd.
 Major SOV Capacity Roadway New Capacity
 Subcorr(s): 8G, 14C Montgomery Township

Let Date: 4/9/2009

Widen a 1,148 m (3,765') section of Horsham Road between General Hancock Boulevard and North Wales Road to 4 lanes. This is the continuation of a roadway widening project along this section of Horsham Road. The first project, S.R. 0463, Section 57S extended from Stump Road to General Hancock Boulevard. When completed Horsham Road will be widened to a minimum of four lanes from Stump Road on the east to North Wales Road on the west. Horsham Road west of North Wales Road is currently four lanes wide. The project will also provide for turning lanes at all intersections as well as a center/left turn lane throughout the projects limits.

(Phase II, companion project to Phase I, TIP # 8757, culvert replacement/widening project.)

CMP commitments include bicycle and intersection improvements. Also see US 202 Section 700 commitments that impact this project. See DVRPC's CMP 2008 Supplemental Project Status Memorandum for details.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
UTL	STU	600				
CON	STU		205			
CON	581		135			
CON	STU			2,539		
CON	581			629		
Fiscal Year Total		600	340	3,168	0	0
		Total FY 09-12		4,108		

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Montgomery

MPMS# 64845 **Terwood Road Bridge**
 AQ Code S19 over Branch of Pennypack Creek
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): 12A Lower Moreland Township

Let Date: -

The existing structure carries Terwood Road over an unnamed tributary to Pennypack Creek in Lower Moreland Township, Montgomery County, Pennsylvania. Terwood Road and the bridge that crosses a tributary of the Pennypack Creek is owned and maintained by PENNDOT. The existing structure is a single span concrete encased steel I-beam bridge supported by stone masonry abutments and has an approximate 5-foot underclearance and a 40 degree skew. The existing roadway width across the structure is 22 feet curb-to-curb and 23.8 feet out to out. The existing bridge is narrower than the approach roadway and does not meet current design criteria. This is a safety issue. The need for this project is to increase the hydraulic opening and to bring the bridge section up to current design standards. Additionally the northern approach is showing erosions problems that will be addressed as part of this project.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	BOO	25				
UTL	BOO	50				
ROW	BOO	100				
CON	BND		1,000			
Fiscal Year Total		175	1,000	0	0	0
		Total FY 09-12			1,175	

MPMS# 64846 **James Street Bridge**
 AQ Code S19 over Macoby Creek
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): Upper Hanover Township

Let Date: 6/18/2009

Bridge Replacement. Let date - October 2011.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
UTL	185	50				
ROW	185	100				
Fiscal Year Total		150	0	0	0	0
		Total FY 09-12			150	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Montgomery

MPMS# 65910 **Ambler Streetscape / Station Landscaping**

AQ Code X9
 Not SOV Capacity Streetscape
 Adding Subcorr(s): Ambler Borough

Project will include the addition of Victorian streetlights, trash receptacles, benches and street trees along Butler Avenue in Ambler Borough's central business district, as well as landscaping around the Ambler train station.

\$552,000 TE funds were approved during the FY2004 project selection process, to be programmed at the appropriate time, drawing funds from MPMS #64984. This project will be designed and constructed concurrently with MPMS #46953.

TOLL CREDIT

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STE					
Fiscal Year Total			0	0	0	0
		Total FY 09-12				

MPMS# 68064 **I-76 West Ramps Phase1- Henderson/Gulph Road Widen**

AQ Code I-76 WB Ramps and Noisewalls-Phase I
 Major SOV Capacity Intersection/Interchange Improvements
 Subcorr(s): 3C, 9B Upper Merion Township
 2030 LRP ID: 54

Let Date: 8/27/2009

The first of three construction projects (see also #48187 & 16211 includes construction of a new I-76 Westbound off ramp from the S. Gulph and Henderson Rd Intersection also includes improvements and construction of a Noisewall along the I-76 Westbound on-ramp between S Henderson & Weadley Rds. Final Design for the project is obligated in MPMS 48187

This project may be suitable for ITS treatments.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	ECON-R	14,500				
CON	ECON-R		300			
Fiscal Year Total		14,500	300	0	0	0
		Total FY 09-12				14,800

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Montgomery

MPMS# 69799 PA 309 ITS Integration

AQ Code S7

Not SOV Capacity Signal/ITS Improvements

Adding Subcorr(s): 1A, Various

14A, 14B

2030 LRP ID: 07

Let Date: 2/9/2007

This project would provide for the installation of ITS elements (conduit, junction boxes, and fiber optics) for the full length of the Route 309 Reconstruction project between Cheltenham Avenue and PA Route 63 in Montgomery County. In addition, ITS infrastructure components would be installed along the Pennsylvania Turnpike between the 309 Fort Washington Interchange and the Plymouth Meeting/Blue Route/I-476 Interchange of the Turnpike in order to better coordinate activity on the two facilities and tie the system into PENNDOT's central Control Center in King of Prussia.

This project contains ITS elements.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	NHS*	1,500				
CON	NHS*		1,500			
CON	STP*			2,448		
Fiscal Year Total		1,500	1,500	2,448	0	0
		Total FY 09-12			5,448	

Pennsylvania - Highway Program

Montgomery

MPMS# 70197 **US 422 (New) Exwy Bridge Over Schuylkill River**
 AQ Code 2020M Part 3 of River Crossing Complex
 Major SOV Capacity Bridge Repair/Replacement
 Subcorr(s): 1A, 9B West Norriton Township; Upper Merion Township
 2030 LRP ID: 61

This project provides for the reconstruction of the existing US 422 bridge over the Schuylkill River, including a new parallel four lane bridge. There are also 2 other smaller bridges included in the limits of the project, one which crosses over Indian Drive, and one which crosses over the Schuylkill River Trail. (See MPMS #16489 for the Old Betzwood Bridge.)

This project is part (3) of the "River Crossing Complex," which is a complex area of roadways, interchanges, intersections, and bridges in and around the Valley Forge National Historic Park. Environmental clearance for various components was undertaken through MPMS #46954, and individual projects have been broken out as follows:

- 1) Relocating the east-bound off ramp at PA 23/US 422 Interchange and relocating North Gulph Road Improvements (MPMS #66952).
- 2) US 422/PA 363 Interchange, including providing movements to/from the west (MPMS #64796) along with the Adams Avenue west-bound off ramp.
- 3) US 422 Betzwood Bridge over the Schuylkill River, rehabilitation and widening of the bridge (MPMS #70197) and a new parallel four (4) lane bridge.
- 4) US 422 Widening for 1.8 miles from PA-363 interchange to the US-202 interchange. This project has not yet been broken out.
- 5) Old Betzwood Bridge Bike/Pedestrian Trail will be re-built as a bike/pedestrian bridge only, and will not re-instate vehicular traffic (MPMS# 16703).
- 6) An early action interim project to provide timely and effective relief to westbound afternoon congestion until the long range projects can fully advance was programmed and constructed as MPMS #74648.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	BOO		3,200			
FD	185		800			
CON	BOO					41,600
CON	185					10,400
Fiscal Year Total		0	4,000	0	0	52,000
			Total FY 09-12		4,000	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Montgomery

MPMS# 70459 *Closed Loop Traffic Signal Operations Program*

AQ Code X

Signal/ITS Improvements

Various

Funds account for Accrued Unbilled Costs

Optimize the efficiency of the highway network through systems operations and management. Completion date is 6/30/08. DVRPC FY2008 Work Program Task

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
STUDY	STU	64				
STUDY	581	16				
Fiscal Year Total		80	0	0	0	0
		Total FY 09-12			80	

MPMS# 70461 *Access Management along PA Highways*

AQ Code X

Other

Various

Funds account for Accrued Unbilled Costs

In support of DVRPC's "Destination 2030" Long Range Plan, and the Department's land use and transportation linkage initiatives, explore innovative approaches to help implement the long range land use and transportation plan, alleviate congestion, and improve the efficiency and safety of the existing transportation network. Completion date is 6/30/08. DVRPC FY08 Unified Work Program Task

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
STUDY	STU	64				
STUDY	581	16				
Fiscal Year Total		80	0	0	0	0
		Total FY 09-12			80	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Montgomery

MPMS# 71174 Rt. 29/Rt. 113, Black Rock to Hopwood Rds.

AQ Code 2010M

Major SOV Capacity

Subcorr(s): 9A, 11A

Signal/ITS Improvements

Upper Providence Township

Let Date: 10/12/2006

The intersection of State Route 113 and Mennonite Road will be signalized, with left turn lanes added on the Route 113 approaches to the intersection. An additional half mile southbound lane on Route 29 will be constructed between a connector road and the eastbound US Route 422 on-ramp. A northbound lane on Route 29 northbound will be constructed between the westbound US Route 422 on/off ramps and Arcola Road, with dual left turn lanes on Route 29, and a new left turn lane on the eastbound US Route 422 off ramp. Several existing turn lanes will be lengthened.

Preconstruction phases have been locally funded. The project is included for Conversion of Advance Construct funding.

CMP commitments include bicycle and intersection improvements. Also see US 202 Section 700 commitments that impact this project. See DVRPC's CMP 2008 Supplemental Project Status Memorandum for details.

SAFETEA DEMO #4812 - \$2.4 MILLION

SAFETEA DEMO #846 - \$2.4 MILLION

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	DEMO	1,173				
Fiscal Year Total		1,173	0	0	0	0
			Total FY 09-12		1,173	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Montgomery

MPMS# 71203 *Flourtown-Erdenheim Community Gateways*

AQ Code X9 Various
 Not SOV Capacity Streetscape
 Adding Subcorr(s): 1A, Springfield Township
 14B

Let Date: 5/21/2009

Establish gateway medians and install street trees to delineate entranceways to the Flourtown and Erdenheim Village Shopping Districts and the Valley Green Road Commercial Center. Gateways will be constructed at three locations, Bethlehem Pike and Valley Green Road, East Mill Road and Penn Oak Road, and Bethlehem Pike and Gordon Road.

\$190,900 TE funds were approved during the FY2004 project selection process, to be programmed at the appropriate time, drawing funds from MPMS #64984.

The following phase(s) will be funded locally:

PE - \$3,200
 FD - \$16,000

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	ECON-R	273				
CON	STE	95				
CON	TOLL					
CON	STE		96			
CON	TOLL					
Fiscal Year Total		368	96	0	0	0
			Total FY 09-12		464	

MPMS# 71206 *Collegeville Streetscape, TE*

AQ Code X9 Streetscape
 Not SOV Capacity Collegeville Borough
 Adding Subcorr(s): 9A, 11A

This effort within Collegeville Borough is to revitalize and beautify Main St. between Third Avenue and Fourth Avenue. The proposed improvements have been developed to encourage walking and to ensure pedestrian safety and driver awareness using pedestrian crossings, lane narrowings, landscaping, street furnishings and lighting.

\$679,526 TE funds were approved during the FY2004 project selection process, to be programmed at the appropriate time, drawing funds from MPMS #64984.

The following phase(s) will be funded locally:

PE - \$17,275
 FD - \$86,377

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STE					
Fiscal Year Total		0	0	0	0	0
			Total FY 09-12			

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Montgomery

MPMS# 71643 **Montgomery ITS Phase 2 - Utility Work**
 AQ Code X I-76, PA 309, I-476
 Signal/ITS Improvements
 Various

Project includes the utility work for ITS components of I-76, PA 309, and I-476 ITS projects.

This project was broken out from MPMS #48185 (Intelligent Transportation System (ITS) for I-76 Schuylkill Expressway) and MPMS #59522 (Pennsylvania Turnpike Northeast Extension (I-476)/PA 309 Corridor Incident Traffic Mgt), which are programmed only for ITS construction work.

This project is programmed with a \$1 Million 2004 Appropriations Earmark (PA ID# 261)

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
UTL	SXF		1,000			
Fiscal Year Total		0	1,000	0	0	0
		Total FY 09-12		1,000		

MPMS# 72974 **Anderson Ave. Bridge/Underpass/Streetscape HTSSRS**

AQ Code A2
 Not SOV Capacity Bicycle/Pedestrian Improvement
 Adding Subcorr(s): 7B Lower Merion Township

Let Date: -

The Home Town Streets/Safe Routes to School (HTSSRS) programs aim to encourage reinvestment in and redevelopment of our downtowns, and to establish safe walking routes for children to commute to school.

The Anderson Avenue underpass is the only pedestrian and auto passageway linking the Ardmore R-5 Amtrak/Septa station and tracks that bisect the business district. The underpass is in serious disrepair deterring pedestrians from walking from the station and Suburban Square shopping center to the Ardmore business district. The improvements will create a safer pedestrian and auto environment.

This project was recommended in the spring of 2005 for funding through the HTSSRS program. \$518,880 funding will be drawn down at the appropriate time.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	TOLL					
CON	STE	519				
Fiscal Year Total		519	0	0	0	0
		Total FY 09-12		519		

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Montgomery

MPMS# 72977 *Butler Pike Pedestrian Walkway Improvements HTSSRS*

AQ Code A2
 Not SOV Capacity Bicycle/Pedestrian Improvement
 Adding Subcorr(s): 2B, Whitemarsh Township
 15B

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.

The proposed improvement include 150 LF of 6' wide sidewalk, curbing and segmental block wall, 4 ADA Access Ramps, crosswalk striping, installation of 5 push button access & 6 pedestrian head signals, 2 bus shelters with street furniture along SEPTA Bus Route 95 i.e. Germantown Pike (SR 3053) from Whitemarsh High School to Butler Pike (SR 3016) and at the intersection of S.R. 3053 & S.R. 3016.

This project was recommended in the spring of 2005 for funding through the HTSSRS program. \$187,335 funding will be drawn down at the appropriate time.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STE					
Fiscal Year Total			0	0	0	0
		Total FY 09-12				

MPMS# 72978 *Norristown Main St. Streetscape Phase III HTSSRS*

AQ Code A2
 Not SOV Capacity Bicycle/Pedestrian Improvement
 Adding Subcorr(s): 8E, Norristown Borough
 9B

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.

Continuation of existing streetscape improvement project. Phase III will consist of new sidewalks to improve pedestrian safety and increase foot traffic in the Borough's main commercial corridor along Main Street from Cherry Street to Barbadoes Street. New street trees, historic lightning and other amenities will be provided once the improvements are completed. Improvements will eliminate existing tripping hazards and ensure ADA compliance.

This project was recommended in the spring of 2005 for funding through the HTSSRS program. \$529,840 funding will be drawn down at the appropriate time.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STE					
Fiscal Year Total			0	0	0	0
		Total FY 09-12				

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Montgomery

MPMS# 72992 **Glenside Streetscape & Traffic Calming HTSSRS**

AQ Code A2

Not SOV Capacity Bicycle/Pedestrian Improvement

Adding Subcorr(s): 14B Cheltenham Township

Construct Pedestrian Access Improvements and Traffic Calming Measures along Easton Rd. Through the Glenside Commercial District between, approximately, Church Road (PA 73) and Mt. Carmel Avenue in Cheltenham Township. Improvements will include sidewalks, lighting, ornamental traffic signals, benches, trash receptacles, street trees, bus shelters, crosswalks and stamped asphalt.

Streetscape & traffic calming improvements on Easton Road, the main thoroughfare in the Glenside Commercial District. The goal is to slow traffic while maintaining current volumes and to create safer and orderly pedestrian-friendly environments, improve vehicular circulation, and a more walkable community.

The Home Town Streets/Safe Routes to School (HTSSRS) programs aim to encourage reinvestment in and redevelopment of our downtowns, and to establish safe walking routes for children to commute to school.

This project was recommended in the spring of 2005 for funding through the HTSSRS program. \$500,000 funding will be drawn down at the appropriate time.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STE					
Fiscal Year Total			0	0	0	0
		Total FY 09-12				

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Montgomery

MPMS# 72994 York Road (SR 263) Hatboro Revitalization HTSSRS

AQ Code A2

Not SOV Capacity

Adding Subcorr(s): 1A,
12A

Streetscape

Hatboro Borough

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.

Streetscape improvements are proposed along York Road (SR 263) between Horsham Road and Summit Avenue to reestablish the Hatboro downtown and commercial centers by improving pedestrian facilities and safety. Improvements will consist of gateway signage, street lightning, street trees, brick and/or textured crosswalks, benches, trash receptacles and landscaping.

This project was recommended in the spring of 2005 for funding through the HTSSRS program. \$800,998 funding will be drawn down at the appropriate time.

SAFETEA DEMO 109, PA ID #308 - \$1 MILLION DEMO has been broken out to MPMS #74817 for use on this project.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
Fiscal Year Total		0	0	0	0	
		Total FY 09-12				

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Montgomery

MPMS# 74648 **US 422 Interim Improvements, River Cross. Cmplx.**
 AQ Code 2010M PA 23 to PA 363/Trooper Rd. Interchange
 Minor SOV Capacity Intersection/Interchange Improvements
 Subcorr(s): 1A, 9B Lower Providence Township; West Norriton Township; Upper Merion Township
 2030 LRP ID: 61

Let Date: 9/27/2007

Funds Account for Accrued Unbilled Costs

This project is an early action element drawn from the projects that constitute the River Crossing Complex area of roadways, interchanges, intersections, and bridges in and around the Valley Forge National Historic Park. (see MPMS #'s 66952, 64798, and 70197). The goal of this early action is to provide timely and effective relief to westbound afternoon congestion until the long range projects can fully advance.

Improvements include: 1) modification of existing ramp from US 422 to PA 23 eastbound with signalized intersection at PA 23 to accommodate both east and westbound PA 23 traffic; 2) closure of existing loop off-ramp from US 422 westbound to PA 23 westbound to eliminate weaving conditions with traffic entering from adjacent PA 23 eastbound on-ramp to US 422 westbound; 3) construct added third lane onto US 422 westbound from loop on ramp for approximately a half mile to the Trooper Road/363 Interchange.

The total projected cost of the construction phase for the interim improvements is \$5 million, to be funded through earmarks. The FY06 final design phase is funded through a SAFETEA LU earmark totalling \$800,000 DEMO/\$200,000 match.

SAFETEA DEMO #3370 - \$800,000 (\$240,000 DEMO programmed in FY06 for FD)
 SAFETEA DEMO #20 - \$20 MILLION TOTAL (\$3.46 MILLION FOR THIS PROJECT, \$16.54 MILLION FOR MPMS #66952.)

This project may be suitable for ITS treatments.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	NHS		1,230			
CON	581		308			
Fiscal Year Total		0	1,538	0	0	0
			Total FY 09-12		1,538	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Montgomery

MPMS# 74801 **Bethlehem Pike Streetscapes**
 AQ Code A2 Flourtown and Erdenheim
 Streetscape
 Springfield Township

Let Date: 8/6/2009

This project is the design of the Bethlehem Pike Streetscape project within Springfield Township, Montgomery County. The goal of the project is to complete streetscape improvements in the central business districts of Flourtown and Erdenheim to create a pedestrian oriented "main street" atmosphere, improve pedestrian safety and enhance commercial activities. The project includes streetscape enhancements including stamped crosswalks, sidewalk reconstruction at the corners of prominent intersections, ornamental street lighting, ornamental signal poles, and installation of street trees. This project will be broken up into two separate portions of Bethlehem Pike. The Flourtown area will be along Bethlehem Pike from Springfield Avenue heading south to Wissahickon Avenue. The Erdenheim area of Bethlehem Pike will start at Yeakel Avenue and head south past Gordon Lane to the entrance of the Cisco Park.

This project was awarded TSCP funds in 2009 (\$444,600)

SAFETEA-LU earmark
 \$800,000 (Fed ID# 1153, PA ID# 377)

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	SXF	800				
CON	TOLL					
CON	TOLL					
CON	TCS		445			
Fiscal Year Total		800	445	0	0	0
		Total FY 09-12			1,245	

MPMS# 74802 **Norristown Parking Facility**
 AQ Code X12 Main and Cherry Streets
 Not SOV Capacity Other
 Adding Subcorr(s): 8E, Norristown Borough
 9B

Let Date: 3/15/2007

This project will help fund the construction of the Norristown parking garage, a new 500 space parking facility at the corner of Main and Cherry Streets in Norristown. The Redevelopment Authority of Montgomery County (RAMC) plans to construct a multi-level parking garage to replace an existing surface parking lot between Cherry, Main, and Penn Streets in the Borough of Norristown, Pennsylvania. The new parking structure will include retail space which will front on Main Street and Cherry Street. Preconstruction activities and the balance of the construction costs are being funded by Montgomery County through a variety of sources, and construction is estimated at approximately \$10.5 million. The SAFETEA LU earmark for this project totaled \$2 million federal funds. The project is included for Conversion of Advance Construct funding.

SAFETEA DEMO # - \$2 MILLION

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	SXF	400				
Fiscal Year Total		400	0	0	0	0
		Total FY 09-12			400	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Montgomery

MPMS# 74803 *Main Street in Lansdale Pedestrian Project*

AQ Code X12
 Not SOV Capacity Streetscape
 Adding Subcorr(s): Lansdale Borough
 14C, 14D

Let Date: -

Reconstruction of curbs and sidewalks, and streetscape improvements on Main Street between Broad and Richardson Streets.

SAFETEA DEMO ID #2443 - \$640,000. PA ID #448. Any additional funds required to complete the project will be provided locally.

This project is a companion to MPMS #74804 (streetscape earmark) and MPMS#77461 (Home Town Streets

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
UTL	TOLL					
UTL	SXF		250			
CON	SXF		885			
CON	TOLL					
CON	TCS		500			
Fiscal Year Total		0	1,635	0	0	0
		Total FY 09-12			1,635	

MPMS# 74804 *Mill Street Improvement Project*

AQ Code S19
 Not SOV Capacity Green Street to Richardson Avenue.
 Adding Subcorr(s): Bicycle/Pedestrian Improvement
 14C, 14D Lansdale Borough

Let Date: -

Reconstruction of curbs and sidewalks, utility relocation, and improved roadway drainage. This project will contribute to Transit Oriented Development to what is currently a parking area adjacent to SEPTA's Lansdale station.

SAFETEA DEMO ID #2046 - \$720,000. PA ID #424. Any additional funds required to complete the project will be provided locally.

This project is a companion to MPMS #74803 (streetscape earmark) and MPMS#77461 (Home Town Streets).

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	SXF		720			
Fiscal Year Total		0	720	0	0	0
		Total FY 09-12			720	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Montgomery

MPMS# 74807 **North Broad Streetscape Improvements**

AQ Code X9 Lansing Ave to Lynwood Rd
 Not SOV Capacity Streetscape
 Adding Subcorr(s): 14c Hatfield Township

The project will include streetscape improvements such as concrete sidewalks, curbs and street plantings. The preliminary engineering phase was completed by Hatfield Township in 2008.

SAFETEA-LU Earmark, ID# 3514, PA ID# 516 - \$100,000
 \$20,000 will be provided by Lansdale Warehouse
 \$20,000 will be provided by Hatfield Township

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	DEMO	100				
CON	TOLL					
CON	LOCAL	40				
Fiscal Year Total		140	0	0	0	0
		Total FY 09-12			140	

MPMS# 74808 **Old York Rd Street Imprv**

AQ Code S6 Jenkintown Borough
 Not SOV Capacity Bicycle/Pedestrian Improvement
 Adding Subcorr(s): 14B

Let Date: -

This project will reconstruct curb, sidewalk, lighting and landscaping along Old York Road from Summit Avenue to Cherry Street. The goal is to improve the appearance of downtown Jenkintown, improve pedestrian safety, and to promote revitalization of the downtown area. The existing streetscape elements are outdated and in need of aesthetic upgrade and safety improvements.
 SAFETEA DEMO #7515, PA ID #517 - \$800,000

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	SXF		800			
CON	TOLL					
Fiscal Year Total		0	800	0	0	0
		Total FY 09-12			800	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Montgomery

MPMS# 74811 **PA 73 Skippack Pike at Narcissa**
 AQ Code R1 Lewis and Narcissa/Prophecy Park
 Not SOV Capacity Intersection/Interchange Improvements
 Adding Subcorr(s): 8g Whitpain Township

Let Date: 8/6/2009

This project involves the construction of a new/relocated entrance into Prophecy Creek Park located in Whitpain Township, Montgomery County. Additional roadway and drainage improvements are required to facilitate the engineering design of the new park entrance, including a new signalized intersection at Skippack Pike and Narcissa Road and exclusive left turn lanes. The new entrance road will intersect with Skippack Pike at Narcissa Road which is a shift of approximately 75-feet from its current location. This will improve safety of park visitors when entering and leaving Prophecy Park

\$480,000 SAFETEA LU DEMO funds were made available for this project. All other required project costs will be provided by local matching funds.

SAFETEA DEMO #3517 - \$480,000. PA ID #519. Any additional funds required to complete the project will be provided locally.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	SXF	480				
CON	LOC	290				
CON	TOLL					
CON	TCS		222			
Fiscal Year Total		770	222	0	0	0
		Total FY 09-12			992	

MPMS# 74812 **Susquehanna Road Bridge Reconstruction**

AQ Code S19 On SR 2017 over Sandy Run Creek
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): Abington Township

Let Date: -

Construction of a parallel box culvert to the existing bridge to improve the hydraulic opening and address area flooding. Existing roadway width (which accommodates bicycles) and sidewalks will be maintained. This project is part of an overall upgrade of the Sandy Run channel. PaDEP is advancing a project to improve the channel downstream of this location.

SAFETEA DEMO ID #53 - \$1.6 million. PA ID #301. \$140,000 DEMO applied to this project. Also see MPMS #77804 and 77805. Any additional funds required to complete the project will be provided locally.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	SXF	120				
FD	LOC	30				
UTL	SXF	20				
UTL	LOC	5				
CON	LOCAL				1,100	
Fiscal Year Total		175	0	0	1,100	0
		Total FY 09-12			1,275	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Montgomery

MPMS# 74813 *Ambler Pedestrian Sidewalk Improvements*

AQ Code X12
 Not SOV Capacity Bicycle/Pedestrian Improvement
 Adding Subcorr(s): Ambler Borough

Let Date: -

Ambler streetscape improvement including curb and sidewalk reconstruction along Orange, Highland, Southern, Park, and Spring Avenues.

Any additional funds required to complete the project will be provided locally.
 SAFETEA DEMO #2058 - \$520,000. PA ID #425. \$354,000 DEMO applied to this project. Also see MPMS #48173.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	SXF	354				
CON	LOC	88				
Fiscal Year Total		442	0	0	0	0
		Total FY 09-12		442		

MPMS# 74814 *Upper Dublin Twp Street Improvement Project*

AQ Code S10 Virginia Dr and Commerce Dr
 Not SOV Capacity Roadway Rehabilitation
 Adding Subcorr(s): 1A, Upper Dublin Township
 14B

This project will include the reconstruction of the existing four lane main thoroughfare of Virginia Drive and Commerce Drive serving the Fort Washington Office Center. This project will involve base repair, reclamation of the existing paving and a portion of the stone base, and application of superpave binder and wearing courses. Any additional funds required to complete the project will be provided locally. The Total Project Cost is \$1,515,392.

SAFETEA-LU Earmark - ID 3518/PA ID #520 - \$1.2 million

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	SXF			1,200		
Fiscal Year Total		0	0	1,200	0	0
		Total FY 09-12		1,200		

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Montgomery

MPMS# 74815 **Upper Gwynedd Streetscape Improvements**

AQ Code X12 West Point and Garfield Avenues
 Not SOV Capacity Streetscape
 Adding Subcorr(s): 8F, Upper Gwynedd Township
 14C

Let Date: -

Streetscape improvement at West Point and Garfield Avenues, including curb and sidewalk reconstruction and improved lighting in the four block section surrounding the intersection of West Point and Garfield Avenues.

Any additional funds required to complete the project will be provided locally.
 SAFETEA DEMO ID #3519 - \$300,000. PA ID #521

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	SXF		300			
Fiscal Year Total		0	300	0	0	0
		Total FY 09-12				300

MPMS# 74817 **York Road (SR 263) Hatboro Revitalization**

AQ Code A2
 Not SOV Capacity Streetscape
 Adding Subcorr(s):
 12a, 14f

Let Date: -

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.

Streetscape improvements are proposed along York Road (SR 263) between Horsham Road and Summit Avenue to reestablish the Hatboro downtown and commercial centers by improving pedestrian facilities and safety. Improvements will consist of gateway signage, street lightning, street trees, brick and/or textured crosswalks, benches, trash receptacles and landscaping.

This project was recommended in the spring of 2005 for funding through the HTSSRS program. \$800,998 funding will be drawn down at the appropriate time and programmed in MPMS #72994 for this project.

SAFETEA DEMO 109, PA ID #308 - \$1 MILLION DEMO has been programmed for this project in MPMS #74817.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	SXF	1,000				
CON	LOCAL	250				
Fiscal Year Total		1,250	0	0	0	0
		Total FY 09-12				1,250

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Montgomery

MPMS# 74937 **Whitemarsh Township Street Improvements**
 AQ Code S6 Germantown Pk from Church to Joshua Rds
 Not SOV Capacity Streetscape
 Adding Subcorr(s): 1A, Whitemarsh Township
 2B, 14B, 15B

Let Date: -

Improvements necessary to enhance pedestrian movement, safety, and calm traffic along Germantown Pike (SR 3053), from Joshua Road (SR 3014) to Church Road. Included will be the construction of a roundabout at the intersection of Church Road and Germantown Pike; the installation of new curb, curb bump-outs, sidewalks, ADA ramps, pedestrian crosswalks, street furniture, lighting, traffic signal modification, on-street parking, and landscaping; along with other related street improvements on Germantown Pike from Ridge Pike to Joshua Road and from Joshua Road to Church Road

Schoor DePalma, along with Cultural Resource Consultant, CRCG Inc., will be performing all required topographic surveying and base mapping; preliminary and final design, drawings, and construction details; cultural resources survey; traffic planning; construction bidding; and construction inspection services

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

(2) SAFETEA-LU earmarks, ID# 3516/ PA ID# 518 (\$640,000); ID #2556/PA ID# 453 (\$1.2 mil). MPMS #74937/74816

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	SXF	1,872				
CON	LOC	368				
CON	SXF		368			
CON	LOC		92			
Fiscal Year Total		2,240	460	0	0	0
			Total FY 09-12		2,700	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Montgomery

MPMS# 75764 **SalfrdSta/Mil Race&Perkio**
 AQ Code S19 Upper Salford Twp
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): Upper Salford Township; Lower Frederick Township

Let Date: -

This project entails the replacement of two bridges. Salford Station Road (SR 1024) over a Mill Race and Salford Station Road over the Perkiomen Creek. The bridge over the Mill Race is a concrete encased steel I-beam bridge with concrete parapets. The bridge over the Perkiomen is a through girder.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PE	STU	150				
PE	STU		310			
PE	581		77			
FD	916		1,000			
UTL	916		100			
ROW	916		100			
CON	916			4,000		
CON	916				4,000	
Fiscal Year Total		150	1,587	4,000	4,000	0
			Total FY 09-12		9,737	

MPMS# 77461 **Broad Street Corridor Streetscape**

AQ Code X12
 Not SOV Capacity Streetscape
 Adding Subcorr(s): Lansdale Borough
 14C, 14D

The Borough of Lansdale will undertake streetscape improvements along Broad Street.

In the spring of 2006 this project was recommended for funding through the HTSSRS/TE Program. \$886,020 will be drawn from MPMS #64984 at the appropriate time.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STE		66			
CON	STE			820		
CON	TOLL					
Fiscal Year Total		0	66	820	0	0
			Total FY 09-12		886	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Montgomery

MPMS# 77462 *Collegetown Main Street Revitalization, Phase II*

AQ Code X12
 Not SOV Capacity Streetscape
 Adding Subcorr(s): 9A Collegetown Borough

Enhance the pedestrian experience on Main Street by completing curb, sidewalk, landscape, and lighting improvements between 1st Ave and 4th Ave.

In the spring of 2006 this project was recommended for funding through the HTSSRS/TE Program. \$522,950 would have been drawn from MPMS #64984 at the appropriate time, but this project has since been identified as a "stimulus" project to be funded from statewide funds made available via the American Recovery and Reinvestment Act of 2009.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STE			1,097		
Fiscal Year Total		0	0	1,097	0	0
		Total FY 09-12			1,097	

MPMS# 77463 *Glenside Streetscape/Traffic Calming (Phase II)*

AQ Code X12
 Not SOV Capacity Streetscape
 Adding Subcorr(s): Cheltenham Township
 14A, 14B, 15B

This project provides for the installation of streetscape and traffic calming improvements on Easton Road, which is the main thoroughfare in the Glenside Commercial District.

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.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STE					
Fiscal Year Total		0	0	0	0	0
		Total FY 09-12			0	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Montgomery

MPMS# 77804 *Huntingdon Pike Traffic Signal Upgrade*

AQ Code 2020M
 Minor SOV Capacity Signal/ITS Improvements
 Subcorr(s): 5G, 12A Abington Township

Let Date: -

Upgrade traffic signals along 2.3 miles along Huntingdon Pike from Lower Rockledge to Lower Moreland. The Borough of Rockledge and the City of Philadelphia have partnered to coordinate the lights along the Huntingdon Pike/Rahwn Street corridor. Upgrades will include new poles, signals, underground wiring and battery back-up systems. The central monitoring station will be located in Abington Township which already operates three other closed loop systems. Additional equipment at the Township building and training are not required. The system will operate on pre-programmed timings that vary by time of day. Remote access will be provided via a phone drop. Huntingdon Pike is not part of the regional ITS plan.

SAFETEA DEMO ID #53 - \$1.6 million. PA ID #301. \$600,000 DEMO applied to this project. Also see MPMS #77805 and 74812. \$544,000 DEMO applied to this project.

Also see MPMS #77805 and 74812. Any additional funds required to complete the project will be provided locally.

This project contains ITS elements.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	SXF		916			
CON	LOC		229			
CON	STU			120		
CON	LOC			30		
Fiscal Year Total		0	1,145	150	0	0
			Total FY 09-12		1,295	

MPMS# 77805 *Edge Hill Road Pedestrian and Road Improvements*

AQ Code S19 Old York Road to Woodland
 Not SOV Capacity Bicycle/Pedestrian Improvement
 Adding Subcorr(s): 14B Abington Township

Let Date: 5/7/2009

Sidewalk and roadway drainage improvements to the state road in the vicinity of the new elementary school.

SAFETEA DEMO ID #53 - \$1.6 million. PA ID #301. \$400,000 DEMO applied to this project. Also see MPMS #77804 and 74812. Any additional funds required to complete the project will be provided locally.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STP	90				
CON	SXF		256			
CON	STP		304			
CON	LOC		64			
CON	LOCAL		76			
Fiscal Year Total		90	700	0	0	0
			Total FY 09-12		790	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Montgomery

MPMS# 78742 *Lafayette Av O/Wssachickn*
 AQ Code S19 UPPER DUBLIN TWP
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): 1A,
 14B

Let Date: -

Bridge Replacement

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PE	BND	132				
FD	BND		132			
CON	916					1,574
Fiscal Year Total		132	132	0	0	1,574
		Total FY 09-12		264		

MPMS# 79863 *Lafayette St- Ford St to Conshohocken Rd. (MGP)*

AQ Code 2020M Ford Street to Conshohocken
 Major SOV Capacity Roadway New Capacity
 Subcorr(s): 1A, 8E, 9B Norristown Borough; Plymouth Township

This project (Section MGP) will extend Lafayette Street as a four lane roadway on a new alignment to tie into a new PA Turnpike interchange. This new section between Ford Street and Conshohocken Road will be constructed and will provide turn lanes onto Conshohocken Road. Also reconstruct and widen Ridge Pike from Norristown Borough Line to PA Turnpike. Upgrade and coordinate signals.

This project is a component of a much larger project aimed at extending Lafayette Street past its current terminus at Ford Street to Conshohocken Road, and building new slip-ramps at that point to connect Lafayette Street with the Pennsylvania Turnpike. In addition to the proposed new roadway, the existing Schuylkill River bike/pedestrian trail will be realigned as a multi-purpose trail for public access and recreational use as part of the project. Further, the long term goal is to construct an interchange at the Dannehower Bridge/Lafayette Street intersection.

With an overall construction estimate of approximately \$115 million, this project has been broken down into several sections. See MPMS #'s 57858, 79864, and 79928.

TEA 21 DEMO -\$10 million (\$7.178 MILLION AVAIL 1/06)
 2004 DEMO - \$750,000
 SAFETEA DEMO #4809, PA ID# 619 - \$500,000
 SAFETEA DEMO #91, PA ID# 306 - \$9.120 MILLION

This project contains ITS elements.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
ROW	SXF					6,400
ROW	LOC					1,600
CON	STP					27,000
CON	LOC					6,000
Fiscal Year Total		0	0	0	0	41,000
		Total FY 09-12		0		

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Montgomery

MPMS# 79864 **Lafayette St - Barbados St. to Ford St.(MGN)**
 AQ Code 2020M Barbados St. to Ford St.
 Major SOV Capacity Roadway New Capacity
 Subcorr(s): 1A, 8E, 9B Norristown Borough

This project (Section MGN) will reconstruct and widen existing Lafayette Street from 2 to 4 lanes between Barbados and Ford Streets, as well as provide turn lanes and upgrade signals.

This project is a component of a much larger project aimed at extending Lafayette Street past its current terminus at Ford Street to Conshohocken Road, and building new slip-ramps at that point to connect Lafayette Street with the Pennsylvania Turnpike. In addition to the proposed new roadway, the existing Schuylkill River bike/pedestrian trail will be realigned as a multi-purpose trail for public access and recreational use as part of the project. Further, the long term goal is to construct an interchange at the Dannehower Bridge/Lafayette Street intersection.

With an overall construction estimate of approximately \$115 million, this project has been broken down into several sections. See MPMS #'s 57858, 79863, and 79928.

TEA 21 DEMO -\$10 million (\$7.178 MILLION AVAIL 1/06)
 2004 DEMO - \$750,000
 SAFETEA DEMO #4809, PA ID# 619 - \$500,000
 SAFETEA DEMO #91, PA ID# 306 - \$9.120 MILLION

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
ROW	SXF	1,924				
ROW	LOC	481				
CON	SXF					8,320
CON	LOC					2,080
Fiscal Year Total		2,405	0	0	0	10,400
			Total FY 09-12		2,405	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Montgomery

MPMS# 79928 **Lafayette St./US 202 Dannehower Bridge Intchg (MGD)**
 AQ Code 2030M Norristown Borough
 Major SOV Capacity Roadway New Capacity
 Subcorr(s): 1A, 8E, 9B

This project (Section MGD) will provide for the construction of a half diamond interchange from Dannehower Bridge to a newly relocated Lafayette Street, including a north-bound off-ramp and a south-boundonn-ramp. Additinally, reconstruct the Dannehower Bridge.

This project is a component of a much larger project aimed at extending Lafayette Street past its current terminus at Ford Street to Conshohocken Road, and building new slip-ramps at that point to connect Lafayette Street with the Pennsylvania Turnpike. In addition to the proposed new roadway, the existing Schuylkill River bike/pedestrian trail will be realigned as a multi-purpose trail for public access and recreational use as part of the project. The long term goal is to construct an interchange at the Dannehower Bridge/Lafayette Street intersection.

With an overall construction estimate of approximately \$115 million, this project has been broken down into several sections. See MPMS #'s 57858, 79863, and 79864.

TEA 21 DEMO -\$10 million (\$7.178 MILLION AVAIL 1/06)
 2004 DEMO - \$750,000
 SAFETEA DEMO #4809, PA ID# 619 - \$500,000
 SAFETEA DEMO #91, PA ID# 306 - \$9.120 MILLION

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STP					46,000
CON	LOC					11,500
Fiscal Year Total		0	0	0	0	57,500
		Total FY 09-12			0	

Pennsylvania - Highway Program

Montgomery

MPMS# 80021 US 202 - Markley St Improvements (Section 510)

AQ Code 2020M NORRISTOWN BORO
 Major SOV Capacity Roadway New Capacity
 Subcorr(s): 1A, 8E, 9B Norristown Borough
 2030 LRP ID: 21

Let Date: -

This project provides for the widening and reconstruction of Section 510 of US Route 202/ Markley Street (SR 3020 and Norristown Borough Street) from approximately 700 feet south of Main Street (local street) to Johnson Highway (SR 3017) for a total length of approximately 8,500 linear feet; and on Johnson Highway (SR 3017) from Markley Street to Powell Street (local street) for a total length of approximately 2,200 feet. Between Main Street (local street) and Marshall Street (local street), Markley Street is a four-lane divided street with no parking permitted. Between Marshall Street and Johnson Highway (SR 3017), it is a two-lane street, with parking typically permitted on both sides. The reconstruction and widening of Markley Street is described in the following sections:

Harding Boulevard to Johnson Highway:

Reconstruction of the two-lane cross-section between as a three-lane roadway, with one northbound lane, one southbound lane, and one two-way left turn lane. The roadway widening will follow the existing alignment. Total pavement reconstruction is anticipated.

Corridor-Wide Improvements:

The corridor-wide improvements will include traffic signal upgrades at the six signalized intersections, highway lighting, and pedestrian accommodations (including pedestrian signals, sidewalks, crosswalks, and bump outs).

Johnson Highway (SR 3017) Improvements:

The improvements along Johnson Highway will primarily involve pavement marking and signing, and will include some widening at the intersection with Markley Street and radius improvements at local roadways.

This project is the construction work broken out from MPMS #16665, which incorporates all pre-construction phases (UTL and ROW) for MPMS# 80021 (Section 510) and 80022 (Section 520), companion project.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	CAQ					13,600
CON	581					3,400
Fiscal Year Total		0	0	0	0	17,000
		Total FY 09-12				0

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Montgomery

MPMS# 80022 **US 202 - Markley St. Improvements (Section 520)**
 AQ Code 2020M NORRISTOWN BORO
 Major SOV Capacity Roadway New Capacity
 Subcorr(s): 1A, 8E, 9B Norristown Borough; East Norriton Township
 2030 LRP ID: 21

Let Date: -

This project provides for the widening and reconstruction of Section 520 of US Route 202/Markley Street (SR 3020 and Norristown Borough Street) from approximately 700 feet south of Main Street (local street) to Johnson Highway (SR 3017) for a total length of approximately 8,500 linear feet and on Johnson Highway (SR 3017) from Markley Street to Powell Street (local street) for a total length of approximately 2,200 feet. Between Main Street (local street) and Marshall Street (local street), Markley Street is a four-lane divided street with no parking permitted. Between Marshall Street and Johnson Highway (SR 3017), it is a two-lane street, with parking typically permitted on both sides. The reconstruction and widening of Markley Street is described in the following sections:

Main Street to Marshall Street:

Reconstruction of the existing four-lane cross-section, which will involve replacement of the existing "Bailey Bridge" carrying the northbound lanes over Stony Creek and rehabilitation of the box beam structure carrying the southbound lanes over Stony Creek. Also included in this section will be rehabilitation of the Main Street arch bridge over Stony Creek. In general, the roadway reconstruction will take place within the existing roadway footprint or will involve minor widening. More significant widening will occur at the intersection with Main Street to provide two northbound left turn lanes from Markley Street to Main Street. Total pavement reconstruction is anticipated.

Marshall Street to Harding Boulevard:

Reconstruction of the two-lane cross-section as a four-lane roadway, with one northbound lane, two southbound lanes, and one two-way left turn lane. This work also includes the rehabilitation of the arch bridge over Stony Creek at Elm Street. The roadway widening will follow the existing alignment. Total pavement reconstruction is anticipated.

This project is the construction work broken out from MPMS #16665, which incorporates all pre-construction phases (UTL and ROW) for MPMS# 80022 (Section 510) and 80021 (Section 520), companion project.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STU					11,200
CON	581					2,800
Fiscal Year Total		0	0	0	0	14,000
		Total FY 09-12				0

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Montgomery

MPMS# 80052 *Fetters Mill over Pennypack Circle*

AQ Code S19

Not SOV Capacity Bridge Repair/Replacement

Adding Subcorr(s): Lower Moreland Township; Bryn Athyn Borough

Let Date: -

Bridge Rehabilitation

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PE	STP		326			
PE	185		61			
PE	LOC		20			
FD	STP					160
FD	185					30
FD	LOC					10
ROW	STP					80
ROW	185					15
ROW	LOC					5
CON	STP					1,600
CON	185					300
CON	LOC					100
Fiscal Year Total		0	407	0	0	2,300
		Total FY 09-12		407		

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Montgomery

MPMS# 80053 *Knight Road over Green Lane Reservoir*

AQ Code S19

Not SOV Capacity Bridge Repair/Replacement

Adding Subcorr(s): Upper Hanover Township

Let Date: -

Bridge Replacement

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	BOO				160	
FD	185				30	
FD	LOC				10	
UTL	BOO					36
UTL	185					6
UTL	LOC					2
ROW	BOO					80
ROW	185					15
ROW	LOC					5
CON	BOO					1,440
CON	185					270
CON	LOC					90
Fiscal Year Total		0	0	0	200	1,944
		Total FY 09-12			200	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Montgomery

MPMS# 80479 **I-476 Roadway Reconstruction/MidCounty Expswy**
 AQ Code S10 I-76 Mid County Toll Plaza to I-76
 Not SOV Capacity Roadway Rehabilitation
 Adding Subcorr(s): 2B, Lower Merion Township; Plymouth Township; West Conshohocken Borough
 3C

Let Date: 7/30/2009

This project involves the total reconstruction project of 3.5 miles of I-476 from the Schuylkill Expressway (I-76) to the Mid-County Toll Plaza of the Pennsylvania Turnpike (I-276).

In general, the existing roadway consists of 3-12' lanes, with 10' wide outside shoulders and predominately 4' wide paved inside shoulders each way. The purpose of this reconstruction is to replace the pavement and rehabilitate seven (8) dual mainline bridges and one (1) overhead bridge. Major tasks will include roadway reconstruction, shoulder widening, sinkhole remediation, signing upgrades, acceleration/deceleration lane upgrades, drainage improvements, and bridge rehabilitation work.

Also see MPMS #16737 in the Interstate Management Program. Components of this project have already been advanced under MPMS #'s 77523, 83603, and 83606. Total roadway construction estimate is \$112 million.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	NHS	26,835				
CON	ECON-R	3,520				
CON	TOLL					
CON	NHS		20,258			
CON	ECON-R		246			
CON	NHS			2,751		
CON	STU			5,180		
CON	STP			2,568		
CON	TOLL					
CON	TOLL					
CON	TOLL					
CON	TOLL					
CON	STU				8,150	
CON	NHS				8,667	
Fiscal Year Total		30,355	20,504	10,499	16,817	0
			Total FY 09-12		78,175	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Montgomery

MPMS# 83643 *Limekiln Pike o/SEPTA RR*
 AQ Code S1 Abington Township
 Montgomery County
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): 14B Abington Township

Let Date: -

Replace bridge superstructure on Limekiln Pike over SEPTA in Abington Township.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PE	BND	200				
FD	BND		200			
UTL	BND		500			
CON	BND				2,385	
Fiscal Year Total		200	700	0	2,385	0
		Total FY 09-12			3,285	

MPMS# 83742 *Keim St o/Schuylkill Riv*
 AQ Code S19 In Pottstown (Mont.) & North Coventry T
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s):

Existing structure is 8 span, 749' steel Pony Truss over Schuylkill River. Posted for 22 tons, carries two 10' lanes and one 5' sidewalk. Proposed structure to meet current design standards is two 12'lanes, two 6' shoulders, one 5-6' sidewalk

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PE	BOO	605				
PE	183	113				
PE	LOC	3				
FD	BOO			680		
FD	183			128		
FD	LOC			43		
UTL	BOO					40
UTL	183					7
UTL	LOC					2
Fiscal Year Total		721	0	851	0	49
		Total FY 09-12			1,572	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Montgomery

MPMS# 84024 *Raised Pavement Markers*

AQ Code S11

Bicycle/Pedestrian Improvement
Various

FUNDS ACCOUNT FOR ACCRUED UNBILLED COSTS

Install snowplowable Raised Pavement Markers

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STU		40			
Fiscal Year Total		0	40	0	0	0
		Total FY 09-12			40	

MPMS# 84076 *Memorial Park Drive*

AQ Code NRS

PA 611 to Easton Road
Other
Upper Moreland Township

Construction of a new 2 lane driveway from 611/Easton Rd intersection, providing 4th leg, to provide access to Memorial Park and SEPTA's inbound Willow Grove parking lot. Reconstruct parking facilities, improvements to intersection of 611/Easton Rd, site lighting, landscaping and hardscape.

2008 Appropriations Earmark - PA ID# 703

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	SXF	294				
CON	LOC	1,406				
Fiscal Year Total		1,700	0	0	0	0
		Total FY 09-12			1,700	

MPMS# 84791 *Bridge Maintenance on Demand*

AQ Code S19

Bicycle/Pedestrian Improvement
Various

Let Date: 2/26/2009

Line item established to fund various structurally deficient bridges in the DVRPC Region.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	916	1,950				
CON	916		1,000			
Fiscal Year Total		1,950	1,000	0	0	0
		Total FY 09-12			2,950	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Montgomery

MPMS# 84868 US 202-650 TSM Improvements

AQ Code R1

Intersection/Interchange Improvements

Lower Gwynedd Township

Let Date: -

Project includes US 202-650 off-line improvements and relocation of Meeting House Road in Lower Gwynedd Township. Meeting House Road relocation includes the construction of the new Meeting House Road alignment and new connection to Dekalb Pike approximately 650 feet north of its current location. This relocation will assist in addressing traffic congestion of Section 650, due to the delay of Section 65S. Other intersection improvements include sight distance improvements at Plymouth Road and Grasshopper Lane, and Evans Road and Gypsy Hill Road; left turn lanes, new signal, curb and radius improvements on SR 2016 and Sumneytown Pike; addition of shoulder, curb, and radius improvements on SR 2016 and Tanglewood Drive, and addition of right turn lane on Evans Road and Welsh Road.

These improvements are recommendations from the US 202, Section 600 Traffic Management Plan (TMP), and will be implemented during the construction of US 202, Section 650. See MPMS#s: 63491(65S) and 63492 (65N).

Design work for this project is funded under MPMS# 16755 - US 202, Section 650.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	CMAQ		2,200			
CON	TOLL					
Fiscal Year Total		0	2,200	0	0	0
		Total FY 09-12			2,200	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Montgomery

MPMS# 86015 **Montgomery ADA Ramps - Phase II**
 AQ Code A2 Montgomery County
 Not SOV Capacity Bicycle/Pedestrian Improvement
 Adding Subcorr(s): Various

Let Date: 4/23/2009

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

SR 663 - Charlotte Street
 From King Street to Mervine Street (SR 4029)

SR 1031 - Seminary Avenue
 Intersection of Pottstown Avenue (SR 663)

SR 4031 - Main Street
 Second Avenue (SR 29) to Seventh Avenue (SR 4013)

SR 29 - Bridge Street
 From Walnut Street to Jacobs Street

SR 29 - Second Avenue
 From Park Avenue to Main Street (SR 4031)

SR 29 - Main Street
 From Second Street to Sixth Street

SR 113 - Souderton-Harleysville Road, Main Street, Broad Street
 From Allentown Road (SR 1001) to County Line Road (SR 4027)

SR 1012 - Broad Street
 From Hunsburger Lane to Main Street (SR 113)

SR 4014 - Main Street
 From First Avenue to Tenth Street

SR 4013 - Lewis Road
 From Donna Drive to Tenth Avenue

SR 73 - Church Road, Washington Lane, Township Line Road
 From Limekiln Pike (SR 152) to Central Avenue (SR 2025)

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	ECON-R	2,400				
Fiscal Year Total		2,400	0	0	0	0
		Total FY 09-12			2,400	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Montgomery

MPMS# 86361 *Rockledge Streetscape Improvements, Phase III*

AQ Code X12 Huntingdon Pike
 Streetscape
 Rockledge Borough

Let Date: -

This project will improve the intersections of Shady Lane, North and South Penn Avenue, Elm Avenue, and Central Avenue along S.R. 0232 (Huntingdon Pike) in Rockledge Borough, Montgomery County.

The intersection improvements will include improvements to curbs, street furniture, signage, lighting, medians, traffic signalization, and crosswalks along the corridor. The project will also improve existing parking along the corridor. The number of lanes along the roadway will remain the same.

The City of Philadelphia (sponsor of MPMS #77467) has agreed to a 50/50 split of awarded TE funds with Rockledge Borough (sponsor of MPMS #86361). MPMS #86361 has been programmed with \$488,750 for construction and is ready to advance. \$488,750 remain for MPMS #77467.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STE	136				
CON	STU		41			
CON	STE			488		
CON	TOLL					
Fiscal Year Total		136	41	488	0	0
		Total FY 09-12			665	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Montgomery

MPMS# 87089 *Abington Township Development Study (PCTI)*

AQ Code X1

Other
Abington Township

Abington Noble Station TOD - This project will plan for transit-oriented redevelopment at the Noble Fairway Station to enhance the economic viability of local commerce, improve the quality of life for area residents, and upgrade accessibility for improved transit use.

Strategically located where Old York Road crosses SEPTA's R-3 Regional Rail line, the project supports the principles of Transit-Oriented Development, the establishment of a new, mixed-use Town Center for Abington Township, and suggests accessibility via multiple modes, and substituting future pedestrian, bicycle, and transit trips for what otherwise will remain as underutilize land uses such as surface parking.

The area lacks a sufficient street and sidewalk network to integrate these establishments with one another and with the Noble Station. This lack of connectivity undercuts the probability of people using transit, walking, or biking to access these destinations.

This project is a key early-implementation action for Abington Township's 2008 Old York Road Corridor Improvement Plan.

This project was awarded \$275,000 in Pennsylvania Community Transportation Initiative (PCTI) funding in May of 2009.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
STUDY	STP	138				
STUDY	TOLL					
STUDY	STP		137			
STUDY	TOLL					
Fiscal Year Total		138	137	0	0	0
			Total FY 09-12		275	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Montgomery

MPMS# 87091 Lower Merion Township Bike/Ped Improv (PCTI)

AQ Code A2

Bicycle/Pedestrian Improvement

Lower Merion Township

Let Date: -

Cynwyd Trail and Station Access Improvements - This project will construct bicycle and pedestrian improvements from Cynwyd station to the Cynwyd trail, extending the commuter platform past the end of active line and providing a safe dedicated connection between the station and its associated parking lots and the trail.

The platform extension will include ADA accessible ramps. In addition, this project also includes funding for 300 feet of context sensitive fencing to separate the active line and the section of the trail that connects to the Bala Commercial District. When completed, Cynwyd Station will serve as a safe, attractive gateway between the Cynwyd Trail and the Bala Commercial District and the surrounding Bala Cynwyd residential neighborhoods. In addition Cynwyd Station will serve as the eastern trail anchor that also connects with the Main Street Manayunk Commercial District and the Ivy Ridge Commuter Station in Manayunk.

This project was awarded \$350,000 in Pennsylvania Community Transportation Initiative (PCTI) funding in May of 2009.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	TOLL					
CON	STP	175				
CON	TOLL					
CON	STP		175			
Fiscal Year Total		175	175	0	0	0
		Total FY 09-12		350		

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Montgomery

MPMS# 87093 *Wood & Vine Street Connector and Streetscape PCTI*

AQ Code S10

Roadway Rehabilitation
Lansdale Borough

The goal of this project is to improve traffic circulation within the Borough by rehabilitating the segment of Wood Street that runs from Derstine Avenue to Vine Street, and the segment of Vine Street that runs from Wood Street to Susquehanna Avenue. This rehabilitation will provide an alternate routing for northbound traffic on Broad Street desiring to travel west through the Borough on Main Street (SR 0063) and eastbound Main Street traffic desiring to travel south on Broad Street, establishing a route that will bypass the Broad and Main intersection and the SEPTA R5 rail crossings that cut diagonally across both of the above mentioned roadways.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STP	2,302				
PE	STP		350			
CON	STP		848			
Fiscal Year Total		2,302	1,198	0	0	0
		Total FY 09-12			3,500	

MPMS# 87095 *Cheltenham Township Improvements (PCTI)*

AQ Code A2

Bicycle/Pedestrian Improvement
Cheltenham Township

Let Date: -

Glenside Commercial District, Phase III - This project includes streetscape and traffic calming improvements to provide intermodal connectivity on Easton Road in downtown Glenside between Springhouse Lane and Church Road. These improvements will include depressed curbs, ramps, sidewalks, granite curbs, pedestrian-oriented, street lighting, and new pedestrian signalized crosswalks at intersections of Springhouse Lane, Royal and Forsythe Avenues and Church Roads. Three ADA compliant bus shelters will also be installed.

When this project is fully completed, the project will provide over 2 miles of pedestrian connections between the SEPTA Glenside Train Station, to and from the surrounding residential neighborhood.

The planned streetscape and infrastructure enhancements places a strong emphasis on creating a pedestrian-friendly environment that is safe, walkable, and is barrier free to allow persons with disabilities, easy access to and from the public transit stops and bus shelters along the commercial businesses in Glenside.

This project was awarded \$1,400,000 in Pennsylvania Community Transportation Initiative (PCTI) funding in May of 2009.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STP	700				
CON	TOLL					
CON	STP		700			
CON	TOLL					
Fiscal Year Total		700	700	0	0	0
		Total FY 09-12			1,400	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Montgomery

MPMS# 87097 **Pottstown Borough Improvements (SRTS)**

AQ Code A2

Bicycle/Pedestrian Improvement
Pottstown Borough

This project will include sidewalk rehabilitation, updated and new signage, and pavement markings.

The proposed improvements at each of the Borough's elementary schools aim to create a safe environment for children to walk and bike to school. The addition of crosswalks with diagonal markings will create more of an awareness for drivers and also provide the children with an identified area for safe crossings. The addition of stop bars to intersections will alert the drivers approaching intersection where they should be stopping thus creating a safer environment to cross. Improvements to the sidewalks on school property will eliminate any hazards that would hinder students walking to and from school. Upgrading all the signage along key walking/biking paths students take will rectify a very hazardous situation for students walking to and from school.

This project was awarded \$224,649 in Safe Routes to School (SRTS) funding in May of 2009.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	SRTS	224				
Fiscal Year Total		224	0	0	0	0
		Total FY 09-12		224		

MPMS# 87099 **Upper Gwynedd Township Improvements (SRTS)**

AQ Code A2

Bicycle/Pedestrian Improvement
Upper Gwynedd Township

This project will install curbing, sidewalk and traffic calming measures within a half mile radius of the St. Rose of Lima and North Wales Elementary Schools on West Prospect, Washington, Second, Swartley, Summit, Pennsylvania, Fairfield, Highland and Main Streets.

Specific improvements include: curbing and sidewalk along hazardous route of W. Prospect Ave from train bridge to Pennsylvania and around corner of first home on Pennsylvania to connect existing sidewalk; installation of sidewalk along Fairview extending from existing sidewalk to bend at Highland Ave; installation of sidewalk along Highland Ave between Fairview and existing sidewalk; installation of sidewalk along Swartley Ave from Washington to alleyway; installation of sidewalk along Washington Ave from West to Swartley; curbing and sidewalk along 2nd St from E. Prospect to Summit Ave. improvements; installation of speed feedback signs on Main Street between North Wales Elementary and St. Rose; installation of raised crosswalk on Main Street between East Prospect and St. Rose; installation of flashing yellow school zone signs and crosswalks along W. Prospect route; and lastly, bike rack.

This project was awarded \$1,069,977 in Safe Routes to School (SRTS) funding in May of 2009.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	SRTS	1,069				
Fiscal Year Total		1,069	0	0	0	0
		Total FY 09-12		1,069		

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Montgomery

MPMS# 87244 *Adjacent Box Beam Rehab (Group C)*
 AQ Code S19 Various
 Bridge Repair/Replacement
 New Hanover Township; Skippack Township

This project involves the rehabilitation of three adjacent non-composite pre-stressed concrete box beam bridges that are structurally deficient and require immediate superstructure replacement to enhance safety and protection of the traveling public. The bridges included in this project are in critical, poor, or serious condition due to damaged beams and are in urgent need of rehabilitation in a timely matter.

Pedestrian activity is not prevalent on any of the three structures based on shoulder widths and surrounding land-uses.

The design work for this project will be done in-house at District 6, and this project is expected to be let by April 22, 2010.

(1) SR 2060 – New Second Street over Tacony Creek, Montgomery County

This bridge carries New Second Street (SR 2060) over the Tacony Creek in Montgomery County. The bridge is 44 feet long and has a deck area of 2,552 square feet. The construction cost for rehabilitation of this bridge is \$638,000 Act 44.

(2) SR 4030 – New Hanover Square over Minister Creek, Montgomery County

This bridge carries New Hanover Square (SR 4030) over Minister Creek in New Hanover Township, Montgomery County. The bridge is 55 feet long and has a deck area 1,870 square feet. The construction cost for rehabilitation of this bridge is \$467,500 Act 44.

(3) SR 3001 – Stump Hall Road over Zacharias Creek, Montgomery County

This bridge carries Stump Hall Road (SR 3001) over Zacharias Creek in Skippack Township, Montgomery County. The bridge is 34 feet long and has a deck area of 1,156 square feet. The bridge is posted for 24 tons. The construction cost for rehabilitation of this bridge is \$289,000 Act 44.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	916		1,500			
FD	916				159	
Fiscal Year Total		0	1,500	0	159	0
		Total FY 09-12			1,659	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Montgomery

MPMS# 87522 ***I-76 Mudslide Study***
 AQ Code X1 Conshohocken curve from MP 334 to MP 335
 Other
 Lower Merion Township; Conshohocken Borough

Due to the mudslides and flooding that occurred as a result of a storm on August 2, 2009 on the I-76/Schuylkill Expressway, a new hydraulic study has been initiated to look at mitigative measures that can be taken to help prevent the reoccurrence of flooding and mudslides. This study will include deed research, field reconnaissance, hydrologic and hydraulic analysis findings, and recommendation reports analyzing the existing flood and mudslide problem along I-76 at the Conshohocken curve, from milepost 334 and 335 in Lower Merion Township.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
STDY	581		315			
Fiscal Year Total		0	315	0	0	0
		Total FY 09-12			315	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Montgomery

MPMS# 87942 **US 422 River Crossing Complex (TCSP)**
 AQ Code R3 US 422
 Intersection/Interchange Improvements

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. This program provides funding for 80% of the total cost of the project, with the applicant providing the remaining 20%.

A total of \$2,346,000 TCSP has been awarded to 8 projects selected throughout the DVRPC Pennsylvania subregion: 87937, 87938, 87941, 87942, 87939, 87940, 83710, 84961.

The River Crossing Complex projects, estimated at a cost of \$161 million, will relieve serious congestion which now routinely impacts regional commuters, adjacent communities and economic development potential; help assure the functionality of the emergency access and evacuation route for the Exelon nuclear power station within the US 422 corridor, and support the Federally mandated mission, resource conservation and improvement objectives of the Valley Forge National Historical Park. TCSP funding will help complete the River Crossing Complex projects, as they are a priority for this region.

See River Crossing Complex Projects:

- 1) PA 23/US 422 Interchange and North Gulph Road Improvements (MPMS #66952).
- 2) US 422/PA 363 Interchange, including providing movements to/from the west (MPMS #64796).
- 3) US 422 Betzwood Bridge over the Schuylkill River, rehabilitation and widening of the bridge (MPMS #70197) and a new parallel four (4) lane bridge.
- 4) US 422 Widening for 1.8 miles from PA-363 interchange to the US-202 interchange. This project has not yet been broken out.
- 5) Old Betzwood Bridge Bike/Pedestrian Trail will be re-built as a bike/pedestrian bridge only, and will not re-instate vehicular traffic (MPMS# 16703).
- 6) An early action interim project to provide timely and effective relief to westbound afternoon congestion until the long range projects can fully advance was programmed and constructed as MPMS #74648.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	TCS		222			
CON	LOCAL		56			
Fiscal Year Total		0	278	0	0	0
		Total FY 09-12		278		

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Montgomery

MPMS# 89379 **Anderson Ave. Bridge/Underpass/Streetscape-Phase 2**

AQ Code A2

Streetscape

Lower Merion Township

The Anderson Avenue underpass is the only pedestrian and auto passageway linking the Ardmore R-5 Amtrak/Septa station and tracks that bisect the business district. The underpass is in serious disrepair deterring pedestrians from walking from the station and Suburban Square shopping center to the Ardmore business district. The improvements will create a safer pedestrian and auto environment.

This project is a breakout of MPMS# 72974 and only includes the batment of existing lead paint, repainting bridge and cleaning/crack repair of existitng abutments. Project also includes furnishing and painting of Amtrak installed drip pans, gutter and downspout. Includes coordination between Lower Merion Township, AQUA Pennsylvania and Amtrak.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STE		317			
CON	STE				73	
Fiscal Year Total		0	317	0	73	0
		Total FY 09-12			390	

MPMS# 89715 **US 422, Sanatoga Interchange Ramp Improvements**

AQ Code R3

at Evergreen Road

Not SOV Capacity

Intersection/Interchange Improvements

Adding Subcorr(s):

Limerick Township

This project includes improvements to the existing ramps of the Sanatoga Interchange, which lies at the intersection of US 422 and Evergreen Road.

The project is one of the townships highest transportation infrastructure priorities and will improve traffic circulation and create employment opportunities in Limerick Township and Montgomery County.

This is a local project which has a commitment of \$1,245,000 in local funding for the completion of the pre-construction phases. Limerick Township will be responsible for funding the construction costs associated with this project.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PE	LOCAL		150			
PE	LOCAL			250		
Fiscal Year Total		0	150	250	0	0
		Total FY 09-12			400	

Total for Montgomery	223,277	107,885	76,102	60,296	430,483
		Total FY 09-12		467,560	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Philadelphia

MPMS# 16944

29 ST BRG/AMTRAK

AQ Code X

Bridge Repair/Replacement

Funds account for Accrued Unbilled Costs

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
UTL	BON	125				
UTL	185	31				
Fiscal Year Total		156	0	0	0	0
		Total FY 09-12		156		

MPMS# 16987

Passyunk Avenue (Signals)

AQ Code 2020M

Broad St. to 63rd St.

Minor SOV Capacity

Signal/ITS Improvements

Subcorr(s): 3A, 6B, 6C

Philadelphia City

Let Date: -

A total of 14 intersections will be modernized between 15th St. and 63rd St., including coordination with recently upgraded locations at Broad and McKean Streets and at Vare Ave. and I-76.

Sections of this project between Broad and 23rd, and 61st and 63rd Streets are rated BF (Bike Friendly - wide shoulders or lanes).

This project contains ITS elements.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	CAQ	2,147				
CON	LOC	636				
CON	CAQ		3,118			
CON	LOC		675			
Fiscal Year Total		2,783	3,793	0	0	0
		Total FY 09-12		6,576		

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Philadelphia

MPMS# 17350 **Henry Ave. Bridge over Wissahickon**

AQ Code S19 over Wissahickon Creek
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): 5G, Philadelphia City
 15A

Let Date: 12/18/2008

The project will provide for the rehabilitation of the National Register listed Wissahickon Memorial bridge. The structure is a stone faced reinforced concrete arch with a concrete encased steel stringer, floorbeam and spandrel truss structural framing system. The structure was built in the early 1930's and carries four lanes of traffic (two in each direction) as well as two sidewalks. The bridge crosses the Wissahickon Creek and Lincoln Drive. The proposed rehabilitation will consist of removing the top quarter-inch of concrete wearing surface in preparation for a one and one-quarter inch LMC overlay; replacing deteriorated concrete in the gutter area; eliminating water from entering into the trolley tubes by replacing current deck joints with strip seal expansion joint retainers; repairing the spalls on the underside of the concrete deck and on the concrete encased stringers and floor beams; cleaning the exposed bottom flanges of all stringers and floor beams and painting them using an organic, zinc rich coating system; removing the concrete sidewalk slab and replacing them with new concrete sidewalks; cleaning and replacing parts of the existing, failed drainage system; replacing the existing manhole frames and covers using water tight covers; removing, cleaning, storing, resizing, and resetting the granite curb; repairing concrete surfaces on the superstructure and substructure; repairs will include the removal of rock climbing gear anchored to Piers 3-6 and the adjoining spandrel walls and arches; relocating utilities from within the sidewalks to a point beneath the sidewalk and inside the exterior spandrel walls; replacing the existing highway lighting with standard poles and luminaries. The existing highway lighting connections will be used. Existing utility boxes will be raised to meet the proposed grade.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	BOO	4,291				
CON	185	1,073				
CON	BOO		6,072			
CON	185		1,607			
CON	BOO			451		
CON	185			113		
Fiscal Year Total		5,364	7,679	564	0	0
		Total FY 09-12			13,607	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Philadelphia

MPMS# 17408 **Rhawn Street (Bridge)**
 AQ Code X Over Conrail
 Bridge Repair/Replacement
 Philadelphia City

Let Date: 2/21/2003

Funds account for Accrued Unbilled Costs

The existing two lane bridge with minimal shoulders and sidewalks on both sides will be replaced in kind.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	BOO	112				
FD	185	28				
CON	BON	40				
FD	BOO		260			
FD	185		65			
UTL	BOO		25			
UTL	185		6			
CON	BOO		28			
CON	185		7			
Fiscal Year Total		180	391	0	0	0
			Total FY 09-12		571	

MPMS# 17460 **40th Street (Bridge)**
 AQ Code S19 Over Amtrak/SEPTA
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): 7A West Philadelphia

Let Date: -

The existing bridge (built in 1915) has two lanes, shoulders, and sidewalks on both sides. It currently has a 3-ton weight restriction, forcing the detour of two SEPTA bus routes. The new bridge will also have two lanes, shoulders, and sidewalks on both sides. The bicycle and pedestrian checklists will be incorporated into the project.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
UTL	BOO	2,400				
UTL	185	450				
UTL	LOC	150				
CON	BOO			12,378		
CON	185			2,321		
CON	LOC			774		
Fiscal Year Total		3,000	0	15,473	0	0
			Total FY 09-12		18,473	

DVRPC FY 2009-2012 TIP for PA

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Pennsylvania - Highway Program

Philadelphia

MPMS# 17464 **Holme Avenue (Bridge)**
 AQ Code S19 Over Conrail (1 Track)
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): 5H Far-Northeast Philadelphia

Let Date: 6/25/2009

The existing four lane bridge with a wide concrete median will be replaced in kind. The bridge is currently load restricted.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	BOO	150				
CON	TOLL					
CON	TOLL					
CON	BOO		6,305			
Fiscal Year Total		150	6,305	0	0	0
		Total FY 09-12				6,455

MPMS# 17581 **Bells Mill Road**
 AQ Code S10 Germantown Ave. to Stenton Ave.
 Not SOV Capacity Roadway Rehabilitation
 Adding Subcorr(s): 15A, 15B Germantown-Chestnut Hill

Let Date: -

This road restoration project involves drainage improvements, minor lane widening, and sidewalk improvements. See also MPMS #70230.

This project location is included in Philadelphia's Bike Network and is rated BF (Bike Friendly - wide shoulders or lanes)

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STU					2,675
CON	LOCAL					669
Fiscal Year Total		0	0	0	0	3,344
		Total FY 09-12				0

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Philadelphia

MPMS# 17622 **Adams Avenue (Bridge)**
 AQ Code S19 Over Tacony Creek
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): 5G Near Northeast Philadelphia; Philadelphia City

Let Date: -

The purpose of this project is to maintain mobility within the project area. The bridge is structurally deficient due to severe deterioration and corrosion of the concrete and stone masonry. This project involves the replacement of the Adams Avenue (SR 1002, Sec 0050) bridge spanning Tacony Creek in the East Oak Lane section of the City of Philadelphia. The existing structure is a 71 ft Masonary arch deck closed spandrel and provides a 22.5 ft travel way. The railroad bridge to the south of the project area is a constraint to the bridge width.

TOLL CREDIT

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PE	BOO		500			
FD	BOO			500		
UTL	BOO			250		
ROW	BOO			250		
CON	BOO					2,282
Fiscal Year Total		0	500	1,000	0	2,282
			Total FY 09-12		1,500	

Pennsylvania - Highway Program

Philadelphia

MPMS# 17652 **PA 611, N. Street (Signals)**
 AQ Code 2010M Somerset St. to Grange
 Minor SOV Capacity Signal/ITS Improvements
 Subcorr(s): 5G, 14A Upper North Philadelphia; Olney-Oak Lane

FUNDS ACCOUNT FOR ACCRUED UNBILLED COSTS

This project will provide for the upgrade of traffic signals at approximately 35 intersections along Broad Street between Somerset Street (near Lehigh Avenue) and Grange (near Stenton/Godfrey Avenues). The project was designed as part of a commitment as a measure to address I-95 traffic diversion. Though not traffic responsive, signals will be replaced, interconnected, and tied via fiber optics to the City's Central Control Center and Traffic Shop. This project ties in to MPMS #17796 as well as planned work on Belfield Avenue and Stenton/Godfrey Avenues.

Pedestrian signal heads will be installed at 30 signalized intersections along with an advanced three second pedestrian interval and crosswalks to cross N Broad Street.

Curbed medians will be installed on N Broad Street at the following pedestrian crossings:

- Allegheny Avenue
- Erie Avenue
- Germantown Avenue
- Hunting Park Avenue
- Roosevelt Boulevard
- Bristol Street
- Courtland Street
- Wyoming Avenue
- Ruscomb St/Windrim Ave
- Lindley Ave/Wagner Ave

Countdown signals will be installed at the following intersections:

- Glenwood Avenue
- Indiana Avenue
- Allegheny Avenue
- Westmoreland St/Rising Sun Ave
- Ontario Street
- Tioga Street
- Venango Street
- Erie Avenue
- Germantown Avenue
- Butler Street
- Hunting Park Avenue
- Roosevelt Boulevard
- Bristol Street
- The Roosevelt Blvd/Cayuga St
- Wingohocking Street
- Belfield Avenue/Courtland Street
- Wyoming Avenue
- Ruscomb Street/Windrim Avenue
- Duncannon Avenue
- Albert Einstein Drive
- Olney Avenue
- Chew Avenue
- Grange Street/Old York Road

TOLL CREDIT

This project contains ITS elements.

TIP Program Years (\$ 000)

Later FYs

Phase	Fund	FY2009	FY2010	FY2011	FY2012
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DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Philadelphia

UTL	CMAQ		460			
CON	HSIP		611			
Fiscal Year Total		0	1,071	0	0	0
		Total FY 09-12		1,071		

MPMS# 17655 **Center City Traffic Systems II**
 AQ Code 2020M South St. to Spring Garden St.
 Signal/ITS Improvements
 Center City Philadelphia

Let Date: 10/31/2006

This project provides for the modernization of traffic signal equipment at 72 intersections in the southeast quadrant of Center City Philadelphia bounded by Market Street to the north, Broad Street to the west, South Street to the south and Front Street to the east. The project includes new signal equipment, installation of fiber optic communication cable, roadway resurfacing, crosswalks and placement of pavement markings, new hand/man signals and signs, pedestrian timings, and 10 incident management cameras. The system will operate jointly with Phase I in the city's southwest quadrant (see MPMS #17579), will be monitored by the City's Traffic Engineering Division, and will allow remote access by PennDOT.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	CAQ*	8,275				
CON	CAQ*		3,493			
CON	CAQ*			3,800		
Fiscal Year Total		8,275	3,493	3,800	0	0
		Total FY 09-12		15,568		

MPMS# 17657 **Market Street Signal and Pedestrian Improvements**
 AQ Code R2 Delaware County Line to 39th Street
 Not SOV Capacity Bicycle/Pedestrian Improvement
 Adding Subcorr(s): 10A West Philadelphia

Let Date: -

Install pedestrian crosswalks at 17 intersections beneath SEPTA's Market St. Elevated Line, modernize the traffic signals, and lengthen the left turn standby lane on Market St. where possible.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	CAQ		2,407			
CON	LOC		602			
CON	CAQ			4,600		
CON	LOC			1,150		
CON	CAQ				1,584	
CON	LOC				396	
Fiscal Year Total		0	3,009	5,750	1,980	0
		Total FY 09-12		10,739		

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Philadelphia

MPMS# 17659 **Harbison Ave./Aramingo Ave.(C048)**
 AQ Code 2020M I-95 to Roosevelt Blvd.
 Minor SOV Capacity Signal/ITS Improvements
 Subcorr(s): 4B, 5G Kensington; Philadelphia City; Near Northeast Philadelphia

Let Date: -

Corridor Safety Improvement Project of approximate construction length of 9.1 kilometers (5.6 miles). Limits of work on Aramingo Avenue extend from York Street (at Seg./Off. 0010/2359) to Tacony Street (at Seg./Off. 0090/0000 to 0091/0000) and on Harbison Avenue extend from Tacony Street (at Seg./Off. 0090/0000 to 0091/0000) to Roosevelt boulevard 9 Seg./Off. 0120/3315 and 0121/3311). Aramingo Avenue/Harbison Avenue traverses residential and commercial areas with 35 signalized intersections in the City of Philadelphia.

Proposed construction on Aramingo Avenue includes: Computerized traffic signal system at twenty (20) intersections including; solid state controllers, interconnect, overhead signal displays, re-striping; relocation of signal displays; actuation of selected side streets will be accomplished via video cameras; minor signal phasing modification; and addition of left turn lanes at selected intersections. Designated bicycle lanes will be provided; pedestrian accommodations will include hand/man signals and pedestrian timing.

Proposed construction on Harbison Avenue includes: computerized traffic signal system at fifteen (15) intersections including; solid state controllers, interconnect, overhead signal displays and actuation of selected side streets will be accomplished via video cameras; construction of left turn lanes; upgrading of signal faces, and minor median modifications. Pedestrian accommodations will include hand/man signals and pedestrian timing.

Presently, the entire project is intended to be milled and overlaid. Additionally, the signal system will not be tied into a central monitoring location and remote access will not be provided. Finally, coordination will be required with the Lehigh Avenue (SR 2014) signal improvement project.

The existing lane and shoulder configurations will remain when completed.

This project contains ITS elements.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	STU	320				
FD	581	80				
UTL	STU		800			
UTL	581		200			
CON	CMAQ		2,725			
CON	NHS		497			
CON	581		124			
CON	581		681			
CON	CMAQ			1,400		
CON	STU			7,600		
CON	581			350		
CON	581			1,900		
Fiscal Year Total		400	5,027	11,250	0	0
			Total FY 09-12		16,677	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Philadelphia

MPMS# 17724 **South Street Bridges (3 Structures)**
 AQ Code 2020M Over I-76 (WB), Schuylkill River & RR's
 Minor SOV Capacity Bridge Repair/Replacement
 Subcorr(s): 3A, 10A Center City Philadelphia; West Philadelphia

Let Date: 9/25/2008

The existing bridge has two lanes with a center left turn lane and 8' sidewalks on both sides. It will be replaced with a four lane bridge with a center left turn lane, 5' bike lanes on both sides of the road, 9' sidewalks, and a stair tower and pedestrian ramp for access to the Schuylkill River Park trail system along the riverfront. The project includes improvements to the I-76 off-ramps, visual mitigation, and approach work. Other pedestrian amenities such as lookout gazebos, decorative railings, and improved lighting will also be included.

This project included \$25 million SPIKE funds:
 \$21,053 million SPIKE
 \$3,947 million State SPIKE
 \$1,316 million LOC MATCH

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	SPK-FH	1,923				
CON	SPK-FB	2,239				
CON	SPK-SH	1,300				
CON	LOC	1,300				
CON	STP		14,760			
CON	SPK-FH		240			
CON	581		3,840			
CON	SPK-SH		60			
CON	LOC		1,300			
Fiscal Year Total		6,762	20,200	0	0	0
			Total FY 09-12		26,962	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Philadelphia

MPMS# 17784 **JFK Boulevard Bridge**
 AQ Code S19 over Schuylkill River & CSX RR & Trail
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): 3A, Center City Philadelphia; West Philadelphia
 10A

Let Date: 12/21/2006

This project includes the rehabilitation of the existing 3-span steel structure carrying JFK Boulevard over the Schuylkill River, Fairmount Park's Schuylkill River Park trail, and CSX Railroad to Center City Philadelphia. The bridge has a 4 lane typical roadway section with 2 WB through lanes, a 4-foot median, 1 EB through lane, 1 EB lane previously used for parking of school buses but since closed due to posting of weight limit. The bridge has sidewalks on both EB and WB sides, and pedestrian-scale ornamental lighting. This structure has experienced considerable deterioration. Bridge rehabilitation activities include deck replacement (includes sidewalk replacement), superstructure rehabilitation, stringer replacement, bearing replacement, repair and replacement of floorbeams, repairs to girders, salvage and replacement of pedestrian-scale ornamental lighting and cleaning and painting of remaining members.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	BOO	752				
CON	185	188				
Fiscal Year Total		940	0	0	0	0
		Total FY 09-12		940		

MPMS# 17787 **Cobb's Creek Bikeway (C072)**
 AQ Code A2 US 1, City Ave to PA 291at PHL
 Bicycle/Pedestrian Improvement
 West Philadelphia; Southwest Philadelphia

Funds account for Advanced Construct Conversion

This project involves constructing a 10.2 mile bikeway running from US 1, City Ave. southwest to PA 291 at the Philadelphia International Airport, through city park land and then along city streets. It frequently intersects with mass transit stops and connects several important commercial areas.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	CMAQ		1,246			
Fiscal Year Total		0	1,246	0	0	0
		Total FY 09-12		1,246		

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Philadelphia

MPMS# 17791 **West Bank Greenway (C004)**
 AQ Code X 31ST ST., 32ND ST., & MANTUA AVE. (etc.)
 Bicycle/Pedestrian Improvement
 West Philadelphia

Let Date: 11/7/2006

Rebuild existing sidewalk as a pedestrian path/bikeway, rebuild fence and portions of a stone retaining wall, remove billboards, landscape to open views to the city skyline, plant street trees, install street lighting and signs, widen Spring Garden St. bridge sidewalk, construct ramp for pedestrians and bicyclists to connect the Spring Garden St. bridge to West River Drive.

LET EARLY 2006

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	CMAQ	583				
Fiscal Year Total		583	0	0	0	0
		Total FY 09-12			583	

MPMS# 17795 **Holme Ave. (Signals)**
 AQ Code 2015M Roosevelt Blvd. To Willits Road
 Signal/ITS Improvements
 Philadelphia City

Let Date: 3/13/2003

Funds Account for Accrued Unbilled Costs

This project involves upgrading and interconnecting the traffic signals for approximately 8 intersections within the project limits. The improvement is intended to help accommodate the additional traffic that is anticipated during the rehabilitation of I-95.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	CMAQ	35				
Fiscal Year Total		35	0	0	0	0
		Total FY 09-12			35	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Philadelphia

MPMS# 17796 PA 611, Broad Street at I-95 (Signals)

AQ Code 2020M Vine St. to Olney Ave.
 Minor SOV Capacity Signal/ITS Improvements
 Subcorr(s): 3A, 5G, Philadelphia City
 14A, 15A

Let Date: 8/14/2008

This project involves upgrading and interconnecting the traffic signals for approximately 37 intersections within the project limits. The improvement is intended to help accommodate the additional traffic that is anticipated during the rehabilitation of I-95. Pedestrian signalization and medians will be provided at selected intersections. See companion project MPMS #17652.

This project contains ITS elements.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	SXF	1,662				
CON	HSIP	831				
CON	HSIP		200			
CON	NHS		800			
CON	STU		130			
Fiscal Year Total		2,493	1,130	0	0	0
			Total FY 09-12		3,623	

MPMS# 17813 North Broad St./Avenue of the Arts

AQ Code A2 Kennedy Blvd. - Somerset St.
 Not SOV Capacity Streetscape
 Adding Subcorr(s): Philadelphia City

This project will extend the Avenue of the Arts from Kennedy Blvd. to Somerset St., a distance of about 2.5 miles. The project scope includes new street lights throughout the entire length, updated traffic signals at 22 intersections, streetscape improvements at selected heavy pedestrian locations (subway stops) and new median islands in selected locations. Construction is expected to start in May, 2002.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	STU	258				
FD	LOC	71				
Fiscal Year Total		329	0	0	0	0
			Total FY 09-12		329	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Philadelphia

MPMS# 17815 **Cottman Ave. (Bridge)**
 AQ Code S19 Over Conrail
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): 5G Near Northeast Philadelphia; Philadelphia City

Let Date: -

The purpose of this project is to maintain mobility within the project area. The bridge is structurally deficient due to severe corrosion caused from rust and massive section loss.

Built in 1905, the single span, 62'-long, built up deck girder bridge supported on concrete abutments runs over the Conrail line, a former division of the Reading railroad. Originally built to speed existing train movements through the city the railroad connects Philadelphia to Pottsville

Replacement of the existing structure that carries Cottman Avenue (S.R. 73) over a single CSX track in the Northeast Section of Philadelphia. It is anticipated that the superstructure will be replaced under staged construction. The reuse of the existing substructure will be investigated during the design phase. There will be minimal roadway approach work. The existing conditions include 4 – 10' travel lanes and 15' sidewalks on both sides. The proposed conditions include 4 – 11' travel lanes and 10' sidewalks on both sides.

Sufficiency Rating: 4.3

TOLL CREDIT

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	BOO		1,505			
CON	BOO			1,505		
Fiscal Year Total		0	1,505	1,505	0	0
			Total FY 09-12		3,010	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Philadelphia

MPMS# 17817 **Henry Ave. Bridge over SEPTA**
 AQ Code S19 over SEPTA R6 Line
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): 5G Philadelphia City

Let Date: 6/18/2009

The project will provide for the rehabilitation of this bridge which crosses an unnamed tributary of the Schuylkill River and active CSX and SEPTA rail lines. The bridge superstructure consists of a concrete encased and continuous steel girder, floorbeam, and stringer structural framing system. The superstructure is supported by reinforced concrete multi-column bent units and solid wall pier and abutment units. The structure was opened to traffic in 1930 and carries four lanes of traffic (two in each direction) as well as two sidewalks. The bridge rehabilitation will include extensive deck repairs with a partial deck overlay, full deck joints and sidewalk repairs, and relocation of the existing highway lighting system to a point outside of the clear zone. The superstructure repair will range from minor concrete encasement spall repairs to in-depth concrete encasement repairs requiring cleaning and coating of exposed and deteriorated structural steel members. The substructure repairs will range from minor spall repairs to major pier concrete reconstruction, which requires extensive cleaning and coating or complete replacement of the deteriorated reinforcing steel. Highway safety upgrades, including guiderail installation and a roadway drainage system, are currently under preliminary design development. The sidewalk replacement work and partial deck replacement will require significant utility protection during construction.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	BOO	4,000				
CON	185	1,000				
CON	BOO		4,171			
CON	185		1,133			
CON	BOO			455		
CON	185			114		
Fiscal Year Total		5,000	5,304	569	0	0
			Total FY 09-12		10,873	

MPMS# 17829 **52nd/Lancaster Ave. Enhancements**

AQ Code R6
 Not SOV Capacity Streetscape
 Adding Subcorr(s): 7A Philadelphia City

Let Date: -

Project elements to include, but not limited to, streetscape improvements such as upgrading signage, installing bus shelters, constructing bus pull in/pull out lanes, traffic management striping, and improved signalization.

This project location is included in Philadelphia's Bike Network and is rated BL (Lancaster has a formal Bike Lane).

This project may be suitable for ITS treatments.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	SXF	1,200				
CON	CAQ	800				
CON	LOC	500				
Fiscal Year Total		2,500	0	0	0	0
			Total FY 09-12		2,500	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Philadelphia

MPMS# 17832 **30th Street Gateway**
 AQ Code R6 30th Street station vicinity
 Not SOV Capacity Bicycle/Pedestrian Improvement
 Adding Subcorr(s): 3A, Philadelphia City
 7A, 10A

Focus will be on pedestrian path revisions, traffic signal work to replace individual signals and upgrade timing, transit improvements for surface bus loading and related work to alleviate confusing and pedestrian unfriendly station roadway layout.

This project may be suitable for ITS treatments.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	CAQ	96				
FD	LOC	24				
CON	CAQ				3,040	
CON	LOC				760	
Fiscal Year Total		120	0	0	3,800	0
			Total FY 09-12		3,920	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Philadelphia

MPMS# 46956 *Delaware Avenue Extension/Bridesburg*

AQ Code S10 over Frankford Creek
 Major SOV Capacity Roadway New Capacity
 Subcorr(s): 4B Philadelphia City
 2030 LRP ID: 66

Let Date: -

Construct a new roadway and a new bridge across Frankford Creek. The project has been identified as the first of multiphased project to construct a River Road along the North Delaware Riverfront amidst planned residential and recreational facilities. The new road will extend between Lewis Street where it currently ends further north approximately a mile and 1/2 to Buckius street. The roadway is planned with wide shoulders for bike use, sidewalks and will serve as an alternative to the North Delaware Greenway Trail while some portions are under construction. The road will also serve as an alternate route for local truck traffic in order to get that traffic off of narrow Richmond Street.

Other recreational facilities associated with this project are the 15 million North Delaware River Greenway Trail, a joint project of Philadelphia street Department Philadelphia parks and Recreational department and PA environmental Council See MPMS 79830, 61712, 79832, 79833

CMP commitments include transit improvements to SEPTA R7 regional rail as well as pedestrian and bicycle improvements,

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
UTL	STU	960				
UTL	LOCAL	240				
ROW	STU	40				
ROW	LOCAL	10				
CON	SXF	8,192				
CON	STU	2,808				
CON	LOCAL	702				
CON	LOCAL	2,048				
FD	SXF		400			
FD	LOCAL		100			
CON	STU		103			
CON	LOCAL		26			
CON	STU			145		
CON	LOCAL			36		
Fiscal Year Total		15,000	629	181	0	0
			Total FY 09-12		15,810	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Philadelphia

MPMS# 46958 Philadelphia Naval Shipyard Access
 AQ Code 2020M 26th Street Btwn Penrose and Broad
 Not SOV Capacity Roadway Rehabilitation
 Adding Subcorr(s): 4C Philadelphia City
 2030 LRP ID: 67

Let Date: -

This project consists of all phases from preliminary and final design to re-construction of Langley Ave access road from 26th Street to Broad Street adjacent to the Navy Yard reserve basin. This project will improve safety and access from the west to the east side of The Navy Yard. This project includes the reconstruction of the roadway and installation of new curbs, curb cuts, sidewalks and streetscaping features along the existing Langley Avenue and the eastern half of the existing Broad Street from Langley to Intrepid, while maintaining the existing roadway widths and lane configurations. Langely Ave. will be reconstructed and have a curve straightened to more safely accommodate passing tractor trailers. Major utilities on a weakening timber structure will be relocated from a structure in Broad to solid ground within the existing ROW of Broad Street.

TEA 21 Earmark - ID# 0122 - (\$1,537,648) Balance available: \$1,165,648 - PA ID# 086
 TEA 21 Earmark - ID# 1723 - \$2,050,199 - PA ID# 086

This project may be suitable for ITS treatments.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PE	SXF	260				
PE	LOC	65				
FD	SXF		724			
FD	LOC		201			
ROW	SXF		80			
ROW	LOC		20			
UTL	SXF			960		
UTL	LOC			240		
CON	STP			1,520		
CON	LOC			380		
CON	SXF				1,190	
CON	LOC				297	
CON	STP					288
CON	LOC					72
Fiscal Year Total		325	1,025	3,100	1,487	360
				Total FY 09-12	5,937	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Philadelphia

MPMS# 48191 **Germantown Ave. Reconstruction (south) at Ashmead**

AQ Code S10 Ashmead to near Church
 Not SOV Capacity Roadway Rehabilitation
 Adding Subcorr(s): 5G, Philadelphia City
 15A

Let Date: 12/4/2008

The scope of the project is the reconstruction of Germantown Avenue from Ashmead Street to a point south of Church Lane, a distance of approximately 2,000 feet. The project also includes a separate roadway section of Germantown Avenue from High Street to Walnut Lane and related water and sewer plans for the City of Philadelphia Water Department, a distance of approximately 400 feet. This project includes the reconstruction of the roadway, drainage improvements, replacement of the existing SEPTA trolley track facilities, roadway improvements, improvement of the north bound track area, removal of granite blocks, and removal of SEPTA tracks and replacement with new SEPTA T-rails and concrete. Both the north and south bound improvements include new sidewalks, new street lighting, new trees, and streetscape improvements.

Project complete.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	STP	200				
FD	185	50				
CON	STP	6,548				
CON	STP		300			
CON	TOLL					
Fiscal Year Total		6,798	300	0	0	0
			Total FY 09-12		7,098	

MPMS# 48193 **Allen's Lane (Bridge)**

AQ Code S19 over SEPTA (S. of Germantown Ave.)
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): 5G Philadelphia City

Let Date: -

Replacement of existing structure and related work.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	916D	528				
UTL	BND		275			
ROW	BND		575			
CON	BND				2,717	
Fiscal Year Total		528	850	0	2,717	0
			Total FY 09-12		4,095	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Philadelphia

MPMS# 50522 **Manayunk Rec. Path - Phase II/Fairmount Bikeway**

AQ Code A2 Manayunk Rereation Path - Phase II
 Not SOV Capacity Bicycle/Pedestrian Improvement
 Adding Subcorr(s): 3B Philadelphia City

First section of this project to advance include improvements to the existing paved and unpaved recreation paths of the Fairmont Park Bikeway within the City of Philadelphia. Section I includes widening of the existing sidewalk and improvement of the existing paths along Kelly drive from Falls Bridge to Ridge Avenue to Main Street. Section 2 is the improvement, paving, design, and widening of existing paths from Lock Street to Shawmont Avenue along the Manayunk Canal and Schuylkill River, along Nixon Drive from Shawmont Avenue to Port Royal Avenue and on the existing Rail to Trail path from Port Royal Avenue to the Philadelphia County/Montgomery County line, as well as repair of six existing wooden pedestrian bridges.

\$800,000 TE funds were approved during the FY2004 project selection process, to be programmed at the appropriate time, drawing funds from MPMS #64984.

TE \$-800,000 CON
 LOCAL-\$200,000 CON

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STE					
Fiscal Year Total		0	0	0	0	0
		Total FY 09-12			0	

MPMS# 50523 **Westbank Greenway - Phase 2**

AQ Code A2 Bicycle/Pedestrian Improvement
 Not SOV Capacity Philadelphia City
 Adding Subcorr(s):

Let Date: 11/7/2006

This project entails scenic beautification and creation and enhancement of pedestrian/bicycle paths along portions of the Schuylkill, connecting 30th St. Station, the Philadelphia Museum of Art, the Philadelphia Zoo, East and West segments of Fairmount Park, and the planned Schuylkill River Park. This phase includes construction or restoration of pedestrian/bicycle paths on the remaining portions of the Greenway, streetscaping, and landscaping.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	TOLL					
CON	STE*	500				
CON	TOLL					
CON	STE*		1,000			
Fiscal Year Total		500	1,000	0	0	0
		Total FY 09-12			1,500	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Philadelphia

MPMS# 56768 **41st Street Bridge**
 AQ Code S19 over Amtrak's Harrisburg Line
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): 7A Philadelphia City

Let Date: -

This project is the complete reconstruction of a 3 span , concrete encased steel thru girder bridge over Amtrak`s Harrisburg line and Norfolk Southern RR . It will also include utility , railroad electrification , approach paving and miscellaneous work . The new bridge is preliminarily believed to be a 2 span steel girder bridge atop new reinforced concrete pier and abutments . The bicycle and pedestrian checklists will be incorporated into the project.

The existing bridge was built in 1928 and has been closed to traffic since 1994 . Originally believed to be Railroad maintenance responsibility , the State Court of Appeals assigned final responsibility to the City in 2000.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PE	BOO	1,680				
UTL	BOO	1,200				
UTL	BOF			520		
UTL	183			97		
UTL	LOC			33		
CON	BOO			2,871		
CON	183			685		
CON	LOC			227		
Fiscal Year Total		2,880	0	4,433	0	0
			Total FY 09-12		7,313	

MPMS# 57268 **Sedgley Avenue (Bridge)**
 AQ Code S2 over Conrail (W. of 3rd Street)
 Bridge Repair/Replacement
 Philadelphia City

Funds account for accrued unbilled costs

Removal of bridge, fill of area, repaving.

LET 10/20/05

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PE	STU		12			
PE	183		2			
PE	LOCAL		1			
Fiscal Year Total		0	15	0	0	0
			Total FY 09-12		15	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Philadelphia

MPMS# 57273 **Ontario Street (Bridge)**
 AQ Code S2 over Conrail (east of 5th Street)
 Bridge Repair/Replacement
 Philadelphia City

Funds account for accrued unbilled costs.

Removal of bridge, fill of area, repaving.

LET 10/20/05

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PE	STU		60			
PE	BOO		97			
PE	STU		13			
PE	STU		12			
PE	183		2			
PE	183		11			
PE	183		2			
PE	185		18			
PE	LOCAL		1			
PE	LOCAL		4			
PE	LOCAL		1			
PE	LOCAL		6			
CON	STU		56			
CON	STU		53			
CON	STU		92			
CON	183		17			
CON	183		10			
CON	LOCAL		3			
CON	LOCAL		14			
CON	LOCAL		6			
Fiscal Year Total		0	478	0	0	0
			Total FY 09-12		478	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Philadelphia

MPMS# 57278 **Rising Sun Avenue (Bridge)**
 AQ Code S2 over Conrail (at 2nd Street)
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): 14A Philadelphia City

Let Date: -

Removal of bridge, fill of area, repaving. The bicycle and pedestrian checklists will be incorporated into the project.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PE	BOO	107				
PE	183	28				
PE	LOC	9				
PE	BOO		43			
PE	183		8			
PE	LOC		3			
CON	BOO				2,739	
CON	185				514	
CON	LOC				171	
Fiscal Year Total		144	54	0	3,424	0
		Total FY 09-12			3,622	

MPMS# 57893 **Lehigh Ave. East (Signals)**
 AQ Code 2020M Richmond St. to Broad St.
 Minor SOV Capacity Signal/ITS Improvements
 Subcorr(s): 4B, 14A Kensington; Upper North Philadelphia; Lower North Philadelphia

Let Date: -

Signal modernization (23 intersections), minor roadway improvements, pavement markings and related work.

This project location is included in Philadelphia's Bike Network and is rated BL (has a formal Bike Lane) between Germantown and Aramingo and rated BF (Bike Friendly - wide shoulders or lanes) for the remainder.

This project may be suitable for ITS treatments.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	CAQ		168			
FD	LOC		42			
CON	CAQ		4,672			
CON	LOC		1,302			
CON	CAQ				570	
CON	LOC				143	
Fiscal Year Total		0	6,184	0	713	0
		Total FY 09-12			6,897	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Philadelphia

MPMS# 57894 **Stenton Ave. and Godfrey Ave. (Signals)**
 AQ Code 2020M Ch. Hill, Mt Airy, Fern Rock, Crescentvl
 Minor SOV Capacity Signal/ITS Improvements
 Subcorr(s): 14A, 15A, Germantown-Chestnut Hill; Philadelphia City
 15B

Let Date: -

Signal modernization (30 intersections), minor roadway improvements, pavement markings and related work on Stenton Avenue between Paper Mill Road and Broad Street, and on Godfrey Avenue between Broad Street and Front Street.

This project location is included in Philadelphia's Bike Network and is rated BL (has a formal Bike Lane) on Godfrey Avenue.

This project may be suitable for ITS treatments.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	CAQ				4,240	
CON	LOC				1,060	
Fiscal Year Total		0	0	0	5,300	0
		Total FY 09-12			5,300	

MPMS# 57897 **Haverford Ave. (Signals)**
 AQ Code 2020M 40th St. to City Ave.
 Minor SOV Capacity Signal/ITS Improvements
 Subcorr(s): 5F, 7A West Philadelphia

Let Date: -

Signal modernization (33 intersections), minor roadway improvements, pavement markings and related work.

This project location is included in Philadelphia's Bike Network and is rated BL (has a formal Bike Lane).

This project may be suitable for ITS treatments.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	CAQ					5,248
CON	LOC					1,311
Fiscal Year Total		0	0	0	0	6,559
		Total FY 09-12			0	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Philadelphia

MPMS# 57898 *Lancaster Ave. (Signals)*

AQ Code 2010M 45th St. to City Ave.
 Minor SOV Capacity Signal/ITS Improvements
 Subcorr(s): 5F, 7A West Philadelphia

Let Date: 6/11/2009

This project will provide for signal upgrades to 8 intersections: Lancaster Avenue & Overbrook Avenue, Lancaster Avenue & Woodbine Avenue, Lancaster Avenue & 63rd Street, 63rd Street & Woodbine Avenue, Lancaster Avenue & 62nd Street & Malvern Avenue, Lancaster Avenue & 59th Street, Lancaster Avenue & Columbia Avenue, Lancaster Avenue & Oxford Avenue & 57th Street. A new signal at the intersection of Lancaster Avenue and 56th Street, interconnection of signals from City Line Avenue to 52nd Street, Intersection realignments at Lancaster Avenue & Woodbine Avenue, Lancaster Avenue and 63rd Street, 59th & Columbia Avenue & Lancaster Avenue, Lancaster Avenue & 57th Street, the replacement of streetlights from City Avenue to 63rd Street, and pavement markings and traffic sign upgrades from City Line Avenue to 52nd Street.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	CAQ	2,400				
CON	LOC	580				
Fiscal Year Total		2,980	0	0	0	0
		Total FY 09-12			2,980	

MPMS# 57899 *Germantown Ave. Reconstruction (North) at Cresheim*

AQ Code S19 Mermaid Lane to Allens Lane
 Not SOV Capacity Roadway Rehabilitation
 Adding Subcorr(s): 15A Philadelphia City

Let Date: 6/28/2007

The scope of the project is the reconstruction of Germantown Avenue from Allens Lane to Mermaid Lane, a distance of approximately 3,350 feet. The project will include the reconstruction of the roadway, drainage improvements, replacement of the existing SEPTA trolley track facilities, as well as new curbing, sidewalk, street lighting, trees, and utilities as needed. The project will also include the rehabilitation of the existing stone arch bridge over Cresheim Creek which runs parallel to Cresheim Valley Drive.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	BOO	348				
CON	185	312				
CON	BOO		1,067			
CON	185		267			
CON	STU			1,248		
CON	581			312		
Fiscal Year Total		660	1,334	1,560	0	0
		Total FY 09-12			3,554	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Philadelphia

MPMS# 57901 *Lincoln Drive (3R)*
 AQ Code S10 Ridge to Wissahickon
 Not SOV Capacity Roadway Rehabilitation
 Adding Subcorr(s): 5G, Philadelphia City
 15A

Let Date: -

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

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PE	STU		80			
PE	LOCAL		20			
FD	STU		200			
FD	LOCAL		50			
CON	STU					2,926
CON	LOCAL					732
Fiscal Year Total		0	350	0	0	3,658
		Total FY 09-12		350		

MPMS# 57902 *City Wide 3R Betterments*
 AQ Code S10 City-wide
 Not SOV Capacity Roadway Rehabilitation
 Adding Subcorr(s): Philadelphia City

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

Bike lanes will be included as the road widths allow.

Funds for this project are drawn down as appropriate to specific citywide resurfacing contracts. See phase V. See MPMS #71978 for the 2005 Phase V contract. See MPMS #72946 for the 2006 contract #101.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PE	STP	80				
PE	LOC	20				
Fiscal Year Total		100	0	0	0	0
		Total FY 09-12		100		

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Philadelphia

MPMS# 57904 **PA 291, Platt Bridge**
 AQ Code X12 over Schuylkill River
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): 6B Philadelphia City

The project proposes to rehabilitate the existing structure and improve the NB ramp merge with the I-95 EB ramp to the south of the bridge. The bridge is a total length of 8,780 feet. The proposed rehabilitation is essentially maintenance work including deck joint repair, pier structure concrete repair, guiderail repair, impact attenuator replacement, pedestrian railing repair, and deck slab concrete repair.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
UTL	916	850				
ROW	916	350				
Fiscal Year Total		1,200	0	0	0	0
		Total FY 09-12		1,200		

MPMS# 61712 **N Del Riverfront Greenway/Heritage Trail - Sect 2**

AQ Code A2 Old Frankford Creek to Milnor/Disston St
 Not SOV Capacity Bicycle/Pedestrian Improvement
 Adding Subcorr(s): 4B Philadelphia City

Let Date: -

The PA Environmental Council is the sponsor of a multi-use trail (aka "North Delaware River East Coast Greenway" or "Kensington & Tacony Trail"), which entails a bike/pedestrian trail along the Delaware riverfront. The trail consists of four sections. Section 2 is approximately two miles long. It entails a 12-foot wide multi-use trail within the approximate 30-foot wide Kensington & Tacony right-of-way along the North Delaware River waterfront in Philadelphia. This trail is assumed to follow the alignment of the old centerline of the Kensington & Tacony Railroad and includes a connection to Tacony Street.

BREAK INTO 4 SEPARATE PROJECTS

- MPMS #79830 - Section 1/N Del Riverfront Greenway/Delaware River Heritage Trail
- MPMS #61712 - Section 2/N Del Riverfront Greenway/Kensington & Tacony
- MPMS #79832 - Section 3/N Del Riverfront Greenway/Delaware River Heritage Trail
- MPMS #79833 - Section 4/N Del Riverfront Greenway/Delaware River Heritage Trail

Funding:

- CON \$500,000 TE W/TOLL CREDIT from 2000 TE Selection Round, funds drawn from MPMS #64984
- SECTION 115 - \$750,000
- SAFETEA DEMO #363, PA ID# 671 - \$500,000
- SAFETEA DEMO #4805, PA ID# 615 - \$3 MILLION
- SAFETEA DEMO #2649, PA ID# 464 - \$8 MILLION

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	SXF	190				
CON	STE		500			
CON	SXF		1,836			
CON	LOC		459			
Fiscal Year Total		190	2,795	0	0	0
		Total FY 09-12		2,985		

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Philadelphia

MPMS# 61714 *Restoration of the Manayunk Canal*

AQ Code X12

Not SOV Capacity Other

Adding Subcorr(s): 3B Philadelphia City

Design for historic restoration of portions of the sluice house and improvements to locks #68, 69, and 70.

\$214,000 TE for FD. \$54,000 Local for FD.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STE					
Fiscal Year Total			0	0	0	0
		Total FY 09-12				

MPMS# 61717 *Fairmount Water Works Dock*

AQ Code X12

Not SOV Capacity Bicycle/Pedestrian Improvement

Adding Subcorr(s): 3A Philadelphia City

Reconstruction of the ferry dock at the Fairmount Water Works, to restore marine transportation to the lower Schuylkill River.

\$400,000 TE for CON

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STE					
Fiscal Year Total			0	0	0	0
		Total FY 09-12				

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Philadelphia

MPMS# 62717 **Lehigh Ave. West (Signals)**
 AQ Code 2020M Ridge Ave. to Broad St.
 Minor SOV Capacity Signal/ITS Improvements
 Subcorr(s): 14A, 15A Upper North Philadelphia; Lower North Philadelphia

Let Date: -

Signal modernization (19 intersections), minor roadway improvements, pavement markings and related work.
 This project location is included in Philadelphia's Bike Network and is rated BF (Bike Friendly - wide shoulders or lanes).

This project may be suitable for ITS treatments.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	CAQ		360			
FD	LOC		90			
CON	CAQ			5,209		
CON	LOC			1,302		
Fiscal Year Total		0	450	6,511	0	0
			Total FY 09-12			6,961

MPMS# 64806 **34th Street (Signals)**
 AQ Code 2020M Mantua Avenue to Spruce Street
 Minor SOV Capacity Signal/ITS Improvements
 Subcorr(s): 3A, 7A, 10A Philadelphia City

Signal modernization , minor roadway improvements, pavement markings and related work at 9 intersections.
 This project location is included in Philadelphia's Bike Network and is rated BL (has a formal Bike Lane).

This project may be suitable for ITS treatments.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	LOC					150
CON	NHS					880
CON	581					220
Fiscal Year Total		0	0	0	0	1,250
			Total FY 09-12			0

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Philadelphia

MPMS# 64844 30th Street Station Bridges - 6 Structures

AQ Code S19 at I-676 East Bound
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): 3A West Philadelphia

Let Date: -

The project includes the rehabilitation of the structures around 30th Street Station and over Amtrak's Northeast Corridor rail lines, in the City of Philadelphia. There are 6 structures within the project limits. The work area includes Market Street and Little Market Street (S.R. 3010 and S.R. 3026), Arch Street (S.R. 3030) and Chestnut Street (S.R. 0003) between 30th Street and Schuylkill Avenue West. It also includes 30th Street (S.R. 3026) between Arch Street and Market Street. The roadways around the station are built on structure to accommodate the railroad tracks (AMTRAK, SEPTA) and highway (I-76, Schuylkill Expressway) that pass underneath. No changes to the horizontal or vertical geometry or clearances are anticipated. This affected section of Market Street is on the NHS.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	581		100			
UTL	BOO		800			
UTL	185		200			
ROW	BOO		200			
ROW	185		50			
CON	BOO			5,792		
CON	185			2,403		
CON	BOO				39,631	
CON	185				8,991	
Fiscal Year Total		0	1,350	8,195	48,622	0
			Total FY 09-12		58,167	

MPMS# 65915 Pennsylvania Ave. Improvements

AQ Code A2
 Not SOV Capacity Bicycle/Pedestrian Improvement
 Adding Subcorr(s): 3A Philadelphia City

Pedestrian facilities will be enhanced with the improvement of crosswalks and various traffic calming techniques that will create a more pedestrian-friendly environment. This corridor is adjacent to the Philadelphia Museum of Art.
 CON \$960,000 TE

This project location is included in Philadelphia's Bike Network and is rated BL (has a formal Bike Lane).

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STE					
Fiscal Year Total		0	0	0	0	0
			Total FY 09-12		0	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Philadelphia

MPMS# 68067 **Tidal Schuylkill River Greenway & Trail**
 AQ Code X7 Locust St. and South St. Bridge
 Not SOV Capacity Bicycle/Pedestrian Improvement
 Adding Subcorr(s): 3A Philadelphia City

Let Date: -

Phase IIIB of the Schuylkill River Park Trail will consist of the proposed construction of an approximately 2,200-foot long extension of the existing multi-use Schuylkill River Park Trail. The Schuylkill River Park Trail, administered by the Schuylkill River Development Corporation, is envisioned as a continuous trail on the east bank of the lower Schuylkill River extending southward from the Fairmount Water Works to Fort Mifflin on the Delaware River. The existing portion of the trail is entirely land-based and runs from Fairmount Water Works to a cul-de-sac south of the Walnut Street Bridge, approximately in line with Locust Street. At its northern terminus, the Schuylkill River Park Trail connects to the Schuylkill River Trail, part of the Pennsylvania Greenway Plan. The Project proposes to extend the trail overland about 200' further south until there is no longer adequate room between the river and the adjacent CSX railroad right-of-way to accommodate the trail on land. At this point, a multi-use bridge will be built over the river approximately 25' from and parallel to the existing riverbank bulkhead and run southward about 2,000' to the stair tower proposed as part of the new South Street Bridge. The land portion of the new trail extension will be a landscaped asphalt trail, and the over-water portion will be an elevated boardwalk-type structure supported on river piers. The elevated trail section must be wide enough to accommodate motorized emergency and small maintenance vehicles (about 15').

As a result of the 2002 DVRPC competitive CMAQ Program, \$400,000 CMAQ funds will be programmed in the future as appropriate for land acquisition or construction between South Street and Bartram's Garden, extending currently private parcels between Locust Street and the South Street Bridge/North for incorporation into the Tidal Schuylkill River Greenway and Trail. Schuylkill River Development Corporation (SRDC) is the project sponsor.

(CMAQ ID #PA02-004) (See MPMS #48201 for other projects selected as part of the 2002 competitive Program.)

SAFETEA DEMO #1189/PA ID #383 - \$1.344 MILLION

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	DEMO	344				
FD	CMAQ	320				
FD	LOCAL	80				
FD	LOCAL	80				
FD	LOCAL	86				
UTL	DEMO	320				
ROW	CMAQ	80				
ROW	LOCAL	20				
CON	STE			1,000		
CON	DEMO			360		
CON	LOCAL			4,854		
Fiscal Year Total		1,330	0	6,214	0	0
			Total FY 09-12		7,544	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Philadelphia

MPMS# 68072 **PATCO Directional Signage, Philadelphia**

AQ Code X11 Philadelphia PATCO Stations
 Not SOV Capacity Transit Improvements
 Adding Subcorr(s): Philadelphia City
 10A, 14A

Let Date: -

As a result of the 2002 DVRPC competitive CMAQ Program, \$100,000 CMAQ funds will be programmed in the future as appropriate for design and installation of a marketing program to provide new signage for travelers to and from Philadelphia PATCO stations. This is an effort to increase off-peak ridership and to improve the daily commuter travel experience, thereby attracting travelers who would otherwise have used an automobile for the trip.

(CMAQ ID# PA02-041) (See MPMS #48201 for other projects selected as part of the 2002 competitive Program.)

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	CAQ	105				
CON	LOC	26				
Fiscal Year Total		131	0	0	0	0
		Total FY 09-12			131	

MPMS# 69664 **Clarrissa Street (Bridge)**

AQ Code S19 Over Conrail
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): 5G, Upper North Philadelphia
 14A

Let Date: -

The purpose of this project is to replace this bridge which has collision damage and several section losses.

The single span, 63'-long built up through girder bridge supported on concrete abutments dates to 1903 and is composed of 5 girders with the deepest being the fascia girders. The existing bridge upholds one lane for each approach of Clarissa Street and pedestrian walkways over Conrail, which is a single railroad track which runs north to south.

Replacement of the existing structure carrying Clarrissa Street (S.R. 4007) over a Conrail line in the Nicetown-Tioga section of Philadelphia. It is anticipated that traffic will be detoured during construction. The reuse of the existing substructure will be investigated during the design phase. There will be minimal roadway approach work. The existing conditions include 2 – 12' travel lanes, 8' shoulders/bicycle lanes, 8' median and 12' sidewalks on both sides. The proposed conditions will include two travel lanes, shoulders/bicycle lanes, median and sidewalks on both sides.

Sufficiency Rating: 48.0

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
UTL	BOO	150				
ROW	BOO	50				
CON	BOO		4,945			
Fiscal Year Total		200	4,945	0	0	0
		Total FY 09-12			5,145	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Philadelphia

MPMS# 69909 **Willits Road (Bridge)**
 AQ Code S19 Over Wooden Bridge Run
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): 5H Philadelphia City

Let Date: -

This project involves rehabilitating the bridge carrying Willits Road (S.R. 1011) over Wooden Bridge Run in the City of Philadelphia. The purpose of the project is to extend the service life of the existing structure. The existing structure has severely rusted components, large open spalls exposing rusted reinforced steel, and cracks with efflorescence. Rehabilitation will include replacing the existing superstructure and R.C. overlay. Upgrades to the guiderail approaches should also be included in the project.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PE	916D	500				
FD	BND		350			
UTL	STP		160			
UTL	185		40			
ROW	BND		100			
CON	BND				2,090	
Fiscal Year Total		500	650	0	2,090	0
		Total FY 09-12			3,240	

MPMS# 69915 **Roosevelt Expressway (Twin Bridge)**
 AQ Code S19 Over Schuylkill River
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): 3A, 5G West Philadelphia; Upper North Philadelphia; Germantown-Chestnut Hill

Let Date: -

Parapet and bridge rehabilitation including replacing or retrofitting the existing pre-cast concrete barriers, pin and hanger retrofit, joint repair, drainage improvements, fence replacement, zone painting, and a new overlay. This section of Route 1 is a high volume, limited access expressway and is a critical connection between I-76 and Northeast Philadelphia. Each bridge carries 3 – 12' travel lanes. The proposed conditions will match existing. Roadway approach work is not necessary. Sufficiency Rating: 57.5 Northbound, 58.3 Southbound

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	ECON-R		6,376			
CON	NHS			2,505		
CON	STP			3,855		
Fiscal Year Total		0	6,376	6,360	0	0
		Total FY 09-12			12,736	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Philadelphia

MPMS# 70220 **Schuylkill River Park Ramp**
 AQ Code A2 at South Street Bridge
 Not SOV Capacity Bicycle/Pedestrian Improvement
 Adding Subcorr(s): 3A, Philadelphia City
 10A

Let Date: -

The project consists of the construction of an approximately 2,200-foot long extension of the Schuylkill River Park Trail. An existing paved walkway trail currently terminates at a cul-de-sac south of the Walnut Street Bridge, approximately in line with Locust Street. The Project proposes that the walkway be extended overland several hundred feet further south until there is no longer adequate room between the river and the adjacent CSX railroad right-of-way to accommodate the trail on land. At this point a walkway bridge will be built over and parallel to the river approximately twenty feet from the existing bank, and it will extend to the stair tower proposed as part of the new South Street Bridge. The land portion of the new trail extension will be a landscaped asphalt trail and the over-water portion will be an elevated boardwalk type structure supported on river piers. The elevated trail section must be wide enough to accommodate emergency and maintenance vehicles. The ramp will provide a safe southern terminus point as access for park visitors and will create a safe link for pedestrians and bicyclists between the Schuylkill River Park project (MPMS #17754 is complete) and the South Street Bridge (also see MPMS #17724).

TOLL CREDIT

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	CMAQ	1,488				
CON	CMAQ		1,483			
CON	CMAQ			969		
Fiscal Year Total		1,488	1,483	969	0	0
			Total FY 09-12		3,940	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Philadelphia

MPMS# 71209 *East Falls Reconnects to River, Phase I*

AQ Code A2
 Not SOV Capacity Bicycle/Pedestrian Improvement
 Adding Subcorr(s): 15A Philadelphia City

Let Date: -

This project will provide for safer and more convenient pedestrian and bicycle access between the East Falls area and the Schuylkill River Heritage Trail. In addition, it will add parking and pedestrian scale lighting to the Riverfront District to enhance access and safety, and to attract residents and visitors.

\$677,760 TE funds were approved during the FY2004 project selection process, to be programmed at the appropriate time, drawing funds from MPMS #64984.

The following phase(s) will be funded locally:

PE - \$13,433
 FD - \$67,165

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STE	552				
CON	TOLL					
CON	STE			125		
CON	TOLL					
Fiscal Year Total		552	0	125	0	0
		Total FY 09-12			677	

MPMS# 71210 *West Bank Greenway/Philadelphia Zoo*

AQ Code A2
 Not SOV Capacity Bicycle/Pedestrian Improvement
 Adding Subcorr(s): 3A, 7A Philadelphia City

The Philadelphia Zoo proposes to develop the missing link of the West Bank Greenway between Fairmount Park and West Philadelphia along the perimeter of the Zoo. This landscaped section of pedestrian/bicycle improvements will be a key link in the Schuylkill River Trail and Heritage Corridor.

\$904,625 TE funds were approved during the FY2004 project selection process, to be programmed at the appropriate time, drawing funds from MPMS #64984.

The following phase(s) will be funded locally:

PE - \$31,000
 FD - \$155,000

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STE					
Fiscal Year Total			0	0	0	0
		Total FY 09-12				

Pennsylvania - Highway Program

Philadelphia

MPMS# 72597 Ben Franklin Bridge Phila. Operational Improvement

AQ Code 2020M
 Minor SOV Capacity Other
 Subcorr(s): 3A, 10A, Philadelphia City
 15A
 2030 LRP ID: 22

The Ben Franklin Bridge interfaces with a complex network of streets, highway segments, and signalized intersections on the west end of the bridge and Vine Street.

The project will provide for improvements to the Broad Street ramp of the Vine Street Expressway (I-676), signage improvements WB on the Ben Franklin Bridge, and development of Real Time Travel Information (TMC).

Improvements to the Broad Street ramp will be completed in two phases. Phase 1 of the improvements to the Broad Street ramp will provide a second travel lane from the Vine Street Expressway westbound off-ramp to 15th Street southbound with the goal of reducing the existing queue. This also includes the reconfiguration of the ramp tie-in to 15th Street, as well as the repaving of 15th Street to the Vine Street intersection. Phase 2 will provide a new connection from the Broad Street ramp to the intersection at Callowhill Street. This connection provides another option for traffic heading towards the western area of Center City as well as traffic heading north of the Vine Street corridor. The goal is to reduce traffic congestion at the intersection of 15th Street and Vine Street, with the anticipation that this will reduce queues on the ramp and expressway. Additionally, traffic signals will be installed at the intersections of 15th and Callowhill Streets, and at the new ramp and Callowhill St.

Signage improvements will be applied westbound on the Benjamin Franklin Bridge to assist drivers as they exit the bridge, and will include 15 static overhead guide signs which are located on the bridge gantries. At least one dynamic message sign will also be proposed for the gantry area.

The project will also include the development and operation of TMC, device installation, and agency coordination activities. The result would be real time information on congestion, speed, travel times, and travel related incidents distributed to motorists using changeable message signs, websites, highway advisory radio, and electronic notification.

Section 115 funds PA ID#251- \$5 million total (\$1 million used for study/alternatives analysis)

This project may be suitable for ITS treatments.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PE	115	500				
FD	115		400			
CON	115		3,100			
Fiscal Year Total		500	3,500	0	0	0
			Total FY 09-12		4,000	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Philadelphia

MPMS# 72793 **Market Street Bridge Enhancement**

AQ Code A2 Over Schuylkill River
 Not SOV Capacity Streetscape
 Adding Subcorr(s): 3A, Philadelphia City
 10A

Let Date: 12/11/2008

The project which will add pedestrian enhancements to the Market Street Bridge over the Schuylkill River including improved lighting, balustrades, signage, and a portal to the Schuylkill River Park entrance. This project received \$250,000 of Section 115 funds.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	TOLL					
CON	STE*	500				
Fiscal Year Total		500	0	0	0	0
		Total FY 09-12			500	

MPMS# 72946 **Citywide 3R (2006 Streets #101)**

AQ Code S10 City Wide
 Roadway Rehabilitation
 Philadelphia City

Let Date: 6/25/2009

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

Funds for this project were drawn from the Citywide 3R Line item, MPMS #57902, and will be used for resurfacing the #101 contract 2006 set of city streets. See MPMS #71978 for the 2005 Phase V contract.

LET

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	ECON-R	11,841				
Fiscal Year Total		11,841	0	0	0	0
		Total FY 09-12			11,841	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Philadelphia

MPMS# 72996 *Philadelphia School Crossing and Zone Imp. HTSSRS*

AQ Code A2
 Not SOV Capacity Bicycle/Pedestrian Improvement
 Adding Subcorr(s): Philadelphia City

Let Date: -

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 will entail construction for the installation of crosswalks, 15 miles per hour school flashers and related signage at selected schools in the City of Philadelphia. Pedestrian safety brochures will also be printed and distributed to students. This project is a companion project to MPMS #74828, which provides for design and construction

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.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	TOLL					
CON	STE*	500				
CON	TOLL					
CON	STE*		500			
Fiscal Year Total		500	500	0	0	0
		Total FY 09-12		1,000		

MPMS# 72999 *El Centro de Oro Streetscape HTSSRS*

AQ Code A2
 Not SOV Capacity Streetscape
 Adding Subcorr(s): 5G, Philadelphia City
 14A

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 will involve streetscape improvements along North 5th Street between Lehigh and Indiana Avenues to foster a regional identity and a commercial/cultural locate for Philadelphia's Latino community. Improvements will include lighting, sidewalks, kiosks, signage, street furniture and landscaping.

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.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STE		978			
Fiscal Year Total		0	978	0	0	0
		Total FY 09-12		978		

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Philadelphia

MPMS# 73012 **Frankford Ave. Improvement HTSSRS**

AQ Code A2 Girard to Lehigh Avenue

Not SOV Capacity Streetscape

Adding Subcorr(s): 4B, Philadelphia City
5G

Let Date: -

The Home Town Streets/Safe Routes to School (HTSSRS) programs aim to encourage reinvestment in and redevelopment of our downtowns, and to establish safe walking routes for children to commute to school.

This project will involve streetscape improvements along Frankford Avenue between Girard Avenue and Lehigh Avenue in the City of Philadelphia. Improvements will include new sidewalk and curbing, street lightning, signage, bicycle amenities and community gateways facilities. New Kensington CDC is the sponsor of the project.

See MPMS #77465

This project was recommended in the spring of 2005 for funding through the HTSSRS program. \$920,000 funding will be drawn down at the appropriate time.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	TOLL					
CON	STE	920				
Fiscal Year Total		920	0	0	0	0
		Total FY 09-12		920		

Pennsylvania - Highway Program

Philadelphia

MPMS# 73134 *Gateway Revitalization/Torresdale Av Strscape Im Pr*

AQ Code A2

Not SOV Capacity

Adding Subcorr(s):

Streetscape

Philadelphia City

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 is a segment of many "Gateway Revitalization Projects" which include the revitalization of 12 major intersections into and out of Northeast Philadelphia, with boundaries ranging from Frankford Avenue to the West, the Delaware River to the East, Harbison Avenue to the South, Grant Avenue to the North, and the Torresdale Avenue Business District. The purpose of the "Gateway Revitalization Projects" is to assist in the beautification of neighborhoods and communities. These projects focus on a "Welcome" theme -- aesthetic improvements to major streets, highways, and business and residential districts in Northeast Philadelphia.

The Gateway Revitalization project was recommended in the spring of 2005 for funding through the Discretionary HTSSRS program. \$920,000 will be drawn down at the appropriate time.

The Torresdale Avenue Streetscape Improvement project will be completed in conjunction with the Major Artery Revitalization Committee (MARC). The project will include streetscape improvements; such as, pedestrian signals, sidewalks, bumpouts, trees, street furniture, angle parking, pavement markings, median islands, and decorative pavement markings. Specifically, the project will be completed in three phases. The first phase will improve lightning throughout the area by installing new pedestrian lighting in the business district. Phase two will improve crosswalks throughout the corridor by enhancing the current design of the crosswalks from their current design to a honeycomb design, and phase three will consist of curb extensions for busy intersections, increased parking, and exterior improvement to the Tacony Library.

Project funded by a SAFETEA-LU Earmark, (ID 3094; PA ID 496) - \$1Million

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	SXF		1,000			
CON	LOCAL		252			
CON	STP			920		
CON	LOCAL			700		
Fiscal Year Total		0	1,252	1,620	0	0
			Total FY 09-12		2,872	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Philadelphia

MPMS# 73135 *Germantown Ave. Streetscape HTSSRS*

AQ Code A2
 Not SOV Capacity Streetscape
 Adding Subcorr(s): 5G, Philadelphia City
 15A

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 will provide for the construction of streetscape improvements along Germantown Avenue from High Street to Allens Lane. Improvements will include lighting, curbs, sidewalks and street trees. This project will continue the streetscape improvements previously completed from Coulter Street to High Street.

This project was recommended in the spring of 2005 for funding through the HTSSRS program. \$800,000 funding will be drawn down at the appropriate time.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STE		800			
Fiscal Year Total		0	800	0	0	0
		Total FY 09-12			800	

MPMS# 73136 *Mt. Airy Main Street Streetscape HTSSRS*

AQ Code A2
 Not SOV Capacity Streetscape
 Adding Subcorr(s): 15A Philadelphia City

Let Date: -

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 will provide for the construction of streetscape improvements along the 6300 to 7500 blocks of Germantown Avenue in the Mt. Airy section of Philadelphia. Improvements will include street trees, trash receptacles, lighting, repair and replacement of sidewalk as well as beautification through art and landscaping.

This project was recommended in the spring of 2005 for funding through the HTSSRS program. \$936,100 funding will be drawn down at the appropriate time.

SAFETEA LU earmark 1622, PA ID# 403 -\$1,856,000

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	SXF		1,856			
CON	TOLL					
CON	STE			936		
Fiscal Year Total		0	1,856	936	0	0
		Total FY 09-12			2,792	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Philadelphia

MPMS# 73137 **South Street Streetscape HTSSRS**

AQ Code A2 Limits-Front to 8th
 Not SOV Capacity Streetscape
 Adding Subcorr(s): Philadelphia City

Let Date: 10/31/2006

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.

Project includes installation of highway street lighting; construction of curb, sidewalk and ramps

This project was recommended in the spring of 2005 for funding through the HTSSRS program. \$1,000,000 funding will be drawn down at the appropriate time.

This project was let with MPMS #17655 in July 2008.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	TOLL					
CON	STE*	1,000				
Fiscal Year Total		1,000	0	0	0	0
		Total FY 09-12			1,000	

MPMS# 73864 **I-95, Girard Pt. Bridge - Girard Ave. Mod. Resurf.**

AQ Code S10
 Roadway Rehabilitation
 South Philadelphia

Let Date: 3/20/2008

Current pavement conditions have deteriorated to the point where immediate attention is needed. Concrete patching, milling, crack seal, and overlay will be included in the project. The improvements will extend the life of the roadway for approximately 10 years. LET DATE - 3/20/2008
 Estimated Cost is \$15 Million

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	916	5,844				
CON	916			965		
Fiscal Year Total		5,844	0	965	0	0
		Total FY 09-12			6,809	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Philadelphia

MPMS# 74823 **Philadelphia Zoo Intermodal Transportation Center**
 AQ Code 20200 Philadelphia Zoo
 Not SOV Capacity Transit Improvements
 Adding Subcorr(s): 7A

The Philadelphia Zoo plans to develop Inter-modal transportation improvements in coordination with the Philadelphia Streets department. The project will improve traffic flow, parking conditions, links to public transportation, and public safety.

The project has four key components: augmentation of public transportation options by providing a shuttle that connects the Inter-modal Center to 30th Street Station and to other rail and bus lines; consolidation of Zoo parking through the creation surface parking lots accommodating 385 cars on Girard Ave; improvements to the surface parking lot at 38th Street and Girard Avenue, 34th street and Zoological Drive; Streetscape improvements on Girard avenue and 34th street to address deteriorated pedestrian circulation system and support the Inter-modal transportation center and link to other pedestrian and bikeway systems in the area.

The estimated total cost of the project is \$13.7 million. The project received \$4,180,000 provided by a FTA earmark (PA ID #22), and \$3 million provided by two FHWA earmarks (\$2,000,000, PA ID #606) and (\$1,000,000, PA ID 662). The balance of the cost (\$6,520,000) will be funded locally by the City of Philadelphia and the Philadelphia Zoo. FHWA funds will be flexed to FTA (PA-04-0045-01) who will serve as the project manager.

This project accounts for the FHWA Earmarks
 See MPMS# 84473 (FTA funds)

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	SXF		3,000			
CON	LOC		750			
Fiscal Year Total		0	3,750	0	0	0
		Total FY 09-12			3,750	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Philadelphia

MPMS# 74824 **Walnut St Gateway Project**
 AQ Code X9 CITY OF PHILADELPHIA
 Not SOV Capacity Streetscape
 Adding Subcorr(s): 10A

Let Date: -

Design and the construction of operational, structural, and aesthetic improvements to the Walnut Street Bridge and Schuylkill Avenue. Improvements will include streetscape, crosswalk, curb, and sidewalk improvements. Schuylkill River Development Corporation (SRDC) is the project sponsor. SAFETEA DEMO #4815 - \$1 MILLION SAFETEA DEMO #357, PA ID# 665-\$700,000. This is one in a series of projects sponsored by SRDC to improve access to and the aesthetics of the Schuylkill River through Center City Philadelphia.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	SXF	120				
FD	LOC	30				
PE	SXF		406			
PE	LOC		101			
CON	SXF		1,460			
CON	LOC		365			
Fiscal Year Total		150	2,332	0	0	0
			Total FY 09-12		2,482	

MPMS# 74828 **American Cities/Safe Routes to School Phase 3**

AQ Code S6 Citywide
 Not SOV Capacity Bicycle/Pedestrian Improvement
 Adding Subcorr(s): Philadelphia City

Let Date: -

This project will provide for the installation of school flashers, pedestrian bumpouts, and crosswalks at various locations throughout the city. The project is the third phase of the City's Safe Routes to School project.

Construction (Phase I and II) were to be funded by the companion project, MPMS #72996. This project (Phase III) will provide for design as well as construction.

SAFETEA DEMO ID #2622, PA ID# 460- \$3.2 MILLION

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PE	SXF	320				
PE	LOC	80				
PE	SXF		320			
PE	LOC		80			
CON	SXF		1,924			
CON	LOC		481			
Fiscal Year Total		400	2,805	0	0	0
			Total FY 09-12		3,205	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Philadelphia

MPMS# 74829 **Schuylkill River Park Rail Crossings**
 AQ Code S1 Schuylkill River Park Rail
 Not SOV Capacity Bicycle/Pedestrian Improvement
 Adding Subcorr(s): 10A Philadelphia City

Let Date: -

The project will include the construction of two (2) at grade rail crossings over the CSX rail line to access the Schuylkill River Park in Philadelphia. The at grade crossings will be located at Race Street and Locust Street and will create a safe link for pedestrian and bicyclists between the Schuylkill River Park project (MPMS #17754) and Center City. Any additional funds required to complete the project will be provided locally.

SAFETEA-LU Earmark (ID 4829/PA ID 639) \$600,000

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	SXF	600				
CON	TOLL					
Fiscal Year Total		600	0	0	0	0
		Total FY 09-12			600	

MPMS# 74831 **Cresheim Valley Drive Revitalization Project**

AQ Code S10 Cresheim Road to Stenton Ave
 Roadway Rehabilitation
 Philadelphia City

Let Date: -

This project involves the restoration, resurfacing and reconstruction of Cresheim Valley Drive from Cresheim Road to Stenton Avenue. The project will be let in conjunction with CW101 MPMS#72946. All street segments will be resurfaced with bituminous material. The existing inlets and lateral connections to the Cresheim Creek will be replaced with inlets. Also, the pipe that connects one of the inlets to the creek through the culvert beneath Lincoln Drive Bridge will be replaced with a new RCP with a new connection to the culvert. Rock lining will be provided on the street side slope of the creek. Concrete barrier and moment slab will be installed along the Cresheim Creek side. New concrete curb and guiderail will be installed on the opposite side of Cresheim Creek. In addition, the scour area under the bridge will be repaired as a part of this project.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	DEMO*	769				
Fiscal Year Total		769	0	0	0	0
		Total FY 09-12			769	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Philadelphia

MPMS# 74833 **Frankford Avenue-Mayfair**
 AQ Code X9 Frankford Av from Harbison to Cottman Av
 Not SOV Capacity Streetscape
 Adding Subcorr(s): 4B, Philadelphia City
 5G

Let Date: 9/10/2009

The project will include streetscape improvements such as pedestrian signals, sidewalks, bumpouts, trees, street furniture, angle parking, pavement markings, median islands, and decorative pavement markings on Frankford Ave between Harbison Road and Cotlman Avenue. The project will be completed in conjunction with Mayfair CDC, who plans to revitalize Frankford Avenue from Harbison Avenue to Cottman Avenue, specifically in the vicinity of the Devon Theater and other surrounding businesses. Any additional funds required to complete the project will be provided locally.

SAFETEA-LU Earmark- (ID 2935/PA ID 484) \$1 Million, PA

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	SXF	1,000				
Fiscal Year Total		1,000	0	0	0	0
		Total FY 09-12			1,000	

MPMS# 74859 **City Wide 3R #102 Resurfacing**

AQ Code S10
 Roadway Rehabilitation
 Philadelphia City

Let Date: -

This project includes FAM resurfacing and base repairs, upgrade of all impacted Curb Ramps and cross walks to current federal standards, replacement of traffic signs to comply to federal mandate, and replacement of aluminum streetlight poles with nonconductive fiberglass at several locations: 33rd Street from Lancaster Avenue to Mantua Avenue (\$575,000); 5th Street from Godfrey Avenue to Cheltenham (\$1,120,000); 66th Avenue from 5th Street to 2nd Street (\$475,000); American Street from Hunting Park Avenue to Luzerne Street (\$345,000); 9th Street from Wyoming Avenue to Roosevelt Blvd (\$195,000); Luzerne Street from 5th Street to 9th Street (\$385,000); Sedgley Avenue from Erie Avenue to Allegheny Avenue (\$611,000); 44th Street from Baltimore Avenue to Market Street (\$390,000); 43rd Street from Baltimore Avenue to Powelton Avenue (\$430,000); Greene Street from Cheltenham Avenue to Manheim Street (\$490,000).

Under construction

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	ECON-R	5,016				
Fiscal Year Total		5,016	0	0	0	0
		Total FY 09-12			5,016	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Philadelphia

MPMS# 76644 **I-76 Precast Parapets**
 AQ Code S19 Montgomery and Philadelphia Counties
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): 3B, Philadelphia City
 3C

Let Date: 12/11/2008

Repairing existing I-76 structure pre-cast parapets from US1 to South Street, both eastbound and westbound. Parapet repairs will be made for bolt-down and hook-bar modifications with extension of the existing parapet to glare screen height. There are 19 bridges.

Various sections of I-76 Rehabilitation: MPMS #'s 67762.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	916	6,130				
CON	916		1,381			
CON	916			319		
Fiscal Year Total		6,130	1,381	319	0	0
		Total FY 09-12			7,830	

MPMS# 76870 **Willow Grove Avenue Bridge Over SEPTA R8**

AQ Code S19 Bridge Repair/Replacement
 Not SOV Capacity Germantown-Chestnut Hill
 Adding Subcorr(s): 15B

Let Date: -

The scope of work includes the removal of the existing structure and piers, the construction of new stone faced reinforced concrete abutments, reconstruction of the roadway approach and the construction of a new single span stringer bridge, concrete parapets and an electrification barrier over the SEPTA track. The bridge is currently closed to vehicular traffic.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PE	STP	400				
PE	185	75				
PE	LOC	25				
FD	STP			391		
FD	185			73		
FD	LOC			24		
CON	BOO					2,240
CON	185					420
CON	LOC					140
Fiscal Year Total		500	0	488	0	2,800
		Total FY 09-12			988	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Philadelphia

MPMS# 77452 *Manayunk Canal Restoration*

AQ Code A2
 Not SOV Capacity Bicycle/Pedestrian Improvement
 Adding Subcorr(s): 15A Philadelphia City

This Phase III project involves the restoration of Philadelphia's most significant surviving remnant of the once great Schuylkill Navigation system. It includes restoring water flow to the canal, improving the hydrology in the canal & providing stabilization of the historic SluiceHouse.

In the spring of 2006 this project was recommended for funding through the HTSSRS/TE Program. \$980,250 will be drawn from MPMS #64984 at the appropriate time.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STE					
Fiscal Year Total			0	0	0	0
		Total FY 09-12				

MPMS# 77453 *Philadelphia Bicycle Ambassadors*

AQ Code A2
 Other
 Philadelphia City

This project involves the Bicycle safety ambassadors distributing safety information on Philadelphia streets & attending community events to reduce the number of bicycling-related injuries and deaths, help all users (bike riders, motorists & pedestrians) better share roads and off-road trails and create more livable neighborhoods by helping more people to bicycle.

In the spring of 2006 this project was recommended for funding through the HTSSRS/TE Program. \$360,000 will be drawn from MPMS #64984 at the appropriate time.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	TOLL					
CON	STE*	360				
Fiscal Year Total		360	0	0	0	0
		Total FY 09-12				360

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Philadelphia

MPMS# 77454 *Outdoor Advertising Control*

AQ Code X12

Not SOV Capacity

Adding Subcorr(s):

Streetscape

Philadelphia City

This project will improve the visual character of scenic byways, gateway corridors, & hometown streets. The project will provide billboard inventories & technical assistance in the effective control of billboards & the removal of illegal off premise signs along target corridors.

In the spring of 2006 this project was recommended for funding through the HTSSRS/TE Program. \$57,500 will be drawn from MPMS #64984 at the appropriate time.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	TOLL					
CON	STE*	58				
Fiscal Year Total		58	0	0	0	0
		Total FY 09-12			58	

MPMS# 77464 *Chinatown Plaza Revitalization-10th & Vine Streets*

AQ Code X12

Streetscape

Philadelphia City

Implement streetscape and traffic calming measures at the area of 10th and Vine Streets in the Chinatown neighborhood of Center City.

In the spring of 2006 this project was recommended for funding through the HTSSRS/TE Program. \$980,250 will be drawn from MPMS #64984 at the appropriate time.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STE		787			
CON	TOLL					
CON	TOLL					
CON	STE			193		
Fiscal Year Total		0	787	193	0	0
		Total FY 09-12			980	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Philadelphia

MPMS# 77465 *Frankford Avenue Improvement Plan*

AQ Code X12 Girard to Lehigh Avenue
 Not SOV Capacity Streetscape
 Adding Subcorr(s): 4B Philadelphia City

Let Date: -

To improve the appearance and infrastructure on Frankford Avenue in Philadelphia. Improvements will be made to lighting, sidewalks, signage, bicycle amenities, and community gateway plantings.

In the spring of 2006 this project was recommended for discretionary funding through the HTSSRS/TE Program. \$920,000 will be drawn from MPMS #64984 at the appropriate time. New Kensington CDC is the sponsor of the project. See MPMS# 73012.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STE	460				
CON	TOLL					
CON	STE		460			
CON	TOLL					
Fiscal Year Total		460	460	0	0	0
		Total FY 09-12			920	

MPMS# 77466 *Mid-East Girard Avenue Streetscape Project*

AQ Code X12 Streetscape
 Not SOV Capacity Philadelphia City
 Adding Subcorr(s): 4B, 14A, 15A

The Mid-East Girard Avenue Streetscape Project will install new curbs, lights, sidewalks, bump-outs and trees along the corridor from Susquehanna to 8th Street.

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.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STE		1,000			
CON	TOLL					
Fiscal Year Total		0	1,000	0	0	0
		Total FY 09-12			1,000	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Philadelphia

MPMS# 77475 Philadelphia School Zone Safety Phase 2

AQ Code A2
 Not SOV Capacity Streetscape
 Adding Subcorr(s): Philadelphia City

Installation of bumpouts in approximately 17 school zones throughout the City of Philadelphia.
 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.

Phase CON	Fund STE	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
Fiscal Year Total			0	0	0	0
		Total FY 09-12				

MPMS# 77477 Schuylkill River Park & Trail-Phase IIIB-North

AQ Code A2
 Not SOV Capacity Bicycle/Pedestrian Improvement
 Adding Subcorr(s): 3A, Philadelphia City
 10A

Let Date: 1/22/2009

FUNDS ACCOUNT FOR ACCRUED UNBILLED COSTS

This project will complete key segment of Schuylkill River bike & ped trail between Race Street & Martin Luther King Dr. including landscaping, grading & plantings. Entire trail 1.2 miles between Water Works & South Street. Section between Locust & Race Street was completed in Oct 2005 in partnership with City & USACE. Property owned by City of Philadelphia.

In the spring of 2006 this project was recommended for discretionary funding through the HTSSRS/TE Program. \$900,000 will be drawn from MPMS #64984 at the appropriate time.

Phase CON CON	Fund STE STE*	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
		340				
				560		
Fiscal Year Total		340	0	560	0	0
		Total FY 09-12				900

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Philadelphia

MPMS# 77478 *Schuylkill Trails-Bicycle & Pedestrian Trail*

AQ Code A2
 Not SOV Capacity Bicycle/Pedestrian Improvement
 Adding Subcorr(s): 3A, Philadelphia City
 6B, 10A

Let Date: -

The Schuylkill Trails Master Plan outlines a strategy for the development of a riverfront bicycle & pedestrian trail from the South Street Bridge to Bartram's Garden. The priority is to complete segments in city-owned parcels between the University Avenue Bridge (DuPont property) & Fed Ex. The trail will improve public access & link to existing street & bikeway connections. Also see MPMS #68067.

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

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STE	1,000				
CON	TOLL					
Fiscal Year Total		1,000	0	0	0	0
		Total FY 09-12		1,000		

MPMS# 77479 *Roxborough Streetscape Improvements*

AQ Code X12
 Not SOV Capacity Bicycle/Pedestrian Improvement
 Adding Subcorr(s): 3A, Roxborough-Manayunk
 15A

Let Date: -

Enhance the pedestrian, transit, and bicycle experience in this district so as to market the business district as a safe, fun and unique place to patrons and as an economically viable market place to investors.

In the spring of 2006 this project was recommended for Discretionary TE funding through the HTSSRS/TE Program. \$886,020 will be drawn from MPMS #64984 at the appropriate time. Deisign is being funded locally.

SAFETEA LU ID #2832, PA ID # 477- \$800,000 was originally assigned MPMS #74838 and will be broken out if necessary.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	TOLL					
CON	STE	886				
CON	SXF	800				
Fiscal Year Total		1,686	0	0	0	0
		Total FY 09-12		1,686		

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Philadelphia

MPMS# 77485 **Mill Creek Safe Routes to School**
 AQ Code X12 43rd St.; 48th St.; BrownSt.; Fairmount
 Not SOV Capacity Streetscape
 Adding Subcorr(s): 7A Philadelphia City

The project will facilitate safer routes to the nearby Sulzberger Middle School through re-surfacing of existing streets, installation of new and improvement of existing pedestrian crosswalks and bike path routes, removing and replacing curbs, installation of new street / pedestrian signage, and installing additional lighting. The project area includes 43rd Street to the East, 48th Street to the West, Brown Street to the North and Fairmount Avenue to the South.

In the spring of 2006 this project was recommended for funding through the HTSSRS/TE Program. \$1,125,000 will be drawn from MPMS #64984 at the appropriate time.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STE					
Fiscal Year Total			0	0	0	0
		Total FY 09-12				

MPMS# 77540 **Baltimore Avenue Pedestrian Lighting**

AQ Code X12
 Not SOV Capacity Streetscape
 Adding Subcorr(s): 5E, 10A Philadelphia City

Install pedestrian lighting on Baltimore Avenue whose proximity to eleven schools serving more than 12,000 students (pre-K to 12th grade) makes it a critical safe route to school. Baltimore Avenue is a state highway.

In the spring of 2006 this project was recommended for discretionary funding through the HTSSRS/TE Program. \$575,000 will be drawn from MPMS #64984 at the appropriate time.

\$575,000 was drawn down from the MPMS #71808 - Statewide Hometown/SRTS line item

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STE					
Fiscal Year Total			0	0	0	0
		Total FY 09-12				

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Philadelphia

MPMS# 78758 *JFK Blvd O/22nd St*
 AQ Code S19 CITY OF PHILADELPHIA
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): 10A

Let Date: -

Bridge Replacement

This project includes funding for MPMS #78761 (JFK Blvd over 21st Street) and MPMS #78757 (JFK Blvd over 23rd Street)

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PE	BND	576				
PE	BND		500			
FD	BND		76			
PE	BND			125		
CON	BND			4,226		
Fiscal Year Total		576	576	4,351	0	0
		Total FY 09-12			5,503	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Philadelphia

MPMS# 79686 **I-95: Columbia - Ann (GR1)**
 AQ Code 2020M City of Philadelphia
 Minor SOV Capacity Roadway Rehabilitation
 Subcorr(s): 4B
 2030 LRP ID: 08

Let Date: -

I-95 Roadway Reconstruction (Delaware Ave/Richmond St): Columbia - Ann. Project surface streets, temporary detour road and utility relocations which includes all major utility relocation work and majority of the surface street reconstruction and relocation work on Delaware Avenue and relocated Richmond Street. Construction of temporary detour road through Conrail's Port Richmond Yard, reconstruction of Girard and Aramingo Aves, Girard Ave trolley bridge and 4 Conrail bridge structure replacements, retaining wall reconstruction, and intersection improvements/signal re-timings.

This project is a breakout of MPMS# 17821 (GIR).

Investment of more than \$2 billion will provide for the repair, reconstruction and restoration of I-95, a major facility built in the 1960's which runs through Bucks, Philadelphia, and Delaware Counties in the DVRPC region. This project is integral to the Delaware Valley Freight Corridors Initiative. The reconstruction of I-95 has been broken out to over 20 separate MPMS#'s, some of which appear in the Interstate Management Program which is strictly for reconstruction components, some which appear in the DVRPC Regional TIP, and most which will occur in Later Fiscal Years and are yet to be programmed. See MPMS #'s 17821, 47812, 82619, 80094, 79686, 79825, 79683, 80014, and 84226.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
UTL	STU	1,671				
UTL	STU		8,705			
UTL	NHS		1,505			
ROW	NHS		6,542			
ROW	STP		300			
ROW	STU		1,131			
ROW	581		500			
CON	NHS		151			
UTL	STU			5,511		
ROW	NHS			9,555		
ROW	STU			300		
ROW	STP			1,663		
CON	STP			700		
CON	NHS			10,114		
CON	NHS			3,064		
CON	STU			9,635		
ROW	NHS				3,679	
CON	NHS				1,829	
CON	NHS					9,332
CON	NHS					15,359
CON	STU					5,000
Fiscal Year Total		1,671	18,834	40,542	5,508	29,691
				Total FY 09-12	66,555	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Philadelphia

MPMS# 79743 **Logan Square, 20th/Winter/Parkway**
 AQ Code X9 Winter Street/20th Street/Parkway
 Not SOV Capacity Streetscape
 Adding Subcorr(s): 3A, Philadelphia City
 10A

Let Date: -

Project will fund new traffic and pedestrian enhancements on the north side of the Franklin Institute located at Logan Square and 20th Street, Winter Street, and the Benjamin Franklin Parkway. Project will provide safe queuing for school buses, a new outdoor science park for the Franklin Institute, and additional information kiosk and café, and a safer pedestrian crossing along 20th Street to better link to the Franklin Institute, the main branch of the Free Library, and the future Barnes Foundation. This project will be designed and constructed in conjunction with MPMS # 80054 (Vine Street Expressway Bridges).

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	CAQ			1,200		
CON	STU			600		
CON	LOC			450		
Fiscal Year Total		0	0	2,250	0	0
		Total FY 09-12		2,250		

MPMS# 79825 **I-95: Shckmxon - Columbia (GR2)**
 AQ Code 2020M City of Philadelphia
 Major SOV Capacity Roadway New Capacity
 Subcorr(s): 4B
 2030 LRP ID: 65; 08

Let Date: -

I-95 Roadway Reconstruction/Mainline Crossover: Shackamaxon - Columbia. Project is I-95 mainline construction traffic control cross-over construction for closure and removal of existing I-95 north bound off ramp (Ramp E), reconstruction and widening of I-95 between Shackamaxon St. and Columbia Ave., reconstruction of Delaware Ave. between Columbia and Montgomery Aves., I-95 structure replacements over Shackamaxon St. Marlborough St., and Columbia Ave., and associated retaining and sound barrier wall construction.

This project is a breakout of MPMS# 17821 (GIR).

Investment of more than \$2 billion will provide for the repair, reconstruction and restoration of I-95, a major facility built in the 1960's which runs through Bucks, Philadelphia, and Delaware Counties in the DVRPC region. This project is integral to the Delaware Valley Freight Corridors Initiative. The reconstruction of I-95 has been broken out to over 20 separate MPMS#'s, some of which appear in the Interstate Management Program which is strictly for reconstruction components, some which appear in the DVRPC Regional TIP, and most which will occur in Later Fiscal Years and are yet to be programmed. See MPMS #'s 17821, 47812, 82619, 80094, 79686, 79825, 79683, 80014, and 84226.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
UTL	STU	1,000				
CON	NHS		984			
CON	STP			2,551		
CON	NHS				5,056	
CON	NHS					675
Fiscal Year Total		1,000	984	2,551	5,056	675
		Total FY 09-12		9,591		

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Philadelphia

MPMS# 79830 **North Delaware Riverfront Greenway project, Sec 1**

AQ Code A2 Lewis Street to Old Frankford Creek

Not SOV Capacity Bicycle/Pedestrian Improvement

Adding Subcorr(s): 4A, Philadelphia City
4B

Let Date: -

The PA Environmental Council is the sponsor of a multi-use trail (aka "North Delaware River East Coast Greenway" or "Bridesburg Trail"), which entails a bike/pedestrian trail along the Delaware riverfront. The trail consists of four sections. Section 1 is approximately two miles long. This portion of the trail will begin at Lewis Street, cross the Frankford Creek, travel east to the Delaware River and run north along the river's edge to Old Frankford Creek.

BREAK INTO 4 SEPARATE PROJECTS

MPMS #79830 - Section 1/N Del Riverfront Greenway/Delaware River Heritage Trail

MPMS #61712 - Section 2/N Del Riverfront Greenway/Kensington & Tacony

MPMS #79832 - Section 3/N Del Riverfront Greenway/Delaware River Heritage Trail

MPMS #79833 - Section 4/N Del Riverfront Greenway/Delaware River Heritage Trail

Funding:

CON \$500,000 TE W/TOLL CREDIT from 2000 TE Selection Round, funds drawn from MPMS #64984

SECTION 115 - \$750,000

SAFETEA DEMO #363, PA ID# 671 - \$500,000

SAFETEA DEMO #4805, PA ID# 615 - \$3 MILLION

SAFETEA DEMO #2649, PA ID# 464 - \$8 MILLION

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PE	SXF	320				
PE	LOC	80				
FD	SXF		120			
FD	LOC		30			
ROW	SXF		400			
ROW	LOC		100			
CON	SXF			2,160		
CON	LOC			540		
Fiscal Year Total		400	650	2,700	0	0
			Total FY 09-12		3,750	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Philadelphia

MPMS# 79832 **North Delaware Riverfront Greenway project, Sec 3**

AQ Code A2 Milnor/Disston Sts. to Pennpack Cr

Not SOV Capacity Bicycle/Pedestrian Improvement

Adding Subcorr(s): 4B Philadelphia City

Let Date: -

The PA Environmental Council is the sponsor of a multi-use trail (aka "North Delaware River East Coast Greenway" or "Holmesburg/ Tacony Trail"), which entails a bike/pedestrian trail along the Delaware riverfront. The trail consists of four sections. Section 3 is approximately two miles long. The trail will begin at Milnor Street/ Disston Street, continues north to the Tacony Boat Launch and Quaker City Yacht Club, then east along the river's edge to the Pennypack Creek.

BREAK INTO 4 SEPARATE PROJECTS

MPMS #79830 - Section 1/N Del Riverfront Greenway/Delaware River Heritage Trail

MPMS #61712 - Section 2/N Del Riverfront Greenway/Kensington & Tacony

MPMS #79832 - Section 3/N Del Riverfront Greenway/Delaware River Heritage Trail

MPMS #79833 - Section 4/N Del Riverfront Greenway/Delaware River Heritage Trail

Funding:

CON \$500,000 TE W/TOLL CREDIT from 2000 TE Selection Round, funds drawn from MPMS #64984

SECTION 115 - \$750,000

SAFETEA DEMO #363, PA ID# 671 - \$500,000

SAFETEA DEMO #4805, PA ID# 615 - \$3 MILLION

SAFETEA DEMO #2649, PA ID# 464 - \$8 MILLION

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PE	SXF			320		
PE	LOC			80		
FD	SXF				120	
FD	LOC				30	
ROW	SXF				500	
ROW	LOC				125	
CON	SXF					2,700
CON	LOC					675
Fiscal Year Total		0	0	400	775	3,375
		Total FY 09-12			1,175	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Philadelphia

MPMS# 79833 *North Delaware Riverfront Greenway project, Sec 4*
 AQ Code A2 Pennypack Cr - Linden Ave
 Not SOV Capacity Bicycle/Pedestrian Improvement
 Adding Subcorr(s): 4B Philadelphia City

Let Date: -

The PA Environmental Council is the sponsor of a multi-use trail (aka "North Delaware River East Coast Greenway" or "Delaware River Heritage Trail/ Baxter"), which entails a bike/pedestrian trail along the Delaware riverfront. The trail consists of four sections. Section 4 is approximately two miles long. The trail will begin at Pennypack Creek, run west of the Fire Academy out to State Road along the Baxter Water Treatment Plant, and returns to the river at Linden Avenue where it will loop through Pleasant Hill Park.

BREAK INTO 4 SEPARATE PROJECTS

- MPMS #79830 - Section 1/N Del Riverfront Greenway/Delaware River Heritage Trail
- MPMS #61712 - Section 2/N Del Riverfront Greenway/Kensington & Tacony
- MPMS #79832 - Section 3/N Del Riverfront Greenway/Delaware River Heritage Trail
- MPMS #79833 - Section 4/N Del Riverfront Greenway/Delaware River Heritage Trail

Funding:

- CON \$500,000 TE W/TOLL CREDIT from 2000 TE Selection Round, funds drawn from MPMS #64984
- SECTION 115 - \$750,000
- SAFETEA DEMO #363, PA ID# 671 - \$500,000
- SAFETEA DEMO #4805, PA ID# 615 - \$3 MILLION
- SAFETEA DEMO #2649, PA ID# 464 - \$8 MILLION

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	SXF	224				
FD	LOC	56				
CON	SXF		2,800			
CON	LOC		700			
Fiscal Year Total		280	3,500	0	0	0
			Total FY 09-12		3,780	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Philadelphia

MPMS# 80054 *Vine St Expy (7) Brgs*
 AQ Code S19 PHILADELPHIA COUNTY
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): 3A,
 4B, 7A, 10A, 14A

Let Date: -

The project involves replacement of the seven (7) superstructures carrying 18th Street, the Family Court Pedestrian Walkway, 19th Street, the Free Library Pedestrian Walkway, Benjamin Franklin Parkway, 21st Street and 22nd Street over I-676 in the City of Philadelphia.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PE	STP		453			
PE	581		113			
UTL	916			2,090		
ROW	916			523		
FD	916				5,304	
CON	916				22,000	
Fiscal Year Total		0	566	2,613	27,304	0
				Total FY 09-12	30,483	

MPMS# 80055 *Roosevelt Blvd (2) Brgs*
 AQ Code S19 PHILADELPHIA COUNTY
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): 5G,
 5H

Let Date: -

The project involves replacement of the two (2) superstructures carrying Holme Avenue over the Roosevelt Boulevard at the Pennypack Circle in the City of Philadelphia.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PE	916	250				
FD	916	3,000				
UTL	916		379			
ROW	916		379			
CON	916				10,000	
Fiscal Year Total		3,250	758	0	10,000	0
				Total FY 09-12	14,008	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Philadelphia

MPMS# 80094 **Temp I-95 Off-Ramp (GR0)**
 AQ Code 2020M PHILADELPHIA COUNTY
 Not SOV Capacity Roadway New Capacity
 Adding Subcorr(s): 4B

Let Date: 7/2/2009

This connector project will reconstruct the existing I-95 southbound off ramp and will include a new "spur" off of that ramp that allows for left turns onto Aramingo Avenue, a bridge structure, reconstruction of Aramingo Avenue, and Girard Avenue surface street connections. Parts of the project will be demolished several years into the future as the southbound mainline, ramps, and spur of the Girard Avenue Interchange will be constructed at their permanent conditions and elevations as part of a later section of the I-95 Girard Interchange.

CMP commitments include intersection, ITS, pedestrian and transit improvements. See DVRPC's CMP 2007 Supplemental Project Status Memorandum for details.

This project is a breakout of MPMS# 17821 (GIR).

Investment of more than \$2 billion will provide for the repair, reconstruction and restoration of I-95, a major facility built in the 1960's which runs through Bucks, Philadelphia, and Delaware Counties in the DVRPC region. This project is integral to the Delaware Valley Freight Corridors Initiative. The reconstruction of I-95 has been broken out to over 20 separate MPMS#'s, some of which appear in the Interstate Management Program which is strictly for reconstruction components, some which appear in the DVRPC Regional TIP, and most which will occur in Later Fiscal Years and are yet to be programmed. See MPMS #'s 17821, 47812, 82619, 80094, 79686, 79825, 79683, 80014, and 84226.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	NHS	8,000				
CON	581	1,693				
CON	581		600			
Fiscal Year Total		9,693	600	0	0	0
		Total FY 09-12			10,293	

MPMS# 80103 **US 1, Roosevelt Expressway Extension**
 AQ Code S6 Philadelphia
 Other
 Philadelphia City

This project aims to reduce the number of injuries and the severity of those injuries along the approximate 3 mile section of limited access highway known as the Roosevelt Expressway. The anticipated benefits of the project are to 1) minimize the angle of redirecting vehicles off the median barrier; 2) preventing penetration through the barrier; 3) eliminating the blunt end of bridge abutment walls; and 4) reducing the number of single vehicles running off the road along the right shoulder in both directions. These goals will be accomplished by 1) installing over 12,000 feet of improved safety-shape concrete median barrier with ample delineation; 2) installing reflective pavement markers; 3) installing milled shoulder rumble strips; and 4) installing roadside barrier and crashworthy end treatments at bridge abutments.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	HSIP		100			
CON	HSIP			600		
Fiscal Year Total		0	100	600	0	0
		Total FY 09-12			700	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Philadelphia

MPMS# 81584 **Schuylkill River Park Pedestrian Bridge(TIGER)**
 AQ Code A2 Schuylkill River Park/Banks Park
 Bicycle/Pedestrian Improvement
 Philadelphia City

This project is a result of a settlement between the City and CSX to improve access to the Schuylkill Banks Park. Project includes the construction of an ADA accessible pedestrian bridge, connecting Schuylkill River Park and Schuylkill Banks Park.

This project was awarded \$1,000,000 Statewide Discretionary TE funds in January, 2009. Funding for this project was also provided through the TIGER program - Transportation Investment Generating Economic Recovery. TIGER award of \$4.4 million (CTDG noted below) has been combined with \$1 million Discretionary TE for a \$5.4 million construction phase. Projects awarded TIGER funds: 68067, 74824, 81584, 90141, 90144, 90180, 90482.

See MPMS #74829

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STE	1,000				
CON	LOC	4,201				
CON	CTDG		4,400			
Fiscal Year Total		5,201	4,400	0	0	0
			Total FY 09-12		9,601	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Philadelphia

MPMS# 82619 **I-95 Bridge Repairs (MB1)**
 AQ Code S19 Philadelphia
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): 4A,
 4B

Let Date: 7/31/2008

The SR 0095 Section MB1 rehabilitation project consists of 20 bridges in Philadelphia and 3 Bridges in Bucks County. In Philadelphia the project starts from SR 0095 Delaware Expressway over Palmer and Cumberland Street, segment 0230 offset 0269, to SR 0095 over Poquessing Creek and Grant Ave, segment 0324 offset 2464 with various repairs to pedestals, joints, decks, and other concrete areas as needed. In Bucks County the bridges include SR 0095 (NB and SB) over Neshaminy Creek and Newportville Road (segment 0384, offset 0000 and segment 0385, offset 0000) with various concrete repairs to the substructure and SR 0332 Newtown-Yardley Road over SR 0095 segment 0280, offset 0000 with rehabilitation of concrete parapets.

Investment of more than \$2 billion will provide for the repair, reconstruction and restoration of I-95, a major facility built in the 1960's which runs through Bucks, Philadelphia, and Delaware Counties in the DVRPC region. This project is integral to the Delaware Valley Freight Corridors Initiative. The reconstruction of I-95 has been broken out to over 20 separate MPMS#'s, some of which appear in the Interstate Management Program which is strictly for reconstruction components, some which appear in the DVRPC Regional TIP, and most which will occur in Later Fiscal Years and are yet to be programmed. See MPMS #'s 17821, 47812, 82619, 80094, 79686, 79825, 79683, 80014, and 84226.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	916	1,058				
CON	916			888		
Fiscal Year Total		1,058	0	888	0	0
		Total FY 09-12		1,946		

MPMS# 82705 **I-676: 18th St. to I-95**
 AQ Code S10 I-676:18th Street and I95
 Philadelphia
 Not SOV Capacity Roadway Rehabilitation
 Adding Subcorr(s): 3A,
 4B

Let Date: 5/28/2009

This project provides for preventative maintenance on I-676 from 18th Street to I-95: rehabilitate existing concrete pavement; concrete patching; diamond grinding; rehabilitate and seal joints. The project also includes diamond grinding of bridge decks and the installation of pavement markings and signs.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	916	6,000				
Fiscal Year Total		6,000	0	0	0	0
		Total FY 09-12		6,000		

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Philadelphia

MPMS# 83590 *Roosevelt Blvd Education*
 AQ Code X City of Philadelphia
 Not SOV Capacity Other
 Adding Subcorr(s): Philadelphia City

Let Date: -

Roosevelt Blvd City of Philadelphia Public Information and Education Program

\$3.2 million SAFETEA-LU Earmark (PA ID 493/FED ID# 3004)

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	SXF	100				
Fiscal Year Total		100	0	0	0	0
		Total FY 09-12		100		

MPMS# 83736 *Rsvlt Blvd o/Wayne Junc*
 AQ Code S19 City of Philadelphia
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): 14A

Let Date: -

Bridge Rehabilitation Roosevelt Boulevard over Roberts Road and Wayne Junction

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PE	916			3,000		
FD	916				3,000	
CON	916					30,000
Fiscal Year Total		0	0	3,000	3,000	30,000
		Total FY 09-12		6,000		

MPMS# 83803 *I-95 Bridge Rehabilitation Analysis*
 AQ Code X1 Girard Point over Schuylkill
 Other

Project will include analysis of temperature and live load stresses and conceptual retrofits for cracking at connection details. Project is breakout of the I-95 Girard Point over the Schuylkill River project, (MPMS #73864), and will serve as the design for MPMS #86046, Girard Pt Bridge

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PE	916	200				
UTL	916	200				
Fiscal Year Total		400	0	0	0	0
		Total FY 09-12		400		

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Philadelphia

MPMS# 84649 **Parkway Streetscape Improvements**
 AQ Code X12 1600 to 1700 blocks of Ben Franklin Pkwy
 Not SOV Capacity Streetscape
 Adding Subcorr(s): 3a Philadelphia City

Let Date: -

This project will include streetscape improvements such as new granite curbs, exposed concrete paving with brick edging, new benches, trash receptacles and plantings along the 1600 and 1700 blocks of the Benjamin Franklin Parkway between Love Park and Logan Square. The project will be managed by the Fairmount Park Commission.

\$2 million - Statewide Discretionary funds
 \$1.25 - DVRPC Regional TIP funds

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STP	1,250				
CON	TOLL					
CON	STP	2,000				
CON	LOCAL	500				
Fiscal Year Total		3,750	0	0	0	0
		Total FY 09-12			3,750	

MPMS# 85059 **Shakespeare Park at 19th/20th/Vine/Parkway**
 AQ Code X9 19th, 20th, and Vine Sts, Ben Frank Pky
 Not SOV Capacity Streetscape
 Adding Subcorr(s): 3a Philadelphia City

This project includes the renovation of the existing park area in front of the Free Library of Philadelphia between Vine Street and the Benjamin Franklin Parkway, and 19th and 20th Streets and will include new plantings, paving, benches, and other landscape and pedestrian amenities. This project will be managed by the Center City District.

Project will advance concurrently with MPMS# 80054, Vine Street Expressway Bridges.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STU				500	
CON	TOLL					
CON	LOCAL					1,300
Fiscal Year Total		0	0	0	500	1,300
		Total FY 09-12			500	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Philadelphia

MPMS# 86031 *Philadelphia ADA Ramps - Phase 2*
 AQ Code A2 Philadelphia
 Not SOV Capacity Bicycle/Pedestrian Improvement
 Adding Subcorr(s):

Let Date: 4/16/2009

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

SR 1008 - Levick Street
 From New State Road (SR 73) to Frankford Avenue (SR 13/SR 2007)
 From Roosevelt Boulevard (SR 1) to Rising Sun (SR 1001)

SR 1024 - Robbins Street, Keystone Street
 From Frankford Avenue (SR 13/SR 2007) to Levick Street (SR 1008/SR 8049)

SR 13 - Levick Street
 From Roosevelt Boulevard (SR 1) to Frankford Avenue (SR 2007)

SR 13 - Robbins Street
 From Roosevelt Boulevard (SR 1) to Frankford Avenue (SR 2007)

SR 1014
 Rhawn Street
 From Oxford Avenue (SR 232) to Frankford Avenue (SR 13)

SR 73 Cottman Avenue
 From Oxford Avenue (SR 232)/Rising Sun (SR 1001) to State Road (SR 1007)

SR 73 Torresdale Avenue
 From Cottman Avenue to Princeton Avenue

SR 73 Princeton Avenue
 From Torresdale Avenue to State Road

SR 73 State Road
 From Princeton Avenue/Cottman Avenue to Elbridge Avenue

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	ECON-R	2,400				
Fiscal Year Total		2,400	0	0	0	0
		Total FY 09-12		2,400		

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Philadelphia

MPMS# 86492 **Center City Resurfacing 3R #105**

AQ Code s10 Philadelphia
 Not SOV Capacity Roadway Rehabilitation
 Adding Subcorr(s): Philadelphia City

Let Date: -

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

Project will take place in the South East Quadrant of Center City of Philadelphia limited By Market Street on North, Front Street on East, Broad St on West and South Street on South

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	ECON-R	3,000				
CON	STU	1,342				
CON	LOCAL	329				
CON	STP		1,440			
CON	ECON-R		674			
CON	LOCAL		360			
Fiscal Year Total		4,671	2,474	0	0	0
			Total FY 09-12		7,145	

MPMS# 87101 **10th & Berks Street (PCTI)**
 AQ Code A2 10th and Berks Street
 Bicycle/Pedestrian Improvement
 Philadelphia City

Temple University Station Access Enhancements - This project will reconstruct sidewalks and provide pedestrian enhancements and lighting along 10th and Berks Streets past the Temple Regional Rail station to the corner of Germantown Avenue. Improvements include reconstructed sidewalks and curb ramps, the planting of street trees, and the installation of pedestrian oriented lighting along a six block (1,950 feet) portion of Berks Street on which the regional rail station fronts. By enhancing Berks Street as a high quality pedestrian corridor, the City hopes to facilitate redevelopment and restoration activities in the neighboring blocks.

This project was awarded \$2,480,000 in Pennsylvania Community Transportation Initiative (PCTI) funding in May of 2009.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STP	1,240				
CON	TOLL					
CON	STP		1,240			
CON	TOLL					
Fiscal Year Total		1,240	1,240	0	0	0
			Total FY 09-12		2,480	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Philadelphia

MPMS# 87106 **Vine St, 9th and 11th, Pedestrian Improv (PCTI)**
 AQ Code A2 Vine Street from 9th to 11th Streets
 Bicycle/Pedestrian Improvement
 Philadelphia City

Chinatown Streetscape Improvements - This project will improve pedestrian safety and provide traffic calming in the Chinatown neighborhood in the vicinity of 9th and 10th Streets near Vine and Callowhill Streets. The project will provide for the redesign of the intersections of 9th and Vine Street, and 9th and Callowhill Street in order to encourage slower vehicular speeds along 9th street. Improvements will also include new sidewalks, curb cuts, lighting, and landscaping in the vicinity of these intersections.

This project was awarded \$1,735,422 in Pennsylvania Community Transportation Initiative (PCTI) funding in May of 2009.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	TOLL					
CON	STP	870				
CON	STP		865			
CON	TOLL					
Fiscal Year Total		870	865	0	0	0
		Total FY 09-12			1,735	

MPMS# 87107 **School District of Philadelphia Improvement (SRTS)**
 AQ Code A2 Bicycle/Pedestrian Improvement
 Philadelphia City

Let Date: -

This project will improve walking routes in the 37 District K-8 schools to increase safety for students who walk or bike to school.

The sidewalks on the streets bordering the targeted schools are in varying states of disrepair, presenting a danger to students walking or riding their bicycles to school. The defects include cracked and broken concrete, sink holes, and raised concrete blocks which make the sidewalks uneven. This project will repair the sidewalks by removing cracked, raised, and broken concrete blocks and filling the spaces with new concrete in order to create a smooth, even, hard surface safe for walking and bike riding. Bike racks will also be installed in convenient locations within school boundaries for students who want to ride their bicycles to school.

This project was awarded \$1,000,439 in Safe Routes to School (SRTS) funding in May of 2009.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	SRTS	1,000				
Fiscal Year Total		1,000	0	0	0	0
		Total FY 09-12			1,000	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Philadelphia

MPMS# 87124 *Sister Cities Plaza, Phase 1*

AQ Code X

Streetscape
Philadelphia City

Let Date: -

The Center City District plans to renovate Sister Cities Park, a 1.25 acre park located between 18th Street, Benjamin Franklin Parkway and Vine Street. Funds will provide for construction of Sister Cities Plaza streetscape improvements at Logan Square. Enhancements will be in accordance with the City's design guidelines for the Benjamin Franklin Parkway and will include new granite curbs, exposed concrete paving with brick edging, walkways, new trees and plantings, benches, lighting, and a water feature.

\$450,000 Local Match will be provided by DCED.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STU	1,250				
CON	TOLL					
CON	LOCAL	450				
Fiscal Year Total		1,700	0	0	0	0
			Total FY 09-12		1,700	

MPMS# 87137 *5th and Market Street Transportation Improvements*

AQ Code A2

5th and Market Street
Streetscape
Philadelphia City

This project will include streetscape improvements of the Market Frankford subway on the southeast corner of 5th and Market Streets which experiences some of the highest pedestrian traffic in Philadelphia. These renovations will maximize capacity for ridership and improve passenger safety.

This project is sponsored by National Museum of Jewish American History. SEPTA will be the grantee.

FHWA 2009 Appropriations Earmark (PA ID# 725) -\$475,000

Earmark will be flexed to transit

Grant# - PA-90-X696-00

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	DEMO	475				
CON	LOCAL	119				
Fiscal Year Total		594	0	0	0	0
			Total FY 09-12		594	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Philadelphia

MPMS# 87937 **Avenue of the Arts Revitalization & Stscape (TCSP)**
 AQ Code X City Hall to Glenwood Avenue
 Streetscape
 Philadelphia City

This project will provide for lighting and trees will be coupled with City dollars and put toward a \$50M multi-phased streetscape enhancement project that will run along 3.8 miles of North Broad Street from the north side of City Hall to Glenwood Avenue, in Philadelphia. This improvement effort will bring together the several neighborhoods that touch on North Broad and bring uniformity to the corridor as it continues to grow. The full project includes 64 lighting masts in the Broad Street median, 480 new trees on both the east and west sides of the street as well as new lighting on each of the 40 east/west cross streets from 13th to 15th Street. With this TCSP funding allocation, Phase I of this project, which will include a portion of the lights on North Broad and all of the trees, is secured.

Currently, this project is programmed with
 \$445,000 TCSP Funds - awarded in 2009
 \$5 million Economic Development Funds
 \$4.1 million contribution from the City of Philadelphia

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	TCS		445			
CON	ECON		2,500			
CON	LOCAL		111			
CON	LOCAL		2,050			
CON	ECON			2,500		
CON	LOCAL			2,050		
Fiscal Year Total		0	5,106	4,550	0	0
			Total FY 09-12		9,656	

Total for Philadelphia	160,004	152,975	147,085	122,276	85,294
		Total FY 09-12		582,340	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Various

MPMS# 17891 *TransitChek Mass Marketing Efforts*

AQ Code X2
 Not SOV Capacity Other
 Adding Subcorr(s): Various

This project will fund marketing materials and broad-based promotions, such as mass-market media efforts, a holiday gift certificate program, employee incentives for program implementation by their employer, and a direct mail effort to businesses, in order to increase TransitChek sales.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PRA	CAQ	160				
PRA	LOC	40				
PRA	CAQ		160			
PRA	LOC		40			
PRA	CAQ			160		
PRA	LOC			40		
PRA	CAQ				160	
PRA	LOC				40	
Fiscal Year Total		200	200	200	200	0
		Total FY 09-12				
					800	

MPMS# 17900 *Mobility Alternatives Program (MAP)*

AQ Code A1 and Share a Ride Program (SAR)
 Not SOV Capacity Other
 Adding Subcorr(s): Various

These congestion mitigation efforts cover administration, business outreach efforts by contracted agencies, and the marketing of both programs. MAP is geared to employers, while SAR is now available to employees, too.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PRA	CAQ	654				
PRA	581	54				
PRA	LOC	109				
PRA	CAQ		654			
PRA	581		54			
PRA	LOC		109			
PRA	CAQ			654		
PRA	581			54		
PRA	LOC			109		
PRA	CAQ				654	
PRA	581				54	
PRA	LOC				109	
Fiscal Year Total		817	817	817	817	0
		Total FY 09-12				
					3,268	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Various

MPMS# 17928 *Ozone Action Program*
 AQ Code X2 Contract Services
 Not SOV Capacity Other
 Adding Subcorr(s): Various

This project will fund forecasting services by the University of Maryland, faxing services, a random telephone survey at the conclusion of the season to determine the penetration of the message, the kickoff event and the printing of promotional literature, and the development and placement of broadcast and print advertising.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PRA	CAQ	106				
PRA	581	19				
PRA	LOC	8				
PRA	CAQ		100			
PRA	581		20			
PRA	LOC		6			
PRA	CAQ			100		
PRA	581			20		
PRA	LOC			6		
PRA	CAQ				120	
PRA	581				23	
PRA	LOC				8	
Fiscal Year Total		133	126	126	151	0
			Total FY 09-12		536	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Various

MPMS# 36927 **Railroad/Highway Grade Crossings**
 AQ Code S1 Regionwide Improvements
 Not SOV Capacity Other
 Adding Subcorr(s): Various

Railroad/highway grade crossing improvements typically involve the installation or upgrading of warning devices such as signals or gates or the installation of rubberized strips adjacent to and between the railroad tracks.

HSIP Safety Funding for this project has been drawn from MPMS #57927 and uses TOLL CREDIT Match.

Potential locations:

- #36723 - East Thompson Road/Delaware - \$200,000 - COMPLETED
- #36724 - Pine Ridge Road/Delaware - \$200,000 - COMPLETED
- #48860 - Widell Road/Delaware - \$310,000 - COMPLETED
- #62125 - Street Road/Bucks - \$175,000
- #62356 - Street Road/Bucks - \$175,000
- #75609 - Bristol Road/Bucks - \$135,000
- #76934 - Forrestville/Elkview Road/Chester - \$150,000 needed to process conversion in FY09
- #76935 - Chrome Road/Chester - \$300,000
- #61815 - Marshall Road/Delaware - \$600,000
- #61861 - Berkley Avenue/Delaware - \$600,000
- #62124 - Penn Street/Delaware - \$600,000
- #36627 - Broad Street/Delaware - \$300,000
- #36699 - Broadway Avenue/Delaware - \$600,000
- #79433 - First Avenue/Delaware - \$300,000 (\$266,000 RRS in FY09 needed to process conversion)
- #75610 - Post Road/Delaware - \$450,000
- #75786 - Turner Road/Delaware
- #75787 - Warminster Road/Delaware
- #48414 - Allentown Road/Montgomery - \$520,000 HSIP/\$130,000 State
- #74168 - Cowpath Road/Montgomery
- #74544 - Church Road/Montgomery - \$100,000 - funds to process conversion

This project may be suitable for ITS treatments.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	RRX	1,031				
CON	RRX		92			
CON	RRX			925		
CON	HSIP			3,400		
CON	RRX				1,160	
CON	HSIP				3,000	
Fiscal Year Total		1,031	92	4,325	4,160	0
				Total FY 09-12	9,608	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Various

MPMS# 48197 **CSX Trenton Line**
 AQ Code M9 Park Junction to Delaware River
 Not SOV Capacity Other
 Adding Subcorr(s): 4A, Various
 4B, 5G, 5H, 5I, 12A,
 14A

Let Date: -

This project covers the CSX Trenton line, from Park Junction to the Delaware River at Yardley, via West Falls, Newtown Junction, and Woodbourne. Through the Philadelphia region, this rail line does not have adequate vertical clearances to accommodate doublestack intermodal cars or tri-level auto racks, preventing full rail utilization for north-south freight moves and causing bottlenecks for area shippers and port facilities.

At approximately 21 locations, raise overhead highway bridges, lower existing tracks, and/or adjust overhead catenary to provide a continuous vertical clearance of 20 feet and 2 inches.

FY09 PE funds account for Accrued Unbilled Costs

This project is integral to the Delaware Valley Freight Corridors initiative.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PE	DEMO	2,517				
PE	LOCAL	629				
CON	CAQ			2,500		
CON	CAQ				2,500	
Fiscal Year Total		3,146	0	2,500	2,500	0
			Total FY 09-12		8,146	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Various

MPMS# 48199 *Transportation Management Associations*

AQ Code A1

Not SOV Capacity Other

Adding Subcorr(s): Various

The Pennsylvania portion of the region has formed a number of Transportation Management Associations (TMA) that help the region address demand for the region's transportation system. By assisting with the formation of car and van pools, working with employers to initiate ridesharing programs for their employees, seeking corporate sponsorship of subscription bus services, etc., the TMAs help to lower the need for new highway capacity.

This project may be suitable for ITS treatments.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PRA	CAQ	922				
PRA	LOC	230				
PRA	CAQ		922			
PRA	LOC		230			
PRA	CAQ			922		
PRA	LOC			230		
PRA	CAQ				922	
PRA	LOC				230	
Fiscal Year Total		1,152	1,152	1,152	1,152	0
				Total FY 09-12	4,608	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Various

MPMS# 48201 **DVRPC Competitive CMAQ Program**
 AQ Code X2 SAFETEA LU
 Not SOV Capacity Other
 Adding Subcorr(s): Various

The Congestion Mitigation and Air Quality Improvement Program (CMAQ) was established by ISTEA and continued under TEA-21 and SAFETEA-LU. CMAQ funds are allocated to the states for use in non-attainment and maintenance areas for projects that contribute to the attainment of the Clean Air Act standards by reducing emissions from highway sources.

Types of projects that are eligible for CMAQ funding include bicycle and pedestrian facilities; traffic flow improvements; ridesharing and other demand management programs; alternative fuel vehicles; and public transit improvements. Based on their emissions reduction potential, as well as other criteria such as cost-effectiveness, ease of implementation, project readiness, and sponsor commitment to provide matching funds.

During a round of the DVRPC Competitive CMAQ Program, a call for projects goes out, applications are submitted, and candidate projects are ranked and selected by the DVRPC Board.

This project contains ITS elements.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	CAQ			4,000		
CON	LOC			1,000		
CON	CAQ				4,000	
CON	LOC				1,000	
Fiscal Year Total		0	0	5,000	5,000	0
		Total FY 09-12		10,000		

MPMS# 48202 **Regional GIS Support**
 AQ Code X2 Pennsylvania Subregion
 Not SOV Capacity Other
 Adding Subcorr(s): Various

Geographic Information Systems (GIS) combine computer based mapping and database technologies to provide planners and engineers with new and efficient methods to analyze data related to the transportation system. The counties and operators in the region are each developing such systems. This line item will provide funding for the common elements of such systems as part of an effort to achieve a greater degree of regional consistency and obtain economies of scale.

Internet mapping task work is included.

TOLL CREDIT

This project may be suitable for ITS treatments.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PE	STU	350				
PE	STP		350			
Fiscal Year Total		350	350	0	0	0
		Total FY 09-12		700		

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Various

MPMS# 48203 *Aerial Photography*
 AQ Code X1 Districtwide
 Other

FY10 UPWP Project

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
STUDY	STU	456				
Fiscal Year Total		456	0	0	0	0
			Total FY 09-12		456	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Various

MPMS# 57927 **Regional Safety Initiatives (HSIP)**
 AQ Code S2 Various locations regionwide
 Not SOV Capacity Other
 Adding Subcorr(s): Various

PENNDOT will undertake various hazard elimination treatments at locations across the five county region. This project is 100% federally funded as allowed by the use of Toll Credits for match.

Funding has been drawn from this line item for MPMS #'s 14613, 15438(Let), 36927, 48418, 57625, and 69915.

Remaining funds will be used to advance the following projects to be drawn down at the appropriate time, and to fund selected improvements identified through Regional Safety Audits.

Projects selected to receive HSIP funding for the FY10 Regional Safety Program :

- 85415 - Olney Avenue Safety Imp. - \$3.6 million/\$300,000 for PE in FY09
- 85417 - Allegheny Avenue Safety Imp. - \$3.3 million/\$300,000 for PE in FY09 (ADA ramps under separate contract - \$465,000)
- 85419 - Erie Avenue Safety Imp. - \$3.1 million/\$300,000 for PE in FY09
- 85949 - PA 896 Safety Imp. - \$3.5 million/\$300,000 for PE in FY09
- 2009 - \$1,200,000 (PE)
- 2010 - \$1,850,000 (CON/ADA)
- 2011 - \$3,653,000 (CON)
- 2012 - \$7,737,000 (CON)

Projects selected to receive HSIP funding for the FY07 Regional Safety Program :

- 80103 - US 1 Roosevelt Expressway Extn. - \$4.4 million (this project was obligated in July, 2008)
- 80104 - Henry Ave. Corridor Safety Imp. - \$1 million
- 80042 - PA 100 Corridor Safety Imp. - \$1.5 million

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	HSIP	342				
CON	HSIP	1,200				
CON	HSIP		1,850			
CON	HSIP		2,582			
CON	HSIP			3,653		
CON	HSIP				342	
CON	HSIP				7,737	
Fiscal Year Total		1,542	4,432	3,653	8,079	0
			Total FY 09-12		17,706	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Various

MPMS# 62568 *State Bridge Design Manager*
 AQ Code X2
 Not SOV Capacity Other
 Adding Subcorr(s): Various

Funding will be used for consultant services to oversee the local Bridge Bill Program. Consultant services will include review and approval of Type, Size, and Location (TS&L) submissions, foundation and final structure plans, and other similar activities to assist the District Bridge Unit for state bridges.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PE	BOO		329			
PE	185		82			
PE	BOO			656		
PE	185			164		
PE	BOO				680	
PE	185				170	
PE	BOO					517
PE	185					129
Fiscal Year Total		0	411	820	850	646
			Total FY 09-12		2,081	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Various

MPMS# 64652 *Trans. & Community Development Initiative-TCDI*
 AQ Code X3 Projects to be Selected
 Not SOV Capacity Other
 Adding Subcorr(s): Various

The Transportation and Community Development Initiative (TCDI) provides a mechanism for the individual municipalities of the Delaware Valley to undertake locally-directed actions to improve their communities, which in turn implements their local and county comprehensive plans and supports the goals and vision of the regional plan. Pennsylvania and New Jersey, as well as a number of counties within the region, have programs now underway to support community revitalization.

The regional Transportation and Community Development Initiative seeks to support and leverage those programs, by providing funding of up to \$100,000 in selected municipalities to undertake planning, analysis or design initiatives for projects or programs which enhance development or redevelopment and improve the efficiency or enhance the regional transportation system. A 20% cash or in-kind match is required.

The program is targeted to the core cities, inner-ring suburbs, and older boroughs of the region that have lost jobs and population and are in need of assistance to generate growth and redevelopment. Identified census tract areas in 75 southeastern Pennsylvania municipalities as well as much of the city of Philadelphia, are eligible to apply for TCDI funding. Projects will be selected on a competitive basis and designated by the DVRPC Board.

FY09 Funds are programmed for projects selected as part of Round 6 during the FY2010 DVRPC UPWP, selection expected to occur during calendar year 2009/2010. \$620,000 STU/\$155,000 local match has made available for this 2-year funding cycle, and programming is set to accommodate the program operating on an every other year cycle for a call for projects.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PE	STU	620				
PE	LOC	155				
PE	STP			2,000		
PE	LOC			500		
Fiscal Year Total		775	0	2,500	0	0
				Total FY 09-12	3,275	

Pennsylvania - Highway Program

Various

MPMS# 64984 *Highway Transportation Enhancements*

AQ Code X12

Not SOV Capacity Bicycle/Pedestrian Improvement

Adding Subcorr(s): Various

This line item sets aside the funding allocated by PENNDOT for the federal Transportation Enhancements and state Home Town Streets/Safe Routes to School Programs in the DVRPC region.

The TE Program funds "non-traditional" projects that enhance the transportation experience, mitigate the impacts of transportation facilities on communities and the environment, and enhance community character through transportation-related improvements. Federal law requires states to set aside 10% of their federal Surface Transportation Program funds to the TE Program, and the state Home Town Streets/Safe Routes to School Program funding is distributed through the TE program formula. The Safe Routes to School program is designed to work with both school districts and pedestrian and bicycle safety advocates to make physical improvements that promote safe walking and biking passages to schools. The Home Town Street program provides for streetscape improvements to help revitalize defined "downtown" and commercial centers.

Projects are recommended for funding at the end of the competitive round of the TE/HTS/SRS Program, and the date of the Round/Program Year corresponds accordingly. Selected projects are assigned an individual MPMS project number and description in the TIP, and funding will be drawn down from this line item and programmed at the appropriate time.

Specific projects that have drawn down from this line in the 2009 TIP include MPMS #'s:

50523, 61709, 72793, 72996, 77453, 77454, 73137, 72974, 71193, 77471, 77470, 71203, 77465, 14663

2004 Round/Program - 71207, 71195, 71206, 71200, 71202, 71209, 71203, 71211, 71213, 71201, 71193, 71198, 71204, 71159, 71197, 71196, 61703, 71205, 71183, 71210, 61685.

2005 Round/Program - Regional: 72906, 72974, 72907, 72908, 72977, 72996, 72913, 72999, 73011, 72978, 72911, 72991, 72992, 72912, 73138. Discretionary: 72910, 72909, 73012, 73134, 73135, 73136, 73137, 72994.

2006 Round/Program - Regional: 77448, 77449, 77450, 77451, 77452, 77453, 77455, 77456, 77457, 77458, 77459, 77460, 77461, 77462, 77463, 77464, 77465, 77466, 77468, 77469, 77470, 77471, 77472, 77473, 77474, 77475. Discretionary: 77476, 77477, 77478, 77479, 77485, 77540.

Also see MPMS #60619, funds for SEPTA's TE projects.

2009 Round/SRTS Projects:

Chalfont Borough Pedestrian Facilities SRTS (MPMS #87088), Bucks County- \$719,734

Funding will be used to install crosswalks, curbing, and sidewalks along Route 202, spanning two municipalities and benefitting one elementary school and one middle school.

Nether Providence Township SRTS (MPMS #87119), Delaware County - \$304,500

Funding will be used to install sidewalk and curbing along the north side of Wallingford Avenue, which will create a safer route to Wallingford Elementary School.

Swarthmore Borough SRTS (MPMS #87109), Delaware County- \$662,270 Funding will be used for safety and accessibility upgrades to the Princeton Avenue underpass, the main pedestrian link between the southern portion of the borough and the local elementary school.

Upper Darby SRTS (MPMS #87120), Delaware County - \$242,893

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

Pottstown Borough SRTS (MPMS #87097), Montgomery County- \$224,649

Funding will be used for sidewalk rehabilitation, updated and new signage, and pavement markings.

Upper Gwynedd Township SRTS (MPMS #87099), Montgomery County- \$1,069,977

Funding will be used to install curbing, sidewalk and traffic calming measures within a half mile radius of the St. Rose of Lima and North Wales Elementary Schools on West Prospect, Washington, Second, Swarley, Summit, Pennsylvania, Fairfield, Highland and Main Streets.

School District of Philadelphia SRTS (MPMS #87107), Philadelphia- \$1,000,439

Funding will be used to improve walking routes in the 37 District K-8 schools to increase safety for students who walk or bike to school.

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Various

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STE					
CON	LOC	1,402				
CON	STE					
CON	LOC		739			
CON	STE			1,615		
CON	LOC			836		
CON	STE				5,257	
CON	LOC				1,584	
Fiscal Year Total		1,402	739	2,451	6,841	0
			Total FY 09-12		11,433	

MPMS# 65109 **Transit Flex - SEPTA**
 AQ Code M10
 Not SOV Capacity Transit Improvements
 Adding Subcorr(s): Various

This project is a placeholder of the highway funds that PennDOT has "flexed" for transit use in the DVRPC region as part of the Planning Partner Financial Guidance. SEPTA may choose to use these funds to supplement its other federal and state funding for any capital project.

Each year SEPTA will apply these "flexed" funds to one of its other projects in the TIP, but may choose to apply them to a new project through the TIP amendment process.

FY08, FY09, FY10 funding in the amount of \$64,062,000 has been applied to MPMS# 60286 SEPTA Bus Purchase Program for the purchase of hybrid diesel buses in FY08, FY09, and FY10.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PE	CAQ	17,083				
PE	LOC	641				
PE	CAQ		17,083			
PE	LOC		641			
PE	CAQ			17,083		
PE	LOC			641		
PE	CAQ				17,083	
PE	LOC				641	
Fiscal Year Total		17,724	17,724	17,724	17,724	0
			Total FY 09-12		70,896	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Various

MPMS# 66460 *TE Project Engineering / Management*
 AQ Code X12 DVRPC
 Not SOV Capacity Other
 Adding Subcorr(s): Various

Assist PennDOT by providing engineering and project management responsibilities in the implementation of non-traditional TE funded transportation projects. This will involve review of engineering plans and documents, facilitation and coordination among the project applicants, consultants, PennDOT District staff, PennDOT Central Staff, and FHWA.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PE	STE	224				
PE	CMAQ	104				
PE	581	82				
CON	TOLL					
CON	STU	15				
PE	STE		213			
PE	STU		104			
PE	581		56			
PE	581		26			
PE	STE			224		
PE	581			56		
PE	STE				224	
PE	581				56	
Fiscal Year Total		425	399	280	280	0
			Total FY 09-12		1,384	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Various

MPMS# 66461 CMAQ Project Engineering / Management

AQ Code X5 DVRPC
 Not SOV Capacity Other
 Adding Subcorr(s): Various

Assist PennDOT by providing engineering and project management responsibilities in the implementation of non-traditional CMAQ funded transportation projects. This will involve review of engineering plans and documents, facilitation and coordination among the project applicants, consultants, PennDOT District staff, PennDOT Central Staff, and FHWA.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PE	CMAQ	98				
PE	581	25				
PE	CMAQ		88			
PE	581		22			
PE	CMAQ			100		
PE	581			25		
PE	CMAQ				100	
PE	581				25	
Fiscal Year Total		123	110	125	125	0
		Total FY 09-12			483	

MPMS# 67762 I-76 Pre-Cast Bridge Parapets

AQ Code X5 Philadelphia and Montgomery County
 Not SOV Capacity Other
 Adding Subcorr(s): 3B, 3C Various

Let Date: 9/13/2007

Re-design of 27 structures on I-76 in Philadelphia and Montgomery County, required to address safety issue of pre-cast concrete bridge parapets.
 This project is integral to the Delaware Valley Freight Corridors Initiative.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	NHS	728				
CON	STP	2,175				
CON	TOLL					
CON	NHS		194			
Fiscal Year Total		2,903	194	0	0	0
		Total FY 09-12			3,097	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Various

MPMS# 69801 **Expressway Service Patrol**
 AQ Code S7 I-476, US 202, US 422, I-95
 Not SOV Capacity Signal/ITS Improvements
 Adding Subcorr(s): 2A, Various
 2B, 2C, 2D, 8A, 8B,
 8C, 8F, 8G, 8H, 9A,
 9B, 14C

Let Date: 3/6/2006

This program will provide for the operation of emergency service patrols on congested state highways to detect and clear incidents rapidly by providing emergency assistance to stranded motorists. Approximately half of all delays experienced by highway users in congested areas are caused by traffic accidents, vehicle breakdowns, and other incidents. Prompt incident management programs can reduce this delay significantly. Service will be provided on 80 linear miles including: I-76 from Philadelphia to the PA Turnpike; I-95 from the New Jersey State Line to the Delaware State line; I-676 in Philadelphia; I-476 from I-95 to the PA Turnpike; US Route 202 from I-76 to US 30; and US Route 422 from Route 202 to Royersford.

Project may be broken into separate MPMS#'s (88616 and 91490).

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	CAQ*	627				
CON	TOLL					
CON	STP		3,993			
CON	TOLL					
CON	STP			3,630		
Fiscal Year Total		627	3,993	3,630	0	0
		Total FY 09-12			8,250	

MPMS# 69804 **Traffic Control Center Expansion (ITS)**

AQ Code S7 Traffic Control Center
 Not SOV Capacity Signal/ITS Improvements
 Adding Subcorr(s): Various
 2030 LRP ID: 87

Funds Account for Accrued Unbilled Costs

This program will provide for expansion of operational staffing and communication costs for the PENNDOT District 6 traffic operations center. Traffic management techniques include construction traffic mitigation; highway advisory radio; traffic surveillance, and motorist information systems. The system will be expanded from a 16 hour/ Monday through Friday operation to a 24 hour/7 days a week, 2 year pilot operation.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	CMAQ	120				
CON	576	30				
Fiscal Year Total		150	0	0	0	0
		Total FY 09-12			150	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Various

MPMS# 72738 **Intelligent Trans. Systems (ITS) Including RIMIS**

AQ Code S7
 Not SOV Capacity Signal/ITS Improvements
 Adding Subcorr(s): Various
 2030 LRP ID: 85

DVRPC's Intelligent Transportation System (ITS) program encompasses a wide range of activities including the ITS Technical Task Force, incident management programs, ITS architecture development, training programs for ITS operators and emergency response personnel, and technical assistance to agencies. Its centerpiece is the Regional Integrated Multi-modal Information Sharing (RIMIS) concept which will implement an Information Exchange Network (IEN) that will function as the communications backbone among operation centers throughout the region. This system would be used to notify agencies about incidents or unusual conditions which affect them, and will allow them to share resources (e.g., variable message signs) and coordinate a unified response. Information will be made available to the public via traffic reporting agencies.

This project is integral to the Delaware Valley Freight Corridors initiative.

This project contains ITS elements.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PRA	CAQ	702				
PRA	581	175				
PRA	CAQ		590			
PRA	581		147			
PRA	CAQ			850		
PRA	581			212		
PRA	CAQ				885	
PRA	581				221	
Fiscal Year Total		877	737	1,062	1,106	0
				Total FY 09-12	3,782	

MPMS# 72837 **Traffic Control Center and ITS System Maintenance**

AQ Code S7
 Not SOV Capacity Signal/ITS Improvements
 Adding Subcorr(s): Various
 2030 LRP ID: 87

Let Date: 11/9/2006

This program will provide for maintenance of equipment for the PENNDOT District 6 traffic operations center. Included would be responses maintenance/equipment upgrades and emergency repairs. Traffic management techniques include construction traffic mitigation; highway advisory radio; traffic surveillance, and motorist information systems. Service area includes I-76, US 202, I-95, US 422, PA 309, PA 100, and I-476. See MPMS #69804 for operations staff programming.

This project contains ITS elements.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	576	702				
Fiscal Year Total		702	0	0	0	0
				Total FY 09-12	702	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Various

MPMS# 73986 *Phila. Unemployment Project (PUP) Van Pool (JARC)*
 AQ Code NRS Job Access and Reverse Commute
 Transit Improvements
 Various

As part of the Job Access and Reverse Commute (JARC) program, this project is intended to support transportation services to connect welfare recipients and other transit dependents to jobs and related employment activities. The Philadelphia Unemployment Project (PUP) will purchase capital equipment to provide van pool service for city residents to suburban jobs. Collaboration with a local car sharing operation will allow PUP to obtain maintenance services in exchange for Philly CarShare's use of the vehicles during non-commuting hours.

TCSP Funds - \$902,580 (will be flexed to FTA)

This project accounts for the FHWA funds
 See MPMS# 84665 (FTA funds)

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	TOLL					
CON	TCS	902				
Fiscal Year Total		902	0	0	0	0
		Total FY 09-12				
					902	

MPMS# 75854 *District Program Management Services "A"*
 AQ Code X12
 Not SOV Capacity Other
 Adding Subcorr(s): Various

This project provides funds for selected consultants to provide Project Management Services and handling all tasks to advance PennDOT transportation projects from inception to a bid letting. Tasks include guidance in project development; preparation and monitoring of schedules and costs; review and/or coordination of design submissions, right of way plans, design drawings, specifications and estimates; conduct design review meetings, constructability reviews and plan checks; review environmental items and ensure all permits are obtained; and coordinate with stakeholders including PennDOT, environmental agencies, municipal officials or authorities, utility companies, and the general public.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PE	581	1,062				
PE	581		1,856			
Fiscal Year Total		1,062	1,856	0	0	0
		Total FY 09-12				
					2,918	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Various

MPMS# 75855 *District Program Management Services "B" & "C"*

AQ Code X12

Not SOV Capacity Other

Adding Subcorr(s): Various

This project provides funds for selected consultants to provide Project Management Services and handling all tasks to advance PennDOT transportation projects from inception to a bid letting. Tasks include guidance in project development; preparation and monitoring of schedules and costs; review and/or coordination of design submissions, right of way plans, design drawings, specifications and estimates; conduct design review meetings, constructability reviews and plan checks; review environmental items and ensure all permits are obtained; and coordinate with stakeholders including PennDOT, environmental agencies, municipal officials or authorities, utility companies, and the general public.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PRA	581	2,085				
PRA	581		3,254			
Fiscal Year Total		2,085	3,254	0	0	0
		Total FY 09-12				5,339

MPMS# 76175 *District Financial Constraint Bank*

AQ Code X2

Not SOV Capacity Other

Adding Subcorr(s): Various

Accrued Unbilled Costs

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PE	CAQ	500				
PE	CMAQ	1,086				
PE	581	247				
PE	CAQ		225			
PE	CAQ			1,125		
PE	581			536		
PE	CAQ				9,177	
PE	STU				10	
PE	185				302	
PE	581				854	
Fiscal Year Total		1,833	225	1,661	10,343	0
		Total FY 09-12				14,062

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Various

MPMS# 79927 Highway Reserve District-Wide Line Item

AQ Code X District-wide
 Not SOV Capacity Other
 Adding Subcorr(s): Various

Highway Reserve District-Wide Line Item

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	581		1,605			
CON	STP			1,679		
CON	581			2,601		
Fiscal Year Total		0	1,605	4,280	0	0
		Total FY 09-12			5,885	

MPMS# 79929 Bridge Reserve Line Item

AQ Code S19 District Wide
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): Various

Bridge Reserve Line Item
 Districtwide

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	BOF	160				
CON	185	2,512				
CON	BOO		185			
CON	185		1,190			
CON	183		485			
CON	BND		439			
CON	185		827			
CON	BOO			80		
CON	185			752		
CON	183			157		
CON	185				14,542	
CON	183				65	
CON	BOO					2,079
CON	185					761
Fiscal Year Total		2,672	3,126	989	14,607	2,840
		Total FY 09-12			21,394	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Various

MPMS# 79980 **STU Reserve Line Item**
 AQ Code S10 District-wide
 Not SOV Capacity Roadway Rehabilitation
 Adding Subcorr(s): Various

STU Reserve Line Item
 Districtwide
 Hwy Reconstruct, Restoration

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	581	51				
CON	581		472			
CON	581			194		
CON	STU				360	
CON	581				2,431	
Fiscal Year Total		51	472	194	2,791	0
		Total FY 09-12			3,508	

MPMS# 80093 **I-76 Regional Travel Info**
 AQ Code S7 City of Philadelphia, L & U Merion twps
 Not SOV Capacity Signal/ITS Improvements
 Adding Subcorr(s): 3A,
 3B, 3C

Let Date: -

This project builds upon existing systems and ITS deployments to enhance traveler information on the I-76 corridor and surrounding areas.

This project contains ITS elements.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PE	CAQ	250				
PE	SXF	250				
FD	CAQ	307				
FD	SXF	307				
CON	SXF		1,043			
CON	CAQ		683			
CON	CAQ			371		
Fiscal Year Total		1,114	1,726	371	0	0
		Total FY 09-12			3,211	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Various

MPMS# 82216 **NHS Reserve Line Item**
 AQ Code X District-wide
 Other
 Various

NHS Reserve Line Item

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	581	180				
Fiscal Year Total		180	0	0	0	0
		Total FY 09-12		180		

MPMS# 82395 **ACT 44 Line Item**
 AQ Code S19 District-wide
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): Various

Act 44 was signed into law by Governor Rendell in July 2007, and is designed to address the state's transportation-funding crisis by generating additional income to help pay for the repair and maintenance of local roads and bridges and to help fund the states 73 transit agencies. The additional income will come from increased tolls on the Pennsylvania Turnpike and proposed new tolls on Interstate 80. The Act creates a 50-year partnership between PennDOT and the Pennsylvania Turnpike Commission (PTC). Under this partnership, PennDOT will lease Interstate 80 to PTC who will provide annual payments to PennDOT to fund transportation projects.

Act 44 is for the preservation and restoration of roadways and bridges, as well as for operations and maintenance of the system. Most funding must be dedicated to projects that focus on reducing the number of structurally deficient bridges and improving ride quality on roadways. Projects that improve safety and capacity management may also be included.

The DVRPC Region benefits from approximately \$80 million annually of Act 44 Funds, noted in the TIP with the funding code "916". Funds in this line item are not yet programmed on specific projects.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	916	5,365				
CON	916		67			
CON	916			10,476		
CON	916				26,187	
Fiscal Year Total		5,365	67	10,476	26,187	0
		Total FY 09-12		42,095		

Pennsylvania - Highway Program

Various

MPMS# 84059 **Traffic Incident Management**
 AQ Code S7 Broad St Intchge to Delaware State Ln
 Not SOV Capacity Signal/ITS Improvements
 Adding Subcorr(s): Various

Let Date: 6/4/2009

The project will include design of ITS devices along I-95 from the Delaware state line to Broad Street and along the I-476 corridor from I-95 to the St. David's interchange. The ITS devices will enable PennDOT to monitor I-95 and I-476, facilitate more efficient incident response and transportation management, and provide valuable information for travelers to improve the safety and efficiency of their experience on the I-95 corridor. The devices and locations scoped for this project will fit into PennDOT's overall I-95 Interstate ITS Completion Plan. The devices will be connected into PennDOT's fiber optic communications system and ultimately managed from PennDOT's Regional Transportation Management Center, located in the District 6-0 offices in King of Prussia, PA. The project also enhances PennDOT's cooperation and collaboration with regional stakeholders located in the study area, such as Delaware County, and the City of Philadelphia Streets Department, Sports Complex and Airport.

I-95, Section ITC (DelawareState Line to Girard Point Bridge)

This section of expressway spans 16 miles and consists of primarily 3 through lanes traveling in each direction. 14 interchanges, including an interstate-to-interstate interchange at Exit 7 (I-95/I-476) as well as the exit for the Philadelphia International Airport (Exit 10) are located in this section. As of 2007, the average AADT through this section was approximately 146,000 vehicles. ITS devices currently deployed include 2 north-facing DMS located north of PA-420 and north of Exit 9 respectively and 3 CCTV cameras located at the I-95/I-476 Interchange, Island Avenue, and Enterprise Avenue. In order to provide complete ITS coverage through this section, the I-95 Interstate ITS Completion Plan anticipates that additional ITS devices will be required. Five (5) DMS are envisioned, as well as 17 CCTV, 31 vehicle detectors, 16 AVI E-ZPass tag readers, and communications upgrades.

I-476 (I-95 to St. David's Interchange)

The I-476 RES project was recently awarded to a contractor for construction. As part of the I-476 RES project, several ITS devices are designed for deployment to provide full coverage along the I-476 corridor. However, the design did not include DMS signs and tag readers between I-95 and St. David's interchange. This project will design DMS signs and tag readers between I-95 and St. David's interchange, which will provide complete coverage along the I-476 corridor. 8 DMS are envisioned, as well as 13 AVI E-ZPass tag readers and communications upgrades.

Under construction

This project contains ITS elements.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	ECON-R	17,500				
Fiscal Year Total		17,500	0	0	0	0
			Total FY 09-12		17,500	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Various

MPMS# 84318 **CMAQ Reserve Line Item**
 AQ Code X District-wide
 Not SOV Capacity Other
 Adding Subcorr(s): Various

CMAQ Reserve Line Item

DVRPC Competitive CMAQ program funding in:
 FY11 (\$4,000,000 CMAQ/\$1,000,000 LOCAL)
 FY12 (\$4,000,000 CMAQ/\$1,000,000 LOCAL)

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	CMAQ		30			
CON	CMAQ			4,000		
CON	581			71		
CON	LOCAL			1,000		
CON	CMAQ				4,000	
CON	CMAQ				3,234	
CON	LOCAL				1,000	
Fiscal Year Total		0	30	5,071	8,234	0
				Total FY 09-12	13,335	

MPMS# 84457 **Signal Retiming Program**
 AQ Code X1 City of Philadelphia
 Not SOV Capacity Signal/ITS Improvements
 Adding Subcorr(s): Philadelphia City

This signal re-timing program provides for the evaluation of existing signals along an identified corridor, with the goal of improving traffic operations along said corridor through revised signal timing plans. The program will be implemented first using corridors identified in the City of Philadelphia, with the goal of expanding a successful program to other counties. The selected vendor would collect current traffic data, compare it against the functioning signal timing, and prepare and implement a revised signal timing plan on approval of the PennDOT's District 6.

This project contains ITS elements.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	CMAQ	350				
CON	CMAQ		350			
Fiscal Year Total		350	350	0	0	0
				Total FY 09-12	700	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Various

MPMS# 84821 *Bridge On Demand 2009*

AQ Code S19

Bridge Repair/Replacement

Let Date: 2/26/2009

Line item established to fund various structurally deficient bridges in the DVRPC Region.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	916	2,925				
CON	916		1,344			
CON	916			1,366		
Fiscal Year Total		2,925	1,344	1,366	0	0
		Total FY 09-12			5,635	

MPMS# 86055 *I-95 ITS Extension*

AQ Code S7

Broad Street to US 1

Not SOV Capacity

Signal/ITS Improvements

Adding Subcorr(s):

Various

Let Date: 5/21/2009

Design Build ITS installation project on 3 roadway sections: I-95 between Broad Street and Vine Street (I-676) in Philadelphia; I-676 between 23rd Street and I-95 in Philadelphia; and I-95 between Academy Road and US 1 in Bucks County. See MPMS #86285 for Phase II of the Bucks/Philadelphia ITS installation.

I-95 will receive 31 CCTV cameras, 11 dynamic message signs, and 54 travel time readers. I-676 will receive 3 dynamic message signs.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	ECON-R	28,300				
Fiscal Year Total		28,300	0	0	0	0
		Total FY 09-12			28,300	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Various

MPMS# 86074 **Schuylkill Highway Operations**

AQ Code X Districtwide
 Not SOV Capacity Other
 Adding Subcorr(s):

FY10 UPWP Project

This project contains ITS elements.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PRA	STU	590				
Fiscal Year Total		590	0	0	0	0
			Total FY 09-12		590	

MPMS# 86077 **Update Travel Simulation**

AQ Code X1 Districtwide
 Not SOV Capacity Other
 Adding Subcorr(s):

FY2010 UPWP Project

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PRA	STU	350				
PRA	STU		490			
Fiscal Year Total		350	490	0	0	0
			Total FY 09-12		840	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Various

MPMS# 86285 **ITS Phase II in Bucks and Philadelphia**
 AQ Code S7 US 1 to NJ State Line
 Not SOV Capacity Signal/ITS Improvements
 Adding Subcorr(s): Various

Let Date: 7/16/2009

Design Build ITS installation project on 3 roadway sections: I-95 between US 1 and the NJ State Line in Bucks County; US 1 between the PA Turnpike and the NJ State Line in Bucks County; and SR 63 between I-95 and US 1 in Philadelphia. This project implements Phase II of the Bucks/Philadelphia ITS project. See MPMS #86055 for the I-95 Extension phase.

I-95 will receive 5 CCTV cameras, 4 dynamic message signs, and 8 travel time readers. US 1 will receive 18 CCTV cameras, 9 dynamic message signs, and 14 travel time readers. SR63 will receive 5 CCTV cameras, 2 dynamic message signs, and 6 travel time readers.

This project contains ITS elements.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	ECON-R	28,691				
Fiscal Year Total		28,691	0	0	0	0
		Total FY 09-12			28,691	

MPMS# 86900 **Bridge On Demand 2009**

AQ Code S19
 Bridge Repair/Replacement
 Various

Let Date: 6/4/2009

Line item established to fund various structurally deficient bridges in the DVRPC Region.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	916	2,700				
CON	916		900			
CON	916			2,700		
Fiscal Year Total		2,700	900	2,700	0	0
		Total FY 09-12			6,300	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Various

MPMS# 87060 **Stone Arch Rehab, Group D**
 AQ Code S19 Various
 Bridge Repair/Replacement
 Various

Let Date: -

In response to the failure of several historic stone masonry bridges in the past several weeks, immediate action is being taken to address existing stone arch structures. This project involves the rehabilitation of the following five stone arch bridges that are structurally deficient and require immediate repair to preserve their structural integrity and enhance safety and protection of the public:

SR 0113 Souderton Pike Over Morris Run, Bucks County
 This masonry arch structure carries Souderton Pike over Unami Morris Run in Hilltown Township. The structure was built in 1902 and is 50 feet long, 24.3 feet wide. The estimated cost for rehabilitating this bridge is \$1,600,000.

SR 1003 Carver-Wismer Road Over Paunacussing Creek, Bucks County
 This arch structure carries Carver-Wismer Road over Paunacussing Creek in Solesbury Township. The structure was built in 1844 and is 45 feet long, 20.9 feet wide. The estimated cost for rehabilitating this bridge is \$1,000,000.

SR 4027 Allentown Road Over Ridge Valley Creek, Bucks County
 This arch structure carries Allentown Road over Ridge Valley Creek in Solesbury Township. The structure was built in 1908 and is 37 feet long, 19 feet wide. The estimated cost for rehabilitating this bridge is \$700,000.

SR 1023 Swamp Creek Road Over Unami Creek, Montgomery County
 The existing arch structure carries Swamp Creek Road over Unami Creek in Marlborough Township. The structure was built in 1910 and is 98 feet long, 22 feet wide. The estimated cost for rehabilitating this bridge is \$1,500,000.

SR 1030 Swamp Creek Road Over Unami Creek, Montgomery County
 The existing arch structure carries Swamp Creek Road over Unami Creek in Marlborough Township. The structure was built in 1892 and is 100 feet long, 22 feet wide. The estimated cost for rehabilitating this bridge is \$1,500,000.

The rehabilitation of these bridges will include reconstructed stone masonry parapets with reinforced concrete cores and full width moment slab, scour repair and protection, and repointing as needed. Completion of this project will remove the bridges from structurally deficient status while preserving their historic significance. The current let date is December 15, 2009.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	916		315			
CON	916		5,070			
FD	916			500		
Fiscal Year Total		0	5,385	500	0	0
			Total FY 09-12		5,885	

Pennsylvania - Highway Program

Various

MPMS# 87061 **Stone Arch Rehab, Group E**
 AQ Code S19 Various
 Bridge Repair/Replacement
 Various

Let Date: -

In response to the failure of several historic stone masonry bridges in the past several weeks, immediate action is being taken to address existing stone arch structures. This project involves the rehabilitation of the following seven stone arch bridges that are structurally deficient and require immediate repair to preserve their structural integrity and enhance safety and protection of the public. The rehabilitation of these bridges will include reconstructed stone masonry parapets with reinforced concrete cores and full width moment slab, scour repair and protection, and repointing as needed. The design work for this project will be done in-house at District 6.

SR 4015 Edge Mill Road Over Branch Beaver Creek, Chester County

The existing arch structure carries Edge Mill Road over Branch Beaver Creek in Caln Township. The structure was built in 1916 and is 74 feet long, 25 feet wide. The estimated cost for rehabilitating this bridge is \$1,500,000.

SR 4031 Lewis Mill Road Over East Branch of Brandywine Creek, Chester County

The existing arch structure carries Lewis Mill Road over East Branch of Brandywine Creek in West Nantmeal Township. The structure was built in 1903 and is 40 feet long, 15.4 feet wide. The estimated cost for rehabilitating this bridge is \$1,000,000.

SR 1034 Goshen Road Over Darby Creek, Delaware County

The first existing arch structure carries Goshen Road over Darby Creek, in Radnor Township. The structure was built in 1905 and is 84 feet long, 28.8 feet wide. The estimated cost for rehabilitating this bridge is \$1,500,000.

SR 2064 Limeclin Pike Over Rock Creek, Montgomery County

This masonry arch structure carries Limeclin Pike over Rock Creek in Cheltenham Township. The structure was built in 1841 and is 22 feet long, 27 feet wide. The estimated cost for rehabilitating this bridge is \$300,000.

SR 3003 Stenton Avenue Over Wissahickon Creek, Montgomery County

This arch structure carries Stenton Avenue over Wissahickon Creek in Whitemarsh Township. The structure was built in 1911 and is 112 feet long, 25.3 feet wide. The estimated cost for rehabilitating this bridge is \$2,000,000.

SR 3006 Whitehall Road Over Branch of Stony Creek, Montgomery County

This arch structure carries Whitehall Road over Branch of Stony Creek in East Norriton Township. The structure was built in 1911 and is 38 feet long, 35 feet wide. The estimated cost for rehabilitating this bridge is \$1,500,000.

SR 3009 Ridge Avenue Over Wissahickon Creek, Philadelphia

This arch structure carries Ridge Avenue over Wissahickon Creek in Gusle Park. The structure was built in 1888 and is 119 feet long, 64.8 feet wide. The estimated cost for rehabilitating this bridge is \$300,000.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	916	405				
CON	916	900				
CON	916		8,100			
Fiscal Year Total		1,305	8,100	0	0	0
		Total FY 09-12		9,405		

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Various

MPMS# 87098 *Pottstown/North Coventry Twps. (PCTI)*
 AQ Code A2 from River Road to High Street
 Bicycle/Pedestrian Improvement
 Various

Hanover Street Road Diet - This project will reduce the width of Hanover Street vehicle lanes in Pottstown and North Coventry Townships in Chester and Montgomery Counties in order to have room to install bike lanes, parking, and a multi-use trail from River Road to High Street. Improvements include reducing Hanover Street from 5 lanes to 4/3 lanes to install bike lanes, parallel parking, widen sidewalks and provide a multi-use trail, installation of ADA ramps and pedestrian-scale lighting from River Road in North Coventry Township, Chester County to High Street in Pottstown Borough, Montgomery County.

This project was awarded \$1,775,000 in Pennsylvania Community Transportation Initiative (PCTI) funding in May of 2009.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	STP	890				
CON	TOLL					
CON	STP		885			
CON	TOLL					
Fiscal Year Total		890	885	0	0	0
		Total FY 09-12			1,775	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Various

MPMS# 87241 *Adjacent Box Beam Rehab (Group A)*
 AQ Code S19 Various
 Bridge Repair/Replacement
 Various

This project involves the rehabilitation of four adjacent non-composite pre-stressed concrete box beam bridges that are structurally deficient and require immediate superstructure replacement to enhance safety and protection of the traveling public. The bridges included in this project are in critical, poor, or serious condition due to damaged beams, and are in urgent need of rehabilitation in a timely matter. There are currently no bike/ped facilities on any of the bridges to be rehabbed as part of this project.

The design work for this project will be done in-house at District 6, and this project is expected to be let by May 20, 2010.

(1) SR 0663 - West King Street over Manatawny Creek, Montgomery County

The bridge carries West King Street (SR 0663) over Manatawny Creek in the Borough of Pottstown in Montgomery County. The bridge is 154 feet long and has a deck area of 8,932 square feet. There is currently a pending maintenance letter proposing the bridge to be posted for 32 tons. The construction cost for rehabilitation of this bridge is \$2,233,000 Act 44.

(2) SR 1026 – Hendricks Station over Perkiomen Creek, Montgomery County

The bridge carries Hendricks Station Road (SR 1026) over Perkiomen Creek in Montgomery County. The bridge is 138 feet long and has a deck area of 4,416 square feet. The construction cost for rehabilitation of this bridge is \$1,104,000 Act 44.

(3) SR 0291 – Essington Avenue over Crum Creek, Delaware County

The bridge carries Essington Avenue (SR 0291) over Crum Creek in Delaware County. The bridge is 96 feet long and has a deck area of 6,586 square feet. The construction cost for rehabilitation of this bridge is \$1,646,000 Act 44.

(4) SR 3014 - Lafayette Avenue over Wissahickon Creek, Montgomery County

This bridge carries Lafayette Avenue over Wissahickon Creek in Montgomery County, Upper Dublin Township. The bridge is 103 feet long and has a deck area of 3,296 square feet. The construction cost for rehabilitation of this bridge is \$823,900 Act 44.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	916		150			
CON	916		2,215			
Fiscal Year Total		0	2,365	0	0	0
		Total FY 09-12				2,365

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Various

MPMS# 87243 **Adjacent Box Beam Rehab (Group B)**
 AQ Code S19 Various
 Bridge Repair/Replacement
 Various

This project involves the rehabilitation of five adjacent non-composite pre-stressed concrete box beam bridges that are structurally deficient and require immediate superstructure replacement to enhance safety and protection of the traveling public. The bridges included in this project are in critical, poor, or serious condition due to damaged beams, and are in urgent need of rehabilitation in a timely matter. These bridges are primarily located in rural areas and do not include bicycle/pedestrian facilities within the project area.

The design work for this project will be done in-house at District 6, and this project is expected to be let by June 17, 2010.

(1) SR 2006 – New Falls Road over Branch Martins Creek, Bucks County

The bridge carries New Falls Road (SR 2006) over Branch Martins Creek in falls Township, Bucks County. The bridge is 47 feet long and has a deck area of 2,021 square feet. The construction cost for rehabilitation of this bridge is \$505,200 Act 44.

(2) SR 2018 –Trenton Road over Branch Queen Anne Creek, Bucks County

The bridge carries Trenton Road (SR 2018) over Branch Queen Anne Creek in Middletown Township, Bucks County. The bridge is 47 feet long and has a deck area of 2,068 square feet. The construction cost for rehabilitation of this bridge is \$517,000 Act 44.

(3) SR 2020 – Boot Road over Amtrak, Chester County

The bridge carries Boot Road (SR 2020) over Amtrak in Chester County, in the Borough of Downingtown. The bridge is 162 feet long and has a deck area of 6,804 square feet. The construction cost for rehabilitation of this bridge is \$1,701,000 Act 44.

(4) SR 2018 - Trenton Road over Mill Creek, Bucks County

This bridge carries Trenton Road (SR 2018) over Mill Creek in Middletown Township, Bucks County. The bridge is 49 feet long and has a deck area of 2,156 square feet. The construction cost for rehabilitation of this bridge is \$539,000 Act 44.

(5) SR 2089 – Almhouse Road over Little Neshaminy Creek, Bucks County

The bridge carries Boot Road (SR 2020) over Amtrak in Chester County, in the Borough of Downingtown. The bridge is 162 feet long and has a deck area of 6,804 square feet. The construction cost for rehabilitation of this bridge is \$1,551,300 Act 44.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
FD	916		150			
CON	916		8,007			
CON	916			525		
Fiscal Year Total		0	8,157	525	0	0
			Total FY 09-12		8,682	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Various

MPMS# 88706

District SD Bridges

AQ Code S19

Bridge Repair/Replacement

Various

This project is a result of the District's ongoing inspection of all adjacent non-composite pre-stressed Concrete Box Beam bridges and the Central Office directive for development of the Bridge Program. The project includes superstructure replacement and other miscellaneous construction activities for the following nine structurally deficient bridges:

1. Rehabilitation/Replacement of SR 4013 (Main Street) over SEPTA
2. Superstructure replacement of SR 2020 (Boot Road) over Amtrak
3. Replacement of Eastbound SR 420 (Wanamaker Avenue) over Darby Creek
4. Superstructure replacement of SR 291 (Essington Avenue) over Crum Creek
5. Superstructure replacement of SR 663 (West King Street) over Manatawny Creek
6. Removal of SR 1004 (Erie Avenue) over Conrail
7. Removal of SR 2003 (5th Street) over Conrail
8. Superstructure replacement of SR 30 (Girard Avenue) over CSX
9. Rehabilitation of SR 1 (City Avenue) over SEPTA,

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PE	916		4,000			
Fiscal Year Total		0	4,000	0	0	0
		Total FY 09-12			4,000	

Pennsylvania - Highway Program

Various

MPMS# 89018 *Stone Arch Rehab, Group F*
 AQ Code S19 Various
 Bridge Repair/Replacement
 Various

In response to the failure of several historic stone masonry bridges in the past several weeks, immediate action is being taken to address existing stone arch structures. This project involves the rehabilitation of the following nine stone arch bridges in Chester and Delaware counties that are structurally deficient and require immediate repair to preserve their structural integrity and enhance safety and protection of the public:

1. SR 1028 Pughtown Road over Branch of French Creek, Chester County
 The Masonry Arch Bridge carries Pughtown Road over branch of French Creek in East Vincent Township. The bridge is 14 feet long and has a deck area of 287 square feet. Rehabilitation elements include concrete fill over barrel, moment slab with concrete core parapets, and reset spandrel wall and barrel stones.
2. SR 1036 Valley Park Road over Unnamed Tributary to the Schuylkill River, Chester County
 This bridge carries Valley Park Road over a tributary to the Schuylkill River. The bridge is 11 feet long and has a deck area of 275 square feet. Rehabilitation elements include concrete fill over barrel, moment slab with concrete core parapets, and extension of wing walls to minimize erosion.
3. SR 2026 Sugartown Road over Branch of Darby Creek, Chester County
 This bridge carries Sugartown Road over a branch of the Darby Creek. The bridge is 16 feet long and has a deck area of 352 square feet. Rehabilitation elements include concrete fill over barrel, moment slab with concrete core parapets, and rock protection and guiderail addition.
4. SR 3016 Hopewell Road over Branch of Tweed Creek, Chester County
 This bridge carries Hopewell Road over a branch of Tweed Creek. The bridge is 10 feet long and has a deck area of 245 square feet. Rehabilitation elements include concrete fill over barrel, moment slab with Type 10 barriers, and extension of wing walls to minimize erosion.
5. SR 3049 Brandywine Creek Road over Buck run and Doe Run, Chester County
 This bridge carries Brandywine Road over Buck Run and Doe Run. The bridge is 68 feet long and has a deck area of 1,272 square feet. Rehabilitation elements include concrete fill over barrel, and bituminous pavement.
6. SR 3049 Brandywine Creek Road over Buck Run and Doe Run, Chester County
 This bridge carries Brandywine Road over Buck Run and Doe Run. The bridge is 70 feet long and has a deck area of 1,470 square feet. Rehabilitation elements include sour protection, beam end repairs, back wall reconstruction, and painting and improving traffic safety features.
7. SR 4006 Washington Road over Culbertson Run, Chester County
 This bridge carries Washington Road over Culbertson Run. The bridge is 39 feet long and has a deck area of 780 square feet. Rehabilitation elements include concrete fill over barrels, moment slab with concrete core parapets, and rebuilding wing walls and improving traffic safety features.
8. SR 4011 Swinehart Road over Beaver Creek, Chester County
 This bridge carries Swinehart Road over Beaver Creek is. The bridge is 14 feet long and has a deck area of 347 square feet. Rehabilitation includes concrete fill over barrels, and moment slab with Type 10 barriers and channel floor repairs.
9. SR 2006 MacDade Boulevard over Ridley Creek, Delaware County
 This bridge carries MacDade Boulevard over Ridley Creek. The bridge is 187 feet long and has a deck area of 9,911 square feet. Rehabilitation elements include floorbeam strengthening and repair of deteriorated cantilevered brackets, and concrete columns and arch ribs.

TIP Program Years (\$ 000)

Later FYs

Phase	Fund	FY2009	FY2010	FY2011	FY2012
CON	BOO		2,843		
CON	BOO			5,292	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Various

Fiscal Year Total	0	2,843	5,292	0	0
		Total FY 09-12		8,135	

MPMS# 89027 *Joint Sealing 2010*
 AQ Code S19
 Bridge Repair/Replacement
 Various

Addresses joint sealing on various bridges in all five counties of the Delaware Valley region.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	916		4,192			
CON	916			448		
Fiscal Year Total		0	4,192	448	0	0
		Total FY 09-12		4,640		

MPMS# 89028 *Bridge on Demand 2010*
 AQ Code S19
 Bridge Repair/Replacement
 Various

Addresses bridge maintenance on various bridges in Bucks, Chester, Delaware and Montgomery counties.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	916		3,500			
Fiscal Year Total		0	3,500	0	0	0
		Total FY 09-12		3,500		

MPMS# 89092 *Bridge Underpinning 2010*
 AQ Code S19
 Bicycle/Pedestrian Improvement
 Various

Addresses underpinning on various bridges in Bucks, Chester, Delaware and Montgomery Counties.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	916		2,030			
Fiscal Year Total		0	2,030	0	0	0
		Total FY 09-12		2,030		

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Highway Program

Various

MPMS# 90123 *Preventive Maintenance - STP Flex*
 AQ Code M1 SEPTA Systemwide
 Transit Improvements

This project provides for federal operating assistance and preventive maintenance expenses pertaining to activities performed on vehicles and facilities. Activities include 1) program administration; 2) repair of buildings, grounds and equipment (including, but not limited to, the overhaul of vehicles); 3) operation of electric power facilities; 4) maintenance of vehicle movement control systems, fare collection, counting equipment and structures; and 5) maintenance of general administration buildings, grounds and equipment, and electrical facilities.

The bulk of SEPTA's maintenance program appears in MPMS# 60317. This project accounts for highway discretionary funding, which will be flexed to FTA.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PE	TOLL					
PE	STP		7,000			
Fiscal Year Total		0	7,000	0	0	0
		Total FY 09-12			7,000	

Total for Various	133,400	95,378	80,238	111,147	3,486
		Total FY 09-12		420,163	

**DVRPC FY 2009
Transportation Improvement Program
for Pennsylvania
Modified After June 2008 Adoption**

**Pennsylvania
Transit Program**



Delaware Valley Regional Planning Commission

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Transit Program

Chester

MPMS# 87534 **Coatesville Train Station Rehabilitation**
 AQ Code M8 North Third Avenue and Fleetwood Street
 Transit Improvements

This project will provide renovations to the existing Amtrak Station (Coatesville Train Station), which include: the interior and exterior of the building; installation of safety and surveillance equipment; waiting room, police substation, office space, coffee/newspaper stand and new bathrooms.

Attention to the Train Station's historic significance will be considered during the design and implementation of this project.

This project was also approved for \$300,323 TE funds. See MPMS# 71195 for the Highway funding (TE project).

This project accounts for the \$1 million Transit (FTA Section 5309) earmark.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
ERC	5309	1,000				
Fiscal Year Total		1,000	0	0	0	0
			Total FY 09-12		1,000	
Total for Chester		1,000	0	0	0	0
			Total FY 09-12		1,000	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Transit Program

DRPA

MPMS# 74835 **DRPA - Purchase/Rebuild PATCO Cars**

AQ Code M10 Philadelphia
 Not SOV Capacity Transit Improvements
 Adding Subcorr(s): Philadelphia City

This project will provide for the replacement of PATCO's existing car fleet, either through new car purchase or complete rebuilding of existing cars. Funding will be flexed to FTA. Additional funding for this project is noted in the DVRPC TIP for NJ, under DB #DR046.

\$1,000,000 SAFETEA-LU Earmark (PA ID#637/FED ID#4827)

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	FLEX	1,000				
CON	LOCAL	250				
Fiscal Year Total		1,250	0	0	0	0
			Total FY 09-12		1,250	

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

AQ Code S18 Commodore Barry Bridge
 Not SOV Capacity Other
 Adding Subcorr(s): 4d Philadelphia City; Philadelphia City

This project will include several security improvements to the Commodore Barry bridge; including electronic surveillance and detection, and increased lightning, bridge hardening, and construction inspection and management work. Funded by SAFETEA-LU earmark in the amount of \$1,000,000 (ID #4816/PA ID#626)

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	DEMO	1,000				
CON	LOCAL	250				
Fiscal Year Total		1,250	0	0	0	0
			Total FY 09-12		1,250	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Transit Program

DRPA

MPMS# 79814 Penn's Landing Water Shuttle Ramp Infrastructure

AQ Code NRS Delaware River - Spring Gdn.- Catherine
 Not SOV Capacity Transit Improvements
 Adding Subcorr(s): 4B Philadelphia City

This project will provide for the infrastructure improvements needed to build ramps into the Delaware River as part of a water shuttle/water taxi system planned for operation on the Philadelphia side of the Delaware River roughly between Spring Garden and Catherine Steets. Four ramps will be built. The earmark was provided to Penn's Landing Corporation(PLC) who will operate the service, and DRPA/PATCO has served as the public partner/sponsor of the project with concurrence from FTA.

SAFETEA DEMO ID #413 \$1 MILLION (E-2006-BUSP-875)

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	5309-B	250				
CON	LOCAL	63				
Fiscal Year Total		313	0	0	0	0
		Total FY 09-12			313	

MPMS# 80951 Cruise Terminal Intermodal Parking Facility

AQ Code NRS Phila NavyYard
 Transit Improvements
 Philadelphia City

This project will ultimately include the design and construction of a new or renovated intermodal parking facility at the Philadelphia Cruise Terminal. The facility will function as an intermodal hub receiving passengers, along with their luggage, who are arriving at the terminal via automobile, bus, taxi, or airport shuttle. The existing parking facility is inadequate. DRPA has coordinated with FTA for approval to amend the project to include the construction phase of this project at a future date as the design gets underway.

SAFETEA LU ID #201 - \$500,000

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	5309	2,280				
CON	LOC	570				
Fiscal Year Total		2,850	0	0	0	0
		Total FY 09-12			2,850	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Transit Program

DRPA

MPMS# 84470 *Penn's Landing Ferry System*
 AQ Code NRS Philadelphia
 Transit Improvements

This project will include design and construction of improvements to the existing ferry boat landing area in Philadelphia, as well as additional possible ferry landings on the Pennsylvania side of the Delaware River.

SAFETEA LU Earmark ID #4831 - \$4,000,000
 SAFETEA LU ID #137 - \$3,500,000
 Local match will be provided by DRPA funds

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PE	5309	80				
PE	LOCAL	20				
CON	5309	5,600				
CON	LOCAL	1,400				
Fiscal Year Total		7,100	0	0	0	0
			Total FY 09-12		7,100	

Total for DRPA	12,763	0	0	0	0
		Total FY 09-12		12,763	

Pennsylvania - Transit Program

PennDOT

MPMS# 59917 **Harrisburg/ SEPTA R5 Paoli Rail Line Improvements**

AQ Code M6 Philadelphia to Harrisburg

Not SOV Capacity Transit Improvements

Adding Subcorr(s): Various

2030 LRP ID: D

SEPTA, PennDOT, and Amtrak are working together to improve the infrastructure of the Amtrak owned Keystone corridor between Philadelphia and Harrisburg. This corridor serves the PennDOT-subsidized and Amtrak-operated Keystone service, and SEPTA's R5 Paoli/Thorndale Regional Rail Line. The project will restore the infrastructure to a state of good repair, improve operating speeds and enhance service reliability. Amtrak and SEPTA's are sharing the costs of improvements from Zoo Interlocking (west of Amtrak's 30th Street Station) westward to the Paoli Station in Chester County. SEPTA's funds provide for improvements between Zoo and Paoli Interlockings on Tracks 1 and 4. This project will be advanced in phases over a multi- year period.

Amtrak-SEPTA Phase 1, which was completed in Calendar Year 2007, included the installation of 85,000 concrete crossies and new continuous welded rail. Phase 2 includes for the design and construction of three track interlockings (Paoli, Villanov and Wynnefield) and a new bi-directional train signal system. The construction of Phase 2 improvements will be addressed over a four year period starting in the Calendar Year 2009.

The scope of work for Phase 3 is under development and will include additional track interlocking modifications, deletions and additions, as well as improvements to power substations, the power distribution system, and track beds.

Amtrak and PennDOT have jointly funded the installation of new concrete ties and new continuous welded rail on Tracks 2 and 3 between Zoo Interlocking and Paoli Station and infrastructure improvements west of Paoli including ties, rail, signals, catenary and bridges. The project also included the rehabilitation of Amtrak rail vehicles for use on this line. The investment by PennDOT and Amtrak in the Keystone corridor totaled \$145.5 million. The jointly funded Amtrak/PennDOT improvements were substantially completed in Calendar Year 2006.

The following represents PennDOT funding for each of the years FY09-FY12: \$4.430 million 5309/\$1.107 million state match and \$4.184 million 5307/\$1.046 million state match.

The rest of the financial records reflect SEPTA's portion of the funding: \$2.4 million 5309/\$500,000 state/\$100,000 local in FY09; \$8.8 million 5309/\$1.833 million state/\$367,000 local in FY10; \$8 million 5309/\$1.667 million state/\$333,000 local in FY11; \$12.8 million 5309/2.667 million state/\$533,000 local in FY12; and \$83.5 million in Later Fiscal Years.

This project may be suitable for ITS treatments.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	5307	4,184				
CON	5309	4,430				
CON	5309	2,400				
CON	CB	500				
CON	CB	1,046				
CON	CB	1,107				
CON	LOCAL	100				
CON	5307		4,184			
CON	5309		8,800			
CON	5309		4,430			
CON	CB		1,833			
CON	CB		1,046			
CON	CB		1,107			
CON	LOCAL		367			
CON	5307			4,184		
CON	5309			8,000		

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Transit Program

PennDOT						
CON	5309			4,430		
CON	CB			1,107		
CON	CB			1,667		
CON	CB			1,046		
CON	LOCAL			333		
CON	5307				4,184	
CON	5309				12,800	
CON	5309				4,430	
CON	CB				1,046	
CON	CB				2,667	
CON	CB				1,107	
CON	LOCAL				533	
CON	5309					66,800
CON	CB					13,917
CON	LOCAL					2,783
Fiscal Year Total		13,767	21,767	20,767	26,767	83,500
				Total FY 09-12	83,068	

Pennsylvania - Transit Program

PennDOT

MPMS# 82860

FTA SECTION 5310 PROGRAM

AQ Code X

Capital Assistance for Transportation of
Transit Improvements
Various

Capital Assistance for Purchase of Accessible Small Transit Vehicles Section 5310 Program

The Section 5310 program is intended to support the provision of transportation services for elderly persons and persons with disabilities who cannot be reasonably accommodated by conventional public transportation services. The program provides an opportunity for private non profit organizations and designated public agencies to apply for State-administered Federal capital assistance to pay 80% of the purchase costs of new wheel chair accessible vehicles and other related transportation equipment. The remaining 20% must be provided by the applicant.

Total programmed in FY09 - \$2,863,600
(\$2,290,880 FTA -5310/\$572,720 Local Match)

The 13 agencies receiving funds are:

Bucks County

- Bucks County Transport, Inc - funds to be used for the purchase of 8 wheelchair accessible vehicles - \$544,000 (\$435,200 FTA -5310/\$108,800 Local Match)
- Saint Mary Medical Center - funds to be used for the purchase of 4 wheelchair accessible vehicles - \$290,000 (\$232,000 FTA-5310/\$58,000 Local Match)
- Woods Services Foundation - funds to be used for the purchase of 3 wheelchair accessible vehicles and 3 radios - \$182,600 (\$146,080 FTA-5310/\$36,520 Local Match)

Chester County

- County of Chester - funds to be used for the purchase of 8 wheelchair accessible vehicles - \$528,000 (\$422,400 FTA-5310/\$105,600 Local Match)
- Human Services, Inc. - funds to be used for the purchase of 4 wheelchair accessible vehicles - \$262,000 (\$209,600 FTA-5310/\$52,400 Local Match)

Delaware County

- Children and Adult Disability and Educational Services - funds to be used for the purchase of 2 wheelchair accessible vehicles - \$120,000 (\$96,000 FTA-5310/\$24,000 Local Match)
- Community Transit of Delaware County, Inc. - funds to be used for the purchase of 3 wheelchair accessible vehicles - \$180,000 (\$144,000 FTA-5310/\$36,000 Local Match)
- Elwyn - funds to be used for the purchase of 2 wheelchair accessible vehicles- \$90,000 (\$72,000 FTA-5310/\$18,000 Local Match)

Montgomery County

- Suburban Transit Network, Inc - funds to be used for the purchase of 6 wheelchair accessible vehicles - \$360,000 (\$288,000 FTA-5310/\$72,000 Local Match)

Philadelphia

- Pauls Run - funds to be used for the purchase of 1 wheelchair accessible vehicle \$67,000 (\$53,600 FTA-5310/\$13,400 Local Match)
- Programs Employing People - funds to be used for the purchase of 2 wheelchair accessible vehicles - \$90,000 (\$72,000 FTA-5310/\$18,000 Local Match)
- The Arc of Philadelphia - funds to be used for the purchase of 2 wheelchair accessible vehicles - \$90,000 (\$72,000 FTA-5310/\$18,000 Local Match)
- The Trustees of the University of Pennsylvania - funds to be used for the purchase of 1 wheelchair accessible vehicle - \$60,000 (\$48,000 FTA-5310/\$12,000 Local Match)

Total programmed in FY10 - \$2,497,200
(\$1,997,760 FTA 5310/\$499,440 Local Match)

The 10 agencies receiving funds are:

Bucks County

- Woods Services Foundation - funds to be used for the purchase of 1 wheelchair accessible vehicle and 1 radio - \$46,200 (\$36,960 FTA-5310/\$9,240 Local Match)

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Transit Program

PennDOT

-Chandler Hall Health Services, Inc - funds to be used for the purchase of 1 wheelchair accessible vehicle -\$45,000 (\$36,000 FTA-5310/\$9,000 Local Match)

-Bucks County Transport, Inc - funds to be used for the purchase of 8 wheelchair accessible vehicles -\$560,000 (\$448,000 FTA-5310/\$112,000 Local Match)

Chester County

-Human Services Inc. - funds to be used for the purchase of 6 wheelchair accessible vehicles \$396,000 (\$316,800 FTA-5310/\$79,200 Local Match)

- The ARC of Chester County - funds to be used for the purchase of 1 wheelchair accessible vehicle \$45,000 (\$36,000 FTA 5310/\$9,000 Local Match)

- Chester County - funds to be used for the purchase of 7 wheelchair accessible vehicles \$463,000 (\$370,400 FTA 5310/\$92,600 Local Match)

Delaware County

-Children and Adult Disability and Educational Services - funds to be used for the purchase of 3 wheelchair accessible vehicles \$150,000 (\$120,000 FTA 5310/\$30,000 Local Match)

-Community Transit of Delaware County, Inc. - funds to be used for the purchase of 3 wheelchair accessible vehicles \$192,000 (\$153,600 FTA 5310/\$38,400 Local Match)

Montgomery County

-Suburban Transit Network, Inc. - funds to be used for the purchase of 6 wheelchair accessible vehicles \$360,000 (\$288,000 FTA 5310/\$72,000 Local Match)

Philadelphia

-the Trustees of the University of Pennsylvania. - funds to be used for the purchase of 4 wheelchair accessible vehicles \$240,000 (\$192,000 FTA 5310/\$48,000 Local Match)

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CAP	5310	2,290				
CAP	LOCAL	572				
CAP	5310		1,997			
CAP	LOCAL		499			
Fiscal Year Total		2,862	2,496	0	0	0
			Total FY 09-12		5,358	

Total for PennDOT	16,629	24,263	20,767	26,767	83,500
		Total FY 09-12		88,426	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Transit Program

Philadelphia

MPMS# 84473 *Philadelphia Zoo Intermodal Transportation Center*

AQ Code 20200 Philadelphia Zoo
Transit Improvements

The Philadelphia Zoo plans to develop Inter-modal transportation improvements in coordination with the Philadelphia Streets department. The project will improve traffic flow, parking conditions, links to public transportation, and public safety.

The project has four key components: augmentation of public transportation options by providing a shuttle that connects the Inter-modal Center to 30th Street Station and to other rail and bus lines; consolidation of Zoo parking through the creation surface parking lots accommodating 385 cars on Girard Ave; improvements to the surface parking lot at 38th Street and Girard Avenue, 34th street and Zoological Drive; Streetscape improvements on Girard avenue and 34th street to address deteriorated pedestrian circulation system and support the Inter-modal transportation center and link to other pedestrian and bikeway systems in the area.

The estimated total cost of the project is \$13.7 million. The project received \$4,180,000 provided by a FTA earmark (PA ID #22), and \$3 million provided by two FHWA earmarks (\$2,000,000, PA ID #606) and (\$1,000,000, PA ID 662). The balance of the cost (\$6,520,000) will be funded locally by the City of Philadelphia and the Philadelphia Zoo. FHWA funds will be flexed to FTA (PA-04-0045-01) who will serve as the project manager.

This project accounts for the FTA Earmarks
See MPMS# 74823 (FHWA funds)

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PE	5309-B	1,003				
PE	LOCAL	250				
CON	5309-B		2,215			
CON	LOCAL		553			
Fiscal Year Total		1,253	2,768	0	0	0
				Total FY 09-12		4,021

Total for Philadelphia	1,253	2,768	0	0	0
			Total FY 09-12		4,021

DVRPC FY 2009-2012 TIP for PA

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Pennsylvania - Transit Program

Pottstown

MPMS# 59935 *Capital/Operating Assist., Pottstown Urban Transit*

AQ Code M1 Pottstown Urban Transit

Not SOV Capacity Transit Improvements

Adding Subcorr(s): 9A Pottstown Borough

This project covers the operating subsidies for the Pottstown Urban Transit System. Funds in this project may also be used for capital projects.

Pottstown uses the majority of the annual appropriation for operating, and a small portion for equipment purchases and capital projects as required. Section 5340 funds are included with Section 5307 funds.

\$654,196 in ARRA funds will be used for the purchase of two lowfloor buses

\$457,204 in ARRA funds will be used for improvements to an existing transit canopy, which include streetscaping, repaving, electrical upgrades, and structural reinforcements.

\$40,000 in PTAF funds will be used for the purchase of a maintenance vehicle and installation of transit signage.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
OP	5307ER	655				
OP	5307	836				
OP	3037	41				
OP	FREE	42				
OP	CB	447				
OP	LOC	472				
CAP	5307ER	458				
OP	5307		836			
OP	3037		41			
OP	FREE		42			
OP	CB		447			
OP	LOC		472			
CAP	ACT26		40			
OP	3037			41		
OP	5307			836		
OP	FREE			42		
OP	CB			447		
OP	LOC			472		
OP	3037				41	
OP	5307				836	
OP	FREE				42	
OP	CB				447	
OP	LOC				472	
Fiscal Year Total		2,951	1,878	1,838	1,838	0
			Total FY 09-12		8,505	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Transit Program

Pottstown

Total for Pottstown	2,951	1,878	1,838	1,838	0
		Total FY 09-12		8,505	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Transit Program

SEPTA

MPMS# 15407 Villanova Intermodal Station Accessibility

AQ Code A2
 Not SOV Capacity
 Adding Subcorr(s): 2C,
 7B

Transit Improvements
 Radnor Township

This project will include design and the construction of a pedestrian crossing to the east of the Villanova Station; elevators and high level platforms will be constructed on each side of the tracks to allow complete access to both sides of the rail line. Design will also include bicycle storage, renovation of the station building, and renovation or replacement of the existing canopy structures on both sides of the tracks.

2 SAFETEA-LU EARMARKS
 \$3 million transit earmark, ID #628/\$2.38 million highway earmark, ID #2561
 HWY earmarks flexed to SEPTA

**Obligated Prior
 Year Funding**

\$1,009,000

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	FLEX	2,380				
CON	5309-B	823				
CON	5309-B	776				
CON	5309-B	587				
CON	LOCAL	595				
CON	LOCAL	147				
CON	LOCAL	194				
CON	LOCAL	206				
Fiscal Year Total		5,708	0	0	0	0
			Total FY 09-12		5,708	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Transit Program

SEPTA

MPMS# 59966

Capital Asset Lease Program

AQ Code M4
 Not SOV Capacity
 Adding Subcorr(s):

Transit Improvements
 Various

The Capital Asset Lease Program provides for lease payments attributable to the acquisition, through financial leasing arrangements, of the following capital assets: tire leases, computer and copier leases, warehouse facilities, communications, antennas and radios, and lease payments made to Amtrak by SEPTA for corridor access and operation on Amtrak's Northeast Corridor (Trenton, NJ to Wilmington, DE) and Harrisburg Line (Downingtown, PA to Center City, Philadelphia, PA). The lease payments to Amtrak represent SEPTA's allocated portion of Amtrak's cost to maintain and upgrade the right-of-way including protection of assets, maintenance and general administrative overhead.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CAL	1517	24,737				
CAL	1514	3,302				
CAL	LOCAL	114				
CAL	1514		4,031			
CAL	1517		24,709			
CAL	LOCAL		139			
CAL	5307			24,127		
CAL	1517			4,691		
CAL	LOCAL			832		
CAL	1517				4,691	
CAL	1514				24,894	
CAL	LOCAL				858	
CAL	1514					56,407
CAL	1517					5,000
CAL	LOCAL					1,945
Fiscal Year Total		28,153	28,879	29,650	30,443	63,352
			Total FY 09-12	117,125		

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Transit Program

SEPTA

MPMS# 59973 **Utility Fleet Renewal Program**
 AQ Code M2 Replacement of Non Revenue Vehicles
 Not SOV Capacity Transit Improvements
 Adding Subcorr(s): Various

The Utility Fleet Renewal program is a comprehensive effort to upgrade and replace the utility fleet and automotive fleet. In order to have adequate and reliable utility vehicles, SEPTA has developed a program to periodically renew this fleet on a vehicle by vehicle basis, contingent on the vehicle's age, condition, and usage. The utility fleet is comprised of the following types of vehicles: (1) utility vehicles for transit supervisors, SEPTA police officers, paratransit support, and operations support services, (2) utility vehicles for the fixed plant maintenance of buildings, overhead power systems, catenary, communications systems, signal systems, track, and roadway, (3) transport vehicles used in garages, shops, and operations support, and (4) service vehicles used for the maintenance of vehicles.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CAP	5307	2,800				
CAP	CB	583				
CAP	LOCAL	117				
CAP	5307		2,840			
CAP	CB		687			
CAP	LOCAL		23			
CAP	5307				3,200	
CAP	CB				667	
CAP	LOCAL				133	
CAP	5307					6,400
CAP	CB					1,333
CAP	LOCAL					267
CAP	5307					2,800
CAP	CB					583
CAP	LOCAL					117
Fiscal Year Total		3,500	3,550	0	4,000	11,500
			Total FY 09-12		11,050	

Pennsylvania - Transit Program

SEPTA

MPMS# 60255 **Regional Rail Signal Modernization Program**

AQ Code M6 Railroad Facilities
 Not SOV Capacity Transit Improvements
 Adding Subcorr(s): Various

This project provides for the modernization of the signal system for the R2 Warminster, R5 Lansdale-Doylestown (Lansdale to Doylestown), R6 Cynwyd, R6 Norristown, R8 Chestnut Hill East and R8 Chestnut Hill West Regional Rail Lines. The Automatic Block Signal System currently in use on these lines will be replaced with an Automatic Train Control (ATC) System. The ATC System, which operates on a microprocessor based platform, will ensure effective train separation, as well as provide train overspeed protection with automatic braking. The new signal system will also enable bi-directional train movements with full signaling, thus greatly enhancing the flexible of service when a portion of track is out of service for maintenance or repair.

This project will also include the implementation of a Positive Train Control System (PCT), which is a new requirement that was mandated under the recently passed Railroad Safety Improvement Act of 2008.

As part of this project, track interlockings and switches will be improved or replaced to complement the capabilities of the new signal system. These improvements, in conjunction with completed and planned communications system upgrades, will significantly improve service quality by providing enhanced passenger safety and a more reliable and maintainable operation. In addition, these infrastructure improvements will expand opportunities to increase overall travel speed and reduce travel time, while improving overall operational safety.

Similar improvements were recently completed on the Glenside to Lansdale portion of the R5 Lansdale-Doylestown Line. This project will bring the R2 Warminster, R5 Lansdale-Doylestown (Lansdale to Doylestown), R6 Cynwyd, R6 Norristown, R8 Chestnut Hill East and R8 Chestnut Hill West Regional Rail Lines into compliance with pending Railroad Safety Act requirements.

In total, 50 track miles of the signal system will be replaced by this multi-year project.

Project includes but is not limited to:

- Lansdale/Doylestown Line Signals and ROW improvement (\$14.86 million)
- Chestnut Hill East Signals and ROW improvement (\$7 million)
- Norristown Line Signals and ROW improvement (\$26.2 million)
- Cynwyd Line Signals and ROW improvement (\$8.2 million)
- Chestnut Hill West Signals, interlocking, and ROW improvement (\$9 million)

This project may be suitable for ITS treatments.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CAP	1514	4,350				
CAP	LOCAL	150				
CAP	1514		2,685			
CAP	1514		5,630			
CAP	1514		1,859			
CAP	1514		12,760			
CAP	LOCAL		92			
CAP	LOCAL		194			
CAP	LOCAL		64			
CAP	LOCAL		440			
CAP	5309			8,000		
CAP	CB			1,667		
CAP	1514			9,183		
CAP	LOCAL			333		

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Transit Program

SEPTA						
CAP	LOCAL			317		
CAP	5309				5,200	
CAP	CB				1,083	
CAP	1514				10,150	
CAP	LOCAL				350	
CAP	LOCAL				217	
CAP	5309					11,200
CAP	CB					2,333
CAP	1514					26,777
CAP	LOCAL					466
CAP	LOCAL					923
Fiscal Year Total		4,500	23,724	19,500	17,000	41,699
Total FY 09-12					64,724	

MPMS# 60271 Station Accessibility Program
 AQ Code M8 Modifications for ADA Compliance
 Not SOV Capacity Transit Improvements
 Adding Subcorr(s): Various

This project provides for the continuation of SEPTA's efforts to improve system accessibility at railroad and rail transit stations as part of compliance with the Americans with Disabilities Act (ADA). Planning is underway to select the next group of stations to be made accessible with funds programmed for this project. Selection will be based on a number of factors, including station ridership and intermodal connections, and input from the SEPTA Advisory Committee for Accessible Transportation (SAC), including identification of disability magnet sites. Sites currently being considered for funding include, but are not limited to:

- Allegheny Station (Broad Street Subway Line) - \$5 million (Prior Years & FY 2010)
- Erie Station (Broad Street Subway Line) - \$6 million (FY 2010, 2012, and Later FY)
- Margaret-Orthodox (Market Frankford Line) - \$27 million (Prior Years & FY 2009, 2010, 2011, 2012)
- Snyder Station (Broad Street Subway Line) - \$5 million (FY 2011 and Later FY)
- 40th Street Station (Market Frankford Line) - \$18 million (FY2009, 2010, 2011, 2012)

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
ERC	5309	3,200				
ERC	CB	667				
ERC	LOCAL	133				
ERC	5309			7,040		
ERC	CB			1,467		
ERC	LOCAL			293		
ERC	5309				7,240	
ERC	CB				1,508	
ERC	LOCAL				302	
ERC	5309					16,720
ERC	CB					3,483
ERC	LOCAL					697
Fiscal Year Total		4,000	0	8,800	9,050	20,900
Total FY 09-12					21,850	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Transit Program

SEPTA

MPMS# 60275 *Debt Service*

AQ Code M1
 Not SOV Capacity
 Adding Subcorr(s):

Transit Improvements
 Various

State capital funds will provide for debt service and the cost of issuance of bonds, notes and other indebtedness incurred by SEPTA. The Fiscal Year 2009 annual element will provide funds for the following debt service payments:

*Payments on Special Revenue Bonds, Series 1999, which were issued on February 23, 1999. These bonds provided funds for the Market-Frankford Subway Elevated cars, various capital improvement projects, and partial refunding of Series 1995A Bonds at favorable rates to SEPTA. (Normal Replacement and State of Good Repair)

*Payments on Variable Rate Revenue Refunding Bonds, Series 2007. The Variable Rate Refunding Bonds were used to refund the Special Revenue Bonds, Series 1997, which provided funds for the buyout of leases on Bombardier Rail Cars, General Motors Locomotives and Frazer Rail Car Maintenance Shop and for other capital improvement projects, including the Market-Frankford Subway Elevated car acquisition, Broad Street Subway Line cable replacement, Frazer Yard interlocking construction and Market-Frankford Subway Elevated Line infrastructure improvements. (Normal Replacement and System Improvement)

SEPTA expects to issue additional bonds in Fiscal Year 2010 or 2011 to assist in the financing of 120 regional rail cars.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
DS	ACT26	31,578				
DS	LOCAL	1,089				
DS	ACT26		31,610			
DS	LOCAL		1,090			
DS	1517			20,000		
DS	ACT26			31,624		
DS	LOCAL			1,091		
DS	1517				20,000	
DS	ACT26				31,624	
DS	LOCAL				1,090	
DS	ACT26					63,290
DS	1517					40,000
DS	LOCAL					2,183
Fiscal Year Total		32,667	32,700	52,715	52,714	105,473
				Total FY 09-12	170,796	

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Final Version

Pennsylvania - Transit Program

SEPTA

MPMS# 60281

Market St. Elevated Reconstruction Program

AQ Code M9

45th St. to East of 69th St.

Not SOV Capacity

Transit Improvements

Adding Subcorr(s): 4B,
5G, 10A

West Philadelphia; Upper Darby Township; Millbourne Borough; Philadelphia City

2030 LRP ID: A

The Market Street Elevated Reconstruction Program will provide for the complete reconstruction of the Market Street Elevated superstructure, sub-structure and foundations, and the rehabilitation of abutments and bearings. Passenger stations located at 46th, 52nd, 56th, 60th, 63rd Streets and Millbourne Station will be completely reconstructed and will comply with the requirements of the Americans with Disabilities Act.

This reconstruction effort will be undertaken through a single column bent approach. The single column bent approach offers substantial benefits to SEPTA and the community, including fewer columns which will reduce maintenance costs and improve the aesthetics of West Market Street; improved lighting at street level; and safer pedestrian crossing and bus boardings, as passengers will no longer be required to cross traffic to board buses.

In addition, this construction effort will complement and assist in the City's Streetscape Plan, which proposes to convert Market Street into a two lane road with bike lanes.

Obligated Prior Year Funding

\$701,424,000

This project may be suitable for ITS treatments.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	5307	5,052				
CON	5309	5,810				
CON	CB	1,210				
CON	CB	1,052				
CON	LOCAL	210				
CON	LOCAL	242				
CON	5309		3,975			
CON	CB		962			
CON	LOCAL		26			
Fiscal Year Total		13,576	4,963	0	0	0
		Total FY 09-12			18,539	

Pennsylvania - Transit Program

SEPTA

MPMS# 60286 **SEPTA Bus Purchase Program**

AQ Code 20200
 Not SOV Capacity Transit Improvements
 Adding Subcorr(s): Various

SEPTA's Bus Fleet Management Plan provides for the acquisition of different size buses based upon needs and route characteristics. The current bus fleet consists of a variety of buses ranging from 60-foot articulated and 40-SEPTA's Bus Fleet Management Plan provides for the acquisition of different size buses based upon needs and route characteristics. The current bus fleet consists of a variety of buses ranging from 60-foot articulated and 40-foot buses for heavy use routes to 27- and 30-foot buses for suburban, circulator and contracted service routes. On September 27, 2007 the SEPTA Board approved the award of a contract to New Flyer, Inc. for 400 hybrid (diesel-electric) forty-foot low-floor transit buses with an option to purchase an additional 80 buses. The base order of 400 buses will replace SEPTA's NABI buses, which will have exceeded their useful life of 12 years by the time of replacement. These new buses will be delivered on increments of 100 per year starting in mid-2008. SEPTA will also exercise the option to purchase up to 20 additional buses per year (80 buses total)

Operating hybrid (diesel-electric) buses enables SEPTA to significantly reduce engine exhaust emissions in the region and increase fuel efficiency. This model of hybrid bus reduces emissions in the following areas: carbon monoxide 80%, nitrous oxide 5.5%, hydrocarbons 44%, particulate matter 31%, and carbon dioxide 38%. In addition to emission superiority, the hybrids have achieved 29% greater gas mileage, superior brake lining and faster acceleration. SEPTA currently has a fleet of 32 hybrid (diesel-electric) vehicles. The addition of 400 hybrid buses will make SEPTA the operator of one of the largest public transit hybrid bus fleets in the country. (Funding programmed in years 2009-2011 is for this procurement.)

Each bus will have a public address system that will enable the operator to clearly communicate with passengers inside and outside the vehicle. For the hearing and visually impaired, an audio/visual annunciating system will be installed, which will automatically announce upcoming bus stops and informational messages. All buses will be equipped to accommodate wheelchairs. In addition, each vehicle will be equipped with a bicycle rack. The Bus Purchase Program also provides for the acquisition of spare components, tools and equipment required to service the new buses.

The Bus Purchase Program also provides for necessary spare components, tools and equipment required to properly service the new buses. Funding is also provided from MPMS#65109, FHWATransit flex to SEPTA. The funding in Fiscal Year 2012 and later years will be for the next procurement of hybrid buses.

\$16.699 million 5307ER ARRA for Hybrid Bus Option
 \$3.849 million 5309ER ARRA for Hybrid Bus Option

Obligated Prior Year Funding

\$2,856,983

This project may be suitable for ITS treatments.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PUR	5340ER	3,849				
PUR	5307	22,117				
PUR	5307ER	16,699				
PUR	5308	3,000				
PUR	CB	4,607				
PUR	CB	494				
PUR	LOCAL	922				
PUR	LOCAL	121				
PUR	5307		30,277			
PUR	CB		7,325			
PUR	LOCAL		245			
PUR	5307			29,858		
PUR	CB			6,220		
PUR	LOCAL			1,244		

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Transit Program

SEPTA						
PUR	5307				36,698	
PUR	CB				7,645	
PUR	LOCAL				1,528	
PUR	5307					167,380
PUR	CB					34,871
PUR	LOCAL					6,974
Fiscal Year Total		51,809	37,847	37,322	45,871	209,225
					Total FY 09-12	172,849

MPMS# 60317 **Federal Preventive Maintenance**

AQ Code M1 Systemwide
 Not SOV Capacity Transit Improvements
 Adding Subcorr(s): Various

This project provides for federal operating assistance and preventive maintenance expenses pertaining to activities performed on vehicles and facilities. Activities include 1) program administration; 2) repair of buildings, grounds and equipment (including, but not limited to, the overhaul of vehicles); 3) operation of electric power facilities; 4) maintenance of vehicle movement control systems, fare collection, counting equipment and structures; and 5) maintenance of general administration buildings, grounds and equipment, and electrical facilities.

Also, see MPMS# 90123 for highway discretionary funding that was made available for additional Federal Preventive Maintenance in FY10.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
OP	5307	32,200				
OP	5309	40,000				
OP	LOCAL	10,000				
OP	LOCAL	8,050				
OP	5309		35,000			
OP	LOCAL		8,750			
OP	5307			32,200		
OP	5309			20,000		
OP	LOCAL			5,000		
OP	LOCAL			8,050		
OP	5307				32,200	
OP	LOCAL				8,050	
OP	5307					32,200
OP	LOCAL					8,050
Fiscal Year Total		90,250	43,750	65,250	40,250	40,250
					Total FY 09-12	239,500

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Transit Program

SEPTA

MPMS# 60335 **City Hall and 15th Street Stations Rehabilitation**

AQ Code M8 On Broad Street Subway Line/MF Line
 Not SOV Capacity Transit Improvements
 Adding Subcorr(s): Center City Philadelphia
 10A, 14A

This project will provide for the renovation of City Hall Station on the Broad Street Subway Line and 15th Street Station on the Market-Frankford Line. City Hall Station is the heaviest patronized station on the Broad Street Subway Line serving 27,000 passengers on a daily basis. 15th Street Station serves 29,000 passengers a day. These stations are part of a junction point between the Broad Street Line, Market-Frankford Line, Subway-Surface Lines and Regional Rail Lines. City Hall Stations, which opened in 1928, has deteriorated over the years and is in need of repairs. In addition, both stations require accessibility improvements to meet ADA standards, as well as passenger amenity improvements and aesthetic enhancements to uplift their overall appearance and appeal.

Preliminary and final design for this project will focus on the following items :

- 1) new entrance in Dilworth Plaza, including elevators and a fare collection facility;
- 2) elevator accessibility from street level to the platforms of the Broad Street Line and the Market-Frankford Line; 3) elevator accessibility from street level to Dilworth Plaza and Suburban Station; 4) modification of the fare collection facility on the lower concourse level; 5) more open space at the platform level of City Hall Station; 6) straightening and widening of passageways; 7) new architectural finishes, lighting and signage; 8) Art-In-Transit; 9) mechanical and natural ventilation in re-opened shafts; 10) structural repairs; 11) prevention/interception of water infiltration/inflow; 12) 15th Street Station accessibility improvements, including elevators and platform raising; and modification of 15th Street Station fare collection facility.

**Obligated Prior
Year Funding**

\$9,500,000

This project contains ITS elements.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	5309					
CON	CB					
CON	LOCAL					
CON	5309		5,680			
CON	CB		1,374			
CON	LOCAL		46			
CON	5309			16,000		
CON	CB			3,333		
CON	LOCAL			667		
CON	5309				16,000	
CON	CB				3,333	
CON	LOCAL				667	
CON	5309					37,200
CON	CB					7,750
CON	LOCAL					1,550
Fiscal Year Total		0	7,100	20,000	20,000	46,500
				Total FY 09-12	47,100	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Transit Program

SEPTA

MPMS# 60540 **Parking Expansion Program**

AQ Code 20200 Systemwide
 Not SOV Capacity Transit Improvements
 Adding Subcorr(s): Various

This program provides for the design and construction of parking facility expansions, new parking facilities including garages, and the rehabilitation of existing parking facilities. All new and rehabilitated facilities will be compliant with the requirements of the Americans with Disabilities Act of 1990. Lighting, signage, landscaping, and drainage improvements will be incorporated into each project. Pathways from the new/improved parking facilities to the station area will be constructed or improved as needed to complement parking projects.

There are 136 parking facilities with a total of 26,800 parking spaces that are maintained by SEPTA. On a daily basis, many of these facilities are at, or near, full capacity. Over the last ten years, SEPTA and PADOT have added 2,800 parking spaces. By increasing parking capacity throughout the transit system, SEPTA will be better able to attract new customers and further assist in the mitigation of traffic congestion and reducing air pollution for the region.

Projects programmed for funding in the next few years are as follows:

ARRA funds added is for R3 Elwyn Parking (\$1,690,322).

- Exton Parking Expansion (see MPMS #73920) - \$6.8 million
- Malvern Parking and Underpass (see MPMS #84643) - \$12.6 million
- Gwynedd Valley Parking Expansion (see MPMS #84640) - \$1.8 million

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
ERC	5307ER	1,690				
ERC	5309-B	226				
ERC	1514	483				
ERC	CB	47				
ERC	LOCAL	10				
ERC	LOCAL	17				
ERC	5309		3,920			
ERC	CB		948			
ERC	1514		483			
ERC	LOCAL		17			
ERC	LOCAL		32			
ERC	1514			483		
ERC	LOCAL			17		
ERC	1514				2,418	
ERC	LOCAL				83	
ERC	5309					27,440
ERC	CB					5,721
ERC	1514					5,373
ERC	LOCAL					185
ERC	LOCAL					1,142
Fiscal Year Total		2,473	5,400	500	2,501	39,861
			Total FY 09-12		10,874	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Transit Program

SEPTA

MPMS# 60555 **Broad Street Subway Station Improvements**

AQ Code M8 Girard, Spring Garden
 Not SOV Capacity Transit Improvements
 Adding Subcorr(s): Philadelphia City
 10A, 14A

This project will provide for improvements to Spring Garden and Girard Stations on the Broad Street Subway Line. Both stations were open in 1928. The stations are showing signs of disrepair and deterioration due to their age and use.

Improvements at Spring Garden and Girard Stations will include improved lighting; new wall, floor and ceiling finishes; passenger amenities; signage; and passenger control and cashier facilities. Accessibility improvements at these two stations will include elevators connecting the street, mezzanine and platform levels, platform tactile warning strips, Braille and raised letter signs, and an audio/visual public address system. Materials installed at these stations will be easy to maintain, have a long-life expectancy, and possess vandal-resistant qualities. These improvements will convert Spring Garden and Girard Stations into fully-accessible, modern, and secure transit facilities.

\$30.034 million ARRA for Broad Street Subway Station Improvements- Girard and Spring Garden

**Obligated Prior
Year Funding**

\$1,500,000

This project contains ITS elements.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
ENG	5309	800				
ENG	CB	167				
ENG	LOCAL	33				
CON	5307ER	30,034				
Fiscal Year Total		31,034	0	0	0	0
			Total FY 09-12		31,034	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Transit Program

SEPTA

MPMS# 60557 **System Improvements**
 AQ Code M6 System Improvements
 Not SOV Capacity Transit Improvements
 Adding Subcorr(s): Various

This project will provide for the development, design and implementation of system improvements within the five county area. Capital improvements to the infrastructure are required in order to carry out many of the business goals and objectives of the Authority. System improvements are defined as projects which expand or improve operations, or which add new system capabilities or service.

Potential projects include:

\$15,676,936 5307ER ARRA Projects include Media-Sharon Hill Line Route 101/102 Power Control and Passenger Information System (\$3,679,538), Route 101 Warning Device (\$3,086,614), Communications-Based Train Control Upgrade (\$4,713,184), and Route 100 Power Control and Passenger Info. System - Fiber Optic (\$4,197,600).

\$1.211 5309ER ARRA Project is for the Media-Sharon Hill Line Route 101/102 Power Control and Passenger Information System (\$1,210,652)

Rail Transit Stations Fiber Optic Platform (Phase II)--Design, purchase, installation of fiber optic equipment to be deployed at locations throughout SEPTA's Subway/Elevated and Light Rail Systems. (\$9 million)

Customized Community Transportation (CCT) Communications system/Control Center--upgrading and enhancement of the dispatching and reservation operation of SEPTA's ADA and Shared-Ride programs. (\$19 million)

Information Technology--Enhancements to SEPTA's information technology infrastructure and computer software applications. (\$ 1.5 million per year)

Interoperable Communications Project - includes the Police Computer Aided Dispatch System Upgrade and Radio Interoperability System Upgrade and Maintenance (\$657,000 5309B/\$159,000 State/\$5,000 Local)

This project contains ITS elements.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CAP	5309ER	1,211				
CAP	5307ER	15,678				
CAP	1514	3,159				
CAP	LOCAL	107				
CAP	5309-B		657			
CAP	5309		1,570			
CAP	CB		159			
CAP	CB		380			
CAP	1514		5,800			
CAP	LOCAL		5			
CAP	LOCAL		13			
CAP	LOCAL		200			
CAP	1514			5,800		
CAP	LOCAL			200		
CAP	1514				5,800	
CAP	LOCAL				200	
CAP	1514					11,600
CAP	LOCAL					400

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Transit Program

SEPTA

Fiscal Year Total	20,155	8,784	6,000	6,000	12,000
		Total FY 09-12		40,939	

MPMS# 60574 Paoli Transportation Center

AQ Code 20200
 Not SOV Capacity Transit Improvements
 Adding Subcorr(s): Tredyffrin Township
 2030 LRP ID: E

This project provides for the development, engineering, and construction of a new multi-modal transportation center in Paoli, Chester County. The new facility will be located on the R5 Paoli/Downingtown Regional Rail Line west of the existing station. This station serves SEPTA and Amtrak trains and is one of the most heavily patronized SEPTA train stops outside of Center City. The project includes the construction of an intermodal station facility including the reconfiguration of track/interlocking west of the station to accommodate the platforms for the new transportation center. This project also provides for high-level platforms, a waiting area, ticket office and passenger amenities; construction of a 1,200-space new commuter parking facility; reconfiguration of access roads and entrances to the station; and construction of new pedestrian linkages throughout the station area including sidewalks, crosswalks, and a concourse linking inbound and outbound station platforms.

Unobligated discretionary funding and SAFETEA-LU earmarks are as follows:

FY 2006: \$2,850,487
 FY 2007: \$914,640
 FY 2008: \$1,483,360
 FY 2009: \$1,354,320

The highway components of this project are programmed in the Chester County section of the TIP under MPMS #47979.

Additional funds may be available and drawn down for this project through SEPTA's actual annual allocation of Section 5309 Discretionary Bus Funds as noted in MPMS#70690.

Obligated Prior Year Funding

\$9,634,400

This project may be suitable for ITS treatments.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
ERC	5309-B	2,850				
ERC	CB	594				
ERC	LOCAL	119				
CON	5309-B	1,483				
CON	5309-B	1,354				
CON	5309-B	915				
CON	CB	282				
CON	CB	191				
CON	CB	309				
CON	LOCAL	56				
CON	LOCAL	38				
CON	LOCAL	62				
Fiscal Year Total		8,253	0	0	0	0
		Total FY 09-12		8,253		

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Transit Program

SEPTA

MPMS# 60582

Vehicle Overhaul Program

AQ Code M3

Transit Improvements

Not SOV Capacity

Various

Adding Subcorr(s):

This project provides for the major overhaul of SEPTA's rolling stock and for specialized vehicle overhauls conducted in addition to the general overhaul effort. The project will address critical items and vehicle equipment upgrades and modifications which are accomplished on a fleet wide basis.

Highlights of the Fiscal Year 2009 program include the overhaul of 27-foot Champion buses, 40-foot low-floor hybrid New Flyer buses, 60-foot articulated Neoplan buses, Broad Street Subway B-IV cars, Subway Surface light rail vehicles, Media/Sharon Hill Line light rail vehicles, Regional Rail Silverliner IV railcars, Regional Rail Bombardier Push-Pull railcars and locomotives, Market Frankford M-4 cars, Norristown High Speed Line N-5 cars, and maintenance of way equipment. Campaigns for Fiscal Year 2009 include Regional Rail Silverliner IV A/C condenser unit overhaul and rotating equipment change out; and Light Rail Vehicle automatic stop announcement system installation.

This project may be suitable for ITS treatments.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CAP	CB	21,750				
CAP	1514	29,242				
CAP	LOCAL	1,008				
CAP	5307		40,940			
CAP	5309		21,723			
CAP	CB		3,256			
CAP	CB		19,767			
CAP	LOCAL		330			
CAP	LOCAL		175			
CAP	1514			38,183		
CAP	CB			15,700		
CAP	LOCAL			1,317		
CAP	CB				10,300	
CAP	1514				45,047	
CAP	LOCAL				1,553	
CAP	CB					20,000
CAP	1514					95,700
CAP	LOCAL					3,300
Fiscal Year Total		52,000	86,191	55,200	56,900	119,000
			Total FY 09-12		250,291	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Transit Program

SEPTA

MPMS# 60585 *Track, Signal, Catenary & Bridge Renewal (ISRP)*

AQ Code M9 Systemwide
 Not SOV Capacity Transit Improvements
 Adding Subcorr(s): Various

This program provides for the renovation, rehabilitation, or replacement of infrastructure and associated components of SEPTA's transit and railroad system.

The following is a listing of Track, Signal, Catenary and Bridge projects to be funded under this program:

\$21,241,428 million 5307ER ARRA projects include Media-Sharon Hill Line Painting and Overhead Structures (\$922,660), Medi-Sharon Hill Line Grade Crossing (\$11,269,596), Sectionalization to Routes 101 and 102 (\$4,931,072), and Catenary Poles at Frazer Yard (\$4,118,100)

\$11,734,793 million 5309ER ARRA project is for the Media-Sharon Hill Continuous Welded Rail for the Route 101 and 102.

Cable Replacement Program on Broad Street Subway DC Traction Cable & Market Street Elevated AC Cable; Wood Pole Replacement Program on Norristown High Speed Line and the Media/Sharon Hill Line; Authority-wide Manhole Rehabilitation Program (20 locations); Trolley Wire Replacement Program (Route 34 and Route 13); Trackless Trolley Power System Upgrade - Routes 59, 66 & 75; Duct Bank Replacement Program (Broad Street and Wyoming Avenue); Route 15 Sectionalization; Sectionalizing Switch / RTU / Section Insulator Installation Program (R3 Media Elwyn Line and R5 Main Line); Warminster Line Catenary Reconfiguration; Catenary Work at "K" Interlocking; R5 Main Line Catenary Replacement Program (Six Sections); Communications & Signals Cable Installation - R3 West Trenton Line & R3 Media Elwyn Line; Rt. 36 Island Ave. Track Renewal - Buist to Lindbergh Blvd.; Route 11 - Woodland Avenue Street Track Renewal - 58th Street to 68th Street; Market Frankford Line - Continuous Welded Rail Program - 2nd St. to I-95 Viaduct; CTD/STD High Speed Specialwork Renewal - Broad Street Subway Switches and Crossovers; CTD/STD Curve Worn Rail Replacement - Market Frankford Line and Subway Surface Line; Street Track Special Work Renewal - 42nd and Baltimore, 63rd and Lansdowne and 40th Street Portal; MFSE 3rd Rail Relocation Program - Berks and York/Dauphin Stations; Subway/Surface Line - Renew Station Track at Juniper Station; R5 Main Line "Kay" Interlocking Tie Renewal & Resurfacing; RRD Grade Crossing Renewal Program - R3 West Trenton Line Bellvue Ave. - Premier and Woodbourne Road - Premier; Hunt Slip Switch and the UG 4.5 Bridge Timber Renewal; R5 Main Line Tie & Surface - Carmel to 16th St.; RRD Under Grade Bridge - Timber Deck Renewals R5 Lansdale and Doylestown Lines; RRD West Trenton Tie & Surfacing Program - Neshaminy to Wood; Railroad Division Curve Worn Rail Replacement - R7 Chestnut Hill East Line and R8 Fox Chase Line; Critical Catenary Structural Rehabilitation Program (Lansdale, Media/Elwyn and Norristown Lines); Bridge Rehabilitation Program (Media/Elwyn, Chestnut Hill East and Chestnut Hill West Lines).

This project may be suitable for ITS treatments.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
ERC	5309ER	11,735				
ERC	5307ER	21,242				
ERC	CB	24,000				
ERC	CB		24,000			
ERC	CB			24,000		
ERC	CB				24,000	
ERC	CB					48,000
Fiscal Year Total		56,977	24,000	24,000	24,000	48,000
			Total FY 09-12		128,977	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Transit Program

SEPTA

MPMS# 60599 *Paratransit Vehicle Purchase*

AQ Code M10 Transit Improvements
 Not SOV Capacity Various
 Adding Subcorr(s):

This project provides for the acquisition of revenue vehicles for SEPTA's Paratransit and Shared Ride operations. The vehicles acquired will replace existing vehicles that have exceeded their useful life and will increase the size of the fleet for improved service. The revenue vehicles will be owned by SEPTA and will be used by contracted carriers to service these operations.

This project may be suitable for ITS treatments.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PUR	5307	3,840				
PUR	CB	800				
PUR	LOCAL	160				
PUR	5307		2,840			
PUR	CB		687			
PUR	LOCAL		23			
PUR	5307			3,520		
PUR	CB			733		
PUR	LOCAL			147		
PUR	5307				3,760	
PUR	CB				783	
PUR	LOCAL				157	
PUR	5307					7,520
PUR	CB					1,567
PUR	LOCAL					313
Fiscal Year Total		4,800	3,550	4,400	4,700	9,400
			Total FY 09-12		17,450	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Transit Program

SEPTA

MPMS# 60611 *Fare Collection System/New Payment Technologies*

AQ Code M5
 Not SOV Capacity
 Adding Subcorr(s):
 2030 LRP ID: B

Transit Improvements
 Various

This project provides for the upgrade of SEPTA's fare collection system and equipment. SEPTA's fare collection equipment has outlived its useful life, but has remained functional through equipment overhaul programs and the acquisition of used equipment from other transit agencies.

Continuing advancements in the telecommunications industry will enable SEPTA to modernize or replace current revenue collection equipment and will greatly improve customer service and convenience. New fareboxes on buses and light rail vehicles will accept electronic fare media such as contactless cards and tickets, and will validate coin and paper currency. New full service vending machines located in subway-elevated, subway-surface and selected regional rail stations, and at other terminal locations will improve customer convenience of fare instrument purchases. Regional Rail conductors will be issued hand-held point of sales devices that will have the capability of recording on-board sales information and provide a fare instrument and/or a receipt.

In addition to bus, rail transit, and regional rail fare collection improvements, this project will also include efforts to improve the payment and collection procedures for SEPTA's Customer Community Transportation (CCT) operation, as well as SEPTA's parking operation. Computer equipment and software systems will be replaced to support the enhanced system-wide fare collection system.

Control, accountability and reconciliation will be made an integral part of the new fare collection system. The introduction of new fare collection technology will attract riders to the system and facilitate more accurate gathering of ridership and revenue information. This project will realign fare collection within SEPTA across all modes, fleets and business functions. Electronic fare media used in conjunction with modern fare collection devices will allow customers to move seamlessly throughout the transit network.

Obligated Prior Year Funding

\$5,875,469

This project contains ITS elements.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	5307	12,000				
CON	CB	2,500				
CON	LOCAL	500				
CON	5307		4,662			
CON	5309		1,600			
CON	CB		1,159			
CON	CB		387			
CON	LOCAL		13			
CON	LOCAL		37			
CON	5307				19,390	
CON	5309				11,910	
CON	CB				2,481	
CON	CB				4,040	
CON	LOCAL				496	
CON	LOCAL				808	
CON	5307					11,338
CON	CB					2,174
CON	LOCAL					630
CON	5307					16,000
CON	CB					3,333

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Transit Program

SEPTA						
CON	LOCAL					
						667
	Fiscal Year Total	15,000	7,858	0	39,125	34,142
			Total FY 09-12		61,983	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Transit Program

SEPTA

MPMS# 60619

Transit Enhancements

AQ Code M8

Not SOV Capacity

Adding Subcorr(s):

Transit Improvements

Various

Under SAFETEA-LU guidelines, eligible activities include historic preservation, rehabilitation, and related activities; bus shelters; landscaping and other scenic beautification including street lights; public art; pedestrian access and walkways; bicycle access including storage facilities and installation of equipment for transporting bicycles on transit vehicles; transit connections to parks; signage; and enhanced access to transit for persons with disabilities.

Projects are selected by DVRPC based on recommendations from an advisory committee following a competitive review process and are drawn down at the appropriate time.

\$1,749,489 TTE/\$423,000 State/\$14,000 Local funding in FY09 available from FY07 and FY08 carry over funds, and will be contributed to renovating the Historic Wayne Station (See MPMS# 61702)

\$1,936,000 TTE/\$435,000 State/\$49,000 Local funding in FY10 available from FY09 carryover and FY10 funds, and will be contributed to renovating Queen Lane/Allen Lane Station/ Wayne Station.

\$134,000 TTE/\$27,917 State/\$5,583 Local funding in FY10 available from FY00 carryover funds will be used for the renovation of Wayne Station.

Other projects selected for funding under this program have been Historic Station Renovations at Wayne, Allens Lane, and Queen Lane Stations; renovations at Merion Station; landscaping at Frankford Transportation Center and 69th Street Terminal.

This project may be suitable for ITS treatments.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CAP	TTE	1,749				
CAP	CB	423				
CAP	LOCAL	14				
CAP	TTE		134			
CAP	TTE		1,936			
CAP	CB		27			
CAP	CB		435			
CAP	LOCAL		5			
CAP	LOCAL		49			
CAP	TTE			901		
CAP	CB			188		
CAP	LOCAL			37		
CAP	TTE				1,061	
CAP	CB				221	
CAP	LOCAL				77	
CAP	TTE					1,061
CAP	CB					221
CAP	LOCAL					77
Fiscal Year Total		2,186	2,586	1,126	1,359	1,359
				Total FY 09-12	7,257	

Pennsylvania - Transit Program

SEPTA

MPMS# 60629 **Job Access and Reverse Commute (JARC)& New Freedom**
 AQ Code 2010O Transportation Program
 Not SOV Capacity Transit Improvements
 Adding Subcorr(s): Various

Job Access and Reverse Commute, and New Freedoms programs provide funds for transportation services for transit dependent populations.

The Southeastern Pennsylvania Job Access and Reverse Commute Initiative is a program that offers a regional approach to job access challenges and human services transportation coordination. The program has two major goals. The first is to provide transportation services in urban, suburban, and rural areas to assist welfare recipients and low-income individuals in accessing employment opportunities during both traditional and non-traditional work hours. The second goal of the program is to increase coordination among the transportation providers, human service agencies, employers, the Delaware Valley Regional Planning Commission, the Commonwealth of Pennsylvania, and affected communities and individuals. Job Access projects implement new transportation services or extend existing services to fill the transportation gaps that exist in many areas between where welfare recipients and low-income persons live and employment opportunities. Reverse Commute projects are designed to transport the general public from urban, suburban, and rural areas to suburban employment opportunities.

SEPTA services include new bus routes to employment areas, early morning and late night service on regional rail lines, city and suburban "night owl" bus service, bus route extensions and enhancements, suburban evening bus service and "How to Ride" guides. Subrecipients of JARC funds from SEPTA provide "final link" transportation to locations not easily served by traditional transit or to meet the unique travel requirements of low-income populations in more rural pockets of the Philadelphia region. These partners provide small bus and van service to suburban job centers, reverse commute intra-county service and connecting service from train stations and bus routes to suburban businesses. Additionally, the services are marketed by SEPTA and its subrecipients

Every month, approximately 91,000 trips are made on the Southeastern Pennsylvania regional job access routes.

The New Freedom program provides operating and capital costs for services and public transportation alternatives to assist persons with disabilities. The services must be beyond those required by the Americans with Disabilities Act of 1990 (ADA)

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
OP	3037	3,306				
OP	FREE	1,082				
OP	1516	4,453				
OP	1517	270				
OP	3037		2,700			
OP	1516		4,241			
OP	3037			3,172		
OP	FREE			1,168		
OP	1516			4,258		
OP	1516			276		
OP	3037				2,700	
OP	FREE				1,347	
OP	1516				4,241	
OP	1516				319	
Fiscal Year Total		9,111	6,941	8,874	8,607	0
			Total FY 09-12		33,533	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Transit Program

SEPTA

MPMS# 60636 *Elwyn to Wawa Rail Improvements*
 AQ Code 2020M Elwyn to Wawa, Delaware County
 Not SOV Capacity Transit Improvements
 Adding Subcorr(s): 5B Middletown Township
 2030 LRP ID: P

This project will provide for the restoration of rail service approximately 3 miles between the existing R3 Media/Elwyn Regional Rail Line terminus at Elwyn, Delaware County, to a proposed terminus at Wawa, Delaware County. Service restoration will require new track, catenary, signals, communications and structures between Elwyn and Wawa, as well as the construction of a new station and parking facility at Wawa, Delaware County. The project is in close proximity to US Route 1, a major highway artery serving this area. Route 1 would provide excellent highway access to the large park and ride facility proposed at Wawa.

\$7.404 ARRA is the the R3 Media Line Roadbed Stabilization (\$7,404,000)

Obligated Prior Year Funding

\$6,373,364

This project may be suitable for ITS treatments.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	5309ER	7,404				
CON	5309	3,200				
CON	CB	667				
CON	LOCAL	133				
CON	5309		800			
CON	CB		194			
CON	LOCAL		6			
CON	5309			20,000		
CON	CB			4,167		
CON	LOCAL			833		
CON	5309				15,702	
CON	CB				3,271	
CON	LOCAL				654	
CON	5309					19,200
CON	CB					3,973
CON	LOCAL					827
Fiscal Year Total		11,404	1,000	25,000	19,627	24,000
				Total FY 09-12	57,031	

Pennsylvania - Transit Program

SEPTA

MPMS# 60638 **Regional Rail Car Acquisition**
 AQ Code M10 Systemwide
 Not SOV Capacity Transit Improvements
 Adding Subcorr(s): Various

This project provides for the acquisition of 120 new rail cars for SEPTA's Regional Rail service. These cars will replace existing Silverliner II and III rail cars, which are currently 40 to 44 years old. This project will also provide for the acquisition of additional cars, which will supplement the regional rail car fleet in order to meet ridership increases. Vehicles acquired through this project will include current technology and proven components, to ensure overall safety, security and passenger comfort. Passenger amenities will include larger windows, wider aisles, a state-of-the-art climate control system and enhanced seating arrangements with more two by two passenger seating. Each car will also be equipped to accommodate two wheel chairs. The combination of aisle width, placement of wider doors and interior seating arrangements will provide a more pleasant environment of passenger movement and seating. The new cars will have electronic exterior and interior destination signs and voice annunciation of train destination and upcoming station stops. The enhanced public address system will enable SEPTA's Control Center to broadcast messages directly to customers on trains. Cars will also be equipped with a passenger emergency intercom system. In addition, the new cars will be more accommodating for customers with bicycles during off-peak hours. All vehicles will comply with Americans With Disabilities Act requirements.

Regional Rail ridership on weekdays in 200 exceeds passengers. The long term Center City employment forecast is favorable with the construction of over a million square feet of office space underway. New gambling venues in Philadelphia, Bucks and Delaware Counties will attract both gamblers and employees to Regional Rail travel in the future. These initiatives will have a positive impact on peak hour ridership growth. Supporting the expected growth in ridership are planned parking expansion projects and the extension of the R3 Media/Elwyn Line to Wawa, Delaware County.

This project will be financed through an issuance of debt. Please refer to MPMS# 60275 for the programmed schedule of debt service payments which being in Fiscal Year 2011.

Obligated Prior Year Funding

\$45,497,000

This project may be suitable for ITS treatments.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
PUR	5309	29,600				
PUR	CB	6,167				
PUR	LOCAL	1,233				
PUR	5309		15,843			
PUR	5309		5,300			
PUR	CB		3,621			
PUR	CB		1,282			
PUR	LOCAL		43			
PUR	LOCAL		339			
Fiscal Year Total		37,000	26,428	0	0	0
			Total FY 09-12		63,428	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Transit Program

SEPTA

MPMS# 60651 *Regional Rail Substation Imp. Program*

AQ Code M6
 Not SOV Capacity
 Adding Subcorr(s):

Transit Improvements
 Various

This program provides for improvements to the traction power supply system for SEPTA's Regional Rail service. Critical components of the power system have far exceeded their useful life and are in need of replacement. In total, this program will provide for the replacement of sixteen substations over the next decade and half. The first three facilities to be addressed under this program are: 1) Replacement of 30th Street Switching Station (Sub 1-A) scheduled to advance to construction in late 2008; 2) Replacement of Callowhill Substation with new Fairmount Avenue Substation is progressing with completion scheduled for mid-2009, and 3) the Replacement of Jenkintown Substation is scheduled to commence in the mid-2008.

The 30th Street Switching Station is located in Amtrak's Penn Coach Yard. This Amtrak-owned facility distributes traction power to catenary circuits at Zoo Interlocking, Arsenal Interlocking, Powelton Avenue Yard, Suburban Station, and the Center City Commuter Tunnel. Electrical and structural equipment failures at this circa-1920's facility cause train service delays. A new switching station will be constructed within SEPTA's Powelton Yard.

Callowhill Substation is located on the former Reading Railroad Viaduct just south of the north portal of the Center City Commuter Rail Tunnel. The Jenkintown Substation is located just north of Jenkintown Station in Montgomery County. These 70 year old facilities are two of 12 autotransformer substations that transform the incoming traction power from 24,000 volts to 12,000 volts and distribute the power to Regional Rail Lines north of the Center City Commuter Tunnel. The power equipment at these substations is deteriorated and difficult to maintain. Failure of these substations and supporting power cables would have a significant impact on Regional Rail operations. The Callowhill Substation is being replaced with a new facility near the intersection of Fairmount Avenue and 9th Street in the City of Philadelphia. Autotransformers will be designed and installed outside of these new substations. In addition, new electrical components will be installed and modifications will be made to the existing power transmission feeder cables and their supporting structures. New substation facilities will house state-of-the-art circuit breakers, switchgears and control equipment.

The state-of-the-art controls and protection devices will provide a high level of maintainability and operational simplicity. As a result of this project, the traction power distribution network will be more reliable, rail service interruptions will be reduced, and Regional Rail customers will receive enhanced service quality.

Obligated Prior Year Funding

\$34,545,794

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	5307	4,000				
CON	5309	6,800				
CON	CB	1,417				
CON	CB	833				
CON	LOCAL	167				
CON	LOCAL	283				
ERC	5309		6,804			
ERC	CB		1,646			
ERC	LOCAL		55			
CON	5309			4,523		
CON	CB			942		
CON	LOCAL			189		
CON	5309				15,840	
CON	CB				3,300	
CON	LOCAL				660	
CON	5309					117,720
CON	CB					24,525

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Transit Program

SEPTA						
CON	LOCAL					
	Fiscal Year Total	13,500	8,505	5,654	19,800	4,905
				Total FY 09-12	47,459	147,150

Pennsylvania - Transit Program

SEPTA

MPMS# 60655 **Intermodal Facility Improvements (B)**

AQ Code 20200 in Bucks County
 Not SOV Capacity Transit Improvements
 Adding Subcorr(s): 4A, Various
 5I, 12A

Bucks County Intermodal Facilities project consists of improvements at SEPTA's Croydon and Levittown Stations. These stations are served by Bus Route 128 and the R7 Trenton Regional Rail line. The total average weekday ridership at Croydon Station is 562 trips. The total average weekday ridership at Levittown Station is 560 trips.

Estimated at \$17 million, improvements at Croydon station include: Construction of bus shelters, bus intermodal connection access and signage; ADA accessibility improvements including ramps and stairs to access a new sidewalk in the Cedar Ave. underpass; Installation of two 510-ft. high-level platforms with low-level extensions; New canopies, windscreens, and passenger amenities on the platforms; Highway and traffic signal work to realign the Cedar Avenue/Route 13 intersection; Parking improvements, including expansion of the existing inbound parking lot and construction of approximately 145 additional parking spaces on the outbound side of the station; and New lighting and landscaping and drainage improvements.

Parking expansion will take place at Croydon Station as part of the intermodal improvements. There are currently 139 parking spaces (68 SEPTA owned and 71 gravel) on the inbound side at Croydon Station. On the outbound side of Croydon, SEPTA is acquiring property to accommodate the new 145 space parking lot. SEPTA will use state and local funds to pay for the property acquisition. SEPTA anticipates that settlement on the properties will take place prior to the end of Calendar Year 2007. Proposed parking improvements will also result in an inbound lot with 54 SEPTA owned parking spaces. The loss of inbound parking spaces on the westbound side of Cedar Avenue is due to the realignment and reconfiguring of the Cedar Avenue/Route 13 intersection and signals, and the installation of new ramps and sidewalks. On the eastbound side of Cedar Avenue, parking spaces will be lost due to the new bus loop, installation of new ramps, sidewalks, and the new high level platform. Additionally, the existing gravel parking lot on the inbound side will be paved and reconfigured and will include a new driveway and sidewalk. Once improvements are complete, the total number of SEPTA owned parking spaces at Croydon Station will be 199.

Estimated at \$18 million, the Levittown Station includes improvements to the station building, replacement of pedestrian tunnel and improvements to parking area, which includes painting, lighting, and signage. With improved vehicular access to the station, there are also plans for locating a new bus stop within close proximity of the station building and reconfiguring the parking lot to accommodate bus access. These improvements will enhance intermodal connections between bus and rail and will encourage greater usage. The station contains 344 parking spaces.

\$8.5 million ARRA funds are for the R7 Croydon Regional Rail Station (\$8,500,000)

Additional funds for this project are programmed in MPMS# 77183, and may also be made available and drawn down from MPMS #70690.

Obligated Prior Year Funding

\$16,137,012

This project may be suitable for ITS treatments.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	5309ER	8,500				
CON	5309-B	1,500				
CON	CB	312				
CON	LOCAL	63				
Fiscal Year Total		10,375	0	0	0	0
			Total FY 09-12		10,375	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Transit Program

SEPTA

MPMS# 70690

Section 5309 Discretionary Bus Funds

AQ Code M8

Transit Improvements

Not SOV Capacity

Various

Adding Subcorr(s):

This line item provides for four projects to receive anticipated Section 5309 Discretionary Bus Funds. Funds will be programmed in individual projects at the appropriate time.

Bus Purchase Program - See MPMS#60286

Intermodal Facility Improvements in Bucks County - See MPMS #60655

Glenside and Jenkintown Intermodal Facilities - See MPMS #60540

Paoli Transportation Center- See MPMS #60574

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CAP	5309-B					
CAP	CB					
CAP	LOCAL					
CAP	5309-B		5,707			
CAP	CB		1,189			
CAP	LOCAL		238			
CAP	5309-B			5,554		
CAP	CB			1,157		
CAP	LOCAL			231		
CAP	5309-B				5,506	
CAP	CB				1,147	
CAP	LOCAL				229	
Fiscal Year Total		0	7,134	6,942	6,882	0
			Total FY 09-12		20,958	

Pennsylvania - Transit Program

SEPTA

MPMS# 70691 **SMART Stations Program**
 AQ Code M8 Improve passenger safety and security
 Not SOV Capacity Transit Improvements
 Adding Subcorr(s): Various
 2030 LRP ID: C

The project provides for improvements to passenger safety, security, communications and the station environment at Market-Frankford, Broad Street Subway and Subway/Surface Lines stations and will be implemented in 2 phases. The Smart Stations project combines improvements such as modern fire detection and reporting equipment; chemical and wet fire suppression systems in certain areas; security systems, including emergency lighting, intrusion and robbery alarms, CCTV surveillance; audio-visual public address system; emergency exits; platform emergency phones and expanded maintenance alarm systems. In addition, station lighting improvements will be undertaken at selected locations.

Estimated at \$32 million, Phase 1 includes 21 stations:

- Market-Frankford Line: 2nd, 11th, 15th, 34th, 40th, and 69th Street Stations
- Broad Street Line: Fern Rock, Olney, Erie, Susquehanna-Dauphin, Allegheny, Tasker-Morris, Snyder and Pattison Stations
- Subway-Surface Lines: 15th, 19th, 22nd, 33rd, 36th, 37th and 40th Street Stations

Estimated at \$58 million, Phase II includes 37 stations:

- Market-Frankford Line: Bridge-Pratt, Margaret-Orthodox, Church, Erie-Torresdale, Tioga, Allegheny, Somerset, Huntingdon, York-Dauphin, Berks, Girard, Spring Garden, 8th Street, 13th Street, 15th Street (cameras only), 30th Street, 46th Street, 52nd Street, 56th Street, 60th Street, 63rd Street and Millbourne Stations
- Broad Street Line: Logan, Wyoming, Hunting Park, North Philadelphia, Fairmount, Race-Vine, Walnut Locust, Lombard-South, Ellsworth-Federal, Oregon, Fairmount-Ridge, Chinatown-Ridge and 8th Street-Ridge Stations
- Subway-Surface Lines: Juniper and 30th Street Stations

Obligated Prior Year Funding

\$40,534,253

This project contains ITS elements.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	5307	8,800				
CON	5307	3,005				
CON	5309	2,358				
CON	CB	1,833				
CON	CB	491				
CON	CB	626				
CON	LOCAL	367				
CON	LOCAL	125				
CON	LOCAL	98				
CON	5307		10,160			
CON	1514		19			
CON	CB		2,458			
CON	LOCAL		1			
CON	LOCAL		82			
CON	5307			5,165		
CON	5309			1,770		
CON	CB			1,076		
CON	CB			369		
CON	LOCAL			74		
CON	LOCAL			215		
CON	5307				6,168	
CON	CB				1,285	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Transit Program

SEPTA						
CON	LOCAL				257	
Fiscal Year Total		17,703	12,720	8,669	7,710	0
Total FY 09-12					46,802	

MPMS# 73214 **Ardmore Transit Center**
 AQ Code 20100 Transit Improvements
 Lower Merion Township

Ardmore Transit Center - The Ardmore Station serves approximately 1,712 riders per weekday. Lower Merion Township received a TCDI grant from DVRPC to develop the Ardmore Transit Center Master Plan Report. The overall project will create a mixed-use intermodal transit district incorporating transportation and public improvements. The recommendations for the transit center include: building new intermodal transit facilities including bus and plaza facilities; signage; and constructing a pedestrian bridge to the transit center. An additional 167 parking spaces will be added, making a total of 362 spaces available.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
ERC	5309	5,405				
ERC	LOC	1,351				
Fiscal Year Total		6,756	0	0	0	0
Total FY 09-12					6,756	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Transit Program

SEPTA

MPMS# 77180

State of Good Repair

AQ Code M4

Not SOV Capacity

Adding Subcorr(s):

Transit Improvements

Various

This program is designed to bring transit and railroad facilities and vehicles to a state of good repair.

Projects include but are not limited to:

\$9.952 million 5307 ARRA is for Darby Transit Center (\$2,131,888) and the Rehabilitation of 5 Bridges (\$7,820,517)

\$2.549 million 5309 ARRA is for the R5 Regional Rail Signage (\$2,548,930)

Other projects include:

- Green Line Portals Roof Replacement (\$4 million)
- Cynwyd Access Project (\$4.1 million)
- BIV Car Control Box Replacement (\$12.9 million)
- Victory Garage Fueling Facility (\$7 million)
- Additional BSS Signal work (\$1.6 million)
- Escalator Program Phase VII (\$2.4 million)
- Escalator Program Phase VIII and IX (\$6.2 million)
- 1234 Market Street Improvements (\$1.1 million)
- Vehicle Washer Phase 3- NHSL and Frazer (\$1.5 million)
- Easton and Susquehanna Crossing (\$.8 million)
- Frankford Elevated Station 3rd Rail Relocation (\$1 million)
- CHW Bridge 0.35 Replacement (\$3.5 million)
- RRD Station Signage (\$2.1 million)
- Darby Bus Terminal Expansion and Reconstruction (\$2.8 million)
- Roof Replacement at Berridge Shop (\$5.5 million)
- Roof Replacement at Woodland Shop (\$5 million)

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CAP	5307ER	9,952				
CAP	5309ER	2,549				
CAP	1514	10,150				
CAP	LOCAL	350				
CAP	5307		2,560			
CAP	1514		11,600			
CAP	CB		619			
CAP	LOCAL		21			
CAP	LOCAL		400			
CAP	1514			10,150		
CAP	LOCAL			350		
CAP	1514				9,667	
CAP	LOCAL				333	
CAP	1514					33,737
CAP	LOCAL					1,163
Fiscal Year Total		23,001	15,200	10,500	10,000	34,900
			Total FY 09-12		58,701	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Transit Program

SEPTA

MPMS# 77183 *Transit and Regional Rail Station Program*

AQ Code M8 Stations
 Not SOV Capacity Transit Improvements
 Adding Subcorr(s): Various

This program provides for the reconstruction or rehabilitation of transit and regional rail stations and terminals, bus/trolley loop facilities, and transportation centers. Program elements include the total replacement of all station and loop facility components, as well as projects that significantly rehabilitate stations and loops, such as improvements to, or replacement of, station buildings, ticket offices and waiting rooms, passenger shelters, canopies, platforms, crosswalks and overpasses, escalators and elevators lighting, signage, and accessible paths and features. All improvements will fully comply with the Americans with Disabilities Act of 1990.

Projects include but are not limited to:

- \$1.573 million ARRA is for the R8 Fox Chase Regional Rail Station (\$1,573,179)
- R5 Wayne Station - \$19.3 million (Prior Years & FY 2010, 2011)
- Queen Lane/Allen Lane - \$17.1 million (Prior Years & FY 2010, 2011, 2012)
- Wayne Junction - \$25 million (Prior Years & FY 2011, 2012, & 2013)
- Croydon Station - \$17.5 million (Prior Years & FY 2009, 2010)
- Levittown Station - \$18.5 million (Prior Year & FY 2010, 2011, 2012)
- R5 Ambler Station - \$7 million (FY 2009 & 2010)
- R8 Olney Station (additional work) - \$2 million (FY 2009)
- BSS Logan Station - \$3.7 million (FY 2009, 2010)
- Frankford and Gregg Loop - \$1.3 million (FY 2009)
- R5 Villanova Station - \$8 million (FY 2009, 2010, 2011)
- R8 Ryers Station - \$3 million (FY 2010, 2011)
- R3 Hatboro Station - \$2.5 million (FY 2010, 2011)
- 8th Street Station - \$2.7 million (FY 2010, 2011)
- BSS Hunting Park Station - \$4.2 million (FY 2011, 2012, and Later Years)
- Bell Corner Loop - \$1.3 million (FY 2010)
- 33rd and Dauphin Loop - \$1.3 million (FY 2011)

Projects scheduled for FY12 and later years - R5 Exton Station - \$5 million; Primos Station - \$7 million; East Falls Station - \$8 million; R3 Willow Grove - \$2.5 million; Highland Avenue Station - \$5 million; 5th Street Station - \$10.5 million; BSS Wyoming - \$3.2 million; Wycombe Loop - \$1.3 million; Fern Rock Loop - \$1.3 million; and 61st and Pine Loop - \$1.3 million.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
ERC	5307ER	1,573				
ERC	1514	9,787				
ERC	LOCAL	338				
ERC	5307		1,840			
ERC	5309		3,938			
ERC	1514		32,383			
ERC	CB		953			
ERC	CB		445			
ERC	LOCAL		1,117			
ERC	LOCAL		15			
ERC	LOCAL		32			
ERC	5307			1,422		
ERC	5309			14,178		
ERC	CB			2,954		
ERC	1514			10,633		
ERC	CB			296		

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Transit Program

SEPTA						
ERC	LOCAL			59		
ERC	LOCAL			367		
ERC	LOCAL			591		
ERC	5309				8,800	
ERC	1514				10,150	
ERC	CB				1,833	
ERC	LOCAL				350	
ERC	LOCAL				367	
ERC	5309					34,560
ERC	CB					7,200
ERC	LOCAL					1,440
Fiscal Year Total		11,698	40,723	30,500	21,500	43,200
				Total FY 09-12	104,421	

MPMS# 77187 Shops, Yards & Support Facilities Renewal (ISRP)

AQ Code M4 Systemwide
 Not SOV Capacity Transit Improvements
 Adding Subcorr(s): Various

This program provides for the renovation, rehabilitation, or replacement of infrastructure and associated components of SEPTA's transit and railroad system.

Projects included as part of the shops, yards, & support facilities program are as follows:
 \$28,345,830 million ARRA is for Fern Rock Yard (\$18,903,649), Gwynedd Cut on the R5 Lansdale Line (\$4,279,981), and Overhaul Norristown Substation (\$5,162,200)

Substation Improvement Program (City Transit Division & Suburban Transit Division) - Pattison, Sansom, Ranstead and Castor; Substation Control Battery Replacement Program – Pattison and Castor; Install 6 Vacuum Breakers, Morton and Allen Lane; Compressor Replacement Program (Roberts Yard); Frequency Converter Replacement Program – between Vine Interlocking and Wayne Junction; Railroad Wireless Data Radio Project and Radio Narrowbanding Projects; Railroad Air Line Replacement Program; Powelton Yard Switch Renewal - Phase 3.

See companion projects, MPMS #'s 60585 and 77190

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
ERC	5309ER	28,346				
ERC	CB	5,000				
ERC	CB		5,000			
ERC	CB			5,000		
ERC	CB				5,000	
ERC	CB					5,000
Fiscal Year Total		33,346	5,000	5,000	5,000	5,000
				Total FY 09-12	48,346	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Transit Program

SEPTA

MPMS# 77190 **Station and Loop Renewal (ISRP)**

AQ Code M8 Systemwide
 Not SOV Capacity Transit Improvements
 Adding Subcorr(s): Various

This program provides for the renovation, rehabilitation, or replacement of infrastructure and associated components of SEPTA's transit and railroad system.

Projects included in the Station and Loop Renewal program are as follows:

\$12,035,931 million 5307ER ARRA is for RRD Station and Painting Improvements on R8 Chesnut Hill West Line (\$2,397,169), 69th Street Restrooms (\$689,031), Roof Replacements- R5 Lansdale, R2 Warminster, R5 Glenside (\$831,994), R5 North Wales Station Renovation (\$1,080,664), R8 Tulpehocken Station (\$1,421,216), R3 Philmont Station (\$1,385,420), Langhorne Station (\$2,319,174) and, Stations Buildings at Morton, Folcroft, and Clifton-Aldan (\$1,911,263)

\$5,742,000 million 5309ER ARRA is for the R1 Airport Line ROW fencing (\$2,623,818), Chestnut Hill East Stations (\$1,903,760), Chestnut Hill West Retaining Walls (\$683,700), and Station Buildings at Morton, Folcroft, and Clifton-Aldan (\$706,501).

West Trenton Line Station Improvements (Neshaminy Falls and Langhorne Stations); Stairway Renewal Program (Media/Elwyn Line - Angora and 49th Street Stations, Chestnut Hill West Line – St. Martins Station; Station Canopy / Shelter Improvements Program – Cornwells Heights and Colmar Stations; Platform Improvements Program (Cornwells Heights Station); CCTV Program - 30th St.; Inter Track Fencing Program (Chestnut Hill East Line Germantown Station and Media/Elwyn Line Angora Station); Suburban Station Fire System Improvements Program; Wilmington Line Station Improvements; Renewal of Market East Fans; Airport Line ROW Fencing; Station Entrance Improvement Program; Station and Tunnel Lighting; Vent Well and Emergency Exit Program; Route 101/102 Station Improvements; Garage Shop Improvements; Green Line Improvements Project; Compressed Air Modification Program; Fall Arrest Program; 8th & Market on Ridge Station Renewal Project; 69th St. Platforms; New 69th St. Police Headquarters; Communication Room Improvements; Station and Passenger Gate Upgrade Program - Location TBD; Roof Replacement Program – Warminster Station.

See companion projects, MPMS #'s 60585 and 77187

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
ERC	5307ER	12,193				
ERC	5309ER	5,742				
ERC	CB	4,000				
ERC	CB		4,000			
ERC	CB			4,000		
ERC	CB				4,000	
ERC	CB					4,000
Fiscal Year Total		21,935	4,000	4,000	4,000	4,000
			Total FY 09-12		33,935	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Transit Program

SEPTA

MPMS# 84639 *Exton Station Parking Expansion*

AQ Code 20200 Transit Improvements

PADOT is undertaking the reconstruction of the US Route 202, Section 300, between Route 30 and Swedesford Road. The FHWA/PADOT funding for Congestion Mitigation Strategies will provide partial funding to expand parking at Exton Station to help relieve traffic congestion during construction.

Current parking capacity at Exton Station totals 513 spaces. This amount includes 397 SEPTA-owned and 116 spaces leased from PADOT. The project involves the reconfiguration and repaving of the existing 99 parking spaces at the outbound parking facilities of the station and the addition of 170 parking spaces. The work includes site clearing and demolition, earthwork, erosion control, storm drainage, lighting, paving, striping and landscaping. Upon completion of this project, the total parking capacity at Exton Station will be 683 spaces.

To facilitate the parking expansion, property has been leased from Norfolk-Southern and Amtrak. Also, an overhead signal and communications line suspended from wooden utility poles will be relocated.

Also see MPMS# 60540.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
ERC	1514		989			
ERC	LOCAL		34			
Fiscal Year Total		0	1,023	0	0	0
		Total FY 09-12		1,023		

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Transit Program

SEPTA

MPMS# 84640 *Gwynedd Valley Station Parking*

AQ Code 20200 Transit Improvements

This project provides for property acquisition and the design and construction of a parking facility at the R5 Gwynedd Valley Station. The proposed new parking lot will accommodate approximately 60 parking spaces. The land to be acquired for the project is located across Plymouth Road on the outbound side of the tracks. This land was previously leased by SEPTA and used as a gravel parking lot. The property lease has expired, and the owner has expressed interest in selling the land. An easement agreement with an adjacent property owner will also be required for access to the proposed parking facility. Improvements to the site includes the demolition of an existing wood shed, construction of concrete curbs and walkways, paving and striping of the parking area, storm water management, lighting, landscaping and signage.

The existing parking facility at the station, which contains 118 spaces, is filled to capacity on weekdays. The proposed facility will increase the parking capacity to approximately 178 spaces.

Also see MPMS# 60540.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
ERC	1514	677				
ERC	LOCAL	23				
ERC	1514		677			
ERC	LOCAL		23			
ERC	1514			566		
ERC	LOCAL			20		
Fiscal Year Total		700	700	586	0	0
				Total FY 09-12	1,986	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Transit Program

SEPTA

MPMS# 84642 *Jenkintown Parking Garage*

AQ Code 20200 Transit Improvements

The Jenkintown Station is served by SEPTA's Suburban Bus Route 77 and SEPTA's R1, R2, R3, and R5 Regional Rail Lines. The feasibility study performed by the Hiller Group, in conjunction with Cheltenham Township, Borough of Jenkintown, Montgomery County Planning Commission, Delaware Valley Regional Planning Commission and SEPTA, included the design and construction of a multi-level 700 space parking garage at Jenkintown Station. The existing 543 parking lot is currently at capacity, and cannot be expanded further due to physical constraints of the site. Most parking spaces are filled by early morning by the commuter transit passengers, leaving little or no parking spaces for other passengers. The additional parking between bus and rail will encourage greater usage of public transportation. Jenkintown Station is spanned by the Greenwood Avenue Bridge, which is scheduled for replacement by PennDOT. SEPTA's proposed construction of a parking garage and platform reconstruction work will be done in conjunction with the replacement of the Greenwood Avenue Bridge by PennDOT. SEPTA has obligated SAFETEA-LU earmarks to advance the design phase of the parking garage. In addition to the parking garage, SEPTA will be installing a new high level platform at Jenkintown Station, beginning at the station canopies, moving southbound to where the new parking garage will be located.

Also see MPMS# 60540.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
ERC	5309-B		1,129			
ERC	1514		2,320			
ERC	CB		235			
ERC	LOCAL		80			
ERC	LOCAL		47			
ERC	5307			2,300		
ERC	1514			4,057		
ERC	CB			479		
ERC	LOCAL			140		
ERC	LOCAL			95		
ERC	5309				9,007	
ERC	CB				1,877	
ERC	1514				2,047	
ERC	LOCAL				375	
ERC	LOCAL				74	
ERC	5309					4,560
ERC	1514					11,185
ERC	CB					950
ERC	LOCAL					385
ERC	LOCAL					190
ERC	5307					2,662
ERC	CB					555
ERC	LOCAL					111
Fiscal Year Total		0	3,811	7,071	13,380	20,598
			Total FY 09-12		24,262	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Transit Program

SEPTA

MPMS# 84643 *Malvern Station and Pedestrian Tunnel Improvements*

AQ Code 20200
Transit Improvements

This project consists of the construction of a new pedestrian underpass with concrete steps on the inbound and outbound sides, new lighting, intertrack fencing, and related exterior improvements at the Malvern Station, including expansion and improvements to the existing parking lot. All work will be completed in accordance with ADA requirements.

\$12.475 million 5309ER ARRA is for Malvern Station Improvements. (\$12,475,988)

Also see MPMS# 60540

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
ERC	5309ER	12,476				
Fiscal Year Total		12,476	0	0	0	0
		Total FY 09-12		12,476		

MPMS# 84645 *Penllyn Station Parking Expansion*

AQ Code 20200
Not SOV Capacity
Adding Subcorr(s): 7g,
14c
Transit Improvements

This project provides for property acquisition and the design and construction of a parking facility at the R5 Penllyn Station. The proposed new parking lot will accommodate approximately 30 parking spaces. The land to be acquired for the project is adjacent to the outbound station platform. Improvements to the site include the demolition of existing structures, construction of concrete curbs and walkways, paving and striping of the parking area, storm water management, landscaping, lighting and signage.

The existing parking facility at the station, which contains 43 spaces, is filled to capacity on weekdays. The proposed facility will increase the parking capacity to approximately 73 spaces. Per SEPTA's 2007 Ridership Survey, 174 customers are boarding at this location on weekdays.

Also see MPMS# 60540.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
ERC	1514	290				
ERC	LOCAL	10				
ERC	1514		290			
ERC	LOCAL		10			
ERC	1514			449		
ERC	LOCAL			15		
Fiscal Year Total		300	300	464	0	0
		Total FY 09-12		1,064		

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Transit Program

SEPTA

MPMS# 84647 *Philmont Station Parking Expansion*

AQ Code 20200 Transit Improvements

This project provides for property acquisition and the design and construction of a parking facility at the R3 Philmont Station. The proposed new parking lot will accommodate approximately 130 parking spaces. The two parcels of land to be acquired for the project are adjacent to the existing parking lot on the inbound side of the station. Improvements to the site include the demolition of existing structures (if required), construction of concrete curbs and walkways, paving and striping of the parking area, storm water management, landscaping, lighting and signage.

The existing parking facilities at the station, which contain 414 spaces, are filled to capacity on weekdays. The proposed facility will increase the parking capacity to approximately 544 spaces.

Also see MPMS# 60540

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
ERC	1514	559				
ERC	LOCAL	19				
ERC	1514		483			
ERC	LOCAL		17			
ERC	1514			412		
ERC	LOCAL			14		
ERC	1514				387	
ERC	LOCAL				10	
ERC	1514					4,186
ERC	LOCAL					144
Fiscal Year Total		578	500	426	397	4,330
			Total FY 09-12		1,901	

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Transit Program

SEPTA

MPMS# 87176 **Upper Darby Market St. Elevated Parking Facility**

AQ Code 20200 West Chester Pike and Bywood Road
 Transit Improvements
 Upper Darby Township

Project will provide a 325 space parking facility at the corner of Market Street and Chatham Road at the 69th Street Terminal complex which has a SEPTA surface parking lot with 183 spaces. SEPTA will be the main project sponsor.

This project received both Transit and Highway earmarks as part of SAFETEA-LU. Funds will be flexed to FTA (PA-55-0005).

This project accounts for the FTA Earmarks
 See MPMS# 74799 (FHWA funds)

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
ENG	5309-B	803				
ENG	LOCAL	201				
CON	5309-B		2,171			
CON	LOCAL		543			
Fiscal Year Total		1,004	2,714	0	0	0
			Total FY 09-12		3,718	

MPMS# 90600 **SEPTA Reserve Line Item**

AQ Code NRS Transit Improvements

SEPTA's line item to be used for the balancing of transit funds.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
ERC	CB			5,026		
ERC	LOCAL			1,006		
Fiscal Year Total		0	0	6,032	0	0
			Total FY 09-12		6,032	

Total for SEPTA	637,928	457,581	444,181	470,816	1,085,839
		Total FY 09-12	2,010,506		

DVRPC FY 2009-2012 TIP for PA

Final Version

Pennsylvania - Transit Program

Various

MPMS# 84665 *Phila. Unemployment Project (PUP) Van Pool (JARC)*
 AQ Code NRS Job Access and Reverse Commute
 Transit Improvements

As part of the Job Access and Reverse Commute (JARC) program, this project is intended to support transportation services to connect welfare recipients and other transit dependents to jobs and related employment activities. The Philadelphia Unemployment Project (PUP) will purchase capital equipment to provide van pool service for city residents to suburban jobs. Collaboration with a local car sharing operation will allow PUP to obtain maintenance services in exchange for Philly CarShare's use of the vehicles during non-commuting hours.

FTA Earmark/(E-2005-JARC-071) - \$1.487 million/no available balance
 PA DOL (STATE) - \$250,000
 Employers contribution - \$20,000
 New Wave Resources - \$16,000 - In kind

This project accounts for the FTA Earmark
 See MPMS# 73986 (FHWA funds)

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CAP	3037	286				
CAP	CB	250				
CAP	LOCAL	36				
Fiscal Year Total		572	0	0	0	0
			Total FY 09-12		572	

Total for Various	572	0	0	0	0
		Total FY 09-12		572	

**DVRPC FY 2009
Transportation Improvement Program
for Pennsylvania**

**Pennsylvania
Interstate Management Program**



Delaware Valley Regional Planning Commission

**Figure 6:
FY2009 - 2012 Interstate Management Program
funding in the DVRPC Region**

By County

County/Operator	2009	2010	2011	2012	2009-2012	Later FYs
<i>Montgomery</i>	20,000	20,000	0	0	40,000	0
<i>Philadelphia</i>	10,000	21,000	45,000	45,000	121,000	0
<i>Various</i>	34,373	12,000	91,190	117,521	255,084	0
						0
TOTAL	64,373	53,000	136,190	162,521	416,084	0
GRAND TOTAL	64,373	53,000	136,190	162,521	416,084	0

By Fund Type

TIP Fund	2009	2010	2011	2012	2009-2012	Later FYs
<i>BND</i>	0	12,000	0	0	12,000	0
<i>BRIDGE</i>	16,200	17,100	90,171	105,769	229,240	0
<i>B-STATE</i>	1,800	1,900	10,019	11,752	25,471	0
<i>DEMO</i>	34,373	0	0	0	34,373	0
<i>H-STATE</i>	1,200	3,100	3,600	3,600	11,500	0
<i>HWY</i>	10,800	18,900	32,400	41,400	103,500	0
TOTAL	64,373	53,000	136,190	162,521	416,084	0
GRAND TOTAL	64,373	53,000	136,190	162,521	416,084	0

I-95 Reconstruction Project "Roadmap"

Investment of more than \$2 billion will provide for the repair, reconstruction and restoration of I-95, a major facility built in the 1960's which runs through Bucks, Philadelphia, and Delaware Counties in the DVRPC region. The reconstruction of I-95 has been broken out to over 20 separate MPMS#'s, some of which appear in the Statewide Interstate Management Program (IMP) which is strictly for reconstruction components, some which appear in the DVRPC Regional TIP, and most which will occur in Later Fiscal Years and are yet to be programmed.

DESIGN ONLY PROJECTS *

17821 GIR	Design for GIR0 - GR5 (\$20M SPIKE)	\$39,000,000
46959 I-95	Design Support Services, "A" Sections (DEMO)	\$11,000,000

CONSTRUCTION ESTIMATES OF I-95 FROM GIRARD POINT NORTH TO COTTMAN

AVENUE INTERCHANGE

73864 MS3	I-95: Girard Pt - Girard Ave	\$12,000,000
82619 MB1	I-95 Bridge Repairs	\$9,000,000
80094 GR0	Temp I-95 Off-Ramp	\$8,000,000
79686 GR1	I-95: Columbia - Ann	\$76,000,000
79825 GR2	I-95: Shackamaxon-Columbia	\$10,849,000
GR2	I-95: Shackamaxon-Columbia	\$28,551,000
79683 CP1	Cottman-Princeton Local/Str/Rmp	\$30,500,000
80014 CPU	I-95 Utility Rlc/Srf Strts	\$24,000,000
79685 CP2	Cottman-Princeton Main Line/Rmp	\$179,000,000
47812 BRI	I-95 Betsy Ross Interchange	\$36,000,000
79826 GR3	I-95 N: Columbia-Ann St North	\$252,500,000
79911 AF1	I-95: Allegheny Ave Interchange	\$108,000,000
79903 BR0	I-95: Betsy Ross Bridge Ramps	\$136,625,000
79912 AF2	I-95: Allegheny Ave Interchange	\$77,000,000
79827 BS1	I-95 N: Bridge Street Interchange	\$105,000,000
79908 GR4	I-95 S: Columbia - AnnSt N	\$275,700,000
79910 BR2	I-95 N: Betsy Ross Interchange	\$81,420,000
79904 BS2	I-95 S: Bridge Street Interchange	\$197,100,000
79905 BR3	I-95 S: Betsy Ross Interchange	\$81,305,000
79828 GR5	I-95: Race - Shackamaxon	\$242,300,000
SUBTOTAL CONSTRUCTION ESTIMATE		\$1,970,850,000

	No shading denotes projects which were previously programmed
	Green shading denotes projects currently programmed in the DVRPC Regional TIP
	Yellow shading denotes projects currently programmed in the statewide IMP
	Gray Shading denotes projects not yet programmed.

Section Original Original Section Location and Name MPMS# Breakout Sections

GIR	17821	Girard Interchange Ramps: GR0, GR1, GR2, GR3, GR4, GR5
CPR	47394	Cottman-Princeton Interchange: CP1, CPU, CP2
AFC	47813	Ann Street-Frankford Creek: AF1, AF2
BRI	47812	Betsy Ross Interchange: BR0, BR2, BR3
BSR	47811	Bridge Street Ramps: BS1, BS2

*Note:

Engineering design work for individual breakout projects of Sections CPR, AFC, BRI, and BSR are included in each individual breakout. Those design costs are not reflected here.

OTHER

15477	I-95/US 322 Interchange	\$100,000,000
46948	I-95 at Street Road - Study	DONE
84226	I-95 Bridge Interstate Line Item	IMP Line Item

DVRPC FY 2009-2012 TIP for PA

Pennsylvania - Interstate Management Program

Final Version

Montgomery

MPMS# 16737 **I-476 Reconstruction, Chemical Rd. to I-76 (RES)**
 AQ Code S10 Chemical Rd. to I-76, Schuylkill Exp.
 Not SOV Capacity Roadway Rehabilitation
 Adding Subcorr(s): 2B, Lower Merion Township; Plymouth Township; West Conshohocken Borough
 2C
 2030 LRP ID: 06

This project (Section RES) involves the design and total reconstruction of the northbound and southbound lanes of I-476 between I-76 (the Schuylkill Expressway) and I-276 (the Pennsylvania Turnpike Mid-County Interchange), a distance of 3.5 miles.

No additional travel lanes will be provided and widening will be limited to increasing shoulder widths to meet current standards. Included with the project is the removal and replacement of the existing pavement, sinkhole remediation, extending acceleration and deceleration ramp lengths, drainage and guide rail upgrades, and the deployment of additional ITS devices and communications equipment. The project includes the structural rehabilitation of 9 bridges: eight dual mainline structures and one overhead bridge. The mainline bridges will not be widened.

Construction costs for this project includes the Schuylkill River bridge rehabilitation. Also see MPMS #80479 in the DVRPC Regional TIP. Total roadway construction estimate is \$112 million.

This project contains ITS elements.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	IM	9,000				
CON	BOO	9,000				
CON	185	1,000				
CON	581	1,000				
CON	BOO		9,000			
CON	IM		9,000			
CON	581		1,000			
CON	185		1,000			
Fiscal Year Total		20,000	20,000	0	0	0
		Total FY 09-12			40,000	

Total for Montgomery	20,000	20,000	0	0	0
Total FY 09-12				40,000	

DVRPC FY 2009-2012 TIP for PA

Pennsylvania - Interstate Management Program

Final Version

Philadelphia

MPMS# 17783 **Schuylkill Expressway Bridges (Sec. PBP)**
 AQ Code S19 over River & Viaduct, Approx South-Grays
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): 3A, West Philadelphia
 10A

This project (Section PBP) provides for the rehabilitation and repair of the existing 25-span steel structure of I-76 that crosses over the Schuylkill River, CSX Railroad, Grays Ferry Ave, 33rd Street and Wharton Street (roughly between South Street and just south of Grays Ferry Avenue). The bridge has a 4 lane typical roadway section with 2 lanes in each direction separated by a 4-foot median. Work will include structural repairs to deck joints, scuppers and downspouts; repair/replacement of deteriorated structural steel members; repainting; replacement of portions of the safety walk and parapets; bridge deck repair; and overlay.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	BOO	7,200				
CON	IM	1,800				
CON	185	800				
CON	581	200				
Fiscal Year Total		10,000	0	0	0	0
			Total FY 09-12		10,000	

DVRPC FY 2009-2012 TIP for PA

Pennsylvania - Interstate Management Program

Final Version

Philadelphia

MPMS# 47812 **I-95, Betsy Ross Interchange (BRI)**
 AQ Code 2020M Wheatsheaf Lane to Orthodox St.
 Major SOV Capacity Roadway New Capacity
 Subcorr(s): 4B Philadelphia City
 2030 LRP ID: 08; 08; 65;
 65

This Section BRI project will reconstruct 9 bridges and 1.1 mile of roadway. Eliminate lane drop (from 3 to 4) in both directions between interchanges. The Aramingo Avenue/Betsy Ross Interchange will be reconfigured to realign the planned Adams Avenue Connector to intersect Aramingo Ave. adjacent to the Frankford Creek Bridge and to accommodate increased traffic volumes from the consolidation of the Bridge Street Interchange. New Ramp connections between the Betsy Ross Bridge and the interchange will be constructed. A new north-bound off-ramp movement to Aramingo Avenue via Orthodox Street is planned.

The project will require widening of the northbound lanes of Aramingo Avenue from Orthodox Street to Tacony Street along I-95 right of way.

CMP commitments include intersection, ITS, pedestrian and transit improvements. See DVRPC's CMP 2007 Supplemental Project Status Memorandum for details.

Investment of more than \$2 billion will provide for the repair, reconstruction and restoration of I-95, a major facility built in the 1960's which runs through Bucks, Philadelphia, and Delaware Counties in the DVRPC region. This project is integral to the Delaware Valley Freight Corridors Initiative. The reconstruction of I-95 has been broken out to over 20 separate MPMS#'s, some of which appear in the Interstate Management Program which is strictly for reconstruction components, some which appear in the DVRPC Regional TIP, and most which will occur in Later Fiscal Years and are yet to be programmed. See MPMS #'s 17821, 47812, 82619, 80094, 79686, 79825, 79683, 80014, and 84226.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	IM				32,400	
CON	581				3,600	
Fiscal Year Total		0	0	0	36,000	0
		Total FY 09-12			36,000	

DVRPC FY 2009-2012 TIP for PA

Pennsylvania - Interstate Management Program

Final Version

Philadelphia

MPMS# 50931 **I-76 / US 1 (Bridges) (Sec. GUS)**
 AQ Code S19 Gustine Lake Interchange
 Bridge Repair/Replacement
 Philadelphia City

This project (Section GUS) will provide for the replacement of 5 structures that form a series of loop ramps and bridges known as the Gustine Lake Interchange which carries and connects several avenues and drives to each other and to the nearby Schuylkill Expressway (Interstate 76) and the Roosevelt Expressway (U.S. Route 1), both located on the opposite side of the Schuylkill Rive.

Bridge No. 1 SR 8045 (Ramps G and N over Kelly Drive); Bridge No. 2 SR 4006 (Ramp F over Kelly Drive); Bridge No. 3 SR 4006 (Ramp F over Ridge Avenue); Bridge No. 4 SR 3007 (Kelly Drive over Ridge Avenue); and Bridge No. 5 SR 8045 (Ramp C over Ramp H).

The interchange is located within the boundaries of Fairmount Park. Located within the infield of the interchange is the Gustine Lake pumping station, owned and operated by the City of Philadelphia Water Department. Specific structures to be replaced are: Bridge No. 1 SR 8045 (Ramps G and N over Kelly Drive); Bridge No. 2 SR 4006 (Ramp F over Kelly Drive); Bridge No. 3 SR 4006 (Ramp F over Ridge Avenue); Bridge No. 4 SR 3007 (Kelly Drive over Ridge Avenue); and Bridge No. 5 SR 8045 (Ramp C over Ramp H).will provide for the in kind replacement of five bridges.

This project is integral to the Delaware Valley Freight Corridors Initiative.

Under construction

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	ECON-R	9,900				
CON	BOO		6,560			
CON	BOO			1,539		
Fiscal Year Total		9,900	6,560	1,539	0	0
			Total FY 09-12		17,999	

DVRPC FY 2009-2012 TIP for PA

Pennsylvania - Interstate Management Program

Final Version

Philadelphia

MPMS# 79683 **Cottman-Princeton Local St Ramp (CP1)**

AQ Code 2020M City of Philadelphia
 Major SOV Capacity Roadway New Capacity
 Subcorr(s): 4B, 5G Philadelphia City

The project is surface streets, several ramps, and utility relocations. Ramp work includes: Ramp E (SB on-ramp at Longshore Avenue); Ramp C (NB on-ramp at Princeton Avenue); Ramp C Spur from Milnor Street; and Ramp A (SB on-ramp at Princeton Avenue) removal. Surface street work includes; widening and reconstruction of Cottman Avenue (existing S.R. 6073, proposed S.R. 73); widening and reconstruction of State Road (existing S.R. 6073, proposed S.R. 73), rehabilitating Princeton Avenue (existing S.R. 73, proposed S.R. 1010) including the installation of intersection traffic calming "bump-outs", rehabilitating "Old" State Road (between New State Rd and Longshore Avenue); surface street installation of improved ITS features, and traffic signal construction and/or timing modifications at 13 locations.

This project is a breakout of MPMS# 47394 (CPR)

Investment of more than \$2 billion will provide for the repair, reconstruction and restoration of I-95, a major facility built in the 1960's which runs through Bucks, Philadelphia, and Delaware Counties in the DVRPC region. This project is integral to the Delaware Valley Freight Corridors Initiative. The reconstruction of I-95 has been broken out to over 20 separate MPMS#'s, some of which appear in the Interstate Management Program which is strictly for reconstruction components, some which appear in the DVRPC Regional TIP, and most which will occur in Later Fiscal Years and are yet to be programmed. See MPMS #'s 17821, 47812, 82619, 80094, 79686, 79825, 79683, 80014, and 84226.

This project contains ITS elements.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	IM		9,000			
CON	581		1,000			
CON	IM			18,000		
CON	581			2,000		
Fiscal Year Total		0	10,000	20,000	0	0
		Total FY 09-12			30,000	

DVRPC FY 2009-2012 TIP for PA

Pennsylvania - Interstate Management Program

Final Version

Philadelphia

MPMS# 80014 ***I-95, Utility Relocation & Surface Sts (CPU)***

AQ Code 2020M City of Philadelphia
 Not SOV Capacity Roadway Rehabilitation
 Adding Subcorr(s): 4B, Philadelphia City
 5G, 5H

Roadway reconstruction and utility relocation. Associated roadway work includes pavement reconstruction on: Milnor Street (between New State Road and Bleigh Ave.) and Bleigh Ave. (between Milnor Street and State Road). Additional construction includes 2 retaining walls and traffic signal construction and/or timing modifications at 4 locations.

CMP commitments include intersection, ITS, pedestrian and transit improvements. See DVRPC's CMP 2007 Supplemental Project Status Memorandum for details.

This project is a breakout of I-95 Section CPR (Cottman- Princeton Interchange, original MPMS #47394).

Investment of more than \$2 billion will provide for the repair, reconstruction and restoration of I-95, a major facility built in the 1960's which runs through Bucks, Philadelphia, and Delaware Counties in the DVRPC region. This project is integral to the Delaware Valley Freight Corridors Initiative. The reconstruction of I-95 has been broken out to over 20 separate MPMS#'s, some of which appear in the Interstate Management Program which is strictly for reconstruction components, some which appear in the DVRPC Regional TIP, and most which will occur in Later Fiscal Years and are yet to be programmed. See MPMS #'s 17821, 47812, 82619, 80094, 79686, 79825, 79683, 80014, and 84226.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
UTL	IM		900			
UTL	581		100			
CON	581		1,000			
CON	IM			14,400		
CON	581			1,600		
CON	IM				9,000	
Fiscal Year Total		0	2,000	16,000	9,000	0
			Total FY 09-12		27,000	

DVRPC FY 2009-2012 TIP for PA

Pennsylvania - Interstate Management Program

Final Version

Philadelphia

MPMS# 86046 **Girard Point Bridge Rehabilitation and Preservatio**
 AQ Code S19 City of Philadelphia
 Bridge Repair/Replacement
 Philadelphia City

The Girard Point Bridge carries I-95, a major artery linking the City of Philadelphia to Philadelphia International Airport, the southern suburbs, and other Mid-Atlantic States, over the Schuylkill River.

The purpose of the project to provide continued safe passage over the Schuylkill River for vehicles traveling on I-95 by repairing existing deficiencies and preventing future problems with maintenance work. Maintenance repair activities to include: painting structural steel, modifications to steel to prevent problems, floor beam modifications, bearing modifications, expansion joint modifications, and deck overlay. Coordination with the railroad companies will be necessary for overhead activities.

The limits of work are focused on the 3 spans over the river and adjacent truss spans that can be incorporated in the construction budget and Maintenance of Traffic.

This project does not involve design changes appropriate for context sensitive design or smart transportation strategies.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	ECON-R	66,000				
Fiscal Year Total		66,000	0	0	0	0
			Total FY 09-12		66,000	

Total for Philadelphia	85,900	18,560	37,539	45,000	0
		Total FY 09-12		186,999	

DVRPC FY 2009-2012 TIP for PA

Pennsylvania - Interstate Management Program

Final Version

Various

MPMS# 84226 ***I-95 Bridge Interstate Line Item***
 AQ Code S19 I-95 Corridor
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): 4A, Various
 4B, 4C, 4D

This line item provides funding for repair or replacement of structurally deficient bridge structures located within the limits of the I-95 reconstruction project.

Investment of more than \$2 billion will provide for the repair, reconstruction and restoration of I-95, a major facility built in the 1960's which runs through Bucks, Philadelphia, and Delaware Counties in the DVRPC region. This project is integral to the Delaware Valley Freight Corridors Initiative. The reconstruction of I-95 has been broken out to over 20 separate MPMS#'s, some of which appear in the Interstate Management Program which is strictly for reconstruction components, some which appear in the DVRPC Regional TIP, and most which will occur in Later Fiscal Years and are yet to be programmed. See MPMS #'s 17821, 47812, 82619, 80094, 79686, 79825, 79683, 80014, and 84226.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	SXF	18,373				
CON	BND		8,000			
CON	BOO			82,071		
CON	185			9,119		
CON	BOO				105,769	
CON	185				11,752	
Fiscal Year Total		18,373	8,000	91,190	117,521	0
				Total FY 09-12	235,084	

MPMS# 84528 ***I-95 Bridge Repair - Part 2 (MB2)***
 AQ Code S19 Various
 Not SOV Capacity Bridge Repair/Replacement
 Adding Subcorr(s): 4a, Various
 4b, 4c, 4d

This project provides for the advance action repair needed for close to 100 structures on I-95 and its ramps between the Delaware State line to the South and the Delaware River to the North. These improvements will extend the life of the I-95 structures for 10-20 years until the major reconstruction projects are able to advance. The work has been broken out to 2 contracts for construction management purposes: Section MB 1 (MPMS #82619) covers 40 structures; Section MB 2 (MPMS #84528) covers 54 structures. Work includes bridge inspections and ratings, development of final repair plans, assembly of contract documents, and construction consultation of the repair of structures.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY2009	FY2010	FY2011	FY2012	
CON	SXF	16,000				
CON	BND	4,000				
Fiscal Year Total		20,000	0	0	0	0
				Total FY 09-12	20,000	

DVRPC FY 2009-2012 TIP for PA

Pennsylvania - Interstate Management Program

Final Version

Various					
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Total for Various	38,373	8,000	91,190	117,521	0
		Total FY 09-12	255,084		
