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**FY 2003-2006**  
**Transportation Improvement Program**  
**Pennsylvania Subregion**

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**Final Version**



**Delaware Valley Regional Planning Commission**

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**FY 2003-2006**  
**Transportation Improvement Program**  
**Pennsylvania Subregion**

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**Highway Projects**  
**Final Version**



**Delaware Valley Regional Planning Commission**

# DVRPC FY 2003-2006 TIP for PA

Final Version

## Pennsylvania - Highway Program

### Bucks

**MPMS# 12782**      **PA 263, York Road Center Turn Lane**  
 TIP# 5759              Cty Line Rd/ Henry Ave & Roberts/Bristol  
                                  Roadway and Intersection Improvement  
 AQ Code 2015M      Warminster Twp.

Provide center left turn lane areas and/or median barriers on Old York Road between County Line Road & Henry Ave. and also between Roberts Road & Bristol Road

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
FD	LOCAL	200				
ROW	LOCAL		150			
CON	TBD					2,700
Fiscal Year Total		<b>200</b>	<b>150</b>	<b>0</b>	<b>0</b>	<b>2,700</b>
		<b>Total FY 03-06 Cost</b>			<b>350</b>	

**MPMS# 12871**      **PA 413, New Rodgers Road**  
 TIP# 5020              US 13 (Bristol Pike) - North of Ford Rd.  
                                  Widen to 4 lanes  
 AQ Code 2005M      Bristol Twp., Bristol Boro.

This project involves reconstructing the PA 413/US 13 intersection with jughandles, widening to 5 lanes between US 13 and the I-95 Spur, and widening to 4 lanes between the I-95 Spur and Ford Road.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
CON	HWY	2,240				
CON	DEMO	1,915				
CON	H-STATE	1,039				
CON	HWY		2,720			
CON	H-STATE		680			
Fiscal Year Total		<b>5,194</b>	<b>3,400</b>	<b>0</b>	<b>0</b>	<b>0</b>
		<b>Total FY 03-06 Cost</b>			<b>8,594</b>	

**MPMS# 12890**      **Newtown Bypass Extension**  
 TIP#                      Roadway Reconstruction  
 AQ Code

Trenton Urban Area STU Funds(\$588,000) used for project closeout.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
CON	H-STATE		104			
CON	LOCAL		588			
Fiscal Year Total		<b>0</b>	<b>692</b>	<b>0</b>	<b>0</b>	<b>0</b>
		<b>Total FY 03-06 Cost</b>			<b>692</b>	

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## Pennsylvania - Highway Program

### Bucks

**MPMS# 12923**      **Bristol Road Extension**  
 TIP# 5732            US 202 to Park Avenue  
                           Two Lane Extension  
 AQ Code 2015M      Chalfont Boro., New Britain Boro., New Britain Twp.

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.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
PE	HWY		520			
PE	H-STATE		130			
FD	HWY			800		
FD	H-STATE			200		
CON	TBD					3,390
Fiscal Year Total		0	650	1,000	0	3,390
			Total FY 03-06 Cost		1,650	

**MPMS# 12942**      **Callowhill Road (Bridge)**  
 TIP# 5560            Over North Branch of Neshaminy Creek  
                           Bridge Replacement  
 AQ Code X            New Britain Twp.

Replace the existing two lane, 20' wide bridge and eliminate a dip in the roadway by raising the base. The new structure will have two 13' lanes with 4' shoulders.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
CON	BRIDGE			1,600		
CON	B-STATE			400		
Fiscal Year Total		0	0	2,000	0	0
			Total FY 03-06 Cost		2,000	

**MPMS# 12955**      **Kellers Church Road Bridge**  
 TIP# 5776            over Deep Run Creek  
                           Bridge Replacement  
 AQ Code X            Bedminster Twp.

Replace bridge.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
FD	BRIDGE		176			
FD	B-STATE		44			
ROW	BRIDGE			40		
ROW	B-STATE			10		
CON	TBD					1,500
Fiscal Year Total		0	220	50	0	1,500
			Total FY 03-06 Cost		270	

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## Pennsylvania - Highway Program

### Bucks

**MPMS# 12959**      **Dark Hollow Road/Tohickon Creek (Bridge)**

TIP# 5692      At Stover Park  
 Bridge Replacement  
 AQ Code X      Bedminster Twp.

Replace the existing bridge with a 28' wide bridge.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	B-STATE	1,200				
CON	B-STATE		360			
Fiscal Year Total		1,200	360	0	0	0
		Total FY 03-06 Cost			1,560	

**MPMS# 12965**      **Lawn Avenue**

TIP# 5733      Maple Avenue to Farmers Lane  
 Reconstruction  
 AQ Code X      Sellersville Boro., West Rockhill Twp.

Reconstruct roadway, curbs, sidewalks, and drainage facilities.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	STU	240				
FD	H-STATE	60				
PE	STU		136			
PE	H-STATE		34			
UTL	STU					880
UTL	H-STATE					220
CON	TBD					2,500
Fiscal Year Total		300	170	0	0	3,600
		Total FY 03-06 Cost			470	

**MPMS# 12982**      **Dark Hollow Road (Pedestrian Bridge)**

TIP# 5700      Over Neshaminy Creek  
 Pedestrian Bridge Replacement  
 AQ Code X      Buckingham Twp.

This bridge is currently closed to traffic and will be removed.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	B-STATE	43				
UTL	B-STATE	30				
ROW	B-STATE	30				
CON	B-STATE			915		
Fiscal Year Total		103	0	915	0	0
		Total FY 03-06 Cost			1,018	

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## Pennsylvania - Highway Program

### Bucks

**MPMS# 13164**      **Red Hill Road (Bridge)**  
 TIP# 5717            over Branch of Tincum Creek  
                          Bridge Replacement  
 AQ Code X            Tincum Twp.

Replace bridge.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	Later FYs
FD	BRIDGE		208			
FD	B-STATE		52			
ROW	BRIDGE		40			
ROW	B-STATE		10			
CON	TBD					300
Fiscal Year Total		0	310	0	0	300
		Total FY 03-06 Cost			310	

**MPMS# 13167**      **Geigel Hill Road (Bridge)**  
 TIP# 5493            Over Tincum Creek  
                          Bridge Replacement  
 AQ Code X            Tincum Twp.

This project involves replacing the existing one and a half lane bridge with a two lane bridge with shoulders, and includes drainage improvements.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	Later FYs
UTL	B-STATE	50				
ROW	B-STATE	125				
PE	B-STATE		750			
CON	B-STATE			1,000		
Fiscal Year Total		175	750	1,000	0	0
		Total FY 03-06 Cost			1,925	

**MPMS# 13207**      **Churchville Road Bridge over Mill Creek**  
 TIP# B16            over Mill Creek  
                          Bridge Replacement  
 AQ Code X            Upper Southampton Township

Replace bridge.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	Later FYs
PE	B-STATE	100				
FD	B-STATE			150		
CON	TBD					450
Fiscal Year Total		100	0	150	0	450
		Total FY 03-06 Cost			250	

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## Pennsylvania - Highway Program

### Bucks

**MPMS# 13235**      **River Road (Bridge)**  
 TIP# 5721            over Pennsylvania Canal  
                          Bridge Replacement  
 AQ Code X            Upper Makefield Twp.

Replace bridge.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
UTL	B-STATE	10				
ROW	B-STATE	50				
CON	B-STATE			650		
Fiscal Year Total		60	0	650	0	0
		Total FY 03-06 Cost			710	

**MPMS# 13236**      **Butler Avenue Bridge**  
 TIP# B14            over West Branch of Neshaminy Creek  
                          Bridge Replacement  
 AQ Code X            Chalfont Borough

Replace bridge.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
PE	B-STATE		573			
CON	TBD					1,700
Fiscal Year Total		0	573	0	0	1,700
		Total FY 03-06 Cost			573	

**MPMS# 13237**      **Allentown Road (Bridge)**  
 TIP# 5529            Over Unami Creek  
                          Bridge Replacement  
 AQ Code X            Milford Twp.

Replace the existing bridge. The new structure will be 35' wide, with two lanes and shoulders.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	B-STATE		1,920			
Fiscal Year Total		0	1,920	0	0	0
		Total FY 03-06 Cost			1,920	

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## Pennsylvania - Highway Program

### Bucks

**MPMS# 13240**      **Old Bethlehem Road (Bridge)**  
 TIP# 5588            Over Kimples Creek  
                          Bridge Replacement  
 AQ Code X            Haycock Twp.

Replace the existing 16' wide bridge with a 30' wide bridge with two 11' lanes and 4' shoulders.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
PE	BRIDGE	180				
PE	B-STATE	45				
FD	BRIDGE	160				
FD	B-STATE	40				
ROW	BRIDGE			80		
ROW	B-STATE			20		
CON	BRIDGE					1,200
CON	B-STATE					300
Fiscal Year Total		<b>425</b>	<b>0</b>	<b>100</b>	<b>0</b>	<b>1,500</b>
		<b>Total FY 03-06 Cost</b>			<b>525</b>	

**MPMS# 13242**      **Pineville Road (Bridge)**  
 TIP# 5719            over Pidcock Creek  
                          Bridge Replacement  
 AQ Code X            Buckingham Twp.

Replace bridge.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	B-STATE		37			
ROW	B-STATE		50			
CON	TBD					600
Fiscal Year Total		<b>0</b>	<b>87</b>	<b>0</b>	<b>0</b>	<b>600</b>
		<b>Total FY 03-06 Cost</b>			<b>87</b>	

**MPMS# 13245**      **Point Pleasant Pike (Bridge)**  
 TIP# 5528            Over Pennsylvania Canal  
                          Bridge Replacement  
 AQ Code X            Tincum Twp.

This one lane historic bridge will be rehabilitated. The intent is to retain the bridge's historic integrity.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
ROW	B-STATE	150				
CON	B-STATE			900		
Fiscal Year Total		<b>150</b>	<b>0</b>	<b>900</b>	<b>0</b>	<b>0</b>
		<b>Total FY 03-06 Cost</b>			<b>1,050</b>	



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## Pennsylvania - Highway Program

### Bucks

**MPMS# 13248**      **Walnut Street (Bridge #13)**  
 TIP# 5312              Over Perkiomen Creek  
                                  Bridge Replacement  
 AQ Code X              Perkasio Boro.

This narrow two lane bridge with no shoulders will be replaced in kind. The project status is currently in question due to the potential effects of another project around the corner.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	B-STATE	233				
FD	LOCAL	58				
CON	BRIDGE			2,240		
CON	B-STATE			420		
CON	LOCAL			140		
Fiscal Year Total		<b>291</b>	<b>0</b>	<b>2,800</b>	<b>0</b>	<b>0</b>
		<b>Total FY 03-06 Cost</b>			<b>3,091</b>	

**MPMS# 13249**      **Stoney Bridge Road (Bridge)**  
 TIP# 5701              Over Deep Run  
                                  Bridge Replacement  
 AQ Code X              Bedminster Twp.

The existing two lane bridge with no shoulders will be replaced with a two lane bridge with shoulders.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
ROW	BRIDGE	56				
ROW	B-STATE	11				
ROW	LOCAL	3				
CON	TBD					418
Fiscal Year Total		<b>70</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>418</b>
		<b>Total FY 03-06 Cost</b>			<b>70</b>	

**MPMS# 13294**      **Atkinson Road (Bridge)**  
 TIP# 5722              over Pidcock Creek  
                                  Bridge Replacement  
 AQ Code X              Solebury Twp.

Replace bridge.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
ROW	B-STATE		8			
ROW	LOCAL		2			
CON	B-STATE		400			
CON	LOCAL		100			
Fiscal Year Total		<b>0</b>	<b>510</b>	<b>0</b>	<b>0</b>	<b>0</b>
		<b>Total FY 03-06 Cost</b>			<b>510</b>	

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## Pennsylvania - Highway Program

### Bucks

**MPMS# 13296**      **Rickert Road (Bridge)**  
 TIP# 5724            over Morris Run Creek  
                          Bridge Replacement  
 AQ Code X           Hilltown Twp.

Replace bridge.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
ROW	B-STATE	8				
ROW	LOCAL	2				
FD	B-STATE		16			
FD	LOCAL		4			
CON	TBD					490
Fiscal Year Total		10	20	0	0	490
Total FY 03-06 Cost					30	

**MPMS# 13337**      **PA 611, Easton Road (Bridge)**  
 TIP# 5536            2 Bridges over Gallows Road  
                          Bridge Rehabilitation and Bridge Removal  
 AQ Code X           Nockamixon Twp.

Consolidate two bridges over the "Y" intersection of Easton Road and River Road into one bridge and realign one leg of the intersection.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
PE	B-STATE	291				
FD	B-STATE		150			
UTL	B-STATE		50			
ROW	B-STATE					250
CON	TBD					2,000
Fiscal Year Total		291	200	0	0	2,250
Total FY 03-06 Cost					491	

**MPMS# 13338**      **County Line Road Bridge**  
 TIP# B15            over West Branch of Neshaminy Creek  
                          Bridge Replacement  
 AQ Code X           New Britain & Hatfield Townships

Replace bridge.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
PE	HWY		480			
PE	H-STATE		120			
FD	B-STATE					300
CON	TBD					1,600
Fiscal Year Total		0	600	0	0	1,900
Total FY 03-06 Cost					600	

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## Pennsylvania - Highway Program

### Bucks

**MPMS# 13340**      **Headquarters Rd. Bridge**  
 TIP#                      PA 1012 Over branch of Tincum Creek  
                                  Culvert Replacement  
 AQ Code X              Tincum Township

Replace bridge.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	B-STATE	550				
ROW	B-STATE		10			
Fiscal Year Total		<b>550</b>	<b>10</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total FY 03-06 Cost</b>					<b>560</b>	

**MPMS# 13341**      **Lehnenberg Road (Bridges)**  
 TIP# 5718              over Tributary of Delaware River  
                                  Bridge Replacements (2 bridges)  
 AQ Code X              Durham Twp.

Replace bridges.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	B-STATE		300			
UTL	B-STATE		50			
ROW	B-STATE		60			
CON	TBD					580
Fiscal Year Total		<b>0</b>	<b>410</b>	<b>0</b>	<b>0</b>	<b>580</b>
<b>Total FY 03-06 Cost</b>					<b>410</b>	

**MPMS# 13342**      **Delaware Road Bridge over Delaware Canal**  
 TIP# B18              over Delaware Canal  
                                  Bridge Replacement  
 AQ Code X              Rieglesville Borough

Replace bridge.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
PE	B-STATE	150				
FD	B-STATE			200		
CON	TBD					1,500
Fiscal Year Total		<b>150</b>	<b>0</b>	<b>200</b>	<b>0</b>	<b>1,500</b>
<b>Total FY 03-06 Cost</b>					<b>350</b>	

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## Pennsylvania - Highway Program

### Bucks

MPMS# 13347      **I-95 / PA Turnpike Interchange**  
 TIP# 0508      Exit 28 to US 130 (NJ) and parts of I-95  
                     New interchange and toll plaza, widening  
 AQ Code 2015M      Bristol Twp.

This is a major Interstate gap completion project which will establish continuity of the Interstate system by joining together I-95 and I-276 in Pennsylvania and facilitate a revised routing of I-95 in Pennsylvania and New Jersey. The project anticipates construction of a full interchange between I-95 and the PA Turnpike, including the relocation of toll plazas, widening I-95 between PA 413 and US 1 from two lanes in each direction to three, and widening the Turnpike between US 1 and US 13 from two lanes in each direction to three.

This is a partnership project of the PA Turnpike, PennDOT and FHWA. A Major Investment Study was completed in 1997. The Draft Environmental Impact Statement was circulated for comment in 2000 and the Final EIS was completed in 2003. The Record of Decision was issued in December 2003.

Though the total project cost has not yet been determined, recent estimates for the project put it at about \$485 million (not including costs that might be associated with the construction of a new bridge or the reconstruction of the existing bridge.) Over \$222 million in Federal Aid Interstate construction funds (FAI funds) are reserved for the project. Remaining funds will be provided by the PA Turnpike Commission and through other state and federal sources.

Cost during the TIP period for the final design phase assume 100% federal FAI funds by use of Toll Credit match. Costs during the TIP period for right of way, utility, and construction phases assume 90% federal funds, with a 10% match by the Turnpike. Costs related to the Delaware River Bridge (previously estimated at \$163.2 million) will be pro-rated between PA and NJ by percentage of length in each state. These costs are tentatively scheduled between fiscal years 2011 and 2014.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
FD	TOLL-MAT		1,000			
FD	FAI		9,000			
FD	FAI			22,500		
FD	TOLL-MAT			2,500		
ROW	FAI			15,390		
ROW	TPK			1,710		
FD	FAI				22,500	
FD	TOLL-MAT				2,500	
UTL	FAI				10,800	
UTL	TPK				1,200	
CON	FAI				51,390	
CON	TPK				5,710	
FD	TBD					18,100
UTL	TBD					1,000
ROW	TBD					600
CON	TBD					226,700
CON	TBD					143,500
Fiscal Year Total		0	10,000	42,100	94,100	389,900
			Total FY 03-06 Cost		146,200	

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## Pennsylvania - Highway Program

### Bucks

MPMS# 13357      **PA 332, Richboro Road (Bridge)**  
 TIP# 5533      Over Neshaminy Creek  
                     Bridge Replacement  
 AQ Code X      Newtown Twp., Northampton Twp.

The existing two lane bridge with shoulders will be replaced in kind.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
FD	BRIDGE	100				
FD	B-STATE	25				
PE	BRIDGE		8			
PE	B-STATE		2			
ROW	BRIDGE		320			
ROW	B-STATE		80			
CON	BRIDGE		800			
CON	B-STATE		200			
CON	BRIDGE			2,560		
CON	B-STATE			640		
CON	BRIDGE				1,680	
CON	B-STATE				420	
Fiscal Year Total		125	1,410	3,200	2,100	0
			Total FY 03-06 Cost		6,835	

MPMS# 13360      **Bridgeton Hill Road (Bridge)**  
 TIP# 5727      over Pennsylvania Canal  
                     Bridge Replacement  
 AQ Code X      Bridgeton Twp.

Replace bridge.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
ROW	B-STATE		80			
CON	B-STATE			1,200		
Fiscal Year Total		0	80	1,200	0	0
			Total FY 03-06 Cost		1,280	

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## Pennsylvania - Highway Program

### Bucks

**MPMS# 13440**      **Allentown Road and PA 663 (Bridge)**  
 TIP# 5711            over Licking Creek  
                          Bridge Replacement (2 bridges)  
 AQ Code X            Milford Twp.

Replace bridges.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	HWY			800		
FD	H-STATE			200		
UTL	HWY				40	
UTL	H-STATE				10	
ROW	HWY				80	
ROW	H-STATE				20	
CON	TBD					4,500
Fiscal Year Total		0	0	1,000	150	4,500
		Total FY 03-06 Cost			1,150	

**MPMS# 13441**      **PA 152, Walnut Street (Bridge)**  
 TIP# 5772            over Branch of Pleasant Springs  
                          Bridge Replacement  
 AQ Code X            Hilltown Twp.

Replace bridge.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
ROW	B-STATE			100		
CON	TBD					900
Fiscal Year Total		0	0	100	0	900
		Total FY 03-06 Cost			100	

**MPMS# 13444**      **Deep Run Road (Bridge)**  
 TIP# 5768            over Deep Run Creek  
                          Bridge Replacement  
 AQ Code X            Bedminster Twp.

Replace bridge.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
PE	B-STATE		200			
ROW	B-STATE		100			
CON	TBD					1,500
Fiscal Year Total		0	300	0	0	1,500
		Total FY 03-06 Cost			300	

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## Pennsylvania - Highway Program

### Bucks

**MPMS# 13451**      **Broad Street Interchange Imp.**  
 TIP# 5405            Broad Street at PA 611 Ramps  
                           Interchange Improvement  
 AQ Code 2005M      Doylestown Twp.

This project will complete the interchange by adding a southbound entrance ramp from Broad St. to the PA 611 Bypass and a northbound entrance ramp from the PA 611 Bypass to Broad St.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	DEMO	271				
Fiscal Year Total		271	0	0	0	0
		Total FY 03-06 Cost			271	

**MPMS# 13452**      **Woodbourne Road**  
 TIP# 5582            At Langhorne-Yardley Road  
                           Intersection Improvement, Turning Lanes  
 AQ Code X            Middletown Twp.

Add left turn lanes on all approaches.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
PE	STU	18				
PE	H-STATE	5				
FD	STU	160				
FD	H-STATE	40				
FD	STU		168			
FD	H-STATE		42			
UTL	STU		40			
UTL	H-STATE		10			
ROW	STU		240			
ROW	H-STATE		60			
CON	HWY			800		
CON	H-STATE			200		
Fiscal Year Total		223	560	1,000	0	0
		Total FY 03-06 Cost			1,783	

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## Pennsylvania - Highway Program

### Bucks

MPMS# 13477      **Lower State Road Bridge**  
 TIP# B17              over Neshaminy Creek  
                             Bridge Replacement  
 AQ Code X            Doylestown Township

Replace bridge.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
PE	B-STATE	350				
PE	B-STATE			550		
CON	TBD					2,750
Fiscal Year Total		<b>350</b>	<b>0</b>	<b>550</b>	<b>0</b>	<b>2,750</b>
<b>Total FY 03-06 Cost</b>					<b>900</b>	

MPMS# 13484      **US 202 Expressway (Sec 700) Env & ITS**  
 TIP# 5354A              US 202 Bypass To PA 63  
                             Environmental Review and ITS Design  
 AQ Code X            Doylestown, Warrington, Montgomery Twps.

This portion of the project includes design coordination and environmental review as well as the design of ITS components.

US 202 stretches from Wilmington, Delaware to Bangor, Maine. In the DVRPC region, US 202 covers 61 miles, traversing 27 municipalities. 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 sections. The limits of Section 700 are from PA 63, Welsh Road to the Doylestown Bypass (US 202/PA 611 Bypass).

The US-202 Expressway will be a four lane divided highway with interchanges at PA 63, PA 309, County Line Rd., Bristol Rd., and PA 611.

As part of the original CMS commitment for this section of US 202 (Section 700), capacity improvements will be made to SEPTA's R-5 Doylestown rail line between Doylestown and Landsdale. Project elements include plans to install double track or passing sidings to allow more frequent service north of Lansdale; improve yard to increase car storage capacity at Doylestown; upgrade power and signals. Based on DVRPC Resolution B-FY96-005.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	HWY				2,800	
FD	H-STATE				700	
Fiscal Year Total		<b>0</b>	<b>0</b>	<b>0</b>	<b>3,500</b>	<b>0</b>
<b>Total FY 03-06 Cost</b>					<b>3,500</b>	



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## Pennsylvania - Highway Program

### Bucks

**MPMS# 13501**      **Stony Hill Road**  
 TIP# 5615            Heacock Road to Oxford Valley Road  
                               Realign Curve  
 AQ Code X            Lower Makefield Twp.

This project will eliminate a substandard curve. It involves widening to provide 8' wide minimum shoulders on both sides of the street, right turn lanes as needed into adjacent developments, and a sidewalk/bikeway on the north side of the street. Curbing will also be installed on both sides of the street for drainage.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
ROW	STU					520
ROW	LOCAL					130
CON	STU					2,000
CON	H-STATE					500
Fiscal Year Total		0	0	0	0	3,150
		<b>Total FY 03-06 Cost</b>				<b>0</b>

**MPMS# 13508**      **Lower Bucks Park and Ride Lots**  
 TIP# 5730            Woodbourne and Philmont  
                               Construct Park and Ride Lot  
 AQ Code 20050      Bensalem Twp., Yardley Boro., Middletown Twp.

As part of the I-95 Intermodal Mobility Project, construct a park and ride lot at SEPTA's Yardley Station. Project is complete.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
CON	DEMO	184				
Fiscal Year Total		184	0	0	0	0
		<b>Total FY 03-06 Cost</b>				<b>184</b>

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## Pennsylvania - Highway Program

### Bucks

**MPMS# 13518**      ***I-95, Delaware Expressway Interchange***  
 TIP# 5669              @PA 332 (Newtown-Yardley Rd.)  
                                  Interchange (Trenton Urban Area Funds)  
 AQ Code X              Lower Makefield Twp.

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
		FY 2003	FY 2004	FY 2005	FY 2006	
ROW	DEMO	1,480				
ROW	H-STATE	370				
CON	STU		2,820			
CON	DEMO		60			
CON	H-STATE		705			
CON	H-STATE		15			
CON	STU			1,120		
CON	H-STATE			280		
Fiscal Year Total		<b>1,850</b>	<b>3,600</b>	<b>1,400</b>	<b>0</b>	<b>0</b>
		<b>Total FY 03-06 Cost</b>			<b>6,850</b>	

**MPMS# 13549**      ***US 1 (Bridges)***  
 TIP# 5684              PA 413 - PA Turnpike  
                                  Bridge Deck Rehabilitation  
 AQ Code X              Bensalem Twp., Middletown Twp.

This project consists of bridge deck rehabilitation to about eight structures and interchange upgrades.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
FD	STU		1,104			
FD	H-STATE		276			
ROW	STU		200			
ROW	H-STATE		50			
CON	TBD					40,000
Fiscal Year Total		<b>0</b>	<b>1,630</b>	<b>0</b>	<b>0</b>	<b>40,000</b>
		<b>Total FY 03-06 Cost</b>			<b>1,630</b>	

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## Pennsylvania - Highway Program

### Bucks

**MPMS# 13552**      **Easton Road (Bridges)**  
 TIP# 5714            over Deep Run Creek  
                          Bridge Deck Rehabilitation (3 bridges)  
 AQ Code X            Bedminster Twp.

Rehabilitate three bridge deck structures.

		TIP Program Years (\$ 000)				Later FYs
Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	B-STATE	175				
UTL	B-STATE	50				
ROW	B-STATE		50			
CON	TBD					10,000
Fiscal Year Total		<b>225</b>	<b>50</b>	<b>0</b>	<b>0</b>	<b>10,000</b>
		<b>Total FY 03-06 Cost</b>			<b>275</b>	

**MPMS# 13555**      **New Falls Road (Bridge)**  
 TIP# 5685            Over Neshaminy Creek  
                          Bridge Deck Rehabilitation  
 AQ Code X            Bensalem Twp., Bristol Twp.

This project involves the rehabilitation of the bridge deck. The current four lane width with minimal shoulders will remain the same.  
 Accrued Unbilled Costs.

		TIP Program Years (\$ 000)				Later FYs
Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	BRIDGE		500			
Fiscal Year Total		<b>0</b>	<b>500</b>	<b>0</b>	<b>0</b>	<b>0</b>
		<b>Total FY 03-06 Cost</b>			<b>500</b>	

**MPMS# 13576**      **PA 413, New Rodgers Road**  
 TIP# 5651            Old Lincoln Highway to Bath Road  
                          Corridor Improvement(Turn Lane)  
 AQ Code 2015M      Middletown Twp., Bristol Twp.

Widen 4 feet on each side to accommodate a third center lane for left turns.

		TIP Program Years (\$ 000)				Later FYs
Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	STU			2,523		
CON	H-STATE			631		
CON	STU				4,000	
CON	H-STATE				1,000	
Fiscal Year Total		<b>0</b>	<b>0</b>	<b>3,154</b>	<b>5,000</b>	<b>0</b>
		<b>Total FY 03-06 Cost</b>			<b>8,154</b>	

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## Pennsylvania - Highway Program

### Bucks

**MPMS# 13578**      **PA 332, Jacksonville Road**  
 TIP# 5650              At PA 132, Street Road  
                                  Intersection and Signal Improvements  
 AQ Code X              Warminster Twp.

Upgrade the existing traffic signals and widen Street Road from 45 feet to 60 feet.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	STU				2,285	
CON	H-STATE				571	
Fiscal Year Total		0	0	0	2,856	0
<b>Total FY 03-06 Cost</b>					<b>2,856</b>	

**MPMS# 13580**      **PA 132/Street Rd., US 1-State Rd.**  
 TIP#  
 AQ Code X

Accrued Unbilled Costs

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	CMAQ	130				
Fiscal Year Total		130	0	0	0	0
<b>Total FY 03-06 Cost</b>					<b>130</b>	

**MPMS# 13584**      **PA 413/PA 532, Newtown Bypass**  
 TIP# 5652              Swamp Road to Old Route 413  
                                  Closed Loop Signal IMP, Interconnections  
 AQ Code 2005O        Newtown Twp.

Install a closed loop signal system, primarily in the PA 413 and PA 332 corridors.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	CMAQ	200				
Fiscal Year Total		200	0	0	0	0
<b>Total FY 03-06 Cost</b>					<b>200</b>	

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## Pennsylvania - Highway Program

### Bucks

MPMS# 13595 *Bristol: Neshaminy-Bridgetown*

TIP#

AQ Code

Accrued Unbilled Costs

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	HWY	135				
Fiscal Year Total		135	0	0	0	0
Total FY 03-06 Cost					135	

MPMS# 13606 *Hulmeville Avenue (Bridge)*

TIP# 5710

over Conrail  
Bridge Replacement  
Middletown Twp.

AQ Code X

Replace bridge.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
PE	BR*	280				
PE	BRIDGE	50				
PE	B-STATE	12				
UTL	BRIDGE	80				
UTL	B-STATE	20				
FD	BRIDGE		640			
FD	B-STATE		160			
ROW	BRIDGE			560		
ROW	B-STATE			140		
CON	TBD					4,000
Fiscal Year Total		442	800	700	0	4,000
Total FY 03-06 Cost					1,942	

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## Pennsylvania - Highway Program

### Bucks

**MPMS# 13609**      **US 202 (Turn lanes)**  
 TIP# 5646            US 202 Bypass To PA 313 (Swamp Road)  
                           Construct Left Turn Lane  
 AQ Code 2005M      Doylestown Twp., Doylestown Boro.

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.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	HWY		72			
FD	H-STATE		18			
UTL	HWY		64			
UTL	H-STATE		16			
ROW	HWY		440			
ROW	H-STATE		110			
CON	HWY			3,763		
CON	H-STATE			941		
Fiscal Year Total		0	720	4,704	0	0
			<b>Total FY 03-06 Cost</b>		<b>5,424</b>	

**MPMS# 13635**      **Oxford Valley Road**  
 TIP# 5715            at US 1 Bus./Lincoln Hwy/Levittown Pky.  
                           Intersection Improvement  
 AQ Code X            Falls Twp., Middletown Twp.

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

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	STU			2,984		
CON	H-STATE			746		
Fiscal Year Total		0	0	3,730	0	0
			<b>Total FY 03-06 Cost</b>		<b>3,730</b>	

**MPMS# 13637**      **PA 413/PA 532, Newtown Bypass**  
 TIP# 5663            AT 332 (Richboro Rd) and 532 (Buck Road)  
                           2 Intersection Imp. Dual Left Turn Lanes  
 AQ Code X            Newtown Twp.

This project involves intersection widening to accommodate dual left turn lanes on northbound PA 413 at Richboro Road and Buck Road.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	STU*		2,393			
CON	STATE*		598			
Fiscal Year Total		0	2,991	0	0	0
			<b>Total FY 03-06 Cost</b>		<b>2,991</b>	

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## Pennsylvania - Highway Program

### Bucks

**MPMS# 13661**      **Jugtown Hill Road (Bridge)**  
 TIP# 5723              over Pennsylvania Canal  
                              Bridge Replacement  
 AQ Code X              Tincicum Twp.

Replace bridge.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
ROW	B-STATE	8				
ROW	LOCAL	2				
CON	TBD					490
Fiscal Year Total		10	0	0	0	490
		Total FY 03-06 Cost			10	

**MPMS# 13671**      **Pickertown Road (Bridge)**  
 TIP# 5702              Over Mill Creek  
                              Bridge Replacement  
 AQ Code X              Warrington Twp.

The existing two lane bridge will be replaced with a two lane, 26' to 28' wide bridge with shoulders. A minor realignment of the horizontal curve will also be made.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	B-STATE		748			
CON	LOCAL		187			
Fiscal Year Total		0	935	0	0	0
		Total FY 03-06 Cost			935	

**MPMS# 13683**      **Swamp Road Culvert**  
 TIP# B13              At culvert south of Worthington Mill Rd  
                              Replace culvert  
 AQ Code X              Wrightstown Township

Replace culvert. This project would be Phase I of a two phase project to provide improvements to the entire corridor of Swamp Road. (See MPMS #64780.)

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
DES	B-STATE	350				
UTL	B-STATE	100				
ROW	B-STATE	250				
CON	B-STATE		1,274			
Fiscal Year Total		700	1,274	0	0	0
		Total FY 03-06 Cost			1,974	

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## Pennsylvania - Highway Program

### Bucks

**MPMS# 13685**      **Church Hill Road (Bridge)**  
 TIP# 5709            over Branch of Gallows Run  
                          Bridge Rehabilitation  
 AQ Code X            Nockamixon Twp.

Replace bridge.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
ROW	B-STATE		20			
CON	B-STATE		863			
Fiscal Year Total		0	883	0	0	0
Total FY 03-06 Cost					883	

**MPMS# 13702**      **Otter Road (Bridge)**  
 TIP# 5771            over Otter Creek  
                          Bridge Replacement  
 AQ Code X            Bristol Boro.

Replace bridge.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	B-STATE	500				
UTL	B-STATE		50			
ROW	B-STATE		50			
CON	TBD					1,500
Fiscal Year Total		500	100	0	0	1,500
Total FY 03-06 Cost					600	

**MPMS# 13715**      **Keller's Church Road (Bridge)**  
 TIP# 5770            over Cabin Run  
                          Bridge Replacement  
 AQ Code X            Bedminster Twp.

Replace bridge.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
PE	B-STATE		250			
ROW	B-STATE		40			
CON	TBD					575
Fiscal Year Total		0	290	0	0	575
Total FY 03-06 Cost					290	



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## Pennsylvania - Highway Program

### Bucks

**MPMS# 13716**      **Headquarters Road Bridge**

TIP# B19                      over PA Canal  
                                     Bridge Replacement  
 AQ Code X                    Tincicum Township

Bridge Replacement & Culvert Replacement

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
PE	B-STATE	100				
FD	B-STATE			150		
CON	TBD					350
Fiscal Year Total		100	0	150	0	350
Total FY 03-06 Cost					250	

**MPMS# 13720**      **Taylorsville Road (Bridge)**

TIP# 5720                    over Tributary of Delaware River  
                                     Bridge Replacement  
 AQ Code X                    Upper Makefield Twp.

Replace bridge.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	B-STATE	200				
Fiscal Year Total		200	0	0	0	0
Total FY 03-06 Cost					200	

**MPMS# 13723**      **Saw Mill Road (Bridge)**

TIP# 5769                    over Kimples Creek  
                                     Bridge Replacement  
 AQ Code X                    Haycock Twp.

Replace bridge.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
PE	B-STATE		350			
ROW	B-STATE		40			
CON	TBD					690
Fiscal Year Total		0	390	0	0	690
Total FY 03-06 Cost					390	

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## Pennsylvania - Highway Program

### Bucks

**MPMS# 13727**      **Bristol Road Intersection Improvements**  
 TIP# 5675              PA 513(Hulmeville Rd) To Old Lincoln Hwy  
                                  Signalize & Add Turn Lanes to 7 Ints.  
 AQ Code 2005M      Bensalem Twp.

Upgrade and interconnect the traffic signals with a closed loop system and add a center left turn lane.

		TIP Program Years (\$ 000)				Later FYs
Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
UTL	STU	40				
UTL	H-STATE	10				
ROW	STU	40				
ROW	H-STATE	10				
FD	H-STATE		343			
CON	STU					2,000
CON	H-STATE					500
Fiscal Year Total		<b>100</b>	<b>343</b>	<b>0</b>	<b>0</b>	<b>2,500</b>
		<b>Total FY 03-06 Cost</b>			<b>443</b>	

**MPMS# 13735**      **NEWTOWN TRAILS 1**  
 TIP# 5678              TYLER STATE PARK TO CORE CREEK PARK  
                                  PEDESTRIAN/BICYCLE TRAIL  
 AQ Code X              Newtown Twp.

This project involves widening sidewalks along Township roads to accommodate pedestrians and bicycles and constructing a 5' wide path leading into the park.

		TIP Program Years (\$ 000)				Later FYs
Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	H-TE	152				
CON	LOCAL	39				
Fiscal Year Total		<b>191</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
		<b>Total FY 03-06 Cost</b>			<b>191</b>	

**MPMS# 13742**      **Hellertown Rd./Cooks Crossing**  
 TIP#                      Bridge  
 AQ Code X

		TIP Program Years (\$ 000)				Later FYs
Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	B-STATE	184				
Fiscal Year Total		<b>184</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
		<b>Total FY 03-06 Cost</b>			<b>184</b>	

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## Pennsylvania - Highway Program

### Bucks

**MPMS# 13745**      **US 13, Bristol Pike (Signals)**  
 TIP# 5699              PA Turnpike to Bucks County Line  
                                  Arterial Imps. Associated w/ I-95  
 AQ Code 2005M      Bensalem Twp., Bristol Twp.

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.

		TIP Program Years (\$ 000)				Later FYs
Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	HWY		95			
CON	CMAQ					2,800
Fiscal Year Total		0	95	0	0	2,800
		Total FY 03-06 Cost			95	

**MPMS# 13760**      **US 13, Bristol Pike**  
 TIP# 5713              Levittown Pkwy. - Yardley-Morrisville Rd  
                                  Preventive Maintenance  
 AQ Code X              Falls Twp.

This project consists of restoration (3R) of the pavement and shoulder. It is part of the Preventative Maintenance Program for FY03 .

10/24/02 \$11.355 million HWY/ Toll Credit Match  
 2/7/03 \$1.602 million HWY/Toll Credit

		TIP Program Years (\$ 000)				Later FYs
Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	HWY	1,602				
CON	HWY	11,355				
CON	HWY		450			
Fiscal Year Total		12,957	450	0	0	0
		Total FY 03-06 Cost			13,407	

**MPMS# 13765**      **Minsi Trail I (Bridge)**  
 TIP#                      Over branch of Morris Run  
                                  Culvert Replacement  
 AQ Code X              Hillertown Township

Replace culvert

		TIP Program Years (\$ 000)				Later FYs
Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	B-STATE	51				
FD	B-STATE		143			
ROW	B-STATE		50			
Fiscal Year Total		51	193	0	0	0
		Total FY 03-06 Cost			244	

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## Pennsylvania - Highway Program

### Bucks

**MPMS# 46948**      ***I-95 Interchange Study***  
 TIP# 5729              at Street Road Interchange  
                                  Study  
 AQ Code X              Bensalem Twp.

This interchange functions poorly - vehicles queue on the ramps, back-ups occur on I-95, and the signals are problematic. Study problems and determine appropriate solutions. Eventually replace bridge over I-95.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
PE	DEMO	170				
PE	H-STATE	43				
Fiscal Year Total		213	0	0	0	0
		Total FY 03-06 Cost			213	

**MPMS# 47131**      ***PA Turnpike***  
 TIP# 5728              at PA 13 Interchange  
                                  Safety Improvements  
 AQ Code X              Bristol Twp.

Provide interim safety improvements with regard to truck traffic. Study potential for long term improvements.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	LOCAL	70				
UTL	DEMO	40				
UTL	LOCAL	10				
ROW	DEMO	75				
ROW	LOCAL	19				
CON	DEMO		270			
CON	STU		30			
CON	LOCAL		75			
Fiscal Year Total		214	375	0	0	0
		Total FY 03-06 Cost			589	

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## Pennsylvania - Highway Program

### Bucks

MPMS# 47395      **US 202 Expressway (Section 721)**  
 TIP# 5356      Pickertown Rd. To PA 611 Bypass  
                     Phase I, Four Lane Divided Relocation  
 AQ Code 2015M      Doylestown Boro.

Preconstruction phase.

The US-202 Expressway will be a four lane divided highway with interchanges at PA 63, PA 309, County Line Rd., Bristol Rd., and PA 611. The limits of Section 700 are from PA 63, Welsh Road to the Doylestown Bypass (US 202/PA 611 Bypass).

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.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2003</u>	<u>FY 2004</u>	<u>FY 2005</u>	<u>FY 2006</u>	
UTI	HWY	160				
UTI	H-STATE	40				
FD	HWY	400				
FD	H-STATE	100				
UTI	HWY		720			
UTI	H-STATE		180			
ROW	HWY		338			
ROW	H-STATE		85			
ROW	HWY			5,012		
ROW	H-STATE			1,253		
Fiscal Year Total		<b>700</b>	<b>1,323</b>	<b>6,265</b>	<b>0</b>	<b>0</b>
			<b>Total FY 03-06 Cost</b>		<b>8,288</b>	

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## Pennsylvania - Highway Program

### Bucks

**MPMS# 47396**      **US 202, (Section 711)**  
 TIP# 5355              PA 463 To Pickertown Road  
                                  Pre-Construct. 4 Lane Divided Relocation  
 AQ Code 2015M      Montgomery Twp., Warrington Twp.

This project is phase I, preconstruction phases. The limits of Section 700 are from PA 63, Welsh Road to the Doylestown Bypass (US 202/PA 611 Bypass). The US-202 Expressway will be a four lane divided highway with interchanges at PA 63, PA 309, County Line Rd., Bristol Rd., and PA 611.

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
		FY 2003	FY 2004	FY 2005	FY 2006	
UTI	HWY	320				
UTI	H-STATE	80				
FD	HWY	1,308				
FD	SPIKE	984				
FD	H-STATE	527				
ROW	HWY	2,132				
ROW	H-STATE	533				
ROW	HWY		800			
ROW	H-STATE		246			
ROW	HWY			1,600		
ROW	H-STATE			400		
Fiscal Year Total		<b>5,884</b>	<b>1,046</b>	<b>2,000</b>	<b>0</b>	<b>0</b>
		<b>Total FY 03-06 Cost</b>			<b>8,930</b>	

**MPMS# 47405**      **Minsi Trail II (Bridge)**  
 TIP#                      Over branch of Morris Creek  
                                  Culvert Replacement  
 AQ Code X              Hilltown Township

Replace Bridge

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
FD	B-STATE	51				
PE	B-STATE		20			
FD	B-STATE		116			
ROW	B-STATE		50			
Fiscal Year Total		<b>51</b>	<b>186</b>	<b>0</b>	<b>0</b>	<b>0</b>
		<b>Total FY 03-06 Cost</b>			<b>237</b>	

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## Pennsylvania - Highway Program

### Bucks

**MPMS# 47406**      **Aquetong Road Bridge Replacement**  
 TIP#                      Over Branch of the Aquetong Creek  
                                  Bridge Replacement  
 AQ Code X              Solebury Township

Replace the bridge with a two lane structure.

TIP Program Years (\$ 000)					Later FYs
Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006
FD	B-STATE		400		
Fiscal Year Total		0	400	0	0
Total FY 03-06 Cost					400

**MPMS# 47975**      **US 1, Business**  
 TIP# 5726              Hulmeville Road to Oxford Valley Road  
                                  Closed Loop Signal Interconnection  
 AQ Code 2005M      Middletown Twp.

TIP Program Years (\$ 000)					Later FYs
Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006
UTL	CMAQ		126		
CON	CMAQ		440		
Fiscal Year Total		0	566	0	0
Total FY 03-06 Cost					566

**MPMS# 49315**      **Portzer Road Connector**  
 TIP# 5734              Route 663 to Route 309  
                                  Construct connector roadway  
 AQ Code X              Milford Twp., Quakertown Boro., Richland Twp.

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.

TIP Program Years (\$ 000)					Later FYs
Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006
FD	HWY			400	
FD	H-STATE			100	
UTL	HWY			40	
UTL	H-STATE			10	
CON	TBD				6,000
Fiscal Year Total		0	0	550	6,000
Total FY 03-06 Cost					550

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## Pennsylvania - Highway Program

### Bucks

**MPMS# 50517**      **Falls Twp Community Connector(Trail)**  
 TIP# 5736              US13/Penn Valley Rd/Mill Creek/Wheatshea  
                                  Construction of ped/bike trail system  
 AQ Code X              Falls Twp.

Construction of a 2.5 mile, 8-foot wide pedestrian/bicycle trail system providing a direct link between the residential communities of Levittown, Wheatsheaf, and several mobile home parks to the Falls Township Community Park and the Delaware Canal State Park Towpath. Pedestrian enhancements along the trail include pedestrian signals, educational push button signs, high-visibility pavement markings, and warning signs for motorists. A small bridge along Penn Valley Rd. over Martins Creek and a retaining wall along Mill Creek Rd. at the US 13 underpass will also be built as part of the project.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	TOLL-MAT			170		
CON	H-TE			680		
Fiscal Year Total		0	0	850	0	0
<b>Total FY 03-06 Cost</b>					<b>850</b>	

**MPMS# 50650**      **New Galena Rd. (Bridge)**  
 TIP#                      over Walters Run  
                                  Culvert Replacement  
 AQ Code X              New Britain Township

Bridge Replacement

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	B-STATE	275				
ROW	B-STATE		10			
Fiscal Year Total		275	10	0	0	0
<b>Total FY 03-06 Cost</b>					<b>285</b>	

**MPMS# 50658**      **Park Ave. (bridge)**  
 TIP#                      Over Neshaminy Creek  
                                  Bridge repair  
 AQ Code X

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	B-STATE	747				
Fiscal Year Total		747	0	0	0	0
<b>Total FY 03-06 Cost</b>					<b>747</b>	



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## Pennsylvania - Highway Program

### Bucks

**MPMS# 57617**      **Galloway Road**  
 TIP# 5749            Hulmeville Road to Bridgewater Road  
                          Road Extension  
 AQ Code 2015M      Bensalem Twp.

Provide a new 3-lane roadway from the intersection of Galloway Road & Hulmeville Road to the intersection of Bridgewater Road & Byberry Road. Also, provide improvements to the existing traffic signals at each end of the project.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
ROW	LOCAL		350			
CON	TBD					1,765
Fiscal Year Total		0	350	0	0	1,765
		Total FY 03-06 Cost			350	

**MPMS# 57619**      **Route 313 Corridor**  
 TIP# 5750            Ferry Road to Broad Street  
                          Corridor Improvements  
 AQ Code 2015M      Doylestown, Hilltown, New Britain, Plumstead Twps.

Provide turning lanes on Route 313 at Ferry Road and provide truck climbing lane on Route 313 from Curley Hill Road to Broad Street.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
PE	STU	546				
PE	H-STATE	137				
FD	STU			634		
FD	H-STATE			159		
ROW	STU					480
ROW	H-STATE					120
CON	TBD					3,000
Fiscal Year Total		683	0	793	0	3,600
		Total FY 03-06 Cost			1,476	

**MPMS# 57623**      **County Line Rd. Widening**  
 TIP# 5752            US 202 to Upper State Road  
                          Widening  
 AQ Code 2015M      New Britain Twp., Montgomery Twp.

Widen roadway to four lanes, five lanes at intersection to accommodate turning movements.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
PE	HWY		640			
PE	H-STATE		160			
CON	TBD					2,900
Fiscal Year Total		0	800	0	0	2,900
		Total FY 03-06 Cost			800	

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## Pennsylvania - Highway Program

### Bucks

**MPMS# 57624**      **Woodbourne Road and Lincoln Highway**  
 TIP# 5753            Woodburn/East Lincoln/Old Lincoln  
                          Intersection Improvements  
 AQ Code X            Middletown Twp.

Widening of both intersections to provide additional through lanes on Woodbourne Road, dual left turn lanes on East Lincoln Highway, right turn lanes on Old Lincoln Highway and traffic signal upgrades.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
FD	LOCAL	210				
CON	TBD					2,078
Fiscal Year Total		<b>210</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,078</b>
		<b>Total FY 03-06 Cost</b>			<b>210</b>	

**MPMS# 57625**      **Route 232**  
 TIP# 5754            Neshaminy Creek to PECO Right-of-Way  
                          Corridor Improvements  
 AQ Code X            Wrightstown Twp.

Upgrade Route 232/Swamp Road intersection, provide signalization, provide truck climbing lane and realign curve in roadway.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
PE	H-STATE	345				
FD	H-STATE					200
ROW	H-STATE					525
CON	TBD					1,600
Fiscal Year Total		<b>345</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,325</b>
		<b>Total FY 03-06 Cost</b>			<b>345</b>	

**MPMS# 57626**      **Trenton Road**  
 TIP# 5755            at Bristol-Oxford Road  
                          Intersection Improvements  
 AQ Code X            Falls Twp., Middletown Twp.

Widening of Trenton Road to provide left turn, channelization improvements on Bristol-Oxford Valley Road, traffic signal installation.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
PE	LOCAL	30				
FD	LOCAL		45			
CON	TBD					500
Fiscal Year Total		<b>30</b>	<b>45</b>	<b>0</b>	<b>0</b>	<b>500</b>
		<b>Total FY 03-06 Cost</b>			<b>75</b>	

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## Pennsylvania - Highway Program

### Bucks

**MPMS# 57627**      **East and West Pumping Station Road**  
 TIP# 5756              at California Road  
                                  Realignment  
 AQ Code X              Richland Twp.

Realign Pumping Station Road so Pumping Station Road intersects with California Road in a four-leg intersection.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
FD	STU				240	
FD	LOCAL				60	
ROW	STU					209
ROW	LOCAL					52
CON	TBD					955
Fiscal Year Total		0	0	0	300	1,216
		Total FY 03-06 Cost			300	

**MPMS# 57628**      **Sycamore Street**  
 TIP# 5757              Newtown Bypass to Durham Road  
                                  Rehabilitation  
 AQ Code X              Newtown Twp.

Reconstruction of Sycamore Street to include new drainage, pavement, signals and curbing.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
ROW	LOCAL	50				
CON*	HWY		2,671			
CON*	LOCAL		668			
Fiscal Year Total		50	3,339	0	0	0
		Total FY 03-06 Cost			3,389	

**MPMS# 57629**      **County Line Road Ext**  
 TIP# 5758              Bustleton Pike to Philmont Avenue  
                                  Roadway Extension  
 AQ Code 2015M      Lower Southampton Twp., Philadelphia

Provide a new roadway from Bustleton Pike to Philmont Avenue.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
PE	H-STATE	490				
ROW	H-STATE					250
CON	TBD					2,000
Fiscal Year Total		490	0	0	0	2,250
		Total FY 03-06 Cost			490	

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## Pennsylvania - Highway Program

### Bucks

**MPMS# 57635**      **Quakertown Joint Closed Loop**  
 TIP# 5760              Signal System  
                              Closed Loop Signal System  
 AQ Code 2015M      Quakertown Borough, Richland Twp.

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.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006
CON	CMAQ			1,500	
Fiscal Year Total		0	0	1,500	0
		Total FY 03-06 Cost			1,500

**MPMS# 57637**      **Pine Grove Road**  
 TIP# 5761              at Yardley-Morrisville Road  
                              Intersection Improvements  
 AQ Code X              Lower Makefield Twp.

Modify intersection geometry to provide "T" intersection, including separate left turn lanes and signalization.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006
ROW	LOCAL		100		
CON	HWY		560		
CON	H-STATE		140		
Fiscal Year Total		0	800	0	0
		Total FY 03-06 Cost			800

**MPMS# 57638**      **Route 313 Signals**  
 TIP# 5762              Sawmill Road to East Court Street  
                              Closed Loop Traffic Signal System  
 AQ Code 2015M      Doylestown, Buckingham, Plumstead Twp., Doylestown Bo.

Implementation of a traffic signal closed loop system including the physical interconnection of the existing signalized intersections and also two new signals.

Additional Location: On Main Street between Ashland St. and Swamp Rd.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006
FD	LOCAL	136			
UTL	LOCAL	20			
CON	CMAQ			800	
Fiscal Year Total		156	0	800	0
		Total FY 03-06 Cost			956

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## Pennsylvania - Highway Program

### Bucks

**MPMS# 57639**      **Newtown-Yardley Road**  
 TIP# 5763              at Penn Trail  
                                  Intersection Improvements  
 AQ Code X              Newtown Twp., Newtown Boro.

Left-turn lane installation of Newtown-Yardley Road approach, signalization and closed loop system interconnection to adjacent intersection of Lower Dolington Road and Terry Drive.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	LOCAL		40			
CON	STU			352		
CON	LOCAL			88		
Fiscal Year Total		0	40	440	0	0
		Total FY 03-06 Cost			480	

**MPMS# 57640**      **County Line Road Signals**  
 TIP# 5764              Delmont Avenue to Davisville Road  
                                  Closed Loop Signal System  
 AQ Code 2005M        Warminster, Horsham, Hatboro, Upper Moreland

Implementation of closed loop system along corridor will improve progression, reduce delay to side street traffic and enhance safety along the corridor. The system will be capable of traffic responsive operation.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	LOCAL	300				
ROW	LOCAL		200			
CON	CMAQ				2,500	
Fiscal Year Total		300	200	0	2,500	0
		Total FY 03-06 Cost			3,000	

**MPMS# 57641**      **Bridgetown Pike**  
 TIP# 5765              County Line Road to Old Bristol Road  
                                  Closed Loop Signal System  
 AQ Code 2005M        Lower Southampton Twp.

Interconnection of signalized intersections to create a closed loop system. New signal at Bridgetown Pike and Elmwood Avenue. Widen Bridgetown Pike for 2nd southbound through lane north of Buck Rd. Widen Bristol Rd for addition of a right turn lane at Bridgetown Pike.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	LOCAL	60				
UTL	LOCAL	50				
CON	CMAQ			800		
CON	LOCAL			200		
Fiscal Year Total		110	0	1,000	0	0
		Total FY 03-06 Cost			1,110	

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## Pennsylvania - Highway Program

### Bucks

**MPMS# 57642**      **Street Road, Bristol Road, York Road, &**  
 TIP# 5766            Jacksonville Road  
                           Signal Upgrade and Closed Loop System  
 AQ Code 2015M      Warminster Twp.

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

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	CMAQ	1,100				
Fiscal Year Total		<b>1,100</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total FY 03-06 Cost</b>					<b>1,100</b>	

**MPMS# 58127**      **Pleasant Spring Path (Q34)**  
 TIP# 5748            Walnut Street to Hilltown Township  
                           Construct Pedestrian/Bike Trail  
 AQ Code X            Perkasio Boro.

Construct a ten foot wide bicycle and pedestrian trail along the Pleasant Spring Creek, connecting an existing intermunicipal path with another existing path abutting the neighboring township.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	RECTRAIL	100				
CON	CMAQ	141				
CON	LOCAL	55				
CON	CMAQ		8			
CON	LOCAL		85			
Fiscal Year Total		<b>296</b>	<b>93</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total FY 03-06 Cost</b>					<b>389</b>	

**MPMS# 59298**      **Woodbourne/Oxford Valley Mall**  
 TIP# 5747            Circulator Project (Q08)  
 AQ Code 2005O      Middletown Twp.

Provide continued operation of a small bus circulator to provide access from the expanded Woodbourne Station to retail, attractions, hotel, hospital and other employment areas which are not currently served by transit. Schedule of operation is Monday through Saturday from 6:25 a.m. to 8:00 p.m., operating according to the Regional Rail train schedule for the station (approximately on an hourly basis.) (Part of second and all of third year of operation of 3-year demonstration project.)

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
OP	FLEX	232				
OP	LOCAL	58				
Fiscal Year Total		<b>290</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total FY 03-06 Cost</b>					<b>290</b>	

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## Pennsylvania - Highway Program

### Bucks

**MPMS# 59496**      **Bridge Street Bridge**  
 TIP# 5775            over Pennsylvania Canal  
                          Bridge Replacement  
 AQ Code X            New Hope Boro.

Replace bridge.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	Later FYs
PE	B-STATE		350			
FD	B-STATE		175			
ROW	B-STATE			50		
CON	TBD					750
Fiscal Year Total		0	525	50	0	750
		Total FY 03-06 Cost			575	

**MPMS# 61061**      **Easton Road Closed Loop**  
 TIP# 0591            Willow Grove Naval Station-Bristol Rd.  
                          Closed Loop Traffic Signal System  
 AQ Code 2050        Warrington Twp., Horsham Twp.

Interconnection of thirteen traffic signals along and near Easton Rd. (PA 611.)

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	Later FYs
CON	CMAQ			372		
Fiscal Year Total		0	0	372	0	0
		Total FY 03-06 Cost			372	

**MPMS# 61682**      **Old Route 13 Improvement Project**  
 TIP# 5743            Borough Boundary to Mill Street  
                          Streetscape Improvements  
 AQ Code X            Bristol Boro.

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

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	Later FYs
CON	H-TE		600			
CON	TOLL-MAT		150			
Fiscal Year Total		0	750	0	0	0
		Total FY 03-06 Cost			750	

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## Pennsylvania - Highway Program

### Bucks

**MPMS# 61685**      **Wycombe Train Station Restoration**  
 TIP# 5744            Buckingham/Wrightstown  
                          Station Restoration  
 AQ Code X            Buckingham Twp., Wrightstown Twp.

Purchase and restoration of historic rail station for passenger excursion service.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	H-TE		207			
CON	LOCAL		52			
Fiscal Year Total		0	259	0	0	0
		Total FY 03-06 Cost			259	

**MPMS# 61686**      **Destination Doylestown**  
 TIP# 5745            DelVal College to Doylestown Train Stn  
                          Construct Pedestrian Path  
 AQ Code X            Doylestown Twp., Doylestown Boro.

Construction of 1.5 mile asphalt sidepath, 6-10' wide, connecting Delaware Valley Community College, Doylestown Transportation Center, and existing pathway system.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	TOLL-MAT	101				
CON	H-TE	402				
Fiscal Year Total		503	0	0	0	0
		Total FY 03-06 Cost			503	

**MPMS# 61687**      **Quakertown Train Station Restoration**  
 TIP# 5746  
 AQ Code X

Restoration and replacement of major building systems of historic train station.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	H-TE	589				
CON	H-TE		194			
Fiscal Year Total		589	194	0	0	0
		Total FY 03-06 Cost			783	



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## Pennsylvania - Highway Program

### Bucks

**MPMS# 62126**      **Ivyland Road - LED**  
 TIP# B20              Lower York Road to Ivyland Road  
                             RR Warning Devices  
 AQ Code X            Buckingham Township

Install RR Warning Devices

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	SAFETY	90				
Fiscal Year Total		90	0	0	0	0
Total FY 03-06 Cost					90	

**MPMS# 64778**      **State Road**  
 TIP# B02              Elm Street to Neshaminy Creek  
                             Drainage Improvements  
 AQ Code X            Bristol Township

Correct stormwater/drainage problem.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
PE	STU	746				
PE	H-STATE	186				
FD	STU			966		
FD	H-STATE			241		
ROW	STU					200
ROW	H-STATE					50
CON	TBD					4,000
Fiscal Year Total		932	0	1,207	0	4,250
Total FY 03-06 Cost					2,139	

**MPMS# 64779**      **County Line Road Widening**  
 TIP# B10              Stump Road to Kulp Road  
                             Roadway Widening, turn lanes, signals  
 AQ Code 2015M      Horsham Twp., Montgomery Twp., Warrington Twp.

Widen County Line Road from 2 to 4 lanes with turning lanes from Stump Road to Kulp Road, including associated improvements. Signal upgrade. This project is suggested to be an expansion of MPMS #57623.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
PE	STU		800			
PE	H-STATE		200			
FD	STU					400
FD	H-STATE					100
CON	TBD					2,500
Fiscal Year Total		0	1,000	0	0	3,000
Total FY 03-06 Cost					1,000	

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## Pennsylvania - Highway Program

### Bucks

**MPMS# 64780**      **Swamp Road Corridor**  
 TIP# B11              Route 413 to Rushland Road  
                             Corridor Improvement  
 AQ Code X            Newtown Township, Wrightstown Township

Minor roadway widening, horizontal and vertical curve realignment, shoulder rehabilitation and associated drainage improvements.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
PE	STU	2,040				
PE	H-STATE	510				
FD	STU				2,432	
FD	H-STATE				608	
CON	TBD					5,743
Fiscal Year Total		<b>2,550</b>	<b>0</b>	<b>0</b>	<b>3,040</b>	<b>5,743</b>
			<b>Total FY 03-06 Cost</b>		<b>5,590</b>	

**MPMS# 64781**      **Swamp Road Culvert at Penns Woods Road**

TIP#  
 Replace culvert

AQ Code X

Replace the simple span steel I-Beam Girder bridge.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
PE	BRIDGE	378				
PE	B-STATE	95				
FD	BRIDGE			396		
FD	B-STATE			99		
Fiscal Year Total		<b>473</b>	<b>0</b>	<b>495</b>	<b>0</b>	<b>0</b>
			<b>Total FY 03-06 Cost</b>		<b>968</b>	

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## Pennsylvania - Highway Program

### Bucks

**MPMS# 64816**      **Northeast Connector Roadway**  
 TIP# B07              Route 313 to East Pumping Station Road  
                             Improve Local Roads  
 AQ Code 2015M      Haycock Township, Richland Township

Extension of East Pumping Station Road, improve Union Road, improve Thatcher Road and connect to Route 313. Project was developed through Quakertown Area Transportation Study, 1995.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
PE	LOCAL	240				
FD	LOCAL		200			
ROW	STU				387	
ROW	LOCAL				97	
CON	TBD					2,914
Fiscal Year Total		<b>240</b>	<b>200</b>	<b>0</b>	<b>484</b>	<b>2,914</b>
		<b>Total FY 03-06 Cost</b>			<b>924</b>	

**MPMS# 65904**      **Doylestown Broad Street Improvements**  
 TIP# 5781              Sandy Ridge/Broad/ 611 & Shady Retreat  
                             Road realignment  
 AQ Code X              Borough of Doylestown

Re-alignment of Sandy Ridge Road to facilitate the installation of bike and hike trail. The project includes the installation of a street tree buffer between the bike/hike path and the heavy traffic and the installation of street lighting to allow for the safe use of the bike path after dark. 2002 Transportation Enhancement (TE) project.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
ERC	H-TE			601		
Fiscal Year Total		<b>0</b>	<b>0</b>	<b>601</b>	<b>0</b>	<b>0</b>
		<b>Total FY 03-06 Cost</b>			<b>601</b>	

**MPMS# 65905**      **New Hope Cultural Canal Walk**  
 TIP# 5782              New Hope/Delaware River  
                             Construct pedestrian path  
 AQ Code X              New Hope Borough

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. 2002 Transportation Enhancement (TE) project.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
ERC	H-TE		316			
Fiscal Year Total		<b>0</b>	<b>316</b>	<b>0</b>	<b>0</b>	<b>0</b>
		<b>Total FY 03-06 Cost</b>			<b>316</b>	

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## Pennsylvania - Highway Program

### Bucks

**MPMS# 65907**      **Sycamore Street Streetscape**  
 TIP# 5783              Sycamore Street in Newtown  
                                  Streetscape Improvements  
 AQ Code X              Newtown Twp

Enhancements include trees, pedestrian crossing pavements (stamped concrete), ornamental lighting fixtures, street banners, benches, trash receptacles, bike racks, planters, hanging baskets, bollards, and ornamental traffic signal poles. 2002 Transportation Enhancement (TE) project.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
ERC*	TOLL-MAT		303			
ERC*	H-TE		1,214			
Fiscal Year Total		0	1,517	0	0	0
		<b>Total FY 03-06 Cost</b>			1,517	

**MPMS# 65920**      **Delaware Canal Lock #11**  
 TIP# 5780              Delaware Canal State Park, New Hope  
                                  Reconstruction of Canal Lock  
 AQ Code X              New Hope Borough

Project is part of the Delaware & Lehigh National Heritage Corridor. Work includes; reconstruction of masonry walls, timber lock floor, wicket chamber, drop gate, mitre gates, doghouses and metal operating gear, paving, guide rail, pedestrian bridge and hand rail, landscaping, lighters, ladders and signs. 2002 Transportation Enhancement (TE) project.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
ERC	H-TE	1,148				
Fiscal Year Total		1,148	0	0	0	0
		<b>Total FY 03-06 Cost</b>			1,148	

**MPMS# 65922**      **Ped/Bike Bridge Rt 13--E. Coast Greenway**  
 TIP# 0602              Across Route 13  
                                  Trail Construction  
 AQ Code X              Tullytown

Construction of an overpass for bikes and pedestrians across PA Route 13 as a component of the East Coast Greenway.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	H-TE				500	
Fiscal Year Total		0	0	0	500	0
		<b>Total FY 03-06 Cost</b>			500	

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## Pennsylvania - Highway Program

### Bucks

**MPMS# 66640**      ***I-95 Noise Walls***  
 TIP#                      Frieda Rd. to Station Avenue  
                                  Construct Noise Walls  
 AQ Code X              Bensalem

Construct noise walls for approximately .6 mile on the southbound side of I-95 between Frieda Road and Station Avenue as part of the Statewide Noise Wall Demonstration Project.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	Later FYs
FD	H-STATE	500				
CON	H-STATE		2,875			
Fiscal Year Total		500	2,875	0	0	0
		<b>Total FY 03-06 Cost</b>			<b>3,375</b>	

**MPMS# 67827**      ***I-95 SB Noisewalls***

TIP#                      Noisewalls  
 AQ Code X

Construct noisewalls on I-95 southbound between Neshaminy Creek and PA 13.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	Later FYs
PE	DEMO	400				
PE	H-STATE	100				
FD	DEMO		170			
FD	H-STATE		42			
CON	H-STATE		1,108			
CON	DEMO			4,430		
Fiscal Year Total		500	1,320	4,430	0	0
		<b>Total FY 03-06 Cost</b>			<b>6,250</b>	

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## Pennsylvania - Highway Program

### Bucks

**MPMS# 68022**      **Chalfont Borough Closed Loop Signal Sys.**  
 TIP#                      Rt 152(Sunset-Rt 202)/Rt 202(Main-Lmkln)  
                                  Closed Loop Signal System

AQ Code X

As a result of the 2002 DVRPC Competetive CMAQ Program, \$83,519 CMAQ funds will be programmed in the future as appropriate for construction of a traffic responsive closed loop signal system along Route 202 and Route 152 (Limekiln Pike/Main Street) consisting of three intersections through the center of Chalfont Borough. The system will include installing a master controller, communication equipment at each intersection, and loop detectors at several locations.

(CMAQ ID# PA02-029) (See MPMS #48201 for other projects selected as part of the 2002 Competetive Program.)

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
Fiscal Year Total		0	0	0	0	0
<b>Total FY 03-06 Cost</b>					<b>0</b>	

**MPMS# 68024**      **Doylestown Bike and Hike Extension**  
 TIP#                      Shady Retreat Rd. (Broad-Limekiln)  
                                  Construction of Pedestrian/Bike Path

AQ Code X

As a result of the 2002 DVRPC Competetive CMAQ Program, \$192,276 CMAQ funds will be programmed in the future as appropriate for construction of a critical section of a bike and hike path between Broad Street and Limekiln Pike on Shady Retreat Rd. in Doylestown, connecting housing and senior citizen developments, commercial areas, schools, and cultural and recreational facilities. Bike and Hike is a ten year effort to provide a network of paths throughout Doylestown Township.

(CMAQ ID# PA02-033) (See MPMS #48201 for other projects selected as part of the 2002 Competetive Program.)

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
Fiscal Year Total		0	0	0	0	0
<b>Total FY 03-06 Cost</b>					<b>0</b>	

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## Pennsylvania - Highway Program

### Bucks

MPMS# 69894 *Newbold Rd. RR Grade Crossing*

TIP#

RailRoad Grade Crossing Improvement

AQ Code X

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON			150			
Fiscal Year Total		0	150	0	0	0
		Total FY 03-06 Cost			150	
Total for Bucks		48,066	57,305	94,106	114,530	527,774
		Total FY 03-06 Cost			314,007	

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## Pennsylvania - Highway Program

### Chester

**MPMS# 13866**      **Lee's Bridge Road (Bridge)**  
 TIP# C17              over Black Run  
                             Bridge Replacement  
 AQ Code X            West Nottingham Borough

Replace bridge.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
PE	B-STATE	150				
FD	B-STATE			150		
CON	TBD					500
Fiscal Year Total		150	0	150	0	500
<b>Total FY 03-06 Cost</b>					<b>300</b>	

**MPMS# 13885**      **Hare's Hill Road Bridge**  
 TIP# C21              over French Creek  
                             Historic Bridge Project  
 AQ Code X            Schuylkill Township

Historic Bridge Project

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
PE	B-STATE		450			
FD	B-STATE			200		
CON	TBD					1,500
Fiscal Year Total		0	450	200	0	1,500
<b>Total FY 03-06 Cost</b>					<b>650</b>	

**MPMS# 13910**      **White Horse Road Bridge**  
 TIP# C15              Over Pickering Creek  
                             Bridge Replacement  
 AQ Code X            Schuylkill Township

Bridge Replacement

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
PE	B-STATE		300			
FD	B-STATE			200		
CON	TBD					850
Fiscal Year Total		0	300	200	0	850
<b>Total FY 03-06 Cost</b>					<b>500</b>	



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## Pennsylvania - Highway Program

### Chester

**MPMS# 13941**      **CEDAR KNOLL ROAD (Bridge)**  
 TIP# 6628            OVER WEST BRANCH OF BRANDYWINE CREEK  
                          BRIDGE REPLACEMENT  
 AQ Code X            West Brandywine Twp., West Caln Twp.

The existing two lane bridge with 4' shoulders will be replaced in kind.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	H-STATE	1,550				
Fiscal Year Total		1,550	0	0	0	0
		Total FY 03-06 Cost			1,550	

**MPMS# 13945**      **US 202 TR 252 to US 30 (Section 300)**  
 TIP# 6903            US 30 to Howelville Rd./  
                          Swedesford Rd. Interchange  
 AQ Code 2015M      East Whiteland Twp., Tredyffrin Twp.

This project involves widening approximately 6.7 miles of roadway, generally within the median, to add one travel lane in each direction; interchange modifications; and the installation of noise walls.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	HWY	3,200				
DES	HWY	1,436				
DES	H-STATE	359				
ROW	HWY	4,000				
ROW	H-STATE	1,000				
PE	HWY		1,000			
PE	H-STATE		250			
FD	HWY		5,084			
FD	H-STATE		1,271			
CON	TBD					200,000
Fiscal Year Total		9,995	7,605	0	0	200,000
		Total FY 03-06 Cost			17,600	

**MPMS# 13972**      **Pickering Creek Bridge**  
 TIP# C22            Bridge Replacement  
 AQ Code X

Replace bridge.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	B-STATE	560				
CON	LOCAL	140				
Fiscal Year Total		700	0	0	0	0
		Total FY 03-06 Cost			700	

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## Pennsylvania - Highway Program

### Chester

**MPMS# 14055**      **PA 162, Strasburg Rd. (Copes Bridge)**  
 TIP# 6637            over E. Branch of Brandywine Creek  
                          Bridge Rehabilitation/Replacement  
 AQ Code X            E. Bradford Twp., W. Bradford Twp.

Replace/rehab bridge.

		TIP Program Years (\$ 000)				Later FYs
Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
PE	B-STATE	470				
FD	B-STATE			440		
ROW	B-STATE				50	
CON	TBD					2,000
Fiscal Year Total		<b>470</b>	<b>0</b>	<b>440</b>	<b>50</b>	<b>2,000</b>
		<b>Total FY 03-06 Cost</b>			<b>960</b>	

**MPMS# 14060**      **PA 352, CHESTER ROAD**  
 TIP# 6530            AT BOOT ROAD  
                          RESTORATION AND REALIGNMENT  
 AQ Code X            East Goshen Twp.

Accrued Unbilled Costs  
 This project consists of a minor realignment of the existing "Y" intersection by slightly widening both legs, pavement patching, and drainage improvements.

		TIP Program Years (\$ 000)				Later FYs
Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	STU	185				
Fiscal Year Total		<b>185</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
		<b>Total FY 03-06 Cost</b>			<b>185</b>	

**MPMS# 14112**      **US 1 Bypass, TR 41-Baltimore Pike**  
 TIP#  
 AQ Code

Accrued Unbilled Costs

		TIP Program Years (\$ 000)				Later FYs
Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON		171				
Fiscal Year Total		<b>171</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
		<b>Total FY 03-06 Cost</b>			<b>171</b>	

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## Pennsylvania - Highway Program

### Chester

**MPMS# 14134**      **West Bridge Street (Bridge)**  
 TIP# 6858              Over Amtrak  
                              Bridge Replacement  
 AQ Code X              Parkesburg Boro.

The existing two lane bridge with sidewalks on both sides is currently closed to traffic. It will be replaced with a two lane bridge with minimal shoulders and sidewalks on both sides.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
CON	BRIDGE			800		
CON	B-STATE			150		
CON	LOCAL			50		
CON	BRIDGE				1,258	
CON	B-STATE				236	
CON	LOCAL				79	
Fiscal Year Total		0	0	1,000	1,573	0
		Total FY 03-06 Cost			2,573	

**MPMS# 14167**      **Westtowne Rd.(Bridge) over Chester Creek**  
 TIP#                      over East branch of Chester Creek  
                              Emergency Bridge Replacement  
 AQ Code X              Thornbury and Westtown Townships

Emergency Bridge Replacement

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
FD	B-STATE	550				
ROW	B-STATE		50			
CON	BRIDGE		866			
CON	TOLL-MAT		216			
Fiscal Year Total		550	1,132	0	0	0
		Total FY 03-06 Cost			1,682	

**MPMS# 14199**      **Westtown Thornton (Bridge)**  
 TIP# 6740              Over West Branch of Chester Creek  
                              Bridge Replacement  
 AQ Code X              Thornbury Twp.

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
		FY 2003	FY 2004	FY 2005	FY 2006	
ROW	B-STATE	50				
CON	BRIDGE		800			
CON	B-STATE		200			
Fiscal Year Total		50	1,000	0	0	0
		Total FY 03-06 Cost			1,050	

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## Pennsylvania - Highway Program

### Chester

**MPMS# 14200**      **Speakman's Covered Bridge - Frog Hollow/**  
 TIP# 6966            Hephzibah Hill Rd. over Buck Run  
                              Bridge Rehabilitation  
 AQ Code X            East Fallowfield Twp.

Rehabilitation of this covered bridge.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
ROW	B-STATE	50				
CON	B-STATE			700		
Fiscal Year Total		50	0	700	0	0
Total FY 03-06 Cost					750	

**MPMS# 14202**      **Landenburg Road (Bridge)**  
 TIP# 6583            Over East Branch of White Clay Creek  
                              Bridge Replacement  
 AQ Code X            New Garden Twp.

Replace the existing two lane, 20' wide bridge. The new structure will have two 10' lanes with 4' shoulders.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
UTL	B-STATE		20			
ROW	B-STATE		100			
CON	B-STATE				1,600	
Fiscal Year Total		0	120	0	1,600	0
Total FY 03-06 Cost					1,720	

**MPMS# 14203**      **Strasburg Road (Bridge)**  
 TIP# 6579            Over West Branch of Brandywine Creek  
                              Bridge Replacement  
 AQ Code X            East Fallowfield Twp.

This project involves building a new two lane bridge with shoulders next to the existing narrow, two lane historic bridge in the Village of Mortonville, and associated drainage improvements. The existing bridge may be kept for pedestrian use.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD		138				
FD	B-STATE	34				
UTL	B-STATE	50				
ROW	B-STATE	250				
CON	TBD					3,584
Fiscal Year Total		472	0	0	0	3,584
Total FY 03-06 Cost					472	

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## Pennsylvania - Highway Program

### Chester

**MPMS# 14206**      **Yellow Springs Rd. Bridge**  
 TIP# 6968            over Pickering Creek  
                          Bridge Replacement  
 AQ Code X            West Pikeland Twp.

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

		TIP Program Years (\$ 000)				Later FYs
Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	BRIDGE		176			
FD	B-STATE		44			
ROW	BRIDGE		40			
ROW	B-STATE		10			
CON	TBD					1,100
Fiscal Year Total		0	270	0	0	1,100
		<b>Total FY 03-06 Cost</b>		<b>270</b>		

**MPMS# 14208**      **London Tract Road (Bridge)**  
 TIP# 6651            Over White Clay Creek  
                          Bridge Replacement  
 AQ Code X            London Britain Twp.

The existing one lane bridge will be replaced with a two lane bridge with shoulders.

		TIP Program Years (\$ 000)				Later FYs
Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	B-STATE		2,240			
Fiscal Year Total		0	2,240	0	0	0
		<b>Total FY 03-06 Cost</b>		<b>2,240</b>		

**MPMS# 14213**      **Chestnut Tree Road (Bridge)**  
 TIP# 6856            Over E. Branch of Brandywine Creek  
                          Bridge Replacement  
 AQ Code X            West Nantmeal Twp., Honey Brook Twp.

The existing narrow two lane bridge will be replaced with a two lane bridge with minimal shoulders. The bridge is located in a historic district.

		TIP Program Years (\$ 000)				Later FYs
Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	BRIDGE		1,600			
CON	B-STATE		400			
Fiscal Year Total		0	2,000	0	0	0
		<b>Total FY 03-06 Cost</b>		<b>2,000</b>		

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## Pennsylvania - Highway Program

### Chester

**MPMS# 14236**      **Washington Road Bridge**  
 TIP# C18              over Culbertson Road  
                             Bridge Replacement  
 AQ Code X            East Brandywine Township

Replace bridge.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
PE	B-STATE	150				
FD	B-STATE			150		
CON	TBD					500
Fiscal Year Total		<b>150</b>	<b>0</b>	<b>150</b>	<b>0</b>	<b>500</b>
		<b>Total FY 03-06 Cost</b>			<b>300</b>	

**MPMS# 14246**      **State St. (Bridge, E of Indian Run Rd.)**  
 TIP# 6916            East of Indian Run Road, over Indian Run  
                             Bridge Replacement  
 AQ Code X            Avondale Boro.

Replace narrow borough bridge with full width travel lanes and shoulders, including one pedestrian walkway.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
UTL	BRIDGE		40			
UTL	B-STATE		7			
UTL	LOCAL		2			
ROW	BRIDGE		8			
ROW	B-STATE		2			
ROW	LOCAL		1			
CON	TBD					700
Fiscal Year Total		<b>0</b>	<b>60</b>	<b>0</b>	<b>0</b>	<b>700</b>
		<b>Total FY 03-06 Cost</b>			<b>60</b>	

**MPMS# 14270**      **Reid Rd. (Bridge)**  
 TIP# 6918            over West Branch of Brandywine Creek  
                             Bridge Replacement  
 AQ Code X            West Caln Twp., West Brandywine Twp.

Replace narrow county bridge #283 with full width travel lanes and shoulders.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
FD	B-STATE	360				
FD	LOCAL	90				
ROW	B-STATE		48			
ROW	LOCAL		12			
CON	TBD					900
Fiscal Year Total		<b>450</b>	<b>60</b>	<b>0</b>	<b>0</b>	<b>900</b>
		<b>Total FY 03-06 Cost</b>			<b>510</b>	

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## Pennsylvania - Highway Program

### Chester

**MPMS# 14272**      **VALLEY WILLOW ROAD (Bridge)**  
 TIP# 6899            OVER BRANCH OF WHITE CLAY  
                          BRIDGE REPLACEMENT  
 AQ Code X            London Grove Twp.

The existing two lane bridge will be replaced in kind.

		TIP Program Years (\$ 000)				Later FYs
Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	B-STATE	29				
FD	LOCAL	8				
UTL	B-STATE	80				
UTL	LOCAL	20				
Fiscal Year Total		<b>137</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
		<b>Total FY 03-06 Cost</b>			<b>137</b>	

**MPMS# 14294**      **Hopewell Road (Bridge)**  
 TIP# 6794            Over Tweed Creek  
                          Bridge Replacement  
 AQ Code X            East Nottingham Twp.

This project involves replacing the existing two lane bridge (western-most crossing) with a two lane bridge with shoulders, and drainage and guiderail improvements.

		TIP Program Years (\$ 000)				Later FYs
Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	B-STATE	1,035				
Fiscal Year Total		<b>1,035</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
		<b>Total FY 03-06 Cost</b>			<b>1,035</b>	

**MPMS# 14296**      **US 30, Lancaster Avenue**  
 TIP# 6594            at Waterloo Road  
                          Addition of left turn lanes and signals  
 AQ Code X            Easttown Twp.

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

		TIP Program Years (\$ 000)				Later FYs
Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
ROW	HWY	480				
ROW	H-STATE	120				
CON	HWY				2,800	
CON	H-STATE				700	
Fiscal Year Total		<b>600</b>	<b>0</b>	<b>0</b>	<b>3,500</b>	<b>0</b>
		<b>Total FY 03-06 Cost</b>			<b>4,100</b>	

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## Pennsylvania - Highway Program

### Chester

**MPMS# 14325**      **PA 926, Street Road (Bridge)**  
 TIP# 6655              Over Chester Creek  
                              Bridge Replacement  
 AQ Code X              Thornbury Twp., Westtown Twp.

Replacement of the existing two lane bridge with no shoulders with a two lane bridge with shoulders. Perform minor drainage and roadway improvements at the intersection with Westtown Rd.

		TIP Program Years (\$ 000)				Later FYs
Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	B-STATE	1,000				
Fiscal Year Total		1,000	0	0	0	0
		Total FY 03-06 Cost		1,000		

**MPMS# 14327**      **PA 926 (Bridge)**  
 TIP# 6951              over Brandywine Creek (west of PA 100)  
                              Bridge Replacement  
 AQ Code X              Birmingham Twp.

Current structure is failing and is posted. Bridge replacement and improve roadway approaches.

		TIP Program Years (\$ 000)				Later FYs
Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
UTL	B-STATE	50				
ROW	B-STATE	100				
FD	B-STATE		100			
CON	B-STATE					3,000
CON	B-STATE					1,500
Fiscal Year Total		150	100	0	0	4,500
		Total FY 03-06 Cost		250		

**MPMS# 14329**      **Harmonyville Road (Bridge)**  
 TIP# 6687              Over Pine Creek  
                              Bridge Replacement  
 AQ Code X              Warwick Twp.

Replace the existing two lane bridge with no shoulders with a two lane bridge with 4' shoulders and provide visual mitigation.

		TIP Program Years (\$ 000)				Later FYs
Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	B-STATE	112				
ROW	B-STATE	27				
CON	B-STATE		1,030			
Fiscal Year Total		139	1,030	0	0	0
		Total FY 03-06 Cost		1,169		



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## Pennsylvania - Highway Program

### Chester

**MPMS# 14337**      **Harmonyville Rd. Bridge II**  
 TIP# 6965              over French Creek  
                                  Bridge Replacement  
 AQ Code X              Warwick Twp.

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

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
PE	B-STATE	315				
FD	B-STATE			374		
ROW	B-STATE			40		
CON	B-STATE					1,000
Fiscal Year Total		315	0	414	0	1,000
		Total FY 03-06 Cost			729	

**MPMS# 14339**      **North Creek Road Bridge**  
 TIP# C16              over West Branch of White Clay Creek  
                                  Bridge Replacement  
 AQ Code X              London Britain Township

Replace bridge.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
PE	B-STATE		355			
FD	B-STATE			150		
CON	TBD					450
Fiscal Year Total		0	355	150	0	450
		Total FY 03-06 Cost			505	

**MPMS# 14354**      **Chestnut Street (Bridge)**  
 TIP# 6902              Over Amtrak/SEPTA R5  
                                  Bridge Replacement  
 AQ Code X              Downingtown Boro.

The existing two lane bridge with minimal shoulders will be replaced in kind, with a minor improvement to the vertical crest.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
ROW	BRIDGE	800				
ROW	B-STATE	150				
ROW	LOCAL	50				
CON	BRIDGE			2,000		
CON	B-STATE			375		
CON	LOCAL			125		
Fiscal Year Total		1,000	0	2,500	0	0
		Total FY 03-06 Cost			3,500	

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## Pennsylvania - Highway Program

### Chester

MPMS# 14402      *PA 29, Phoneixville Pike*  
 TIP# 6624      At Charlestown Road  
                  Intersection Improvements  
 AQ Code X      Charlestown Twp.

Widening to accommodate a left turn only lane and a right turn/through lane on all four approaches.

		TIP Program Years (\$ 000)				Later FYs
Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	STU	2,080				
CON	TOLL-MAT	520				
CON	STU		300			
CON	TOLL-MAT		75			
Fiscal Year Total		2,600	375	0	0	0
		Total FY 03-06 Cost			2,975	

MPMS# 14461      *US 322, Downingtown West Chester Road*  
 TIP# 6732      At US Business 322  
                  Relocate, Channelize, Install Signs  
 AQ Code X      East Bradford Twp.

This project consists of the addition of two traffic signals, intersection realignment, widening to accommodate left turn lanes on Business Rt. 322, and the installation of a median barrier in certain locations to prevent left turns.

		TIP Program Years (\$ 000)				Later FYs
Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON			99			
CON	STU		394			
Fiscal Year Total		0	493	0	0	0
		Total FY 03-06 Cost			493	

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## Pennsylvania - Highway Program

### Chester

MPMS# 14484 PA 41 Study  
 TIP# 6719 Delaware State Line to PA 926  
 Study of New Construction/New Capacity  
 AQ Code 2015M Avondale Boro.

Continue to study alternatives and complete environmental study. 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 cost estimates for the construction phase serve more as a public notice of potential costs for future budgetary purposes.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
PE	DEMO	1,618				
PE	H-STATE	405				
R/U	TBD					17,500
FD	TBD					30,000
CON	TBD					75,000
Fiscal Year Total		2,023	0	0	0	122,500
		Total FY 03-06 Cost			2,023	

MPMS# 14492 Pickering Road (Bridge #315)  
 TIP# 6934 over Pickering Creek  
 Bridge Replacement  
 AQ Code X East Pikeland Twp.

Replace bridge.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
FD	B-STATE		168			
FD	LOCAL		42			
CON	B-STATE		560			
CON	LOCAL		140			
Fiscal Year Total		0	910	0	0	0
		Total FY 03-06 Cost			910	

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## Pennsylvania - Highway Program

### Chester

**MPMS# 14500**      **PA 113**  
 TIP# 6909              Gordon Dr. - Davis Rd. (over PA Tpk.)  
                                 Roadway Improvement  
 AQ Code 2005M      Uwchlan Twp.

Provide an additional through lane and turn lane and replace bridge (less than one mile) over PA Turnpike.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
UTI	HWY	90				
UTI	B-STATE	22				
CON	HWY	800				
CON	B-STATE	200				
CON	HWY		4,941			
CON	B-STATE		1,235			
Fiscal Year Total		<b>1,112</b>	<b>6,176</b>	<b>0</b>	<b>0</b>	<b>0</b>
			<b>Total FY 03-06 Cost</b>		<b>7,288</b>	

**MPMS# 14501**      **PA 113, KIMBERTON ROAD**  
 TIP# 6772              AT PA 401 (CONESTOGA ROAD)  
                                 SAFETY IMPROVEMENT, CHANNELIZATION  
 AQ Code X              West Pikeland Twp.

Add left turn lanes on all four approaches.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	STU	880				
CON	H-STATE	220				
Fiscal Year Total		<b>1,100</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
			<b>Total FY 03-06 Cost</b>		<b>1,100</b>	

**MPMS# 14504**      **PA 52**  
 TIP# 6905              PA 926 - US 1  
                                 Relocation  
 AQ Code 2015M      East Marlborough Twp., Kennett Twp., Pennsbury Twp.

Construct 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.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
ROW	STU		400			
ROW	H-STATE		100			
CON	STU				1,600	
CON	H-STATE				400	
CON	TBD					3,500
Fiscal Year Total		<b>0</b>	<b>500</b>	<b>0</b>	<b>2,000</b>	<b>3,500</b>
			<b>Total FY 03-06 Cost</b>		<b>2,500</b>	

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## Pennsylvania - Highway Program

### Chester

MPMS# 14515 PA 100

TIP# 6906 Shoen Rd. to Gordon Dr.  
Widening and CMS Improvements  
AQ Code 2005M Uwchlan Twp., West Whiteland Twp.

Provide an additional travel lane in each direction and implement CMS type improvements.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
ROW	LOCAL	100				
CON	HWY				800	
CON	H-STATE				200	
CON	TBD					6,000
Fiscal Year Total		100	0	0	1,000	6,000
		Total FY 03-06 Cost			1,100	

MPMS# 14532 US 30, Coatesville Downingtown Bypass

TIP# 6929 PA 10 to Exton Bypass  
Reconstruction  
AQ Code X Various Municipalities

Safety and congestion problems due to substandard design of ramps and poor condition of shoulders and travel lanes. Reconstruct several on and off ramps; reconstruct shoulders and travel lanes.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
PE	DEMO		500			
PE	H-STATE		125			
FD	HWY				3,200	
FD	DEMO				600	
FD	H-STATE				950	
FD	TBD					4,850
CON	TBD					250,000
Fiscal Year Total		0	625	0	4,750	254,850
		Total FY 03-06 Cost			5,375	

MPMS# 14541 US 1, Baltimore Pike

TIP# 6779 Kennett Square Bypass to Bayard Road  
Phase 2 of Partnership  
AQ Code 2005M East Marlborough Twp.

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.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
CON	H-STATE				3,763	
Fiscal Year Total		0	0	0	3,763	0
		Total FY 03-06 Cost			3,763	

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## Pennsylvania - Highway Program

### Chester

MPMS# 14546      **US 202 (SECTION 402), SWEDESFORD RD. TO**  
 TIP# 6799      OLD EAGLE SCHOOL RD. (see #8382)  
                     WIDENING AND ACCESS IMPROVEMENTS  
 AQ Code 2002M      Tredyffrin Twp.

US 202 stretches from Wilmington, Delaware to Bangor, Maine. In the DVRPC region, US 202 covers 61 miles, traversing 27 municipalities. 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 eight sections. The limits of Section 400 are from PA 252 to I-76. Traffic volumes in this section of US 202 exceed 80,000 AADT.

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 and cost estimates include subsidies to SEPTA for new transit service (e.g. Route 204, Route 208, Route 99 Extension, and R5 Enhanced service) and a localized rideshare program for Chester and Montgomery Counties.

This project is an advance construction conversion.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	HWY	4,000				
CON	HWY	455				
CON	H-STATE	114				
CON	HWY		560			
CON	H-STATE		140			
CON	HWY			552		
CON	H-STATE			138		
Fiscal Year Total		<b>4,569</b>	<b>700</b>	<b>690</b>	<b>0</b>	<b>0</b>
			<b>Total FY 03-06 Cost</b>		<b>5,959</b>	

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## Pennsylvania - Highway Program

### Chester

MPMS# 14569      *PA 100, Pottstown Pike*  
 TIP# 6782              at Park Road  
                                  Intersection Improvement  
 AQ Code X              Upper Uwchlan Twp.

Widen the intersection to accommodate left turn lanes on all approaches and install a new traffic signal.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
UTL	HWY	80				
UTL	H-STATE	20				
FD	SAFETY		22			
FD	H-STATE		3			
CON	SAFETY		1,087			
CON	SAFETY		317			
CON	H-STATE		121			
CON	H-STATE		35			
CON	LOCAL		12			
Fiscal Year Total		<b>100</b>	<b>1,597</b>	<b>0</b>	<b>0</b>	<b>0</b>
			<b>Total FY 03-06 Cost</b>		<b>1,697</b>	

MPMS# 14572      *US 30 Bypass at PA 113 (Uwchlan Ave.)*  
 TIP# 6715

                                 Interchange Improvement  
 AQ Code 2015M              East Caln Twp.

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.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	HWY	4,032				
CON	H-STATE	850				
CON	H-STATE	1,200				
CON	H-STATE	1,008				
Fiscal Year Total		<b>7,090</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
			<b>Total FY 03-06 Cost</b>		<b>7,090</b>	

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## Pennsylvania - Highway Program

### Chester

MPMS# 14576 **US 30, LANCASTER AVENUE/LINCOLN HIGHWAY**  
 TIP# 6803 PA 252 (LEOPARD RD)-DELAWARE COUNTY LINE  
 RESTORATION  
 AQ Code X Tredyffrin Twp., Easttown Twp.

FY03 Betterment Project - \$3.540 Million NHS/\$1.863 Million STU and \$1.351TOLL Match  
 Road restoration including drainage improvements, curbing and shoulder reconstruction, milling, repaving, signal modernization, and guiderail improvements.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	HWY	3,540				
CON	TOLL-MAT	1,351				
CON	STU	1,863				
Fiscal Year Total		<b>6,754</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
			<b>Total FY 03-06 Cost</b>		<b>6,754</b>	

MPMS# 14580 **US 1 Restoration**  
 TIP# C23 PA 472 - PA 896  
 Roadway Restoration  
 AQ Code X Oxford Boro, Lower Oxford Twp., Upper Oxford Twp.

Preventive maintenance, including concrete rehabilitation, upgrade shoulders and guiderail, stabilize slopes. Work will also include ramps.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	S-MAINT	200				
UTL	S-MAINT		50			
ROW	S-MAINT		50			
CON	HWY				4,000	
CON	S-MAINT				1,000	
CON	TBD					11,000
Fiscal Year Total		<b>200</b>	<b>100</b>	<b>0</b>	<b>5,000</b>	<b>11,000</b>
			<b>Total FY 03-06 Cost</b>		<b>5,300</b>	



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## Pennsylvania - Highway Program

### Chester

MPMS# 14581      **US 1 Expressway**  
 TIP# 6960              PA 896 to PA 41  
                                  Reconstruction  
 AQ Code X              Penn Twp., London Grove Twp.

Pavement patching, shoulder reconstruction, and guiderail and sign upgrade.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	STU				4,000	
CON	S-MAINT				1,000	
CON	STU					11,200
CON	S-MAINT					2,800
Fiscal Year Total		0	0	0	5,000	14,000
Total FY 03-06 Cost					5,000	

MPMS# 14587      **Springton Rd. (Bridge)**  
 TIP#                      over branch of Indian Run  
                                  Bridge Replacement  
 AQ Code X              Wallace Township

Replace bridge.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	B-STATE	135				
ROW	B-STATE		60			
Fiscal Year Total		135	60	0	0	0
Total FY 03-06 Cost					195	

MPMS# 14594      **Clover Mill Rd. Bridge**  
 TIP# 6967              over Pickering Creek  
                                  Bridge Replacement  
 AQ Code X              West Pikeland Twp.

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

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	B-STATE	200				
ROW	B-STATE		50			
CON	TBD					1,200
Fiscal Year Total		200	50	0	0	1,200
Total FY 03-06 Cost					250	

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## Pennsylvania - Highway Program

### Chester

**MPMS# 14602**      **Fairview Road Bridge(Culvert)**

TIP# C19                      over Beaver Run  
                                     Culvert Replacement  
 AQ Code X                    East Nantmeal Township

Culvert Replacement

TIP Program Years (\$ 000)				
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Later FYs
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Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
PE	B-STATE		150			
FD	B-STATE			150		
CON	TBD					400
Fiscal Year Total		0	150	150	0	400
<b>Total FY 03-06 Cost</b>					<b>300</b>	

**MPMS# 14613**      **PA 41, Gap Newport Road**

TIP# 6813                    at New Baltimore Pike  
                                     Intersection Improvement  
 AQ Code X                    London Grove Twp.

Realign intersection approaches to form a "T" intersection and add left turn lanes on all approaches.

TIP Program Years (\$ 000)				
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Later FYs
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Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	HWY	267				
FD	H-STATE	67				
CON	SAFETY			2,178		
CON	H-STATE			242		
Fiscal Year Total		334	0	2,420	0	0
<b>Total FY 03-06 Cost</b>					<b>2,754</b>	

**MPMS# 14629**      **PA 100 Eagle Loop Road - S. Link**

TIP# 6907                    I-76, PA Turnpike to Fellowship Rd.  
                                     Road Relocation  
 AQ Code 2015M              Upper Uwchlan Twp.

Construct a road relocation to the east of the Village of Eagle. The facility will be two lanes with a center turn lane and will be adaptable for future widening if warranted.

TIP Program Years (\$ 000)				
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Later FYs
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Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	H-STATE	1,500				
CON	LOCAL	1,020				
Fiscal Year Total		2,520	0	0	0	0
<b>Total FY 03-06 Cost</b>					<b>2,520</b>	

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## Pennsylvania - Highway Program

### Chester

**MPMS# 14663**      **Chester Valley Trail, Phase I (Sec 3/3)**  
 TIP# 6841A      Route 29 to Church Farm School Road  
                          Construct Trail  
 AQ Code X      Tredyffrin Twp., E. & W. Whiteland Twps., Upper Merion

The Chester Valley Trail will link Valley Forge National Historic Park, the Schuylkill River Trail, and the county-owned Struble Trail. The 15 mile long multimodal trail will primarily follow the abandoned Chester Valley Railroad and will convert rail to trail. It will be a paved surface ten to twelve feet wide. 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, 14675, and 16705.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
FD	H-TE	200				
FD	LOCAL	50				
ROW	H-TE		112			
ROW	LOCAL		28			
CON	TBD					1,400
Fiscal Year Total		<b>250</b>	<b>140</b>	<b>0</b>	<b>0</b>	<b>1,400</b>
		<b>Total FY 03-06 Cost</b>				<b>390</b>

**MPMS# 14675**      **Chester Valley Trail, Phase I (Sec 2/3)**  
 TIP# 6841B      Old Eagle School Rd to Route 29  
                          Construct Pedestrian/Bike Trail  
 AQ Code X      E. Whiteland, W. Whiteland, Tredyffrin, U Merion

Design and construction of multi-use trail. 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.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
FD	H-TE	200				
FD	LOCAL	50				
ROW	H-TE		112			
ROW	LOCAL		28			
CON	TBD					1,400
Fiscal Year Total		<b>250</b>	<b>140</b>	<b>0</b>	<b>0</b>	<b>1,400</b>
		<b>Total FY 03-06 Cost</b>				<b>390</b>

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## Pennsylvania - Highway Program

**Chester**

MPMS# 14697      *US 30*  
 TIP#                      PA 340 - US 30 Business  
                                  Preventive Maintenance

AQ Code X

This project consists of pavement and shoulder rehabilitation and bridge deck and superstructure repairs. It is part of the Preventative Maintenance Program for FY03.  
 10/24/02- \$8.8 million HWY/\$1.1 million Toll Credit

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
CON	HWY	8,800				
CON	TOLL-MAT	1,100				
CON	HWY		800			
CON	H-STATE		64			
CON	H-STATE		200			
Fiscal Year Total		<b>9,900</b>	<b>1,064</b>	<b>0</b>	<b>0</b>	<b>0</b>
			<b>Total FY 03-06 Cost</b>		<b>10,964</b>	

MPMS# 14698      *US 422 - Berks Co. to Schuylkill River*  
 TIP# 6920  
                                  Reconstruction and Interchange Upgrades  
                                  North Coventry Twp., West Pottsgrove Twp.

AQ Code X

This project consists of base repair, overlay, replacement of concrete median, and slope stabilization.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
PE	HWY		800			
PE	H-STATE		200			
FD	HWY				4,400	
FD	H-STATE				1,100	
CON	TBD					41,600
Fiscal Year Total		<b>0</b>	<b>1,000</b>	<b>0</b>	<b>5,500</b>	<b>41,600</b>
			<b>Total FY 03-06 Cost</b>		<b>6,500</b>	

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## Pennsylvania - Highway Program

### Chester

**MPMS# 14699**      **PA 113, Gay St. (Bridge)**  
 TIP# 6923              over French Creek and Conrail  
                                  Bridge Replacement  
 AQ Code X              Phoenixville Boro.

Replace "High Bridge." Initial step will be an alternatives analysis to determine most appropriate option for replacement of this deteriorating bridge.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
FD	BRIDGE	320				
FD	B-STATE	80				
UTL	BRIDGE	40				
UTL	B-STATE	10				
PE	BRIDGE		120			
PE	B-STATE		30			
ROW	BRIDGE		200			
ROW	B-STATE		50			
CON	TBD					8,500
Fiscal Year Total		<b>450</b>	<b>400</b>	<b>0</b>	<b>0</b>	<b>8,500</b>
		<b>Total FY 03-06 Cost</b>			<b>850</b>	

**MPMS# 15385**      **US 202 (Section 100)**  
 TIP# 6741              Matlack Street to Delaware State Line  
                                  Traffic Flow Improvements  
 AQ Code 2015M      Various

Provide an additional lane in each direction, construct grade separated interchanges at appropriate locations, and improve access management. This project is currently in the draft environmental impact statement phase. 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, 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.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
DES	HWY					6,400
DES	H-STATE					1,600
ROW	HWY					33,600
ROW	H-STATE					8,400
CON	HWY					160,000
CON	H-STATE					40,000
Fiscal Year Total		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>250,000</b>
		<b>Total FY 03-06 Cost</b>			<b>0</b>	

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## Pennsylvania - Highway Program

**Chester**

**MPMS# 16738**      **US 422 - Chester County to Park Rd.**  
 TIP# 8767

AQ Code X      Reconstruction and Interchange Upgrades  
 Lower Pottsgrove Twp.

This project consists of base repair, overlay, and bridge deck and superstructure repair.  
 The final design component of MPMS #64222 is being handled in this project.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
PE	HWY		1,200			
PE	H-STATE		300			
FD	HWY			1,200		
FD	H-STATE			1,000		
CON	TBD					57,200
Fiscal Year Total		0	1,500	2,200	0	57,200
		Total FY 03-06 Cost			3,700	

**MPMS# 36613**      **Baltimore Pike Grade Crossing**  
 TIP# C25      at Octoraro RR (AAR# 592824H)  
 RR Warning Devices  
 AQ Code X      Pennsbury Twp

Install grade crossing railroad warning devices.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
ROW	SAFETY	360				
CON	TBD					700
Fiscal Year Total		360	0	0	0	700
		Total FY 03-06 Cost			360	

**MPMS# 47136**      **Paoli Pike**  
 TIP# 6915      at Five Points Rd.  
 Intersection Improvement  
 AQ Code X      West Goshen Twp.

Provide left turn lanes on all four approaches.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
ROW	H-STATE	50				
CON	H-STATE		654			
Fiscal Year Total		50	654	0	0	0
		Total FY 03-06 Cost			704	

# DVRPC FY 2003-2006 TIP for PA

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## Pennsylvania - Highway Program

### Chester

MPMS# 47137 PA 41 at Zook Rd.  
TIP# 6930

AQ Code X Intersection Improvement  
West Sadsbury Twp.

Add left turn lanes of both approaches of PA 41 and widen bridge over Octoraro Creek.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006
FD	DEMO		80		
FD	H-STATE		20		
ROW	DEMO		240		
ROW	H-STATE		60		
CON	DEMO		1,600		
CON	H-STATE		400		

Fiscal Year Total	0	2,400	0	0	0
		Total FY 03-06 Cost		2,400	

MPMS# 47312 US 322, Main St.  
TIP# 6924 at PA 10, Conestoga Ave.  
AQ Code X Intersection Improvement  
Honeybrook Boro.

Modernize traffic signals, minor roadway realignment, and improved channelization.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006
FD	H-STATE	100			
FD	H-STATE		200		
ROW	H-STATE		50		
CON	TBD				400

Fiscal Year Total	100	250	0	0	400
		Total FY 03-06 Cost		350	

MPMS# 47407 Brandywine Creek Rd. (Bridge)  
TIP# Over west branch of Brandywine Creek  
AQ Code X Culvert Replacement  
Warrington Township

Replace bridge.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006
FD	B-STATE	166			
ROW	B-STATE		40		

Fiscal Year Total	166	40	0	0	0
		Total FY 03-06 Cost		206	

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## Pennsylvania - Highway Program

### Chester

**MPMS# 47408**      **Suplee Rd. (bridge)**  
 TIP#                      over west branch of Brandywine Creek  
                                  Culvert Replacement  
 AQ Code X              Honeybrook Township

Replace bridge.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	B-STATE	151				
Fiscal Year Total		151	0	0	0	0
<b>Total FY 03-06 Cost</b>					<b>151</b>	

**MPMS# 47421**      **PA 41 Safety**  
 TIP# 6928              US 30 TO PA 926  
                                  Intersection/Corridor Improvements  
 AQ Code X              Various Municipalities

Traffic safety improvements at various intersections and along the corridor.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	DEMO		1,600			
FD	H-STATE		400			
FD	DEMO			800		
FD	H-STATE			200		
CON	TBD					6,250
Fiscal Year Total		0	2,000	1,000	0	6,250
<b>Total FY 03-06 Cost</b>					<b>3,000</b>	

**MPMS# 47979**      **Paoli Transportation Center**  
 TIP# 6910              US 30 and Paoli Pike  
                                  Traffic Flow Improvements  
 AQ Code X              Willistown Twp., Tredyffrin Twp.

This project consists of the traffic and circulation components of the Paoli Transportation Center relocation, including intersection relocation, channelization, and pedestrian accessibility.  
  
 The transit components of this project are programmed in the SEPTA section under MPMS #60574.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
PE	CMAQ				800	
PE	H-STATE				200	
FD	CMAQ				400	
FD	H-STATE				100	
CON	TBD					11,000
Fiscal Year Total		0	0	0	1,500	11,000
<b>Total FY 03-06 Cost</b>					<b>1,500</b>	



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## Pennsylvania - Highway Program

### Chester

**MPMS# 47980**      **Downingtown Closed Loop Signal System**

TIP# 6911      US 30, PA 113, and US 322

Closed Lloop Signal System

AQ Code 2005M      Downingtown Boro.

Install closed loop traffic signal system.

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

**Later FYs**

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	CMAQ	30				
ROW	CMAQ	20				
CON	CMAQ				1,470	
Fiscal Year Total		50	0	0	1,470	0
Total FY 03-06 Cost					1,520	

**MPMS# 47981**      **Phoenixville Closed Loop Signal System**

TIP# 6912      PA 23, PA 29, and PA 113

Closed Loop Signal System

AQ Code 2015M      Phoenixville Boro.

Install closed loop traffic signal system.

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

**Later FYs**

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	CMAQ	160				
FD	LOCAL	40				
UTL	CMAQ		100			
ROW	CMAQ		100			
CON	CMAQ			2,000		
Fiscal Year Total		200	200	2,000	0	0
Total FY 03-06 Cost					2,400	

**MPMS# 47982**      **S. Keim Br #270 / Small Run**

TIP# C26      Over Small Run

Bridge Replacement

AQ Code X

Replace narrow county bridge #270 in North Coventry Township over Small Run with full width travel lanes and shoulders. Narrow b

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

**Later FYs**

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	B-STATE		180			
FD	LOCAL		45			
ROW	B-STATE		32			
ROW	LOCAL		8			
CON	TBD					500
Fiscal Year Total		0	265	0	0	500
Total FY 03-06 Cost					265	

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## Pennsylvania - Highway Program

### Chester

**MPMS# 50518**      **Downingtown Streetscape**

TIP# 6935

AQ Code X

Downingtown Boro.

The goal of this project is to create a pedestrian scale shopping district along historic US 30. The project includes thirty new historically accurate cast iron street lights, fifty-eight street trees, benches, bus shelters, bike racks, banner poles, and trash receptacles. Two parks will also be redesigned, and the US 322/US 30 intersection will be reconfigured and landscaped.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	TOLL-MAT				217	
CON	H-TE				868	
Fiscal Year Total		0	0	0	1,085	0
					<b>Total FY 03-06 Cost</b>	<b>1,085</b>

**MPMS# 50519**      **Phoenix Column Truss Bridge**

TIP# 6936

Over French Creek

Bridge rehabilitation

AQ Code X

Phoenixville Boro.

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

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	TOLL-MAT		134			
CON	H-TE		534			
Fiscal Year Total		0	668	0	0	0
					<b>Total FY 03-06 Cost</b>	<b>668</b>

**MPMS# 50662**      **Green Valley Road Bridge Replacement**

TIP#

Over Tributary of Brandywine Creek

Bridge Replacement

AQ Code X

Newlin Township

Replace this bridge with a two lane structure.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	B-STATE		120			
Fiscal Year Total		0	120	0	0	0
					<b>Total FY 03-06 Cost</b>	<b>120</b>

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## Pennsylvania - Highway Program

### Chester

**MPMS# 57659**      **French Creek Parkway**  
 TIP# 6937              PA113 to Bridge St. (Phoenix Steel site)  
                                  New Collector Road  
 AQ Code 2015M      Phoenixville Boro.

A 120 acre parcel is scheduled for redevelopment consisting of office, retail and residential uses. Site would also contain a train station for the proposed Schuylkill Valley Metro. This redevelopment is estimated to create over 5,000 jobs.

Construct collector road to serve uses in redeveloped area consisting of one lane by direction with left turn lanes where needed; construct two bridges to carry road over French Creek.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
FD	LOCAL		800			
UTL	LOCAL		50			
ROW	LOCAL			2,000		
CON	TBD					6,000
Fiscal Year Total		0	850	2,000	0	6,000
		Total FY 03-06 Cost			2,850	

**MPMS# 57663**      **PA 401**  
 TIP# 6947              at Fellowship Rd.  
                                  Channelization/Safety  
 AQ Code X              Upper Uwchlan

Safety problems due to lack of channelization and poor alignment. Provide left-turn lanes on both approaches of PA 401; improve alignment.

Improvements proposed by developer.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
DES	LOCAL	110				
CON	HWY					600
CON	H-STATE					150
Fiscal Year Total		110	0	0	0	750
		Total FY 03-06 Cost			110	

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## Pennsylvania - Highway Program

### Chester

**MPMS# 57664**      **Newark Rd.**  
 TIP# 6948              at Hillendale Rd.  
                                  Channelization/Signal  
 AQ Code X              New Garden Twp.

Safety problems exist due to poor roadway geometry. Improve roadway geometry and provide signalization.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
PE	H-STATE		270			
ROW	H-STATE			100		
CON	TBD					500
Fiscal Year Total		0	270	100	0	500
		Total FY 03-06 Cost			370	

**MPMS# 57676**      **Wagontown Rd.**  
 TIP# 6950              Reconstruction, Repair Flood Damage  
 AQ Code X              Valley Twp.

Portion of roadway suffered severe damage as a result of flooding. Reconstruct roadway.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	STU	800				
CON	LOCAL	200				
Fiscal Year Total		1,000	0	0	0	0
		Total FY 03-06 Cost			1,000	

**MPMS# 57678**      **Gulph Rd. (Bridge)**  
 TIP# 6952              over Trout Run, east of Glenhardie Rd.  
 AQ Code X              Bridge Replacement  
                                  Tredyffrin

Replace bridge.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	B-STATE		255			
UTL	B-STATE		90			
ROW	B-STATE		30			
CON	TBD					500
Fiscal Year Total		0	375	0	0	500
		Total FY 03-06 Cost			375	

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## Pennsylvania - Highway Program

### Chester

**MPMS# 57679**      **State Rd. (Bridge)**  
 TIP# 6953            over White Clay Creek (east of PA 896)  
                          Bridge Replacement  
 AQ Code X            New London Twp.

Current structure is failing and posted at 13 tons. Bridge Replacement.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	B-STATE		120			
ROW	B-STATE			50		
CON	TBD					550
Fiscal Year Total		0	120	50	0	550
		Total FY 03-06 Cost			170	

**MPMS# 57680**      **Union St. over W. Br. of Brandywine Ck.**  
 TIP# 6954            South of Modena Rd.  
                          Bridge Replacement  
 AQ Code X            Modena Boro.

Current structure is failing and poses very low sufficiency rating. Bridge replacement with improvements to roadway approaches and pedestrian facilities.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
PE	B-STATE	500				
FD	TBD					100
CON	TBD					1,000
Fiscal Year Total		500	0	0	0	1,100
		Total FY 03-06 Cost			500	

**MPMS# 57681**      **Sheeder Mill Rd. (Bridge)**  
 TIP# 6955            over French Creek (S. of Pughtown Rd.)  
                          Bridge Rehabilitation  
 AQ Code X            West Vincent Twp.

Covered bridge. Current structure is failing and posted at 6 tons. Increase posted limit to serve emergency vehicles and small trucks, rehabilitate historic features.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	B-STATE	360				
FD	LOCAL	90				
ROW	B-STATE		8			
ROW	LOCAL		2			
CON	TBD					800
Fiscal Year Total		450	10	0	0	800
		Total FY 03-06 Cost			460	

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## Pennsylvania - Highway Program

### Chester

MPMS# 57683

**Old Gap-Newport Pike (Bridge)**

TIP# 6957

over Valley Creek (north of Creek Rd.)

Bridge Replacement

AQ Code X

Atglen Boro.

Current structure is failing and is posted at 12 tons. Bridge Replacement.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
PE	BRIDGE	160				
PE	B-STATE	30				
PE	LOCAL	10				
FD	BRIDGE			160		
FD	B-STATE			30		
FD	LOCAL			10		
ROW	BRIDGE			16		
ROW	B-STATE			3		
ROW	LOCAL			1		
CON	TBD					800
Fiscal Year Total		200	0	220	0	800
		Total FY 03-06 Cost			420	

MPMS# 57684

**PA 82 Trail**

TIP# 6958

parallel to PA 82, btw. PA 926 & Mill Rd

Bicycle/Pedestrian Trail

AQ Code X

East Marlborough Twp.

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

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	LOCAL		50			
ROW	LOCAL			20		
CON	CMAQ				800	
CON	LOCAL				200	
Fiscal Year Total		0	50	20	1,000	0
		Total FY 03-06 Cost			1,070	

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## Pennsylvania - Highway Program

### Chester

**MPMS# 57685**      *Lincoln Highway Streetscape*  
 TIP# 6959              Strode Ave. to 13th Ave  
                                  Pedestrian, Transit Enhancements  
 AQ Code X              Coatesville

Provide streetscape improvements including: bus shelters, sidewalks, plantings, lights and curb bump-outs.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	STU			640		
CON	LOCAL			160		
Fiscal Year Total		0	0	800	0	0
<b>Total FY 03-06 Cost</b>					<b>800</b>	

**MPMS# 58130**      *King of Prussia Rd.*  
 TIP# 6964              at Upper Gulph Rd.  
                                  Intersection Improvement  
 AQ Code X              Tredyffrin Twp.

Realign intersection and provide turning lanes and signalization.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	LOCAL		200			
ROW	STU			400		
ROW	H-STATE			100		
CON	TBD					749
Fiscal Year Total		0	200	500	0	749
<b>Total FY 03-06 Cost</b>					<b>700</b>	

**MPMS# 58664**      *Caln Township (Signals)*  
 TIP# 6942              Closed Loop Signal System (Q40)  
 AQ Code 20150        Caln Twp.

Installation of a closed loop signal system interconnecting twelve intersections along Business Route 30.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
UTL	CMAQ	18				
ROW	CMAQ	18				
CON	CMAQ				1,000	
Fiscal Year Total		36	0	0	1,000	0
<b>Total FY 03-06 Cost</b>					<b>1,036</b>	

# DVRPC FY 2003-2006 TIP for PA

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## Pennsylvania - Highway Program

### Chester

**MPMS# 59434**      **Schuylkill River Trail (Q20)**  
 TIP# 0587              Route 29 to Berks County line  
                                  Design & Construct Pedestrian/Bike Trail  
 AQ Code X

Environmental studies, preliminary and final design, and construction of a 12.7 mile trail. This section is part of a 14.6 mile multi-use trail between Phoenixville Borough in Chester County and the Montgomery/Berks County border. The trail will have a 12-foot wide paved surface with 4 foot grass shoulders. It will be located within existing railroad and PECO Energy corridors, railroad and utility rights-of-way, existing bridges, canal towpaths, and public and private open space. The public biking and hiking trail will eventually connect to the current trail terminus at Betzwood, Valley Forge National Historic Park.

Construction funding for the portion of the trail from Perkiomen Creek to Route 29 is programmed in MPMS #16694.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
FD	CMAQ			551		
FD	LOCAL			138		
CON	CMAQ				301	
CON	LOCAL				75	
CON	TBD					4,000
Fiscal Year Total		0	0	689	376	4,000
		Total FY 03-06 Cost			1,065	

**MPMS# 59437**      **Route 30 (Signals)**  
 TIP# 6945              Traffic Technology (Q44)  
                                  Closed Loop Signal System  
 AQ Code 2050

Installation of a closed loop traffic control system on US 30 between Woodview Drive in Willistown Township and PA 252 in Tredyffrin Township.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
CON	CMAQ					520
CON	LOCAL					130
Fiscal Year Total		0	0	0	0	650
		Total FY 03-06 Cost			0	



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## Pennsylvania - Highway Program

### Chester

**MPMS# 60687**      **Southern Chester County**  
 TIP# 6941          Rail Corridor Improvements (Q26)  
                          RR Track Improvement

AQ Code X

Install the third leg of a "Y" track at Chadds Ford to permit direct movement of freight cars to and from Wilmington, DE and points west. This improvement will eliminate a rail switching operation over US 1 and reduce the conflict between vehicular and rail traffic.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
UTL	CMAQ	2				
UTL	LOCAL	1				
CON	CMAQ		152			
CON	LOCAL		38			
Fiscal Year Total		3	190	0	0	0
		Total FY 03-06 Cost			193	

**MPMS# 60703**      **East Goshen Township(Signals)**  
 TIP# 6943          Airport Rd.- N. Chester Rd. on Paoli Pk  
                          Closed Loop Signal System (Q41)  
 AQ Code 2005O      East Goshen Twp.

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

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	LOCAL	30				
CON	CMAQ			200		
Fiscal Year Total		30	0	200	0	0
		Total FY 03-06 Cost			230	

**MPMS# 61690**      **Uwchlan Township Trails, Phase II**  
 TIP# 6939

AQ Code X          Construct Trail  
                          Uwchlan Twp.

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

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
ROW	LOCAL		15			
CON	H-TE			708		
CON	TOLL-MAT			177		
Fiscal Year Total		0	15	885	0	0
		Total FY 03-06 Cost			900	

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## Pennsylvania - Highway Program

### Chester

**MPMS# 61885**      **Schuylkill River Trail**  
 TIP# 6944            along South Bank of French Creek (Q42)  
                           Construct Pedestrian/Bike Trail  
 AQ Code X            Phoenixville Boro.

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
		FY 2003	FY 2004	FY 2005	FY 2006	
FD	LOCAL	42				
UTL	LOCAL		50			
ROW	LOCAL			150		
CON	CMAQ			301		
CON	LOCAL			75		
Fiscal Year Total		<b>42</b>	<b>50</b>	<b>526</b>	<b>0</b>	<b>0</b>
		<b>Total FY 03-06 Cost</b>			<b>618</b>	

**MPMS# 62297**      **Old Baltimore Pike Bikeway**  
 TIP# 6969  
                           Construct Pedestrian/Bike Path  
 AQ Code X            West Grove, London Grove, Avondale, and New Garden

Old Baltimore Pike between Prospect Avenue (SR 841) in West Grove Borough, and Gap-Newport Pike (SR 41) in London Grove Twp.; Gap-Newport Pike (SR 41) between Old Baltimore Pike (SR 3026) in London Grove Twp., and Old Baltimore Pike (SR 3046) in Avondale Borough; Old Baltimore Pike (SR 3046) between Gap-Newport Pike (SR 41) in Avondale Borough, and Newark Road (SR 3033) in New Garden Twp.

This project is intended to improve the service quality for bicycling on Old Baltimore Pike, a known bicycle commuter route for workers in the mushroom industry. As determined in preliminary engineering, actions may include: 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
		FY 2003	FY 2004	FY 2005	FY 2006	
CON	TOLL-MAT		83			
CON	CMAQ		331			
Fiscal Year Total		<b>0</b>	<b>414</b>	<b>0</b>	<b>0</b>	<b>0</b>
		<b>Total FY 03-06 Cost</b>			<b>414</b>	

# DVRPC FY 2003-2006 TIP for PA

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## Pennsylvania - Highway Program

### Chester

**MPMS# 62863**      **PA 100 Vanguard Improvement**  
 TIP# C28              PA 113 to Township Line Road  
                             New Bridge and Grade Separation  
 AQ Code X              Uwchlan Twp.

Provide access improvements along Route 100 as an economic development incentive for the proposed Vanguard Corporate Campus. Project includes grade separation and several ramps.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
UTL	ECON		500			
ROW	ECON		600			
CON	ECON			11,120		
CON	H-STATE			2,780		
Fiscal Year Total		0	1,100	13,900	0	0
		Total FY 03-06 Cost			15,000	

**MPMS# 64220**      **422: Keim Street Interchange**  
 TIP# C29              Schuylkill River to Norfolk Southern RR  
                             Reconstruct Interchange  
 AQ Code X              N. Coventry Twp, L. Pottsgrove Twp.

Reconstruction, including four bridges and one bridge demolition, from the Schuylkill River bridge and Armand Hammer Blvd interchange to the Norfolk Southern (Reading) railroad.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
FD	HWY				3,600	
FD	H-STATE				900	
CON	TBD					55,600
Fiscal Year Total		0	0	0	4,500	55,600
		Total FY 03-06 Cost			4,500	

**MPMS# 64222**      **US 422 Schuylkill River Bridge**  
 TIP# C30              Over Schuylkill River  
                             Bridge Replacement  
 AQ Code X              W. Pottsgrove Twp., N. Coventry Twp., Pottstown

Bridge reconstruction, from 500 ft west of river to 1000 ft east of river.

Final design for this project will be handled through MPMS #16738.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
CON	TBD					17,200
Fiscal Year Total		0	0	0	0	17,200
		Total FY 03-06 Cost			0	

# DVRPC FY 2003-2006 TIP for PA

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## Pennsylvania - Highway Program

### Chester

**MPMS# 64360**      **PA 41 ITS Technology Deployment**  
 TIP# 6963A      Delaware State Line to US 30  
                          Safety

AQ Code X

Purchase, installation, and coordination of equipment necessary for the ITS Enforcement Initiative (see MPMS #57761.)

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	HWY		1,500			
Fiscal Year Total		0	1,500	0	0	0
		Total FY 03-06 Cost			1,500	

**MPMS# 64479**      **US202: US 1 - PA29 (ITS)**  
 TIP# C31      US 1-PA 29  
                          ITS - Traffic System Management  
 AQ Code X      Various

Implementation of a traffic management system on US 202 from US 1 to PA 29; on RT 30 from US 202 to RT 340; on RT 100 from US 202 to the PA Turnpike. This is the ITS component for Section 300 of Route 202.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	CMAQ			8,000		
CON	H-STATE			2,000		
CON	H-STATE					2,000
CON	CMAQ					8,000
Fiscal Year Total		0	0	10,000	0	10,000
		Total FY 03-06 Cost			10,000	

**MPMS# 64493**      **US202: Section 300, US 30-N. Valley Rd.**  
 TIP# C32      US 30 to North Valley Road-  
                          Over/Underpass Reconstruction  
 AQ Code X      E. Whiteland Twp., Tredyffrin Twp.

Reconstruction of 3 bridges within Section 310 of US 202: On Swedesford Rd., South, Church Rd., and Mill Lane.

Reconstruction of two intersections within Section 310 of US 202: on Phoenixville Pike at Planebrook Rd. and Swedesford Rd., and on Phoenixville Pike at PA 401.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	HWY			8,000		
CON	H-STATE			2,000		
CON	SPIKE				8,000	
CON	H-STATE				2,000	
Fiscal Year Total		0	0	10,000	10,000	0
		Total FY 03-06 Cost			20,000	

# DVRPC FY 2003-2006 TIP for PA

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## Pennsylvania - Highway Program

### Chester

**MPMS# 64782**      **PA 926 Street Road**  
 TIP# C02              At PA 352 and s-curve east of PA 352  
                             Channelize and realign  
 AQ Code X            Westtown Township

Channelize the intersection of PA 352 and realign the s-curve on PA 926 just east of the intersection. This project substitutes for TIP #6946.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
FD	LOCAL	1,000				
ROW	STU				560	
ROW	H-STATE				140	
CON	TBD					2,400
Fiscal Year Total		<b>1,000</b>	<b>0</b>	<b>0</b>	<b>700</b>	<b>2,400</b>
		<b>Total FY 03-06 Cost</b>			<b>1,700</b>	

**MPMS# 64785**      **Swedesford Road**  
 TIP# C03              At North Valley Road  
                             Channelize and realign  
 AQ Code 2015M      Tredyffrin Township

Improve a hazardous and congested intersection by eliminating the off-set and adding left turn lanes on all approaches.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
FD	LOCAL	100				
ROW	LOCAL		100			
CON	STU				640	
CON	H-STATE				160	
Fiscal Year Total		<b>100</b>	<b>100</b>	<b>0</b>	<b>800</b>	<b>0</b>
		<b>Total FY 03-06 Cost</b>			<b>1,000</b>	

**MPMS# 64787**      **North Bailey Road (Bridge)**  
 TIP# C10              Over tributary of Beaver Run  
                             Bridge replacement  
 AQ Code X            Caln Township

Replace township bridge

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
FD	LOCAL	50				
CON	B-STATE				160	
CON	LOCAL				40	
Fiscal Year Total		<b>50</b>	<b>0</b>	<b>0</b>	<b>200</b>	<b>0</b>
		<b>Total FY 03-06 Cost</b>			<b>250</b>	

# DVRPC FY 2003-2006 TIP for PA

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## Pennsylvania - Highway Program

### Chester

**MPMS# 64789**      **Oakbourne Road (Bridge)**  
 TIP# C12              Over Chester Creek  
                             Bridge replacement  
 AQ Code X            Westtown Township

Replace township bridge and realign roadway

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	LOCAL	100				
ROW	LOCAL			50		
CON	TBD					600
Fiscal Year Total		100	0	50	0	600
		Total FY 03-06 Cost			150	

**MPMS# 64847**      **Springton Road (Bridge)**  
 TIP# C33              Over indian Run  
                             Bridge Replacement  
 AQ Code X            Wallace Twp.

Replacement of bridge over Indian Run.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
PE	B-STATE		160			
FD	B-STATE		262			
FD	B-STATE			150		
CON	TBD					400
Fiscal Year Total		0	422	150	0	400
		Total FY 03-06 Cost			572	

**MPMS# 65613**      **US202: Section 300, US 30-N. Valley Rd.**  
 TIP#                    US 30 to North Valley Road-  
                             Bridge Rehabilitation  
 AQ Code X            East Whiteland Township

Rehabilitation of 2 bridges within Section 311 of US 202: On PA 29, Mathews Road to Swedesford Rd.; and on Swedesford Rd. , Morehall Rd. to Hillside Rd.

This is the construction breakout project from MPMS #64493.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	HWY				3,200	
CON	H-STATE				800	
CON	HWY					12,800
CON	H-STATE					3,200
Fiscal Year Total		0	0	0	4,000	16,000
		Total FY 03-06 Cost			4,000	

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## Pennsylvania - Highway Program

### Chester

**MPMS# 65901**      *Lincoln Hwy Enhancement Plan*

TIP# 6977

Streetscape Improvement

AQ Code X

Caln Twp

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

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
ERC	H-TE		525			
Fiscal Year Total		0	525	0	0	0
		Total FY 03-06 Cost			525	

**MPMS# 65903**      *Park Road Pedestrian Bridge*

TIP# 6975

Over PA Turnpike

Construct Pedestrian Bridge

AQ Code X

Upper Uwchlan Twp

Installation of a 220 foot by six foot wide pedestrian bridge over the PA Turnpike.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
ERC	H-TE		608			
Fiscal Year Total		0	608	0	0	0
		Total FY 03-06 Cost			608	

**MPMS# 67851**      *West Chester Transit Center*

TIP#

Construction of Transit Center

AQ Code X

Construction of a transit center on the first floor of the county parking garage on West Market Street in West Chester, between New and Darlington Streets.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	CMAQ	1,000				
Fiscal Year Total		1,000	0	0	0	0
		Total FY 03-06 Cost			1,000	

# DVRPC FY 2003-2006 TIP for PA

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## Pennsylvania - Highway Program

### Chester

**MPMS# 68025**      **Lincoln Highway Closed Loop Signal Sys.**  
 TIP#                      Coatesville, StrodeAve-13th Ave.  
                                  Closed Loop Signal System

AQ Code X

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.)

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

**Later FYs**

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
Fiscal Year Total		0	0	0	0	
<b>Total FY 03-06 Cost</b>						

**MPMS# 68026**      **Coatesville Transload/Intermodal Facilit**  
 TIP#                      Brandywine RR (Youngburg Rd & First Ave)  
                                  Rebuilding of Railroad Track  
 AQ Code X              Coatesville, South Coatesville

As a result of the 2002 DVRPC Competitive CMAQ Program, \$316,400 CMAQ funds will be programmed in the future as appropriate for development of a new regional transload/intermodal facility in Coatesville. Project would require the relocation of existing Brandywine RR operations from the Bridge Tracks in Coatesville to the South Modena Yard. This project includes rebuilding 1600 feet of track, installing 300 ties and one switch, and draignage, grading, and pavement work. A Pennsylvania Rail Freight grant was obtained by the railroad to complete the South Modena Yard improvements necessary for this facility. The facility will allow use by bulk commodity shippers and receivers, and enable commercial shipments to be accommodated by rail instead of long haul truck service.

(CMAQ ID# PA02-024) (See MPMS #48201 for other projects selected as part of the 2002 Competitive Program.)

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

**Later FYs**

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
Fiscal Year Total		0	0	0	0	
<b>Total FY 03-06 Cost</b>						



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## Pennsylvania - Highway Program

### Chester

**MPMS# 68535**      *US 1 Resurfacing, PA 472 to PA 896*

TIP#                      PA 472 to PA 896  
Resurfacing

AQ Code X

Resurface 5 miles of roadway on US 1 between PA 472 and PA 896 due to the deteriorated condition of the roadway.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	H-STATE		4,259			
CON	H-STATE		2,900			
Fiscal Year Total		0	7,159	0	0	0
		Total FY 03-06 Cost			7,159	

**MPMS# 68583**      *US 30, PA 340 -Bus. Rt.30*

TIP#                      Bridge Deck Repair

AQ Code X

Bridge Deck Repair

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	H-STATE		100			
Fiscal Year Total		0	100	0	0	0
		Total FY 03-06 Cost			100	

**MPMS# 69899**      *Lincoln Highway Grade Crossing*

TIP#                      RailRoad Grade Crossing Improvement

AQ Code X

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	SAFETY		200			
Fiscal Year Total		0	200	0	0	0
		Total FY 03-06 Cost			200	

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## Pennsylvania - Highway Program

### Chester

**MPMS# 69947**      **Embreeville Road Bridge Replacement**

TIP#                      Over Broad Run  
                               Bridge Replacement  
 AQ Code   X              West Bradford Township

This bridge was damaged by Hurricane Isabel and closed on September 15, 2003. Rising waters caused a portion of the bridge deck to collapse. The bridge will be replaced.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
PE	B-STATE		525			
UTL	B-STATE		60			
ROW	B-STATE		50			
CON	TOLL-MAT		240			
CON	BRIDGE		960			
Fiscal Year Total		0	1,835	0	0	0
		<b>Total FY 03-06 Cost</b>			<b>1,835</b>	

**MPMS# 69957**      **US 1 Resurfacing, PA 896 to PA 41**

TIP#                      PA 896 to PA 41  
                               Resurfacing  
 AQ Code   X              London Grove, Penn, and Upper Oxford Townships

Resurface 6 miles of roadway, including ramps, on US 1 between PA 896 and PA 41 due to the deteriorated condition of the roadway.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	H-STATE		7,770			
Fiscal Year Total		0	7,770	0	0	0
		<b>Total FY 03-06 Cost</b>			<b>7,770</b>	

<b>Total for Chester</b>	<b>64,704</b>	<b>63,162</b>	<b>54,454</b>	<b>60,367</b>	<b>1,128,583</b>
	<b>Total FY 03-06 Cost</b>			<b>242,687</b>	

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## Pennsylvania - Highway Program

### Delaware

**MPMS# 14747**      **US 322, Concheater Road**  
 TIP# 7666              US 1 (Baltimore Pike) to I-95  
                                  Corridor Improvements  
 AQ Code 2015M      Concord Twp., Bethel Twp., Upper Chichester Twp.

Options being considered to enable US 322 to meet future traffic needs include widening the road to four lanes, the construction of jughandles, and the installation of median barriers.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
FD	DEMO	4,400				
FD	H-STATE	1,100				
UTL	DEMO		40			
UTL	H-STATE		10			
ROW	DEMO			4,400		
ROW	H-STATE			1,100		
CON	DEMO				13,483	
CON	H-STATE				3,370	
CON	TBD					43,147
Fiscal Year Total		<b>5,500</b>	<b>50</b>	<b>5,500</b>	<b>16,853</b>	<b>43,147</b>
			<b>Total FY 03-06 Cost</b>		<b>27,903</b>	

**MPMS# 14822**      **PA 291, Industrial Highway**  
 TIP# 7051              Chester/Trainer Line to Franklin St.  
                                  Widening with Center Turn Lane  
 AQ Code 2005M      Chester City

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
		FY 2003	FY 2004	FY 2005	FY 2006	
CON	STU	8,000				
CON	H-STATE	2,000				
CON	STU		10,366			
CON	H-STATE		2,592			
Fiscal Year Total		<b>10,000</b>	<b>12,958</b>	<b>0</b>	<b>0</b>	<b>0</b>
			<b>Total FY 03-06 Cost</b>		<b>22,958</b>	

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## Pennsylvania - Highway Program

### Delaware

**MPMS# 14842**      **Baldwin Station and Park and Ride Lot**  
 TIP# 7002              SEPTA R2 Rail Line- old Baldwin Station  
                                 Construct Park and Ride Lot  
 AQ Code 20150      Eddystone Boro

Construction of a commuter rail station and and park and ride lot at the site of the former Baldwin Station on SEPTA R2 Wilmington Commuter Rail Line in Eddystone Borough. Originally proposed as the Crum Lynne Park and Ride Lot, the new station will have access from US 13, Chester Pike. PennDOT will lease parking spaces from owner of Baldwin Towers Office Building (approximately 200 spaces).

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	FAI				3,600	
CON	H-STATE				400	
Fiscal Year Total		0	0	0	4,000	0
<b>Total FY 03-06 Cost</b>					<b>4,000</b>	

**MPMS# 14865**      **I-95, Delaware Expressway (SB)**  
 TIP# 7129              At PA 352 (Edgemont Ave.)  
                                 Construct Ramp  
 AQ Code 2005M      Chester City

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

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	HWY	5,625				
CON	H-STATE	625				
Fiscal Year Total		6,250	0	0	0	0
<b>Total FY 03-06 Cost</b>					<b>6,250</b>	

**MPMS# 14992**      **Lindbergh Bridge #72**  
 TIP#  
                                 Bridge Repair  
 AQ Code X

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	BRIDGE	835				
CON	B-STATE	157				
CON	LOCAL	52				
Fiscal Year Total		1,044	0	0	0	0
<b>Total FY 03-06 Cost</b>					<b>1,044</b>	

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## Pennsylvania - Highway Program

### Delaware

**MPMS# 15008**      **Folcroft Avenue (Bridge)**  
 TIP# 7872              Over Amtrak and SEPTA R2 Rail Line  
                                  Bridge Replacement  
 AQ Code X              Folcroft Boro., Sharon Hill Boro.

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.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	BRIDGE		1,920			
CON	B-STATE		360			
CON	LOCAL		120			
Fiscal Year Total		0	2,400	0	0	0
		Total FY 03-06 Cost			2,400	

**MPMS# 15185**      **Old Forge Road (Bridge #209)**  
 TIP# 7875              Over Rocky Run Creek  
                                  Bridge Replacement  
 AQ Code X              Middletown Twp.

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.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
PE	BRIDGE		144			
PE	B-STATE		27			
PE	LOCAL		9			
FD	BRIDGE		179			
FD	B-STATE		33			
FD	LOCAL		11			
UTL	BRIDGE		40			
UTL	B-STATE		8			
UTL	LOCAL		2			
ROW	BRIDGE		40			
ROW	B-STATE		8			
ROW	LOCAL		2			
CON	BRIDGE			616		
CON	B-STATE			116		
CON	LOCAL			38		
Fiscal Year Total		0	503	770	0	0
		Total FY 03-06 Cost			1,273	

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## Pennsylvania - Highway Program

### Delaware

**MPMS# 15188**      **Crum Creek Rd. (Bridge)**  
 TIP# 7880            over Crum Creek  
                          Bridge Replacement  
 AQ Code X         Marple Twp., Upper Providence Twp.

Total replacement of this County-owned bridge (built in 1924) which currently has a 3-ton weight limit.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	BRIDGE		9			
FD	B-STATE		2			
FD	LOCAL		1			
ROW	BRIDGE		25			
ROW	B-STATE		5			
ROW	LOCAL		1			
CON	TBD					880
Fiscal Year Total		0	43	0	0	880
			<b>Total FY 03-06 Cost</b>		<b>43</b>	

**MPMS# 15280**      **W. 5th Street (Bridge)**  
 TIP#                    Bridge Rehabilitation  
 AQ Code X

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	BRIDGE		240			
CON	B-STATE		45			
CON	LOCAL		15			
Fiscal Year Total		0	300	0	0	0
			<b>Total FY 03-06 Cost</b>		<b>300</b>	

**MPMS# 15281**      **Chester Pike Bridge (US 13)**  
 TIP# D21            over Stoney Creek  
                          Pedestrian Walkway or Bridge Replacement  
 AQ Code X         Ridley Township & Ridley Park Borough

Construct Pedestrian Walkway Bridge or Replace Bridge

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
PE	B-STATE		340			
FD	B-STATE					200
CON	TBD					750
Fiscal Year Total		0	340	0	0	950
			<b>Total FY 03-06 Cost</b>		<b>340</b>	

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## Pennsylvania - Highway Program

### Delaware

**MPMS# 15298**      **Township Line Road Bridge (US 1)**  
 TIP# D22              over SEPTA Route 100 Rail Line  
                             Superstructure Replacement  
 AQ Code X            Haverford & Upper Darby Townships

Superstructure Replacement

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

**Later FYs**

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
PE	B-STATE		460			
UTL	B-STATE		50			
CON	TBD					500
Fiscal Year Total		0	510	0	0	500
		<b>Total FY 03-06 Cost</b>			<b>510</b>	

**MPMS# 15299**      **Concord Road Bridge**  
 TIP# D20              over SEPTA & Chester Creek Branch Rail  
                             Bridge Removal and Replacement  
 AQ Code X            Chester City

Bridge Removal & Replacement

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

**Later FYs**

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
PE	B-STATE		215			
UTL	B-STATE		100			
FD	B-STATE					150
CON	TBD					1,000
Fiscal Year Total		0	315	0	0	1,150
		<b>Total FY 03-06 Cost</b>			<b>315</b>	

**MPMS# 15306**      **Sellers Avenue Bridge**  
 TIP# D18              over Amtrak and SEPTA R2 Rail Line  
                             Bridge Replacement  
 AQ Code X            Ridley Park Borough

Bridge Replacement

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

**Later FYs**

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
PE	B-STATE		505			
UTL	B-STATE		100			
FD	B-STATE					250
CON	TBD					1,250
Fiscal Year Total		0	605	0	0	1,500
		<b>Total FY 03-06 Cost</b>			<b>605</b>	

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## Pennsylvania - Highway Program

### Delaware

**MPMS# 15345**      *PA 252, Providence Rd.*  
 TIP# 7878A      Palmer's Mill Rd. to Kirk Ln.  
                          Widening, Signal Improvements  
 AQ Code 2005M      Upper Providence Twp.

Widening to four through lanes plus left turn lanes, paved shoulders/bicycle lanes, a new traffic signal at intersection with ramps to and from southbound US 1, and interconnection of three signals.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
FD	H-STATE	65				
ROW	H-STATE		300			
CON	H-STATE				2,352	
Fiscal Year Total		<b>65</b>	<b>300</b>	<b>0</b>	<b>2,352</b>	<b>0</b>
		<b>Total FY 03-06 Cost</b>			<b>2,717</b>	

**MPMS# 15367**      *Baltimore Pike Bridge (US 1)*  
 TIP# D23      over Chester Creek  
                          Bridge Replacement  
 AQ Code X      Middletown Township&Chester Heights Boro

Bridge Replacement

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
PE	B-STATE		460			
UTL	B-STATE		50			
CON	TBD					1,800
Fiscal Year Total		<b>0</b>	<b>510</b>	<b>0</b>	<b>0</b>	<b>1,800</b>
		<b>Total FY 03-06 Cost</b>			<b>510</b>	

**MPMS# 15396**      *US 13, 9th Street Bridge*  
 TIP# D19      over Chester Creek  
                          Bridge Replacement  
 AQ Code X      Chester City

Bridge Replacement

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
PE	B-STATE		360			
FD	B-STATE					325
CON	TBD					2,000
Fiscal Year Total		<b>0</b>	<b>360</b>	<b>0</b>	<b>0</b>	<b>2,325</b>
		<b>Total FY 03-06 Cost</b>			<b>360</b>	



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## Pennsylvania - Highway Program

### Delaware

**MPMS# 15406**      **PA 452, Market StreetT (Bridge)**  
 TIP# 7850              Over Amtrak and SEPTA R-2 Rail Line  
                                  Bridge Replacement  
 AQ Code X              Marcus Hook Boro., Lower Chichester Twp.

The existing two lane bridge (built in 1925) with shoulders and 8' wide sidewalks will be replaced in kind

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
PE	BRIDGE	589				
PE	B-STATE	147				
UTL	BRIDGE	80				
UTL	B-STATE	20				
ROW	BRIDGE	160				
ROW	B-STATE	40				
FD	BRIDGE		372			
FD	B-STATE		93			
CON	BRIDGE					6,160
CON	B-STATE					1,540
Fiscal Year Total		<b>1,036</b>	<b>465</b>	<b>0</b>	<b>0</b>	<b>7,700</b>
			<b>Total FY 03-06 Cost</b>		<b>1,501</b>	

**MPMS# 15408**      **US 13 Macdade Boulevard (Bridge)**  
 TIP# 7852              Over Darby Creek  
                                  Bridge Replacement  
 AQ Code X              Darby Boro.

Replacement of the existing single span structure with a similar new structure, stabilization of the stream banks, and roadway approach work.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
FD	B-STATE		500			
UTL	B-STATE		50			
ROW	B-STATE		200			
CON	TBD					2,000
Fiscal Year Total		<b>0</b>	<b>750</b>	<b>0</b>	<b>0</b>	<b>2,000</b>
			<b>Total FY 03-06 Cost</b>		<b>750</b>	

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## Pennsylvania - Highway Program

### Delaware

**MPMS# 15435**      *I-95, Delaware Expressway (Bridge)*

TIP# 7868

Over Darby Creek

Bridge Rehabilitation

AQ Code X

Ridley Twp., Tincicum Twp.

This bridge rehabilitation project includes improvements to the expansion joints, backwall, and abutments.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	BRIDGE	240				
FD	B-STATE		325			
ROW	B-STATE		10			
CON	BRIDGE			2,016		
CON	HWY			3,024		
CON	H-STATE			560		
Fiscal Year Total		<b>240</b>	<b>335</b>	<b>5,600</b>	<b>0</b>	<b>0</b>
		<b>Total FY 03-06 Cost</b>			<b>6,175</b>	

**MPMS# 15437**      *PA 3, West Chester Pike*

TIP# 7835

CHESTER CO. LINE-US 1(TOWNSHIP LINE RD.)

CORRIDOR IMPROVEMENTS

AQ Code 20050

Newtown Twp., Haverford Twp.

Improve the safety of this corridor by installing a computerized traffic signal system, extending various left turn lanes, and closing openings in the median barrier.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	SAFETY	1,404				
CON	H-STATE	146				
CON	LOCAL	10				
Fiscal Year Total		<b>1,560</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
		<b>Total FY 03-06 Cost</b>			<b>1,560</b>	

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## Pennsylvania - Highway Program

### Delaware

**MPMS# 15438**      **Goshen Road**  
 TIP# 7840              South of Darby-Paoli Rd.  
                                  Safety Improvement  
 AQ Code X              Radnor Twp.

Improve safety by softening the curve.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
PE	SAFETY		63			
PE	H-STATE		7			
FD	SAFETY		27			
FD	H-STATE		3			
CON	SAFETY					630
CON	H-STATE					70
Fiscal Year Total		0	100	0	0	700
		Total FY 03-06 Cost			100	

**MPMS# 15477**      **I-95/Conchester Highway Access Study**  
 TIP# 7883

                                 Study  
 AQ Code 2015M      Chester, Chester Twp., Upper Chichester Twp

Study to recommend solutions for (1) improving access to I-95 and US 322 from three industrial parks north of I-95, and (2) providing a safer interchange of I-95 and US 322 (Conchester Highway.)

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
PE	STU	800				
PE	H-STATE	200				
FD	TBD					1,000
CON	TBD					16,000
Fiscal Year Total		1,000	0	0	0	17,000
		Total FY 03-06 Cost			1,000	

**MPMS# 15479**      **Chichester Ave.**  
 TIP# 7895              at Meetinghouse Rd.  
                                  Intersection Improvements  
 AQ Code X              Upper Chichester Twp.

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

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
UTL	H-STATE		71			
CON	STU		800			
CON	H-STATE		200			
Fiscal Year Total		0	1,071	0	0	0
		Total FY 03-06 Cost			1,071	

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## Pennsylvania - Highway Program

### Delaware

**MPMS# 15484**      **Foulk Road**  
 TIP#                      US 322 to Delaware State Line  
                                  Reconstruction

AQ Code X

FY03 Betterment Project (\$3.374 million STU)

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006
CON	TOLL-MAT	843			
CON	STU	3,374			
Fiscal Year Total		4,217	0	0	0
		Total FY 03-06 Cost		4,217	

**MPMS# 15485**      **Naaman's Creek Rd. (3R)**

TIP#                      3R Restoration

AQ Code X

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006
ROW	HWY	500			
FD	TOLL-MAT		70		
FD	HWY		280		
Fiscal Year Total		500	350	0	0
		Total FY 03-06 Cost		850	

**MPMS# 15493**      **P & W Bicycle/Pedestrian Trail (C046)**

TIP# 7860                      Martha Browns Woods Park to  
                                  Sugartown Road  
                                  Radnor Twp.

AQ Code X

Construct a 2.2 mile, 10 foot wide (minimum) bicycle/pedestrian trail along the abandoned Philadelphia & Western railroad line in Radnor Township, from Martha Browns Woods Park to Sugartown Rd.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006
FD	CMAQ	52			
FD	H-STATE	13			
CON	TOLL-MAT		524		
CON	CMAQ		2,097		
Fiscal Year Total		65	2,621	0	0
		Total FY 03-06 Cost		2,686	

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## Pennsylvania - Highway Program

**Delaware**

**MPMS# 15506** *I-476, I-95 to MacDade Interchange*

TIP#

Preventative Maintenance

AQ Code X

Preventative Maintenance Line Item project. \$610,000 state 289 funds drawn from MPMS #57622.

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

**Later FYs**

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	H-STATE		772			
Fiscal Year Total		0	772	0	0	0
		Total FY 03-06 Cost			772	

**MPMS# 15508** *Bethel Road Bridge*

TIP#

Bridge Repair/Replace

AQ Code X

Repair/replace bridge

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

**Later FYs**

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
UTI	B-STATE	80				
FD	B-STATE	50				
ROW	B-STATE	35				
CON	B-STATE		595			
Fiscal Year Total		165	595	0	0	0
		Total FY 03-06 Cost			760	

**MPMS# 16736** *I-476, Amtrak to Matson Ford. Rd*

TIP#

Preventative Maintenance

AQ Code X

Preventative Maintenance Line Item project. Funds drawn from MPMS #57622.

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

**Later FYs**

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	H-STATE		1,050			
Fiscal Year Total		0	1,050	0	0	0
		Total FY 03-06 Cost			1,050	

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## Pennsylvania - Highway Program

### Delaware

**MPMS# 47147**      **3rd St. (Dam)**  
 TIP# 7894              over Broomall Lake & Trib. to Ridley Ck.  
                                  Dam Rehabilitation  
 AQ Code X              Media Boro.

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
		FY 2003	FY 2004	FY 2005	FY 2006	
FD	B-STATE	160				
FD	LOCAL	40				
CON	B-STATE				800	
CON	LOCAL				200	
Fiscal Year Total		200	0	0	1,000	0
		Total FY 03-06 Cost			1,200	

**MPMS# 47313**      **PA 3, WEST CHESTER PIKE**  
 TIP# 7834              LAWRENCE RD. TO US 1  
                                  CORRIDOR IMPROVEMENTS  
 AQ Code 2005O      Haverford Twp., Upper Darby Twp.

Lengthen the standby lane at 25 intersections and install a computerized traffic signal system.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
CON	CMAQ	228				
CON	H-STATE	57				
Fiscal Year Total		285	0	0	0	0
		Total FY 03-06 Cost			285	

**MPMS# 47409**      **Rt. 291/Gov. Printz Blvd. (Bridge)**  
 TIP#                      Over Darby Creek  
                                  Bridge Replacement  
 AQ Code                Ridley Township

Replacement of the superstructure and repairs to the piers. The structure is 5 spans.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
PE	B-STATE		300			
Fiscal Year Total		0	300	0	0	0
		Total FY 03-06 Cost			300	

# DVRPC FY 2003-2006 TIP for PA

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## Pennsylvania - Highway Program

### Delaware

**MPMS# 47986**      **Chester Creek Bicycle/Pedestrian Trail**  
 TIP# 7879      Former Chester Creek Branch Rail Line  
                     Construct Pedestrian/Bike Trail  
 AQ Code X      Various Municipalities

Construction of a multi-purpose commuting and recreation trail on the out-of-service Chester Creek Branch rail line from the Wawa R3 train station in Chester Heights Borough to Upland Rd. in Chester Township.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
PE	STU	160				
PE	LOCAL	40				
FD	STU			340		
FD	LOCAL			85		
CON	TBD					3,674
Fiscal Year Total		200	0	425	0	3,674
		Total FY 03-06 Cost			625	

**MPMS# 47987**      **US 1, Baltimore Pike (Signals)**  
 TIP# 7882      Valley Rd. to Granite Run Mall  
                     Closed Loop Traffic Signal System  
 AQ Code 2005M      Middletown Twp.

Construction of a closed-loop traffic signal system, including signals on PA 352 between Old Forge Road and Granite Run Mall.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
UTL	CMAQ	250				
FD	LOCAL		40			
ROW	LOCAL		20			
CON	CMAQ		530			
Fiscal Year Total		250	590	0	0	0
		Total FY 03-06 Cost			840	

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## Pennsylvania - Highway Program

### Delaware

**MPMS# 47988**      *Locksley Rd. (Bridge)*  
 TIP# 7881            over Chester Creek  
                          Bridge Replacement  
 AQ Code X           Thornbury Twp.

Total replacement of this County-owned bridge (built in 1929) which currently has a 3-ton weight limit.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
PE	BRIDGE		207			
PE	B-STATE		39			
PE	LOCAL		13			
UTL	BRIDGE		20			
UTL	B-STATE		4			
UTL	LOCAL		1			
ROW	BRIDGE		44			
ROW	B-STATE		8			
ROW	LOCAL		3			
FD	BRIDGE				203	
FD	B-STATE				38	
FD	LOCAL				13	
CON	TBD					1,169
Fiscal Year Total		0	339	0	254	1,169
			<b>Total FY 03-06 Cost</b>		<b>593</b>	

**MPMS# 47990**      *US 13 (Signals)*  
 TIP# 7885            Morton Ave./12th St.- 9th St./Clover Ln.  
                          Signal Modernization  
 AQ Code 2015M      Chester City

Installation of a closed loop signal system covering 23 signalized intersections. The signals will be completely modernized with fiber optic cable and a central monitor computer. Preemption for emergency vehicles will be incorporated into the system. The project will also include three signals on Kerlin St. in the three blocks adjacent to US 13 between US 13 and I-95.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
PE	STU	382				
FD	STU		352			
UTL	STU		50			
ROW	STU		40			
CON	TBD					1,900
Fiscal Year Total		382	442	0	0	1,900
			<b>Total FY 03-06 Cost</b>		<b>824</b>	



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## Pennsylvania - Highway Program

### Delaware

**MPMS# 47992**      **New Rd. (Crozierville Bridge)**  
 TIP# 7891            over West Branch of Chester Creek  
                          Bridge Rehabilitation  
 AQ Code X           Aston Twp.

Deck and superstructure rehabilitation of this County-owned bridge built in 1931. This bridge serves SEPTA bus route 116.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
PE	BRIDGE		244			
PE	B-STATE		46			
PE	LOCAL		15			
FD	BRIDGE			200		
FD	B-STATE			38		
FD	LOCAL			12		
CON	TBD					1,130
Fiscal Year Total		0	305	250	0	1,130
			Total FY 03-06 Cost		555	

**MPMS# 47993**      **7th St. (Bridge)**  
 TIP# 7892            over Chester Creek  
                          Bridge Rehabilitation  
 AQ Code X           Chester City

Major rehabilitation/superstructure replacement of this County-owned bridge in downtown Chester. This bridge serves SEPTA bus routes 117 and 119 and currently has a 12 ton weight limit.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	BRIDGE	208				
FD	B-STATE	39				
FD	LOCAL	13				
ROW	BRIDGE		24			
ROW	B-STATE		5			
ROW	LOCAL		1			
CON	BRIDGE			1,200		
CON	B-STATE			225		
CON	LOCAL			75		
Fiscal Year Total		260	30	1,500	0	0
			Total FY 03-06 Cost		1,790	

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## Pennsylvania - Highway Program

### Delaware

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

TIP# 7896      Morton Ave. to Wycombe Ave.

Traffic Signal Interconnection

AQ Code 2005M      Various Municipalities

Includes preemption by SEPTA buses exiting Darby bus terminal onto MacDade Blvd. between Springfield Road and Chestnut Street.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
PE	CMAQ	308				
FD	CMAQ		450			
UTL	CMAQ		50			
CON	TBD					2,760
Fiscal Year Total		<b>308</b>	<b>500</b>	<b>0</b>	<b>0</b>	<b>2,760</b>
		<b>Total FY 03-06 Cost</b>			<b>808</b>	

**MPMS# 48168**      **Baltimore Pike**

TIP# 7897      Bishop Ave. - US 13, Church Ln.

Traffic Signal Interconnection

AQ Code 2005M      Various Municipalities

This project runs from Bishop Ave. in Springfield Twp. to US 13, Church Ln. in Upper Darby Twp and East Lansdowne Boro. It includes the optimization of 16 traffic signals, actuation of 7 side streets, and left turn lanes at 5 intersections.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
PE	CMAQ	200				
FD	CMAQ		286			
UTL	CMAQ			50		
CON	TBD					1,812
Fiscal Year Total		<b>200</b>	<b>286</b>	<b>50</b>	<b>0</b>	<b>1,812</b>
		<b>Total FY 03-06 Cost</b>			<b>536</b>	

**MPMS# 48169**      **I-95 ITS**

TIP# 7900      Airport to I-476

Intelligent Transportation System

AQ Code 2015O      Tinicum Twp., Ridley Twp., Ridley Park Boro.

2 variable message signs, 7 closed circuit televisions, 10 detectors.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
UTL	CMAQ				40	
UTL	H-STATE				10	
CON	HWY					5,000
Fiscal Year Total		<b>0</b>	<b>0</b>	<b>0</b>	<b>50</b>	<b>5,000</b>
		<b>Total FY 03-06 Cost</b>			<b>50</b>	

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## Pennsylvania - Highway Program

### Delaware

MPMS# 48170      **I-476 ITS**  
 TIP# 7901      I-76 to I-95  
                   Intelligent Transportation System  
 AQ Code 20150      Various

Variable message signs, closed circuit television, loop application, etc. Located in various municipalities, including Marple, Springfield, Nether Providence, Ridley, Haverford, Radnor and Lower Merion.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
UTL	CMAQ				40	
UTL	H-STATE				10	
CON	HWY					10,000
Fiscal Year Total		0	0	0	50	10,000
		Total FY 03-06 Cost			50	

MPMS# 48171      **Springfield Rd.**  
 TIP# 7893      at US 1, State Rd.  
                   Intersection Improvements  
 AQ Code X      Springfield Twp.

Widen Springfield Rd. and reconstruct/signalize intersection and approaches to allow for additional left turn capacity.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
ROW	LOCAL		50			
CON	STU				400	
CON	H-STATE				100	
Fiscal Year Total		0	50	0	500	0
		Total FY 03-06 Cost			550	

MPMS# 50520      **Sidewalks and Trail**  
 TIP# 7902      Turner Rd./Rogers Lane/Possum Hollow Rd.  
                   Pedestrian Improvements  
 AQ Code X      Nether Providence Twp.

Construction of pedestrian facilities to connect the Leiper-Smedley Trail with existing walkways and SEPTA's Wallingford train station.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
UTL	LOCAL	3				
ROW	LOCAL	10				
CON	TOLL-MAT				69	
CON	H-TE				275	
Fiscal Year Total		13	0	0	344	0
		Total FY 03-06 Cost			357	

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## Pennsylvania - Highway Program

### Delaware

**MPMS# 50623**      **PA 3, West Chester Pike**  
 TIP# 7835A      Lawrence Rd. to Media Line Road  
                          Corridor Improvements  
 AQ Code 2005O      Marple Twp., Haverford Twp.

This project is a section of TIP #7835 that has been separated out for funding purposes.  
 Improve the safety of this corridor by installing a computerized traffic signal system, extending various left turn lanes, and closing openings in the median barrier.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	HWY	810				
CON	H-STATE	90				
Fiscal Year Total		900	0	0	0	0
		Total FY 03-06 Cost			900	

**MPMS# 57740**      **Old West Chester Pike (Bridge)**  
 TIP# 7916      over Darby Creek  
                          Bridge Replacement  
 AQ Code X      Haverford Twp., Marple Twp.

Replace the vehicular bridge with (1) a vehicular bridge with sidewalk or (2) pedestrian bridge only.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
ROW	B-STATE	10				
CON	B-STATE	250				
Fiscal Year Total		260	0	0	0	0
		Total FY 03-06 Cost			260	

**MPMS# 57750**      **Baltimore Ave./Pike**  
 TIP# 7908      Orange St. to Grandview Ave.  
                          Signalization Improvements  
 AQ Code 2005M      Media Boro., Nether Providence Twp.

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.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	CMAQ			1,122		
Fiscal Year Total		0	0	1,122	0	0
		Total FY 03-06 Cost			1,122	

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## Pennsylvania - Highway Program

### Delaware

**MPMS# 57756**      **State Rd. from Rt. 3, West Chester Pike**  
 TIP# 7909            to US 1, Township Line Rd.  
                           Closed Loop Traffic Signal System  
 AQ Code 2005M      Upper Darby Township

Installation of closed loop traffic signal system for 11 intersections to include removal of 11 obsolete traffic controllers, and installation of 11 new controllers. Install an interconnect hardwire to link the controllers. Goal: significantly reduce traffic congestion, delay, and idle time, as well as the resulting air pollution. State Road carries between 10,000 and 20,000 vehicles per day (with the higher traffic counts found towards US 1) on two travel lanes.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	CMAQ				950	
Fiscal Year Total		0	0	0	950	0
<b>Total FY 03-06 Cost</b>					<b>950</b>	

**MPMS# 57757**      **Morton Ave.**  
 TIP# 7910            at Swarthmore Ave.  
                           Intersection and Pedestrian Improvements  
 AQ Code X            Ridley Twp., Rutledge Boro.

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 and trucks. Traffic movement is affected by inability of buses to negotiate turns. Intersection is used by school buses. Proposed solution would be modernization of traffic signals, road widening and channelization; and sidewalk and curb improvements between the intersection and Ridley High School.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	HWY		120			
FD	LOCAL		30			
ROW	HWY			160		
ROW	LOCAL			40		
CON	TBD					800
Fiscal Year Total		0	150	200	0	800
<b>Total FY 03-06 Cost</b>					<b>350</b>	

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## Pennsylvania - Highway Program

### Delaware

**MPMS# 57770**      **Grant Ave. (Bridge)**  
 TIP# 7911            over Muckinipates Creek  
                          Bridge Replacement  
 AQ Code X            Glenolden Boro., Folcroft Boro.

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
		FY 2003	FY 2004	FY 2005	FY 2006	
PE	BRIDGE		240			
PE	B-STATE		45			
PE	LOCAL		15			
FD	BRIDGE				280	
FD	B-STATE				53	
FD	LOCAL				17	
CON	TBD					1,120
Fiscal Year Total		0	300	0	350	1,120
			Total FY 03-06 Cost		650	

**MPMS# 57772**      **Convent Rd. (Bridge)**  
 TIP# 7912            over Chester Creek  
                          Bridge Replacement  
 AQ Code X            Aston Twp.

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
		FY 2003	FY 2004	FY 2005	FY 2006	
PE	BRIDGE		280			
PE	B-STATE		53			
PE	LOCAL		17			
FD	BRIDGE				300	
FD	B-STATE				56	
FD	LOCAL				19	
CON	TBD					1,700
Fiscal Year Total		0	350	0	375	1,700
			Total FY 03-06 Cost		725	

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## Pennsylvania - Highway Program

### Delaware

**MPMS# 57773**      **Lloyd St. (Bridge)**  
 TIP# 7913              over Amtrak/SEPTA R2 rail line  
                              Bridge Replacement  
 AQ Code X              Chester City

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
		FY 2003	FY 2004	FY 2005	FY 2006	
FD	BRIDGE			800		
FD	B-STATE			150		
FD	LOCAL			50		
ROW	BRIDGE				800	
ROW	B-STATE				150	
ROW	LOCAL				50	
CON	TBD					4,000
Fiscal Year Total		0	0	1,000	1,000	4,000
		Total FY 03-06 Cost			2,000	

**MPMS# 57778**      **Concord Twp. Closed Loop System**  
 TIP# 7914              Closed Loop Signal System  
 AQ Code 2005M      Concord Twp.

Route 1: US 202 to Cheyney Road (SR 4015)  
 Route 202: 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. Ten signals will be interconnected.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
CON	CMAQ				400	
Fiscal Year Total		0	0	0	400	0
		Total FY 03-06 Cost			400	

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## Pennsylvania - Highway Program

### Delaware

**MPMS# 57780**      **Chester City Access Improvements**  
 TIP# 7915              btw. I-95 and PA 291  
                                 Construct Ramps/Widen/Intersections  
 AQ Code X              Chester City

Construction of I-95 and US 322 ramps, widening of streets and intersections, increasing vertical clearances at Amtrak bridges, and signing. These improvements will provide 2 access corridors, one in the west end of Chester and one in the east end, for truck and general traffic traveling between I-95 and PA 291. These improvements are needed because current access for trucks and general traffic between I-95 and PA 291 is poor, with numerous obstacles.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	STU	4,720				
FD	H-STATE	1,180				
FD	STU		640			
FD	H-STATE		160			
UTL	STU		400			
UTL	H-STATE		100			
ROW	STU		400			
ROW	H-STATE		100			
STU	STU			1,600		
UTL	H-STATE			400		
ROW	STU			3,600		
ROW	H-STATE			900		
CON	TBD					20,000
Fiscal Year Total		<b>5,900</b>	<b>1,800</b>	<b>6,500</b>	<b>0</b>	<b>20,000</b>
		<b>Total FY 03-06 Cost</b>			<b>14,200</b>	

**MPMS# 61695**      **Oakland Road Corridor**  
 TIP# 7904              Brandywine Battlefield National  
                                 Historic Landmark  
 AQ Code X              Chadds Ford Twp.

Acquisition of historic and scenic easements along 1.3 miles of Oakland Road.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	LOCAL	2				
ROW	H-TE		500			
ROW	LOCAL		125			
Fiscal Year Total		<b>2</b>	<b>625</b>	<b>0</b>	<b>0</b>	<b>0</b>
		<b>Total FY 03-06 Cost</b>			<b>627</b>	



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## Pennsylvania - Highway Program

### Delaware

**MPMS# 61701**      **Media Downtown Streetscape**  
 TIP# 7905              Central Business District  
                                  Streetscape Improvements  
 AQ Code X              Media Boro.

Purchase/installation of streetscape improvements in central business district including signage, trash receptacles, re-setting of granite curbs, tree removal and replacement, parking meters, pedestrian signal heads, and new sidewalk.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	H-TE			1,041		
CON	LOCAL			198		
Fiscal Year Total		0	0	1,239	0	0
<b>Total FY 03-06 Cost</b>					<b>1,239</b>	

**MPMS# 61703**      **Intermodal Transportation Improvements**  
 TIP# 7907              Swarthmore Boro.  
                                  Streetscape Improvements  
 AQ Code X              Swarthmore Boro.

Implementation of streetscape and non-motorized circulation improvements in central business district; creation of pedestrian plaza.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
UTL	LOCAL	50				
ROW	H-TE		468			
ROW	LOCAL		117			
CON	H-TE					382
CON	LOCAL					541
Fiscal Year Total		50	585	0	0	923
<b>Total FY 03-06 Cost</b>					<b>635</b>	

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## Pennsylvania - Highway Program

### Delaware

MPMS# 62299 *Bicyclists' Baltimore Pike*

TIP# 7918

Bike Trail

AQ Code X

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.)

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.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	TOLL-MAT			40		
CON	CMAQ			160		
Fiscal Year Total		0	0	200	0	0
Total FY 03-06 Cost					200	

MPMS# 64790 *MacDade Boulevard*

TIP# D12

Oak Avenue to Springfield Road

Signal Analysis, Upgrades & Coordination

AQ Code 2005M

Collingdale Borough

Improvements will consist of replacement of existing solid state equipment with new state of the art controllers to allow for coordinated signalization and better traffic flow management. Some of the existing signals may be determined, through analysis, to be unnecessary due to changes in traffic patterns. Various Borough streets have been made one-way because of narrow streets and lack of off street parking. The benefits to the motoring community will be better traffic flow. The benefit to the Borough will be more modern equipment that is more easily maintained. The age of some of the controllers makes it difficult to find replacement parts. No additional right-of-way will be necessary. We have assumed that only modifications of the controllers will be needed at Oak Avenue, Chester Pike, and Springfield Road.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	LOCAL	160				
CON	CMAQ			800		
Fiscal Year Total		160	0	800	0	0
Total FY 03-06 Cost					960	

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## Pennsylvania - Highway Program

### Delaware

MPMS# 64791      **PA 420 Kedron Avenue**  
 TIP# D14              At Franklin Avenue  
                             Intersection Improvements  
 AQ Code X              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.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
FD	LOCAL	50				
ROW	LOCAL			100		
CON	TBD					500
Fiscal Year Total		50	0	100	0	500
		Total FY 03-06 Cost			150	

MPMS# 64821      **Gradyville Road**  
 TIP# D03              PA 252 Newtown St. Rd.-Bishop Hollow Rd.  
                             Culvert Replacement  
 AQ Code X              Newtown Township

Replace existing culvert at Hunters Run and resurface road.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
FD	LOCAL	50				
CON	TBD					300
Fiscal Year Total		50	0	0	0	300
		Total FY 03-06 Cost			50	

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## Pennsylvania - Highway Program

### Delaware

**MPMS# 64822**      **Bishop Avenue**  
 TIP# D07              Shipley Lane to Barclay Circle  
                             Storm Sewer Construction  
 AQ Code X            Springfield Township

Construction of storm sewers and curbing to alleviate existing flooding on the southbound lane. Currently, the southbound lane is impassable during moderate wet weather events. The proposed project would include the installation of inlets, piping and curb from Barclay Circle to the existing storm sewer system at Shipley Lane. This project would make the highway much safer, reduce erosion at the pavement edge, and reduce ponding at the intersection of Bishop Avenue and Shipley Lane.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
FD	LOCAL	20				
CON	STU				192	
CON	LOCAL				48	
Fiscal Year Total		20	0	0	240	0
		Total FY 03-06 Cost			260	

**MPMS# 64823**      **PA 352, North Middletown Rd**  
 TIP# D17              at Penn State University  
                             New Intersection, replace two others  
 AQ Code X            Middletown Twp

Construction of a new intersection on PA 352 to accommodate new Penn State entrance and realign Old Middletown Road. This improvement would include PA 352 widening to provide a center turning lane and signaling the new intersection. Two existing flat angle intersections of North Old Middletown Road with North Middletown Road would be eliminated.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
FD	LOCAL	444				
ROW	LOCAL	208				
UTL	H-STATE		500			
CON	STU			1,320		
CON	H-STATE			330		
Fiscal Year Total		652	500	1,650	0	0
		Total FY 03-06 Cost			2,802	

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## Pennsylvania - Highway Program

### Delaware

**MPMS# 64843**      **Baltimore Pike Bridge (US 1)**  
 TIP# D24              over Sunny Brook Creek  
                             Bridge Replacement  
 AQ Code X            Concord Township

Bridge Replacement.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
PE	B-STATE		200			
CON	TBD					1,200
Fiscal Year Total		0	200	0	0	1,200
		Total FY 03-06 Cost			200	

**MPMS# 65127**      **Chester Waterfront Develop. Streetscape**  
 TIP# 7920            Highland Ave. and Flower Streets  
 AQ Code X

The City of Chester has obtained an earmark award of \$500,000 Transportation and Community System Preservation Program(TCSP) funds for streetscape improvements and enhancements in support of a brownfield redevelopment project along the Delaware River Waterfront between Highland Avenue and Flower Street.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
PE	DEMO	50				
CON	DEMO	450				
Fiscal Year Total		500	0	0	0	0
		Total FY 03-06 Cost			500	

**MPMS# 65128**      **Chester Exit 6 (I-95) Streetscape Improv**  
 TIP# 7921  
 AQ Code X

The City of Chester has obtained an earmark award of National Corridor Planning and Development Program funds for Streetscape improvements and enhancements along Exit 6 of I-95.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
ENG	DEMO	35				
ENG	LOCAL	9				
CON	DEMO	315				
CON	LOCAL	79				
Fiscal Year Total		438	0	0	0	0
		Total FY 03-06 Cost			438	

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## Pennsylvania - Highway Program

### Delaware

**MPMS# 65911**      **Marcus Hook Streetscape**

TIP# 7925

AQ Code X      Borough of Marcus Hook

Landscaping along the two traffic lanes on Route 13. Additional interpretive signage is planned through the industrial section.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
ERC	H-TE			1,000		
ERC	H-TE			507		
Fiscal Year Total		0	0	1,507	0	0
				<b>Total FY 03-06 Cost</b>	<b>1,507</b>	

**MPMS# 65912**      **Chester City Riverwalk**

TIP# 7927A

AQ Code X      Construct Pedestrian/Bike Trail  
City of Chester

Construct the Riverwalk, a bike/pedestrian facility that will run along the Delaware River from Flower Street to the end of the old Chester Generating Plant near Highland Avenue, adjacent to Seaport Drive. This facility will be a part of the East Coast Greenway. The section will be approximately 12 feet wide and nearly a half-mile in length.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
ERC	H-TE		555			
Fiscal Year Total		0	555	0	0	0
				<b>Total FY 03-06 Cost</b>	<b>555</b>	

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

TIP# 7926

AQ Code X      Building Rehabilitation  
Sharon Hill

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.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
ERC	H-TE	342				
Fiscal Year Total		342	0	0	0	0
				<b>Total FY 03-06 Cost</b>	<b>342</b>	

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## Pennsylvania - Highway Program

**Delaware**

**MPMS# 65923**      **Chester City East Coast Greenway**

TIP# 7927B

Construct Pedestrian/Bike Path

AQ Code X

City of Chester

Construction of portion of East Coast Greenway in Chester City. The project will consist of a twelve foot wide bicycle/pedestrian path paralleling a new Seaport Drive roadway south of PA 291 from Barry Bridge Park to Highland Avenue.

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

**Later FYs**

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
ERC	H-TE		500			
Fiscal Year Total		0	500	0	0	0
<b>Total FY 03-06 Cost</b>					<b>500</b>	

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

TIP#

Harding Drive to Dermond Drive

Closed Loop Signal System

AQ Code X

As a result of the 2002 DVRPC Competitive CMAQ Program, \$538,000 CMAQ funds will be programmed in the future as appropriate for construction of a fiber optic closed loop signal system along Route 1 consisting of six intersections through the Upper Darby Township from Harding Drive to Dermond Drive. System will include new controllers, a master controller, and allow for traffic responsive operation and future capability for tie-in of video detection.

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

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

**Later FYs**

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
Fiscal Year Total		0	0	0		0
<b>Total FY 03-06 Cost</b>						

**MPMS# 69896**      **Main Street RR Grade Crossing**

TIP#

RailRoad Grade Crossing Improvement

AQ Code X

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

**Later FYs**

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON			250			
Fiscal Year Total		0	250	0	0	0
<b>Total FY 03-06 Cost</b>					<b>250</b>	

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## Pennsylvania - Highway Program

### Delaware

MPMS# 70229      **Market Street Gateway Phase 2**  
 TIP#                      Brief Ave. to Delaware/Philadelphia line  
                                  Roadway and Pedestrian Improvements  
 AQ Code   X

Phase 2 in a 3 phase overall economic development strategy to make this "gateway" area between Upper Darby and Philadelphia more attractive to businesses and residents. Project includes roadway and pedestrian improvements along Market Street.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
PE	LOCAL		70			
Fiscal Year Total		0	70	0	0	0
		Total FY 03-06 Cost			70	
<b>Total for Delaware</b>		<b>43,064</b>	<b>36,030</b>	<b>28,413</b>	<b>28,718</b>	<b>137,640</b>
		Total FY 03-06 Cost			136,225	



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## Pennsylvania - Highway Program

### Montgomery

**MPMS# 15624**      **Lewis Road**  
 TIP# 8736              Ridge Pike to Knights Road  
                                  S- Curve Reconstruction  
 AQ Code X              Limerick Twp.

This project involves softening the "S" curve to bring it up to current standards and replacing two culverts. The reconstructed road will have two lanes with 2' to 4' shoulders.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
ROW	H-STATE	500				
CON	H-STATE					800
Fiscal Year Total		<b>500</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>800</b>
		<b>Total FY 03-06 Cost</b>			<b>500</b>	

**MPMS# 15698**      **Mill Road Bridge**  
 TIP# M22              over Skippack Creek  
                                  Bridge Replacement/Removal  
 AQ Code X              Skippack Township

Bridge Replacement/Removal.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
PE	B-STATE		340			
FD	B-STATE			150		
CON	TBD					500
Fiscal Year Total		<b>0</b>	<b>340</b>	<b>150</b>	<b>0</b>	<b>500</b>
		<b>Total FY 03-06 Cost</b>			<b>490</b>	

**MPMS# 15772**      **Bridge Road**  
 TIP# 8525              Over Skippack Creek  
                                  Bridge Replacement  
 AQ Code X              Lower Salford Twp.

The existing two lane bridge will be replaced with a two lane bridge with shoulders.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	BRIDGE	240				
FD	B-STATE	60				
UTL	BRIDGE		28			
UTL	B-STATE		7			
CON	BRIDGE		960			
CON	B-STATE		240			
Fiscal Year Total		<b>300</b>	<b>1,235</b>	<b>0</b>	<b>0</b>	<b>0</b>
		<b>Total FY 03-06 Cost</b>			<b>1,535</b>	

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## Pennsylvania - Highway Program

### Montgomery

MPMS# 15793

**Salfordville Road**

TIP# 8427

Over East Branch of Perkiomen Creek

Bridge Replacement

AQ Code X

Lower Salford Twp.

Replace the existing two lane bridge 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. intersection.

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

**Later FYs**

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006
FD	B-STATE	280			
UTL	B-STATE	20			
ROW	B-STATE	150			
CON	B-STATE				1,500

Fiscal Year Total	<b>450</b>	<b>0</b>	<b>0</b>	<b>1,500</b>	<b>0</b>
		<b>Total FY 03-06 Cost</b>		<b>1,950</b>	

MPMS# 15999

**Glenside Avenue (Bridge)**

TIP# 8690

Over Tacony Creek

Bridge Replacement

AQ Code X

Cheltenham Twp.

Replace the existing 20' wide bridge with a 24' wide bridge with sidewalk on one side.

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

**Later FYs**

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006
FD	B-STATE	80			
FD	LOCAL	20			
CON	B-STATE	640			
CON	LOCAL	935			

Fiscal Year Total	<b>1,675</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
		<b>Total FY 03-06 Cost</b>		<b>1,675</b>	

MPMS# 16085

**PA 29 over Hosensack Creek (Bridge)**

TIP# 8761

Bridge Replacement

AQ Code X

Upper Hanover Twp.

Bridge Replacement

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

**Later FYs**

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006
ROW	B-STATE	50			
CON	B-STATE				800

Fiscal Year Total	<b>50</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>800</b>
		<b>Total FY 03-06 Cost</b>		<b>50</b>	

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## Pennsylvania - Highway Program

### Montgomery

**MPMS# 16086**      **PA 29 Gravel Pike (Bridge)**  
 TIP# 8762            over Branch of Perkiomen Creek  
                          Bridge Replacement  
 AQ Code X            Upper Hanover Twp.

Bridge Replacement

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
ROW	BRIDGE	40				
ROW	B-STATE	10				
FD	B-STATE		150			
CON	BRIDGE					640
CON	B-STATE					160
Fiscal Year Total		<b>50</b>	<b>150</b>	<b>0</b>	<b>0</b>	<b>800</b>
		<b>Total FY 03-06 Cost</b>			<b>200</b>	

**MPMS# 16098**      **Spring Mount Road (Bridge)**  
 TIP# 8446            Over Perkiomen Creek  
                          Bridge Replacement  
 AQ Code X            Lower Frederick Twp.

This 18' wide bridge built in 1869 will be replaced with a 28' wide bridge with two 11' lanes and 3' shoulders.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
CON	DEMO	400				
CON	B-STATE		1,600			
Fiscal Year Total		<b>400</b>	<b>1,600</b>	<b>0</b>	<b>0</b>	<b>0</b>
		<b>Total FY 03-06 Cost</b>			<b>2,000</b>	

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## Pennsylvania - Highway Program

### Montgomery

**MPMS# 16099**      **Camp Road (Bridge)**  
 TIP# 8434            Over East Branch of Perkiomen Creek  
                          Bridge Replacement  
 AQ Code X           Franconia Twp., Salford Twp.

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.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
FD	BRIDGE	216				
FD	B-STATE	54				
UTL	BRIDGE	40				
UTL	B-STATE	10				
ROW	BRIDGE	120				
ROW	B-STATE	30				
CON	BRIDGE			1,600		
CON	B-STATE			400		
Fiscal Year Total		<b>470</b>	<b>0</b>	<b>2,000</b>	<b>0</b>	<b>0</b>
		<b>Total FY 03-06 Cost</b>			<b>2,470</b>	

**MPMS# 16114**      **Blair Mill Rd.**  
 TIP# 8369            County Line Rd. to PA 63, Welsh Rd.  
                          Intersection and Corridor Improvements  
 AQ Code 2015M      Horsham, Upper Moreland, Upper Dublin Twps.

Improvements along 3.1 miles of roadway between County Line Rd. and Welsh Rd. Widen from 2 to 4 lanes between Welsh Rd. and Easton Rd.; from 2 to 5 lanes between Easton and Welsh; and from 2 to 3 lanes between Moreland and County Line Rds. Includes extra clearance, curbs and turn lanes where required, and some restriping and intersection improvements.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
FD	STU		800			
FD	H-STATE		200			
CON	TBD					19,800
Fiscal Year Total		<b>0</b>	<b>1,000</b>	<b>0</b>	<b>0</b>	<b>19,800</b>
		<b>Total FY 03-06 Cost</b>			<b>1,000</b>	

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## Pennsylvania - Highway Program

### Montgomery

**MPMS# 16131**      **PA 73, Township Line Road**  
 TIP# 8712              Hasbrook Ave. to Old York Rd., PA 611  
                                  Restoration, Signal, & Int. Improvements  
 AQ Code X              Abington Twp., Cheltenham Twp.

Road restoration, including curb improvements, drainage improvements, base repair, milling, overlay, signal modernization, and isolated turn lanes.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
UTL	LOCAL		1,195			
CON	TOLL-MAT		1,088			
CON	HWY		4,353			
CON	TOLL-MAT			600		
CON	HWY			2,400		
Fiscal Year Total		0	6,636	3,000	0	0
			<b>Total FY 03-06 Cost</b>		<b>9,636</b>	

**MPMS# 16147**      **Swamp Creek Road (Bridge)**  
 TIP# 8685              Over Swamp Creek  
                                  Bridge Replacement (#107)  
 AQ Code X              Douglass Twp.

The existing 20' wide bridge will be replaced with a 24' to 32' wide bridge, with two lanes, shoulders, and sidewalk on at least one side.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	B-STATE		600			
CON	LOCAL		150			
Fiscal Year Total		0	750	0	0	0
			<b>Total FY 03-06 Cost</b>		<b>750</b>	

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## Pennsylvania - Highway Program

### Montgomery

**MPMS# 16155**      **Church Road (Bridge) over R5**  
 TIP# 8475              Amtrak and SEPTA R5 Rail Line  
                                  Bridge Replacement  
 AQ Code X              Lower Merion Twp.

The existing 18' wide bridge with no shoulders will be replaced with a 24' wide bridge with two 10' lanes and 2' shoulders.

		TIP Program Years (\$ 000)				Later FYs
Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	B-STATE		300			
FD	LOCAL		75			
CON	BRIDGE			3,200		
CON	B-STATE			600		
CON	LOCAL			200		
CON	BRIDGE				1,400	
CON	B-STATE				263	
CON	LOCAL				88	
Fiscal Year Total		0	375	4,000	1,751	0
		<b>Total FY 03-06 Cost</b>				
					<b>6,126</b>	

**MPMS# 16174**      **Morris Road (Bridge)**  
 TIP# 8719              Over Skippack Creek  
                                  Bridge Replacement  
 AQ Code X              Lower Salford Twp.

The existing 22' wide bridge will be replaced with a 38' wide bridge with two lanes and shoulders.

		TIP Program Years (\$ 000)				Later FYs
Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	B-STATE	94				
FD	LOCAL	23				
CON	B-STATE		962			
CON	LOCAL		241			
Fiscal Year Total		117	1,203	0	0	0
		<b>Total FY 03-06 Cost</b>				
					<b>1,320</b>	

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### Montgomery

**MPMS# 16176**      **Colonial Road (Bridge)**  
 TIP# 8684            Over Swamp Creek  
                          Bridge Replacement (#106)  
 AQ Code X            Upper Frederick Twp.

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
		FY 2003	FY 2004	FY 2005	FY 2006	
PE	BRIDGE	246				
PE	B-STATE	46				
PE	LOCAL	15				
ROW	BRIDGE					80
ROW	LOCAL					20
CON	BRIDGE					800
CON	LOCAL					200
Fiscal Year Total		<b>307</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,100</b>
		<b>Total FY 03-06 Cost</b>			<b>307</b>	

**MPMS# 16180**      **Merion Avenue (Bridge)**  
 TIP# 8528            Over Amtrak and SEPTA R5 Rail Lines  
                          Bridge Replacement  
 AQ Code X            Lower Merion Twp.

The existing two lane bridge with sidewalk on one side will be replaced in kind. The approaches will be raised to slightly reduce the hump.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
FD	B-STATE		200			
FD	LOCAL		50			
CON	BRIDGE			3,200		
CON	B-STATE			600		
CON	LOCAL			200		
CON	BRIDGE				880	
CON	B-STATE				165	
CON	LOCAL				55	
Fiscal Year Total		<b>0</b>	<b>250</b>	<b>4,000</b>	<b>1,100</b>	<b>0</b>
		<b>Total FY 03-06 Cost</b>			<b>5,350</b>	

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## Pennsylvania - Highway Program

### Montgomery

MPMS# 16190 *US 202, Dekalb Pike (Bridge)*  
 TIP# 8770 over Norfolk Southern Railroad  
 Bridge Replacement  
 AQ Code X Bridgeport Boro.

Bridge Replacement. (Will include a bike path)

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	BRIDGE	480				
FD	B-STATE	120				
ROW	BRIDGE		600			
ROW	B-STATE		150			
UTL	BRIDGE			40		
UTL	B-STATE			10		
ROW	BRIDGE			600		
ROW	B-STATE			150		
CON	TBD					7,500
Fiscal Year Total		600	750	800	0	7,500
		Total FY 03-06 Cost			2,150	

MPMS# 16191 *Elm Street (Bridge)*  
 TIP# M25 over Railroad, CC Trail and Plymouth Cr  
 Partial Removal & Bridge Replacement  
 AQ Code X Conshohocken Borough

Partial Removal & Bridge Replacement.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
PE	B-STATE	200				
UTL	B-STATE		25			
FD	B-STATE			200		
CON	TBD					750
Fiscal Year Total		200	25	200	0	750
		Total FY 03-06 Cost			425	



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## Pennsylvania - Highway Program

### Montgomery

**MPMS# 16197**      **Greenwood Avenue (Bridge)**  
 TIP# 8436            Over SEPTA Mainline Commuter Rail  
                          Bridge Replacement  
 AQ Code X            Cheltenham Twp., Jenkintown Boro.

This project involves replacing in kind the existing three lane bridge with sidewalk on one side, tying into the adjacent intersection and SEPTA driveways.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
FD	BRIDGE	280				
FD	B-STATE	70				
UTL	BRIDGE		130			
UTL	B-STATE		33			
ROW	BRIDGE		520			
ROW	B-STATE		130			
CON	TBD					3,300
Fiscal Year Total		<b>350</b>	<b>813</b>	<b>0</b>	<b>0</b>	<b>3,300</b>
			<b>Total FY 03-06 Cost</b>		<b>1,163</b>	

**MPMS# 16210**      **US 202 (Section 400)**  
 TIP# 8382A            Gulph Rd. to Warner Rd. & I-76  
                          Widening and Access Improvements  
 AQ Code 2015M      Upper Merion Twp.

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. The limits of Section 400 are from PA 252 to I-76. Traffic volumes in this section of US 202 exceed 80,000 AADT. PennDOT has identified this section 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.

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
		FY 2003	FY 2004	FY 2005	FY 2006	
CON	HWY	25,400				
CON	H-STATE	6,350				
Fiscal Year Total		<b>31,750</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
			<b>Total FY 03-06 Cost</b>		<b>31,750</b>	

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## Pennsylvania - Highway Program

### Montgomery

**MPMS# 16211**      ***I-76, Schuylkill Expressway***  
 TIP# 8745            at Henderson Rd.  
                          Interchange Improvement  
 AQ Code 2015M      Upper Merion Twp.

Provide a new interchange on I-76 for westbound on and off movements and close the adjacent S. Gulph Rd. westbound on ramp. This improvement will provide alternate access to the King of Prussia core, improve access to Norristown, and relieve the heavily congested interchange of I-76 and US 202.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
ROW	HWY					800
ROW	LOCAL					200
CON	HWY					5,200
CON	LOCAL					1,300
Fiscal Year Total		0	0	0	0	7,500
		<b>Total FY 03-06 Cost</b>			0	

**MPMS# 16214**      ***Old York Road ( PA 611) (Bridge)***  
 TIP# M19            over SEPTA R3 (Noble Station)  
                          Bridge Replacement  
 AQ Code X           Abington Township

Bridge Replacement

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
PE	B-STATE		360			
FD	B-STATE			250		
CON	TBD					2,000
Fiscal Year Total		0	360	250	0	2,000
		<b>Total FY 03-06 Cost</b>			610	

**MPMS# 16216**      ***Pennswood Road (Bridge)***  
 TIP# 8732            Over Amtrak and SEPTA R5 Rail Lines  
                          Bridge Replacement  
 AQ Code X           Lower Merion Twp.

The existing two lane bridge with sidewalk on one side will be replaced with a two lane bridge, width to be determined, with sidewalk on one side.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
FD	B-STATE		160			
FD	LOCAL		40			
CON	TBD					4,410
Fiscal Year Total		0	200	0	0	4,410
		<b>Total FY 03-06 Cost</b>			200	

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## Pennsylvania - Highway Program

### Montgomery

**MPMS# 16237**      *Conshohocken Road (Bridge)*

TIP# 8451      Over Conrail  
 Bridge Replacement  
 AQ Code X      Plymouth Twp.

This project involves replacing the existing two lane bridge with a two lane bridge with shoulders, and drainage and guiderail improvements.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
UTIL	BRIDGE	120				
UTIL	B-STATE	30				
FD	BRIDGE	192				
FD	B-STATE	48				
ROW	BRIDGE	120				
ROW	B-STATE	30				
CON	BRIDGE					5,600
CON	B-STATE					1,400
Fiscal Year Total		<b>540</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7,000</b>
		<b>Total FY 03-06 Cost</b>			<b>540</b>	

**MPMS# 16248**      *Union Avenue (Bridge)*

TIP# 8741      Over SEPTA R6, Cynwyd Rail Line  
 Bridge Replacement  
 AQ Code X      Lower Merion Twp.

Replace narrow two lane bridge. New bridge will include two 5 foot wide sidewalks.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	B-STATE		96			
FD	LOCAL		24			
CON	BRIDGE			1,920		
CON	B-STATE			360		
CON	LOCAL			120		
Fiscal Year Total		<b>0</b>	<b>120</b>	<b>2,400</b>	<b>0</b>	<b>0</b>
		<b>Total FY 03-06 Cost</b>			<b>2,520</b>	

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## Pennsylvania - Highway Program

### Montgomery

**MPMS# 16267**      *River Road (Bridge)*  
 TIP# 8695              Over Mill Creek  
                                 Bridge Replacement  
 AQ Code X              Lower Merion Twp.

The existing two lane bridge with shoulders will be replaced with a two lane bridge with shoulders and possibly sidewalks to connect to the adjacent park.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	B-STATE	13				
FD	LOCAL	3				
UTL	B-STATE	4				
UTL	LOCAL	1				
CON	BRIDGE			859		
CON	B-STATE			161		
CON	LOCAL			54		
Fiscal Year Total		21	0	1,074	0	0
		<b>Total FY 03-06 Cost</b>			<b>1,095</b>	

**MPMS# 16289**      *North Wales Rd.*  
 TIP# 8723              Over Stoney Creek, north of Yost Road  
                                 Bridge Replacement  
 AQ Code X              Whitpain Twp., Worcester Twp.

This project involves replacing the culvert to alleviate a flooding problem. The existing 30' wide bridge will be widened to 40' with sidewalk on the west side.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
ROW	B-STATE	40				
ROW	LOCAL	10				
CON	B-STATE			400		
CON	LOCAL			100		
Fiscal Year Total		50	0	500	0	0
		<b>Total FY 03-06 Cost</b>			<b>550</b>	

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## Pennsylvania - Highway Program

### Montgomery

**MPMS# 16334**      **PA 73, Church Road**  
 TIP# 8519            Greenwood Ave. to Rice's Mill Road  
                          Intersection Improvements  
 AQ Code X            Cheltenham Twp.

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.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	HWY		416			
FD	S-MAINT		104			
UTL	HWY		80			
UTL	S-MAINT		20			
ROW	HWY		80			
ROW	S-MAINT		20			
CON	TBD					1,212
Fiscal Year Total		0	720	0	0	1,212
		Total FY 03-06 Cost			720	

**MPMS# 16371**      **US 202, Dannehower Bridge over**  
 TIP# 8787            Schuylkill River & Norfolk Southern RR  
                          Bridge Deck Rehabilitation-2 structures  
 AQ Code X            Upper Merion Twp., Norristown Boro.

Rehabilitate bridge decks of two structures.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
ROW	B-STATE	50				
UTL	B-STATE		50			
CON	TBD					10,000
Fiscal Year Total		50	50	0	0	10,000
		Total FY 03-06 Cost			100	

**MPMS# 16372**      **Quarry Rd. (Bridge)**  
 TIP# 8769            over Skippack Creek  
                          Bridge Replacement  
 AQ Code X            Lower Salford Twp.

Replace bridge.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	B-STATE	200				
ROW	B-STATE	50				
CON	B-STATE		750			
Fiscal Year Total		250	750	0	0	0
		Total FY 03-06 Cost			1,000	

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## Pennsylvania - Highway Program

### Montgomery

**MPMS# 16376**      **Morris Road**  
 TIP# 8551            At North Wales Road  
                          Intersection Improvement  
 AQ Code X            Worcester Twp., Whitpain Twp.

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.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
ROW	HWY	258				
ROW	H-STATE	86				
CON	HWY			920		
CON	H-STATE			230		
Fiscal Year Total		<b>344</b>	<b>0</b>	<b>1,150</b>	<b>0</b>	<b>0</b>
		<b>Total FY 03-06 Cost</b>			<b>1,494</b>	

**MPMS# 16382**      **PA-29**  
 TIP# 8560            at 1st Ave. and 2nd Ave.  
                          Intersection Improvement  
 AQ Code X            Collegeville Boro.

Relocate intersection of Main St./1st Ave; provide turn lanes on Main St., 1st Ave., and 2nd Ave.; and interconnect signals.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	DEMO		311			
FD	H-STATE		78			
UTL	DEMO		48			
UTL	H-STATE		12			
ROW	HWY		400			
ROW	H-STATE		100			
CON	HWY			960		
CON	H-STATE			240		
Fiscal Year Total		<b>0</b>	<b>949</b>	<b>1,200</b>	<b>0</b>	<b>0</b>
		<b>Total FY 03-06 Cost</b>			<b>2,149</b>	

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## Pennsylvania - Highway Program

### Montgomery

**MPMS# 16396**      **Church Rd. (Bridge) over NHSL**  
 TIP# 8771            over SEPTA Route 100  
                          Bridge Replacement  
 AQ Code X          Upper Merion

Replace bridge.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
PE	BRIDGE		240			
PE	B-STATE		45			
PE	LOCAL		15			
FD	BRIDGE					240
FD	B-STATE					45
FD	LOCAL					15
ROW	BRIDGE					40
ROW	B-STATE					8
ROW	LOCAL					2
CON	TBD					2,200
Fiscal Year Total		0	300	0	0	2,550
		Total FY 03-06 Cost			300	

**MPMS# 16399**      **Himmelwright Road (Bridge #92)**  
 TIP# 8682            Over Branch of Perkiomen Creek  
                          Bridge Replacement  
 AQ Code X          Douglass Twp.

Replacement of the existing 17' wide bridge with a 28' wide bridge with two lanes and shoulders.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	BRIDGE					800
CON	LOCAL					200
Fiscal Year Total		0	0	0	0	1,000
		Total FY 03-06 Cost			0	

**MPMS# 16401**      **Freeman School Rd. (Bridge)**  
 TIP# 8791            over East Branch of Perkiomen Creek  
                          Bridge Replacement  
 AQ Code X          Lower Salford Twp.

Bridge Replacement

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	B-STATE			1,600		
CON	LOCAL			400		
Fiscal Year Total		0	0	2,000	0	0
		Total FY 03-06 Cost			2,000	

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## Pennsylvania - Highway Program

### Montgomery

**MPMS# 16406**      **Metz Road (bridge)**  
 TIP# 8726            Over Towamencin Creek  
                          Bridge Replacement  
 AQ Code X            Towamencin Twp.

The existing two lane, 20' wide bridge will be replaced with a 33' wide bridge with two lanes and shoulders.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	B-STATE	560				
CON	LOCAL	140				
FD	B-STATE		46			
FD	LOCAL		12			
CON	B-STATE		93			
CON	LOCAL		23			
Fiscal Year Total		<b>700</b>	<b>174</b>	<b>0</b>	<b>0</b>	<b>0</b>
			<b>Total FY 03-06 Cost</b>		<b>874</b>	

**MPMS# 16411**      **Grange Ave. (Bridge)**  
 TIP# 8756            over Branch of Skippack Creek  
                          Bridge Replacement  
 AQ Code X            Lower Providence Twp.

Bridge Replacement

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	B-STATE		845			
CON	LOCAL		211			
Fiscal Year Total		<b>0</b>	<b>1,056</b>	<b>0</b>	<b>0</b>	<b>0</b>
			<b>Total FY 03-06 Cost</b>		<b>1,056</b>	

**MPMS# 16423**      **PENNSYLVANIA AVENUE**  
 TIP# 8675            OVER SEPTA R5-DOYLESTOWN LINE  
                          BRIDGE REPLACEMENT  
 AQ Code X            North Wales Boro.

The existing bridge was originally two lanes, but was reduced to one lane due to deteriorated sidewalks. Part of the roadway has been separated with "jersey barriers" and is currently serving as the sidewalk. The new bridge will have two lanes with sidewalk on one side.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	BRIDGE		96			
CON	B-STATE		18			
CON	LOCAL		6			
Fiscal Year Total		<b>0</b>	<b>120</b>	<b>0</b>	<b>0</b>	<b>0</b>
			<b>Total FY 03-06 Cost</b>		<b>120</b>	



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## Pennsylvania - Highway Program

### Montgomery

**MPMS# 16429**      **NORTH PENN INTERSECTION IMPROVEMENTS**  
 TIP# 8591              GROUP 2  
 AQ Code X              U. Gwynedd, Montgomery, Worcester, Lansdale

- Morris Rd. at PA 363, Valley Forge Rd.: add right turn lane on northbound PA 363  
 - Allentown Rd. at PA 363, Valley Forge Rd.: add right turn lane on northbound PA 363  
 - Main St. at Church Rd.: add right turn lane on westbound Main St.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	HWY		64			
FD	H-STATE		16			
UTL	TOLL-MAT		400			
UTL	HWY		1,600			
CON	HWY		1,229			
CON	TOLL-MAT		307			
Fiscal Year Total		0	3,616	0	0	0
		Total FY 03-06 Cost			3,616	

**MPMS# 16433**      **Pennsylvania Avenue**  
 TIP# 8586              At Camp Hill Road  
                             Intersection Improvement  
 AQ Code X              Springfield Twp.

Align Camp Hill Rd. with Pennsylvania Ave. and install a traffic signal and add left turn lanes on Pennsylvania Ave.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
ROW	STU	552				
ROW	H-STATE	138				
CON	TBD					3,800
Fiscal Year Total		690	0	0	0	3,800
		Total FY 03-06 Cost			690	

**MPMS# 16436**      **PA 113 By-Pass**  
 TIP# 8748              at Creamery Village  
                             Relocation  
 AQ Code 2015M      Skippack Twp.

Eliminate a series of "S" curves and one 90 degree turn by constructing a two lane relocation, approximately 4000 feet in length.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	DEMO		392			
FD	H-STATE		98			
CON	DEMO				1,987	
CON	TBD					2,013
Fiscal Year Total		0	490	0	1,987	2,013
		Total FY 03-06 Cost			2,477	

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## Pennsylvania - Highway Program

### Montgomery

**MPMS# 16438**      **PA 309 Connector Project**  
 TIP# 8749              PA 309 to PA 63, Sumneytown Pike  
                                  New/Upgraded Connector Roadway  
 AQ Code 2015M      Hatfield, Franconia, L. Salford, Towamencin Twps.

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.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
PE	DEMO	858				
PE	H-STATE	214				
PE	DEMO		997			
PE	H-STATE		249			
ROW	DEMO				211	
ROW	HWY				589	
ROW	H-STATE				200	
CON	TBD					35,000
Fiscal Year Total		<b>1,072</b>	<b>1,246</b>	<b>0</b>	<b>1,000</b>	<b>35,000</b>
		<b>Total FY 03-06 Cost</b>			<b>3,318</b>	

**MPMS# 16442**      **Easton Road Phase 2**  
 TIP# 8623              Glenside Rd. to PA 611  
                                  Reconstruction/Signal & Drainage Imp.  
 AQ Code X              Abington Twp., Upper Moreland Twp.

This project consists of road reconstruction, including milling, drainage, and overlay; parking improvements; signal modernization; crosswalk improvements; and the installation of decorative pavement. The travel lanes will also be narrowed in order to slow the speed of traffic and improve safety.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
CON	STU	512				
CON	LOCAL	128				
CON	STU		284			
CON	LOCAL		71			
Fiscal Year Total		<b>640</b>	<b>355</b>	<b>0</b>	<b>0</b>	<b>0</b>
		<b>Total FY 03-06 Cost</b>			<b>995</b>	

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## Pennsylvania - Highway Program

### Montgomery

**MPMS# 16446**      **PA 463, Horsham Road**  
 TIP# 8730              PA 611, Easton Rd to PA 152, Limekiln Pk  
                                  Widening, including turn lane  
 AQ Code 2005M      Horsham Twp.

This project involves widening the existing two lane road (one lane in each direction) to four lanes (two lanes in each direction) with a fifth lane for left turns at intersections, and widening the shoulders to accommodate bicycles between PA-611 to Babylon Rd. The road will be widened to three lanes between Babylon Rd. and PA-152.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	STU	2,528				
CON	H-STATE	632				
CON*	STU		849			
CON*	H-STATE		212			
CON	STU		6,567			
CON	H-STATE		1,642			
Fiscal Year Total		<b>3,160</b>	<b>9,270</b>	<b>0</b>	<b>0</b>	<b>0</b>
			<b>Total FY 03-06 Cost</b>		<b>12,430</b>	

**MPMS# 16476**      **PA 309, Haws Rd. to Highland Ave.**  
 TIP# 8599A              North & South of Ft Washington Interchg  
                                  Reconstruction (Section 100)  
 AQ Code X              Upper Dublin Twp., Whitemarsh Twp.

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, 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.  
 This project is Section 100 of Route 309, between Haws Rd. and Highland Avenue, which surrounds the Fort Washington Interchange. This project includes the 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.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
DES	HWY	2,400				
DES	H-STATE	600				
CON	TOLL-MAT		700			
CON	DEMO		2,800			
CON	TOLL-MAT		2,000			
CON	HWY		8,000			
CON	HWY			18,118		
CON	TOLL-MAT			4,529		
CON	H-STATE			4,300		
CON	HWY				21,000	
CON	TOLL-MAT				5,250	
Fiscal Year Total		<b>3,000</b>	<b>13,500</b>	<b>26,947</b>	<b>26,250</b>	<b>0</b>
			<b>Total FY 03-06 Cost</b>		<b>69,697</b>	

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## Pennsylvania - Highway Program

### Montgomery

MPMS# 16477 PA 309, Welsh Rd. to Highland Ave.  
TIP# 8572C

AQ Code X Reconstruction  
Lower Gwynedd Twp., Upper Dublin Twp.

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, and reconfiguring the Easton Rd. and PA Turnpike interchanges. The project also involves rehabilitating all of the existing structures, including redecking and widening to accommodate the wider roadway.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
FD	HWY	1,600				
FD	H-STATE	400				
ROW	HWY	1,200				
ROW	H-STATE	300				
UTL	HWY		800			
UTL	H-STATE		200			
CON	DEMO			4,406		
CON	HWY			4,594		
CON	H-STATE			2,250		
CON	HWY				19,000	
CON	H-STATE				4,750	
CON	TBD					10,000
Fiscal Year Total		3,500	1,000	11,250	23,750	10,000
		Total FY 03-06 Cost			39,500	

MPMS# 16478 PA 309, FT. WASHINGTON EXPRESSWAY  
TIP# 8572B OFF-ROUTE IMPROVEMENTS ASSOCIATED  
WITH PA 309 RESTORATION PROJECT  
AQ Code X Abington Twp., Ambler Boro.

This project involves upgrading the routes that will experience increased traffic during the PA 309 restoration project. Twenty-five signals will be modernized and coordinated along Church Rd., Limekiln Pike, and Bethlehem Pike. The Virginia Drive bridge will also be widened to accommodate turn lanes.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
CON	HWY	222				
CON	H-STATE	56				
Fiscal Year Total		278	0	0	0	0
		Total FY 03-06 Cost			278	

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## Pennsylvania - Highway Program

### Montgomery

MPMS# 16479 PA 309, Cheltenham Ave. to Church Rd.  
 TIP# 8572A

AQ Code X Reconstruction  
 Cheltenham Twp., Springfield Twp.

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.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
DES	HWY	800				
DES	H-STATE	200				
UTL	DEMO		800			
UTL	H-STATE		200			
CON	DEMO		3,606			
CON	H-STATE		902			
CON	H-STATE		850			
CON	HWY			23,440		
CON	H-STATE			5,860		
CON	HWY				28,560	
CON	H-STATE				7,140	
CON	HWY					3,595
CON	H-STATE					898
Fiscal Year Total		<b>1,000</b>	<b>6,358</b>	<b>29,300</b>	<b>35,700</b>	<b>4,493</b>
			<b>Total FY 03-06 Cost</b>		<b>72,358</b>	

# DVRPC FY 2003-2006 TIP for PA

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## Pennsylvania - Highway Program

### Montgomery

MPMS# 16487 US 202 (SEC. 403) & US 422 RAMP TO I-76

TIP# 8382B

AQ Code 2005M Upper Merion Twp., Tredyffrin Twp.

US 202 stretches from Wilmington, Delaware to Bangor, Maine. In the DVRPC region, US 202 covers 61 miles, traversing 27 municipalities. 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 eight sections. The limits of Section 400 are from PA 252 to I-76. Traffic volumes in this section of US 202 exceed 80,000 AADT.

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 and cost estimates are yet to be determined but could include: subsidies to SEPTA for new transit service and a localized rideshare program for Chester and Montgomery Counties.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	Later FYs
CON	HWY	8,315				
CON	H-STATE	2,079				
Fiscal Year Total		10,394	0	0	0	0
		Total FY 03-06 Cost			10,394	

MPMS# 16489 Old Betzwood Bridge

TIP# 8601A Over Scuykill River

Bridge Replacement

AQ Code 2015M West Norriton Twp., Upper Merion Twp.

The new bridge will have two lanes with 8' shoulders on both sides and a 12' wide bicycle/pedestrian path separated from the road by barriers.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	Later FYs
FD	BRIDGE	792				
FD	B-STATE	198				
ROW	BRIDGE					160
ROW	H-STATE					40
CON	BRIDGE					5,440
CON	H-STATE					1,360
Fiscal Year Total		990	0	0	0	7,000
		Total FY 03-06 Cost			990	

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## Pennsylvania - Highway Program

### Montgomery

**MPMS# 16519**      **Germantown Pike**  
 TIP# 8617            Sandy Hill Road to Launfall Rd.  
                           Signal Improvement and Left turn Lanes  
 AQ Code 2015M      Plymouth Twp.

This project involves interconnecting the traffic signals and widening to provide a left turn lane on westbound Germantown Pike at Sandy Hill Rd., a right turn lane on westbound Germantown Pike at Walton Rd., and dual left turn lanes on southbound Walton Rd.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	STU	2,464				
CON	H-STATE	616				
Fiscal Year Total		<b>3,080</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total FY 03-06 Cost</b>					<b>3,080</b>	

**MPMS# 16534**      **PA 73 (BIG RD.)**  
 TIP# 8657            AT SWAMP PIKE AND GILBERTSVILLE RD.  
                           INTERSECTION IMPROVEMENT  
 AQ Code X            Douglass Twp.

This project consists of signalizing the intersection, adding left turn lanes on PA 73 at Gilbertsville Rd., and aligning the Gilbertsville Rd./Swamp Pike intersection.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	STU	150				
Fiscal Year Total		<b>150</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total FY 03-06 Cost</b>					<b>150</b>	

**MPMS# 16546**      **BELVOIR ROAD**  
 TIP# 8727            OVER SAW MILL RUN  
                           BRIDGE REPLACEMENT  
 AQ Code X            Plymouth Twp.

The existing two lane bridge with sidewalk on one side will be replaced in kind.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	BRIDGE		847			
CON	LOCAL		346			
Fiscal Year Total		<b>0</b>	<b>1,193</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total FY 03-06 Cost</b>					<b>1,193</b>	

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## Pennsylvania - Highway Program

### Montgomery

**MPMS# 16555**      **PA 309, BETHLEHEM PIKE**  
 TIP# 8610            PA 463 (5 POINTS) TO NORTH WALES RD.  
                           CORRIDOR IMPROVEMENT  
 AQ Code 2005M      Montgomery Twp.

Widen to accommodate a center left turn lane.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	CMAQ		579			
CON	H-STATE		145			
Fiscal Year Total		0	724	0	0	0
		Total FY 03-06 Cost			724	

**MPMS# 16565**      **PA 363, Valley Forge Rd.**  
 TIP# 8634            at Sumneystown Pike  
                           Intersection Improvement  
 AQ Code X            Towamencin Twp., Upper Gwynedd Twp.

Widen all approaches for left turn lanes.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
ROW	LOCAL	200				
CON	STU				9,600	
CON	H-STATE				2,400	
Fiscal Year Total		200	0	0	12,000	0
		Total FY 03-06 Cost			12,200	

**MPMS# 16577**      **Ridge Pike, Butler Pike to Phila Line**  
 TIP# 8624            Reconstruction  
 AQ Code X            Whitmarsh Twp., Springfield Twp.

This project involves reconstructing the road, upgrading the traffic signals, and adding turn lanes where needed.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
ROW	HWY					400
ROW	LOCAL					100
CON	HWY					4,000
CON	LOCAL					1,000
Fiscal Year Total		0	0	0	0	5,500
		Total FY 03-06 Cost			0	



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## Pennsylvania - Highway Program

### Montgomery

**MPMS# 16578**      **Sumneytown Pike**  
 TIP# 8633B      Supplee Road to Broad Street  
                          Intersection Improvement, widening  
 AQ Code 2005M      Upper Gwynedd Twp.

This portion of the project involves widening Sumneytown Pike from two to four lanes for approximately 1/4 mile, and traffic signal upgrades.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	STU		2,320			
CON	LOCAL		560			
Fiscal Year Total		0	2,880	0	0	0
		<b>Total FY 03-06 Cost</b>			<b>2,880</b>	

**MPMS# 16585**      **Perkiomen Trail**  
 TIP# 8780  
 AQ Code X      Pedestrian/Bike Trail Improvements  
                          Various Municipalities

Rehab and retrofit of two trail structures as necessary along the 17 mile Perkiomen Trail.

Perkiomen Trail Bridge #99 Rehabilitation - Located in Marlboro and Upper Frederick Townships, this existing former roadway bridge is to be converted for use as a trail structure. The county intends to rehabilitate, retrofit and reconstruct the bridge to accommodate the trail and restore it's historic appearance.

Green Lane Park (GLP) Nature Center Connector is an extension of the Perkiomen Trail north of Green Lane Borough. This one mile connection to the nature Center will provide a logical terminus of the trail with adequate trailhead parking and park related amenities. The long term goal for the trail is to continue even farther north through GLP and to connect to Berks County.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	TOLL-MAT			360		
CON	DEMO			499		
CON	CMAQ			1,440		
CON	LOCAL			125		
Fiscal Year Total		0	0	2,424	0	0
		<b>Total FY 03-06 Cost</b>			<b>2,424</b>	

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## Pennsylvania - Highway Program

### Montgomery

**MPMS# 16599**      **PA 320**  
 TIP# 8714      UPPER GULPH ROAD TO ARDEN ROAD  
 RESTORATION  
 AQ Code X      Lower Merion Twp., Upper Merion Twp.

Road restoration, including road stabilization along the creek. The character of the roadway will not be changed. The road width currently varies between 24' and 28' with curbing and guiderail. The width of the restored road will be evened out to 28' with curbing and guiderail.

		TIP Program Years (\$ 000)				Later FYs
Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
PE	S-MAINT	75				
FD	S-MAINT	300				
Fiscal Year Total		<b>375</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
		<b>Total FY 03-06 Cost</b>			<b>375</b>	

**MPMS# 16630**      **Upper Farm Rd. (Bridge)**  
 TIP# 8758      over Stony Creek  
 Bridge Replacement  
 AQ Code X      West Norriton Twp.

High arch bridge located in Norristown Farm Park.

		TIP Program Years (\$ 000)				Later FYs
Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
PE	DCNR		275			
FD	TBD					175
CON	TBD					1,000
Fiscal Year Total		<b>0</b>	<b>275</b>	<b>0</b>	<b>0</b>	<b>1,175</b>
		<b>Total FY 03-06 Cost</b>			<b>275</b>	

**MPMS# 16631**      **Lower Farm Rd. (Bridge)**  
 TIP# 8759      over Stony Creek  
 Bridge Replacement  
 AQ Code X      Norristown Boro.

Replace Hospital bridge, located in Norristown Farm Park.

		TIP Program Years (\$ 000)				Later FYs
Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
PE	B-STATE		220			
PE	DCNR		55			
FD	TBD					75
CON	TBD					1,000
Fiscal Year Total		<b>0</b>	<b>275</b>	<b>0</b>	<b>0</b>	<b>1,075</b>
		<b>Total FY 03-06 Cost</b>			<b>275</b>	

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## Pennsylvania - Highway Program

### Montgomery

**MPMS# 16665**      **US 202 SB (Section 500), Markley St.**  
 TIP# 8763              Main St. to Johnson Highway  
                                 Reconstruction, Signal Improvements  
 AQ Code X              Norristown Boro.

Widen Route 202 from 2 lanes to 3/4 lanes in this 1.6 mile section. Add a center turn lane where required and an additional through lane south of Harding Blvd.

In the DVRPC region, US 202 covers 61 miles, traversing 27 municipalities. 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.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
PE	HWY		440			
PE	H-STATE		110			
FD	HWY				1,600	
FD	H-STATE				400	
CON	TBD					10,000
Fiscal Year Total		0	550	0	2,000	10,000
		Total FY 03-06 Cost			2,550	

**MPMS# 16678**      **Fretz Rd. (Bridge)**  
 TIP# 8768              over Skippack Creek  
                                 Bridge Replacement  
 AQ Code X              Lower Salford Twp.

Replace bridge.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
CON	B-STATE				1,500	
Fiscal Year Total		0	0	0	1,500	0
		Total FY 03-06 Cost			1,500	

**MPMS# 16680**      **Byberry Road Bridge**  
 TIP# M23              over Southampton Creek  
                                 Bridge Replacement  
 AQ Code X              Upper Moreland Twp. & Bryn Athyn Boro.

Bridge Replacement.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
PE	B-STATE	100				
FD	B-STATE			150		
CON	TBD					500
Fiscal Year Total		100	0	150	0	500
		Total FY 03-06 Cost			250	

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## Pennsylvania - Highway Program

### Montgomery

**MPMS# 16681**      **Mill Road Bridge**  
 TIP# M21              over Branch of Meadow Brook Road  
                             Culvert Replacement  
 AQ Code X            Abington Township

Culvert Replacement.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
PE	B-STATE		260			
FD	B-STATE			150		
CON	TBD					400
Fiscal Year Total		0	260	150	0	400
		Total FY 03-06 Cost			410	

**MPMS# 16688**      **PA 23, River Road**  
 TIP# 8731            At Balligomingo Road  
                             Intersection Improvement  
 AQ Code X            West Conshohocken Boro.

This project involves relocating Balligomingo Rd. westerly, raising PA 23 to meet the relocated road, and installing a traffic signal and left turn lane on westbound PA 23. This improvement is a partnership project with Oliver, Tyrone, Pulver Inc. in the West Conshohocken Enterprise Zone.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	STU			1,760		
CON	H-STATE			440		
Fiscal Year Total		0	0	2,200	0	0
		Total FY 03-06 Cost			2,200	

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## Pennsylvania - Highway Program

### Montgomery

**MPMS# 16694**      **Schuylkill Trail**  
 TIP# 8703              Perkiomen Creek to PA 29  
                                 Construct Multi Purpose Trail  
 AQ Code X              Lower Providence Twp., Upper Providence Twp.

This project involves the construction of a 6.5 mile principal trail and two auxiliary trails, one 1.5 miles long and the other .6 mile long. Also included is the construction of two trailhead parking areas and the installation of bicycle racks or lockers at three locations.

The principal trail extends from the Betzwood Picnic Area at the Valley Forge Park in West Norriton Township to Route 29 at the village of Mont Clare in Upper Providence Township. Most of the principal trail (3.8 miles) will be a 10' wide paved surface, 1.7 miles will be a 10' wide crushed stone surface, while the remainder will share the right-of-way with a low volume road. A one acre trailhead parking area with at least 25 parking spaces, bicycle racks, park benches, and picnic tables will be constructed at Brower Avenue. A similar facility will be built near Longford Rd. Bicycle racks will be installed near where the trail ends at Route 29.

One auxiliary trail will intersect the principal trail and connect eastward to the Audubon Wildlife Sanctuary and westward to the Walnut Hill area of Valley Forge Park. This 1.5 mile route will be a 10' wide paved path parallel to, but separate from, Pawlings Rd. Bicycle racks or lockers will be installed at the Wildlife Sanctuary. The Walnut Hill area is proposed as the third site for a one acre trailhead parking facility. The second auxiliary trail will provide a link to the Lower Perkiomen Valley Park. It will also be a 10' wide paved path. Bicycle racks will be installed at the trail's juncture with the county park.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	CMAQ				480	
FD	LOCAL				120	
ROW	CMAQ					240
ROW	LOCAL					60
CON	HWY					2,400
CON	LOCAL					600
Fiscal Year Total		0	0	0	600	3,300
					<b>Total FY 03-06 Cost</b>	<b>600</b>

**MPMS# 16695**      **Church Road**  
 TIP#                      Washington Lane to Willow Grove Ave.  
                                 Restoration  
 AQ Code X

FY03 Betterment Project (5.010 million).

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	STU		4,008			
CON	TOLL-MAT		1,002			
Fiscal Year Total		0	5,010	0	0	0
					<b>Total FY 03-06 Cost</b>	<b>5,010</b>

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## Pennsylvania - Highway Program

### Montgomery

**MPMS# 16701**      **MAIN, MARKLEY, AND DEKALB STREETS (C031)**  
 TIP# 8699            FOREST-FORD, MAIN-JOHNSON, LAFAYETTE-  
                               JOHNSON SIGNAL COORDINATION & INTERCON.  
 AQ Code 2005M      Norristown Boro.

This project will coordinate and interconnect the traffic signals on Main, Markley, and Dekalb streets with various local streets in the Borough of Norristown.

		TIP Program Years (\$ 000)				Later FYs
Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	CMAQ				1,900	
Fiscal Year Total		0	0	0	1,900	0
<b>Total FY 03-06 Cost</b>					<b>1,900</b>	

**MPMS# 16702**      **US 30**  
 TIP#  
                               Closed Loop Signal System  
 AQ Code X            Lower Merion

		TIP Program Years (\$ 000)				Later FYs
Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	CMAQ	482				
Fiscal Year Total		482	0	0	0	0
<b>Total FY 03-06 Cost</b>					<b>482</b>	

**MPMS# 16703**      **Old Betzwood Bridge Bike/Ped Trail(C047)**  
 TIP# 8601B            PA 23 to PA 422/PA 363 Interchange  
                               Widen Replacement Bridge/Construct Trail  
 AQ Code X            Upper Merion Twp., West Norriton Twp.

This 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 with a 12' wide barrier separated path. 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.

		TIP Program Years (\$ 000)				Later FYs
Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
ROW	BRIDGE					16
ROW	H-STATE					4
CON	BRIDGE					640
CON	H-STATE					160
Fiscal Year Total		0	0	0	0	820
<b>Total FY 03-06 Cost</b>					<b>0</b>	

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## Pennsylvania - Highway Program

### Montgomery

**MPMS# 16705**      **Chester Valley Trail Extension (C036)**  
 TIP# 8701              S. Gulph Rd. Bdrge-Norristown Trans Ctr  
                                  Trail development and construction  
 AQ Code X              Upper Merion Twp., Bridgeport Boro., Norristown Boro.

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 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 to Bucks County.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
PE	CMAQ		262			
PE	LOCAL		65			
ROW	CMAQ			500		
ROW	LOCAL			125		
CON	TBD					3,900
Fiscal Year Total		0	327	625	0	3,900
			Total FY 03-06 Cost		952	

**MPMS# 16706**      **Cross County Trail, Phase I (C035)**  
 TIP# 8700              Plymouth Meeting to Bryn Athyn  
                                  Multi-Purpose Trail Development  
 AQ Code X              Plymouth, Whitemarsh, Upper Dublin, Upper Moreland

This project involves the acquisition and development for a nine mile paved commuter and multipurpose recreational trail from the Schuylkill Trail in Conshohocken to the Ft. Washington Office Center. The trail will be linked to the Ft. Washington train station and to other potential bicycle commuter destinations, particularly to businesses at office and industrial parks along the route. This project is part of a larger effort to provide a cross-county trail from Chester County to Bucks County.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
FD	CMAQ		320			
FD	LOCAL		80			
ROW	CMAQ			500		
ROW	LOCAL			125		
CON	TBD					3,000
Fiscal Year Total		0	400	625	0	3,000
			Total FY 03-06 Cost		1,025	

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## Pennsylvania - Highway Program

### Montgomery

MPMS# 16712 *South Gulph Rd. Park N Ride Lot*

TIP#

AQ Code X

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	CMAQ		14			
CON	LOCAL		14			
Fiscal Year Total		0	28	0	0	0
<b>Total FY 03-06 Cost</b>					<b>28</b>	

MPMS# 16731 *US 202 (Section 701), PA 63 to 309/ 463*

TIP# 8729 PA 63 to PA 309/463

Preconstruct., 4 Lane Divided Relocation

AQ Code 2015M Montgomery Twp., Upper Gwynedd Twp., Lower Gwynedd Twp

The US-202 Expressway will be a four lane divided highway with interchanges at PA 63, PA 309, County Line Rd., Bristol Rd., and PA 611. The limits of Section 700 are from PA 63, Welsh Road to the Doylestown Bypass (US 202/PA 611 Bypass).

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.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
UTI	SPIKE	400				
UTI	H-STATE	100				
FD	HWY	400				
FD	SPIKE	2,692				
FD	H-STATE	773				
UTI	HWY		3,308			
UTI	H-STATE		827			
ROW	SPIKE					4,800
ROW	SPIKE					3,308
ROW	H-STATE					1,200
ROW	H-STATE					827
Fiscal Year Total		4,365	4,135	0	0	10,135
<b>Total FY 03-06 Cost</b>					<b>8,500</b>	



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## Pennsylvania - Highway Program

### Montgomery

MPMS# 16732      *US 202 (Sec. 405)*  
 TIP# 8382C      From I-76 to Conrail Bridge  
                          Widening and Access Improvements  
 AQ Code 2005M      Upper Merion Twp., Tredyffrin Twp.

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.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	Later FYs
CON	HWY	720				
CON	H-STATE	180				
Fiscal Year Total		900	0	0	0	0
		Total FY 03-06 Cost			900	

# DVRPC FY 2003-2006 TIP for PA

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## Pennsylvania - Highway Program

### Montgomery

MPMS# 16733 US 202 (SEC. 404)/ US 422 INTERCHANGE

TIP# 8382E

AQ Code 2005M Upper Merion Twp., Tredyffrin Twp.

US 202 stretches from Wilmington, Delaware to Bangor, Maine. In the DVRPC region, US 202 covers 61 miles, traversing 27 municipalities. 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 eight sections. The limits of Section 400 are from PA 252 to I-76. Traffic volumes in this section of US 202 exceed 80,000 AADT.

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.

Accrued Unbilled Costs.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
ROW	HWY	199				
Fiscal Year Total		199	0	0	0	0
		Total FY 03-06 Cost			199	

MPMS# 16737 I-476

TIP# 8766 Chemical Rd. to I-76, Schuylkill Exp.

Reconstruction

AQ Code X Plymouth Twp., West Conshohocken Boro.

Rehabilitation and sink hole repair.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
PE	HWY		1,953			
PE	H-STATE		217			
FD	HWY		1,800			
FD	H-STATE		200			
FD	HWY			1,800		
FD	H-STATE			200		
ROW	HWY			900		
ROW	H-STATE			100		
CON	TBD					50,000
Fiscal Year Total		0	4,170	3,000	0	50,000
		Total FY 03-06 Cost			7,170	

# DVRPC FY 2003-2006 TIP for PA

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## Pennsylvania - Highway Program

### Montgomery

**MPMS# 16741**      **Swamp Road**  
 TIP# 8737            At PA 663  
                          Intersection Improvements  
 AQ Code X            New Hanover Twp.

This project involves widening PA 663 to accommodate exclusive left turn lanes on both approaches to Swamp Pike.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
CON	H-STATE					950
Fiscal Year Total		0	0	0	0	950
		Total FY 03-06 Cost			0	

**MPMS# 16742**      **PA 63, Forty Foot Rd.**  
 TIP# 8764            Sumneytown Pike to Detwiler Rd.  
                          Widening, Intersection Improvement  
 AQ Code 2005M      Towamencin Twp.

Widen Forty Foot Rd. to four lanes and widen the Sumneytown Pike intersection. Construct a pedestrian bridge.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
UTIL	DEMO	688				
UTIL	H-STATE	86				
UTIL	LOCAL	86				
ROW	DEMO	2,328				
ROW	H-STATE	291				
ROW	LOCAL	291				
CON	DEMO		956			
CON	STU		7,850			
CON	H-STATE		2,201			
Fiscal Year Total		3,770	11,007	0	0	0
		Total FY 03-06 Cost			14,777	

# DVRPC FY 2003-2006 TIP for PA

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## Pennsylvania - Highway Program

### Montgomery

**MPMS# 16743**      **Chester Valley Trail, Phase I (Sec 1/3)**  
 TIP# M26              East of Warner R to Old Eagle School Rd  
                             Construct pedestrian/bike trail  
 AQ Code X            Upper Merion, Tredyffrin

The Chester Valley Trail will link Valley Forge National Historic Park, the Schuylkill River Trail, and the county-owned Struble Trail. The 15 mile long multimodal trail will primarily follow the abandoned Chester Valley Railroad. It will be a paved surface ten to twelve feet wide.

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 #14675, 14663, and 16705.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	CMAQ				560	
CON	LOCAL				140	
Fiscal Year Total		0	0	0	700	0
<b>Total FY 03-06 Cost</b>					<b>700</b>	

**MPMS# 16745**      **PA 100**  
 TIP#                  Farmington Rd. to Berks county  
                             Resoration  
 AQ Code X

FY03 Betterment Project (\$6.930 million NHS).

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	TOLL-MAT	1,732				
CON	HWY	6,930				
Fiscal Year Total		8,662	0	0	0	0
<b>Total FY 03-06 Cost</b>					<b>8,662</b>	

# DVRPC FY 2003-2006 TIP for PA

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## Pennsylvania - Highway Program

### Montgomery

**MPMS# 16755**      **US 202, Section 650, Morris Rd - PA 309**  
 TIP# 8760            Morris Rd. to PA 309  
                           Reconstruction and Widening  
 AQ Code 2015M      Montgomery, Upper & Lower Gwynedd, Whitpain Twps.

Preconstruction phases for the reconstruction and widening of the existing roadway to four lanes with turn lanes at intersections. This section was designed under section 610.

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
		FY 2003	FY 2004	FY 2005	FY 2006	
FD	HWY		687			
FD	DEMO		113			
FD	H-STATE		28			
FD	H-STATE		172			
Fiscal Year Total		0	1,000	0	0	0
		Total FY 03-06 Cost			1,000	

**MPMS# 16756**      **Abbey Trails**  
 TIP# 8783  
                           Construct Pedestrian/Bike Trail  
 AQ Code X            Abington Twp.

Create trail system linking Township and County parks.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
CON	DEMO		462			
CON	LOCAL		115			
Fiscal Year Total		0	577	0	0	0
		Total FY 03-06 Cost			577	

# DVRPC FY 2003-2006 TIP for PA

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## Pennsylvania - Highway Program

### Montgomery

**MPMS# 46951** *Towamencin Multi-Modal Trans. Center*  
 TIP# 8781A PA-63/I-476 Lansdale Interchange  
 Design and Construct Facility  
 AQ Code 20150 Towamencin Twp.

The Transportation Center will include the construction of a parking garage (about 2500 spaces,) an 11-bay bus terminal, bike lockers/storage area, and an ITS Center.

A transit TEA-21 earmark will cover the federal portion of the Transportation Center project. In addition, a federal ITS earmark (Federal FY00 transportation appropriation) will partially cover the cost of the ITS Center component of the project. A new road (Towamencin Avenue) in the village area to be built in 2001 will be used as local match for this project.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	DEMO	500				
FD	LOCAL	125				
CON	DEMO			2,972		
CON	LOCAL			6,278		
Fiscal Year Total		625	0	9,250	0	0
		Total FY 03-06 Cost			9,875	

**MPMS# 46952** *Fort Washington Transportation Imp.*  
 TIP# 8779 Bethlehem Pike and Pennsylvania Ave.  
 Streetscape Improvements  
 AQ Code X Upper Dublin Twp., Whitmarsh Twp.

Upgrade the appearance of the Ft. Washington area and enhance the transit and pedestrian movements through lighting and streetscape improvements

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	DEMO		462			
CON	LOCAL		115			
Fiscal Year Total		0	577	0	0	0
		Total FY 03-06 Cost			577	

**MPMS# 46953** *Butler Pike/SEPTA Safety Improvements*  
 TIP# 8784 Vicinity of Ambler Train Station  
 Pedestrian Improvement  
 AQ Code X Ambler Boro.

Improve pedestrian crossing from outbound trains on the south side of Butler Pike to parking lot on the north side of Butler Pike.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	DEMO		63			
CON	LOCAL		16			
Fiscal Year Total		0	79	0	0	0
		Total FY 03-06 Cost			79	

# DVRPC FY 2003-2006 TIP for PA

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## Pennsylvania - Highway Program

### Montgomery

MPMS# 46954 US 422 River Crossing Complex Env Study

TIP# 8785

Project Dev./Environmental Clearance

AQ Code X

Upper Merion Twp.

The purpose of this project is to advance the project development and environmental clearance work on a complex area of roadways, interchanges, intersections, and bridges in and around the Valley Forge National Historic Park as a whole rather than under separate projects. This project would provide for the environmental clearance work on the following four (4) components:

- a) Modernization of the PA-23/US-422 interchange and relocation of North Gulph Road (the design of this interchange was part of MPMS #48172: PA-23 relocation US-202 to US-422. The relocation of North Gulph Road provides the opportunity for a new "gateway" for the Valley Forge National Historic Park.
- b) Modernization of the PA-363/US-422 interchange including providing movements to/from the west (this component was part of MPMS #64796 US-422/PA-363 Interchange);
- c) Rehabilitation and widening of US 422 Expressway Schuylkill River bridge
- d) Widening of US-422 for 1.8 miles from PA-363 interchange to the US-202 interchange.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	Later FYs
PRD	DEMO	3,079				
PRD	LOCAL	770				
Fiscal Year Total		3,849	0	0	0	0
		Total FY 03-06 Cost			3,849	

MPMS# 48172 PA-23

TIP# 8743

US 422 to US 202

Relocation

AQ Code 2015M

Upper Merion Twp.

Construct a four lane controlled access (at specific intersections) highway approximately 3.5 miles in length. The preliminary engineering phase will include traffic studies and related data collection for this project and related projects in the area.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	Later FYs
DES	HWY					1,600
DES	H-STATE					400
ROW	HWY					4,000
ROW	H-STATE					1,000
CON	HWY					40,000
CON	H-STATE					10,000
Fiscal Year Total		0	0	0	0	57,000
		Total FY 03-06 Cost			0	

# DVRPC FY 2003-2006 TIP for PA

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## Pennsylvania - Highway Program

### Montgomery

**MPMS# 48173**      **Traffic Signal Improvement Project**

TIP# 8744      Phase 3

Signal Improvement

AQ Code X      Various Municipalities

Upgrade and modernize inadequate, outdated traffic signals throughout the County.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	HWY				1,500	
CON	LOCAL				1,500	
Fiscal Year Total		0	0	0	3,000	0
<b>Total FY 03-06 Cost</b>					<b>3,000</b>	

**MPMS# 48174**      **PA-63, Welsh Rd.**

TIP# 8750      at PA 152, Limekiln Pk. & Norristown Rd.

Intersection Improvements

AQ Code X      Horsham Twp., Upper Dublin Twp.

Provide turn lanes on all approaches of this extremely congested triangle with 3 signalized intersections 800 feet apart; interconnect signals; and widen connecting legs as developed in Welsh Rd. widening project.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	STU		400			
FD	H-STATE		100			
UTL	STU		40			
UTL	H-STATE		10			
CON	TBD					1,000
Fiscal Year Total		0	550	0	0	1,000
<b>Total FY 03-06 Cost</b>					<b>550</b>	



# DVRPC FY 2003-2006 TIP for PA

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## Pennsylvania - Highway Program

### Montgomery

MPMS# 48175 Ridge Pike, Norristown Boro. to Butler  
TIP# 8751

Reconstruction  
AQ Code 2015M Plymouth Twp.

Reconstruction of this high volume four lane arterial with the addition of a center turn lane.  
Replace two bridges over Norfolk Southern rail line.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
PE	HWY		1,389			
PE	LOCAL		347			
DES	HWY					720
DES	LOCAL					180
ROW	HWY					240
ROW	LOCAL					60
CON	BRIDGE					4,800
CON	HWY					3,000
CON	LOCAL					1,300
Fiscal Year Total		0	1,736	0	0	10,300
		Total FY 03-06 Cost			1,736	

MPMS# 48179 Towamencin Signal System Interconnection  
TIP# 8772

Closed Loop Signal System  
AQ Code 2005M Towamencin Twp.

Installation of a closed loop signal system at 25 intersections on PA 63, PA 463, PA 363, Sumneytown Pike, and Allentown Rd.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
UTL	CMAQ	400				
CON	CMAQ		1,132			
Fiscal Year Total		400	1,132	0	0	0
		Total FY 03-06 Cost			1,532	

MPMS# 48180 Montgomery Ave./Conshohocken State Rd.  
TIP# 8773

US 1(City Ave.) to Matsonford Rd.  
Closed Loop Signal System  
AQ Code 2005M Lower Merion Twp.

Install closed loop signal system at 20 intersections.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	LOCAL		70			
UTL	LOCAL		50			
CON	TBD					1,200
Fiscal Year Total		0	120	0	0	1,200
		Total FY 03-06 Cost			120	

# DVRPC FY 2003-2006 TIP for PA

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## Pennsylvania - Highway Program

### Montgomery

**MPMS# 48181**      *Fitzwatertown Rd.*  
 TIP# 8774              at PA 63, Moreland Rd.  
                                  Intersection Improvement  
 AQ Code X              Abington Twp., Upper Moreland Twp.

Widen for southbound right turn lane at PA 63, Moreland Rd.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	HWY		80			
FD	H-STATE		20			
ROW	HWY		40			
ROW	H-STATE		10			
CON	HWY				352	
CON	H-STATE				88	
Fiscal Year Total		0	150	0	440	0
		Total FY 03-06 Cost			590	

**MPMS# 48182**      *PA 611, Old York Rd. (Signals)*  
 TIP# 8775

                                 Corridor Optimization  
 AQ Code 2005M      Cheltenham Twp.

Corridor optimization of 10 signals and actuation of 2 side streets.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	CMAQ		814			
Fiscal Year Total		0	814	0	0	0
		Total FY 03-06 Cost			814	

**MPMS# 48185**      *I-76, Schuylkill Expressway (ITS)*  
 TIP# 8795              Belmont Ave. to Conshohocken Curve  
                                  Intelligent Transportation System  
 AQ Code 20150      Lower Merion Twp.

2 variable message signs, 7 closed circuit televisions, 8 detectors.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
UTL	CMAQ	40				
UTL	H-STATE	10				
FD	CMAQ		432			
FD	H-STATE		108			
CON	HWY					5,000
Fiscal Year Total		50	540	0	0	5,000
		Total FY 03-06 Cost			590	

# DVRPC FY 2003-2006 TIP for PA

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## Pennsylvania - Highway Program

### Montgomery

**MPMS# 48186**      **Pottstown Area Signal System Upgrade**  
 TIP# 8746              Montgomery and Chester Counties  
 AQ Code 2015M      Pottstown Boro., N. Coventry Twp.

Modernize equipment at 45 locations; interconnect 45 controllers and 3 master controllers; install 8 count locations; and rewire 38 signals.

		TIP Program Years (\$ 000)				Later FYs
Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
ROW	CMAQ				20	
CON	CMAQ					2,000
Fiscal Year Total		0	0	0	20	2,000
		Total FY 03-06 Cost			20	

**MPMS# 48187**      **Henderson Rd.**  
 TIP# 8747              Shoemaker Rd. to PA Turnpike  
                                  Widening  
 AQ Code 2015M      Upper Merion Twp.

Widen extremely congested two lane roadway to four lanes with intersection improvements.

		TIP Program Years (\$ 000)				Later FYs
Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
ROW	HWY					400
ROW	LOCAL					100
CON	HWY					5,600
CON	LOCAL					1,400
Fiscal Year Total		0	0	0	0	7,500
		Total FY 03-06 Cost			0	

**MPMS# 48418**      **Allentown Rd.**  
 TIP# 8742              at Troxel Rd. and Orvilla Rd.  
                                  Intersection Improvement  
 AQ Code X              Towamencin Twp.

Correct off-set intersection by aligning Troxel Rd. with Orvilla Rd. and providing left turn lanes on Allentown Rd.

		TIP Program Years (\$ 000)				Later FYs
Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	STU			640		
CON	LOCAL			160		
Fiscal Year Total		0	0	800	0	0
		Total FY 03-06 Cost			800	

# DVRPC FY 2003-2006 TIP for PA

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## Pennsylvania - Highway Program

### Montgomery

**MPMS# 49317**      **Bustard Road (Bridge)**  
 TIP# 8793            over Towamencin Creek  
                          Bridge Replacement  
 AQ Code X            Towamencin Twp.

The existing bridge has two eleven foot travel lanes and no shoulders or sidewalks. The new bridge will have two twelve foot travel lanes, two three-foot sidewalks, and two five-foot bike lanes. The sight distance at the Bustard Rd./Kriebel Rd. intersection will also be improved.

		TIP Program Years (\$ 000)				Later FYs
Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
ROW	LOCAL	300				
CON	TBD					3,500
Fiscal Year Total		<b>300</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,500</b>
		<b>Total FY 03-06 Cost</b>			<b>300</b>	

**MPMS# 50364**      **US 202, Dekalb Pike, Section 610**  
 TIP# 8537            Johnson Highway to Morris Road  
                          Preconstruction, widening  
 AQ Code 2015M      Whitpain Twp., E. Norriton Twp., Norristown Boro.

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.

		TIP Program Years (\$ 000)				Later FYs
Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	HWY		1,600			
FD	H-STATE		400			
Fiscal Year Total		<b>0</b>	<b>2,000</b>	<b>0</b>	<b>0</b>	<b>0</b>
		<b>Total FY 03-06 Cost</b>			<b>2,000</b>	

**MPMS# 50521**      **Schuylkill Navigation Lock 60**  
 TIP# 8796            Restoration  
 AQ Code X            Upper Providence Twp.

Restoration of the 1846 canal lock into an operational state. Project includes removal of fill at one end, replacing it with a historically accurate truss bridge, working mitre gates at both ends, and reproduction of the original toll house. The Locktender's House will also be restored as a community and visitor's center.

		TIP Program Years (\$ 000)				Later FYs
Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	H-TE	667				
Fiscal Year Total		<b>667</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
		<b>Total FY 03-06 Cost</b>			<b>667</b>	

# DVRPC FY 2003-2006 TIP for PA

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## Pennsylvania - Highway Program

### Montgomery

**MPMS# 50646**      **PA 63 Betterment**  
 TIP#                      PA 113 to PA 29  
                                  Reconstruction/Restoration/Resurfacing

AQ Code X

FY03 Betterment Project (\$1.3 million NHS).

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
PE	TOLL-MAT		190			
PE	HWY		760			
FD	TBD					1,355
Fiscal Year Total		0	950	0	0	1,355
		Total FY 03-06 Cost			950	

**MPMS# 50671**      **Kutztown Road Bridge Replacement**

TIP#                      Over Molasses Creek  
                                  Culvert Replacement  
 AQ Code X              Upper Hanover Township

Replace this bridge with a two lane structure.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	B-STATE		275			
Fiscal Year Total		0	275	0	0	0
		Total FY 03-06 Cost			275	

**MPMS# 51359**      **PA 422 Resurfacing, PA 29-Township Line**

TIP#                      PA 29 to Township Line Road  
                                  Preventative Maintenance Improvements  
 AQ Code X              Upper Providence and Limerick Townships

Design work to resurface this 4 mile stretch of roadway to preserve and seal joints, and upgrade some guiderail and shoulders. Construction is estimated at \$4 million.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	H-STATE		610			
Fiscal Year Total		0	610	0	0	0
		Total FY 03-06 Cost			610	

# DVRPC FY 2003-2006 TIP for PA

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## Pennsylvania - Highway Program

### Montgomery

**MPMS# 57328**      ***Hatfield Township Bicycle Improvements***

TIP# 8799      PA 463, Forty Foot Rd.  
 Bicycle Mobility Improvements  
 AQ Code X      Hatfield Twp.

Design and construction of road improvements for bicycle facilities on PA 463, Forty Foot Rd.

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

**Later FYs**

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	CMAQ	108				
CON	LOCAL	27				
Fiscal Year Total		<b>135</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total FY 03-06 Cost</b>					<b>135</b>	

**MPMS# 57330**      ***Lower Salford Twshp Bicycle Improvements***

TIP# 8801      Lower Salford  
 Bicycle Mobility Improvements  
 AQ Code X      Lower Salford Twp.

Design and construction of road improvements for bicycle facilities on PA 63, Sumneytown Pike, Freeman School Rd., and Salfordville Rd.

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

**Later FYs**

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	CMAQ		280			
CON	LOCAL		70			
Fiscal Year Total		<b>0</b>	<b>350</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total FY 03-06 Cost</b>					<b>350</b>	

**MPMS# 57331**      ***Towamencin Township Bicycle Improvements***

TIP# 8802      Towamencin  
 Bicycle Mobility Improvements  
 AQ Code X      Towamencin Twp.

Design and construction of road improvements for bicycle facilities on PA 63, Sumneytown Pike, Allentown Rd., Bustard Rd., Snyder Rd., Weikel Rd., Keeler Rd., Troxel Rd., Forty Foot Rd., and Morris Rd.

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

**Later FYs**

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	CMAQ			2,400		
CON	LOCAL			600		
Fiscal Year Total		<b>0</b>	<b>0</b>	<b>3,000</b>	<b>0</b>	<b>0</b>
<b>Total FY 03-06 Cost</b>					<b>3,000</b>	

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## Pennsylvania - Highway Program

### Montgomery

**MPMS# 57789**      **PA 309 ( Design Review Manager)**

TIP# 8831              Greenwood Ave. to Welsh Rd.

Design Review

AQ Code X              Various

Utilize consultant services for design management of the PA 309 reconstruction project.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	HWY			800		
FD	H-STATE			200		
Fiscal Year Total		0	0	1,000	0	0
				<b>Total FY 03-06 Cost</b>	<b>1,000</b>	

**MPMS# 57849**      **PA 29, Main St. (Bridge)**

TIP# 8815              over abandoned Reading Railroad Tracks

Bridge Removal

AQ Code X              Pennsburg Boro., Red Hill Boro.

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.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	B-STATE	150				
CON	B-STATE		600			
Fiscal Year Total		150	600	0	0	0
				<b>Total FY 03-06 Cost</b>	<b>750</b>	

**MPMS# 57851**      **Plank/Otts/Meyers/Seitz Rds.**

TIP# 8817              PA 73 to Township Line Rd.

Corridor and Intersection Improvements

AQ Code X              Skippack Twp., Perkiomen Twp.

Corridor/intersection improvements; realign off-set intersection, upgrade to good 2-lane road with shoulders (one mile).

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
PE	H-STATE	530				
FD	TBD					150
CON	TBD					2,600
Fiscal Year Total		530	0	0	0	2,750
				<b>Total FY 03-06 Cost</b>	<b>530</b>	

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## Pennsylvania - Highway Program

### Montgomery

**MPMS# 57853**      **PA 73, Skippack Pike**  
 TIP# 8818              US 202 (Dekalb Pike) to Butler Pike  
                                  Corridor/Intersection Improvements  
 AQ Code 2015M      Whitpain Twp.

Corridor/intersection improvements; install turn lanes and provide shoulder bike lanes (3 miles).  
 Act 209 Impact Fee partnership project.

		TIP Program Years (\$ 000)				Later FYs
Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	LOCAL		400			
CON	TBD					4,000
Fiscal Year Total		0	400	0	0	4,000
		Total FY 03-06 Cost			400	

**MPMS# 57858**      **Lafayette St.**  
 TIP# 8819              Dannehower Bridge to PA Turnpike  
                                  Road Extension, US-202 Connection Study  
 AQ Code X              Norristown Boro., Plymouth Twp.

Preparation of an Environmental Impact Statement for the Lafayette Street Extension, approximately 2 miles of roadway. This project will involve constructing an interchange at the Dannehower Bridge/Lafayette Street intersection; extending Lafayette Street past its 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 is proposed to be realigned as a multipurpose trail for public access and recreational use.

		TIP Program Years (\$ 000)				Later FYs
Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
ERC	DEMO					7,578
ERC	TBD					1,895
Fiscal Year Total		0	0	0	0	9,473
		Total FY 03-06 Cost			0	

**MPMS# 57860**      **Upper Perkiomen Industrial Access Proj.**  
 TIP# 8821              Facilitate Goods Movement  
 AQ Code X              Upper Hanover Twp., East Greenville, Pennsburg Boros.

Analyze options for improved truck access.

		TIP Program Years (\$ 000)				Later FYs
Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
PE	HWY		640			
PE	LOCAL		160			
FD	TBD					800
CON	TBD					3,000
Fiscal Year Total		0	800	0	0	3,800
		Total FY 03-06 Cost			800	



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## Pennsylvania - Highway Program

### Montgomery

**MPMS# 57861**      **Pleasant View Rd.**  
 TIP# 8822              Buchert Rd. to Sanatoga Rd.  
                                  Realignment  
 AQ Code X              Lower Pottsgrove Twp.

Realign road and widen to soften "S" curve; add curbs, sidewalks, drainage and left turn lanes (.03 mile)  
 Safety problem of sharp curve and poor drainage is aggravated by increasing use of Pleasant View Road as an access route to the US-422 Expressway.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	LOCAL		150			
ROW	LOCAL		30			
CON	TBD					1,200
Fiscal Year Total		0	180	0	0	1,200
		<b>Total FY 03-06 Cost</b>			<b>180</b>	

**MPMS# 57862**      **Keystone Blvd.**  
 TIP# 8823              College Dr. to Old Reading Pike  
                                  New Roadway  
 AQ Code 2015M      Pottstown Boro., West Pottsgrove Twp.

Construct new road through Keystone Opportunity Zone (1.6 miles). This is a 52-acre parcel adjacent to the Schuylkill River which lacks adequate road access.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
PE	LOCAL	150				
FD	STU					400
FD	LOCAL					100
CON	TBD					2,100
Fiscal Year Total		150	0	0	0	2,600
		<b>Total FY 03-06 Cost</b>			<b>150</b>	

**MPMS# 57864**      **Cowpath Rd./Godshall Rd./Broad St.**  
 TIP# 8824              Intersection Realignment  
 AQ Code X              Franconia Twp.

Realign intersection. Safety hazard of two angled intersections located very close to each other.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	LOCAL		300			
ROW	HWY			240		
ROW	LOCAL			60		
CON	TBD					1,650
Fiscal Year Total		0	300	300	0	1,650
		<b>Total FY 03-06 Cost</b>			<b>600</b>	

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## Pennsylvania - Highway Program

### Montgomery

**MPMS# 57865**      **Edge Hill Rd.**  
 TIP# 8825            Easton Rd. to Jenkintown Rd.  
                           Reconstruction  
 AQ Code X            Abington Twp.

Reconstruct; add curbs and drainage along .9 mile of Edge Hill Rd.

		TIP Program Years (\$ 000)				Later FYs
Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
PE	HWY	636				
PE	LOCAL	159				
FD	HWY			1,063		
FD	LOCAL			266		
ROW	HWY					240
ROW	LOCAL					60
CON	TBD					2,000
Fiscal Year Total		<b>795</b>	<b>0</b>	<b>1,329</b>	<b>0</b>	<b>2,300</b>
		<b>Total FY 03-06 Cost</b>			<b>2,124</b>	

**MPMS# 57866**      **Norristown Rd.**  
 TIP# 8826            at Stenton Ave./Narcissa Rd. (6 points)  
                           Realignment  
 AQ Code X            Whitpain Twp.

Realign and separate approaches to intersection. Act 209 Impact Fee partnership project.

		TIP Program Years (\$ 000)				Later FYs
Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
ROW	LOCAL		200			
CON	TBD					1,000
Fiscal Year Total		<b>0</b>	<b>200</b>	<b>0</b>	<b>0</b>	<b>1,000</b>
		<b>Total FY 03-06 Cost</b>			<b>200</b>	

**MPMS# 57867**      **Township Line Rd.**  
 TIP# 8827            at Ridge Pike  
                           Intersection Improvement  
 AQ Code X            Limerick Twp., Upper Providence Twp.

Add turn lanes, upgrade signals.

		TIP Program Years (\$ 000)				Later FYs
Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	LOCAL			100		
ROW	H-STATE				200	
CON	TBD					1,000
Fiscal Year Total		<b>0</b>	<b>0</b>	<b>100</b>	<b>200</b>	<b>1,000</b>
		<b>Total FY 03-06 Cost</b>			<b>300</b>	

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## Pennsylvania - Highway Program

### Montgomery

**MPMS# 57870**      **PA 611, Easton Rd.**  
 TIP# 8829            I-276, PA Turnpike to Blair Mill Rd.  
                           Widening  
 AQ Code 2005M      Upper Moreland Twp., Horsham Twp.

Widen Easton Road between PA Turnpike (I-276) and Blair Mill Rd.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006
CON	HWY		2,441		
CON	HWY		19		
CON	TOLL-MAT		5		
CON	LOCAL		507		
CON	TOLL-MAT			146	
CON	HWY			582	

Fiscal Year Total	0	2,972	728	0	0
		<b>Total FY 03-06 Cost</b>		<b>3,700</b>	

**MPMS# 57871**      **Sanatoga Rd. (Bridge)**  
 TIP# 8830            over Branch of Swamp Creek  
                           Bridge Replacement  
 AQ Code X            New Hanover Twp.

Replace bridge.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006
FD	B-STATE		150		
ROW	B-STATE		50		
CON	TBD				700

Fiscal Year Total	0	200	0	0	700
		<b>Total FY 03-06 Cost</b>		<b>200</b>	

**MPMS# 58662**      **Township Wide Traffic Signal Closed Loop**  
 TIP# 8814            Upper Merion Twp.  
                           System Upgrade and Expansion (Q63)  
 AQ Code 20150      Upper Merion Twp., Bridgeport Boro.

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.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006
CON	CMAQ			2,200	

Fiscal Year Total	0	0	2,200	0	0
		<b>Total FY 03-06 Cost</b>		<b>2,200</b>	

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## Pennsylvania - Highway Program

### Montgomery

**MPMS# 60708**      **PA 611 Closed Loop Signal System (Q57)**

TIP# 8810              Abington Township  
                                  Twp. Line Rd. (PA 73) to Moreland Rd.

AQ Code 20150      Abington Twp.

Installation of a traffic responsive, closed loop signal system connecting thirteen signalized intersections along PA 611. Part of a four-municipality effort to connect a total of forty intersections with fiber optic communications on the PA 611 corridor, sharing data, software, and maintenance.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	LOCAL	30				
ROW	CMAQ		10			
CON	CMAQ		1,211			
Fiscal Year Total		<b>30</b>	<b>1,221</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total FY 03-06 Cost</b>					<b>1,251</b>	

**MPMS# 60722**      **PA 611 Closed Loop Signal System (Q58)**

TIP# 8811              Horsham Township  
                                  Blair Mill Rd. to Maple Ave.

AQ Code 20150      Horsham Twp.

Installation of a traffic responsive, closed loop signal system connecting five signalized intersections along PA 611. Part of a four-municipality effort to connect a total of forty intersections with fiber optic communications on the PA 611 corridor, sharing data, software, and maintenance.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	LOCAL	10				
ROW	CMAQ		15			
CON	CMAQ		411			
Fiscal Year Total		<b>10</b>	<b>426</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total FY 03-06 Cost</b>					<b>436</b>	

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## Pennsylvania - Highway Program

### Montgomery

**MPMS# 61053**      **PA 611 Closed Loop Signal System (Q60)**

TIP# 8813              Upper Moreland Township  
 Moreland Rd. to Blair Mill Rd.

AQ Code 20150      Upper Moreland Twp.

Installation of a traffic responsive, closed loop signal system connecting thirteen signalized intersections along PA 611 and five signalized intersections on PA 263. Part of a four-municipality effort to connect a total of forty intersections with fiber optic communications on PA 611, sharing data, software, and maintenance.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	LOCAL	45				
UTL	CMAQ		25			
ROW	CMAQ		25			
CON	CMAQ		1,678			
CON	LOCAL		19			
Fiscal Year Total		<b>45</b>	<b>1,747</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total FY 03-06 Cost</b>					<b>1,792</b>	

**MPMS# 61705**      **Tookany Creek Trail**

TIP# 8806              Transportation Enhancement  
 Cheltenham Twp.

AQ Code X

Construction of improvements to 2.2 mile multi-use trail parallel to Tookany Creek Parkway.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	H-TE		166			
CON	TOLL-MAT		41			
Fiscal Year Total		<b>0</b>	<b>207</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total FY 03-06 Cost</b>					<b>207</b>	

**MPMS# 61706**      **Ambler Gateway Enhancement Project**

TIP# 8805              Ambler Borough  
 Streetscape Improvements

AQ Code X              Ambler Boro.

Creation of gateways along Butler Ave. through installation of improvements to the streetscape including monument signage, new sidewalks, historic pedestrian scale lighting, benches, and receptacles.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	TOLL-MAT		42			
CON	H-TE		166			
Fiscal Year Total		<b>0</b>	<b>208</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total FY 03-06 Cost</b>					<b>208</b>	

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## Pennsylvania - Highway Program

### Montgomery

**MPMS# 61707**      **Main St. Streetscape Improvements**

TIP# 8807      Phase I Norristown Boro.  
Streetscape Improvements  
AQ Code X      Norristown Boro.

Construction of streetscape improvements in central business district.

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

**Later FYs**

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	H-TE		440			
CON	TOLL-MAT		110			
Fiscal Year Total		0	550	0	0	0
		Total FY 03-06 Cost			550	

**MPMS# 61709**      **Pedestrian/Bicycle Promenade**

TIP# 8808      Pottstown Boro.  
Pedestrian Improvements  
AQ Code X      Pottstown Boro.

Land acquisition for, and construction of, pedestrian promenade connecting Pottstown business district, waterfront, and Montgomery County Community College.

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

**Later FYs**

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	H-TE		402			
CON	LOCAL		100			
Fiscal Year Total		0	502	0	0	0
		Total FY 03-06 Cost			502	

**MPMS# 62127**      **SEPTA-Doylestown Line LED**

TIP# M27      US202 & PA611to Limekiln Pike  
Safety Improvements -RR Warning Devices  
AQ Code X      Doylestown Boro

Install RR Warning Devices

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

**Later FYs**

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	SAFETY	180				
Fiscal Year Total		180	0	0	0	0
		Total FY 03-06 Cost			180	

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## Pennsylvania - Highway Program

### Montgomery

**MPMS# 62300**      **Susquehanna Rd. Bikeway Improvements**

TIP# 8835      Huntingdon Rd. to Tennis Ave.

Bicycle Mobility Improvements

AQ Code X      Abington Twp., Upper Dublin Twp.

This project is intended to improve the service quality for bicycling on Susquehanna Road. As determined in preliminary engineering, actions may include: 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.

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

**Later FYs**

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	CMAQ		360			
CON	TOLL-MAT		90			
Fiscal Year Total		0	450	0	0	0
<b>Total FY 03-06 Cost</b>					<b>450</b>	

**MPMS# 63486**      **US202: Johnson Hwy.- Township Line (61S)**

TIP# M29      Johnson Highway to Township Line Road

Widening and Intersection Improvements

AQ Code 2015M      East Norriton and Whitpain Townships

Widen US 202 for approximately 1.8 miles from two lanes to five lanes including a center turn lane in this southbound 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.

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.

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

**Later FYs**

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
UTL	HWY	320				
UTL	H-STATE	80				
ROW	HWY		800			
ROW	H-STATE		200			
ROW	HWY			4,480		
ROW	H-STATE			1,120		
ROW	HWY				7,520	
ROW	H-STATE				1,880	
CON	TBD					18,000
Fiscal Year Total		400	1,000	5,600	9,400	18,000
<b>Total FY 03-06 Cost</b>					<b>16,400</b>	

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## Pennsylvania - Highway Program

### Montgomery

MPMS# 63490      **US202: Township Ln.- Morris Rd.(Sec 61N)**  
 TIP# M30              Township Line Rd. to Morris Road  
                                  Widening and intersection improvements  
 AQ Code 2015M      Whitpain Twp.

Widen US 202 for approximately 2.4 miles from two lanes to five lanes including a center turn lane in this northbound section of US 202 between Township Line Road and Morris Road in Whitpain Township. Five culverts will be replaced in this portion of Section 600 and traffic signal equipment will be replaced at the intersections with Swede Road, Yost Road, Jolly Road and Slippack Pike (PA 73). This section was designed under Section 610.

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.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2003</u>	<u>FY 2004</u>	<u>FY 2005</u>	<u>FY 2006</u>	
UTL	DEMO	400				
UTL	H-STATE	100				
ROW	HWY		800			
ROW	H-STATE		200			
ROW	HWY			6,800		
ROW	H-STATE			1,700		
ROW	HWY				5,200	
ROW	H-STATE				1,300	
CON	HWY				9,600	
CON	H-STATE				2,400	
CON	HWY					8,000
CON	H-STATE					2,000
Fiscal Year Total		<b>500</b>	<b>1,000</b>	<b>8,500</b>	<b>18,500</b>	<b>10,000</b>
			<b>Total FY 03-06 Cost</b>		<b>28,500</b>	



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## Pennsylvania - Highway Program

### Montgomery

**MPMS# 63491**      **US202: Morris Rd. - PA 63 (Sec 65S)**  
 TIP# M31              Morris Rd. to PA 63  
                             Reconstruction and widening  
 AQ Code 2015M      Whitpain, Lower Gwynedd, Upper Gwynedd

Widen Route 202 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 designed under section 650.

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
		FY 2003	FY 2004	FY 2005	FY 2006	
ROW	SPIKE	1,600				
ROW	H-STATE	400				
ROW	SPIKE		3,360			
ROW	H-STATE		840			
CON	SPIKE					3,040
CON	HWY					8,960
CON	H-STATE					3,000
CON	TBD					17,000
Fiscal Year Total		<b>2,000</b>	<b>4,200</b>	<b>0</b>	<b>0</b>	<b>32,000</b>
		<b>Total FY 03-06 Cost</b>			<b>6,200</b>	

**MPMS# 63493**      **US202: 5-Points Intersection**  
 TIP# M32              Intersection of US 202/PA 309/PA 463  
                             Widening and signalization  
 AQ Code 2015M      Montgomery Township

Widen limited section of roadway at intersection of three major roads by adding additional through lanes on PA 309 and turn lanes on PA 463. Intersection improvements on all three roads. This project was designed as part of Route 202, Section 711.

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
		FY 2003	FY 2004	FY 2005	FY 2006	
CON	HWY			1,600		
CON	H-STATE			400		
CON	TBD					2,000
Fiscal Year Total		<b>0</b>	<b>0</b>	<b>2,000</b>	<b>0</b>	<b>2,000</b>
		<b>Total FY 03-06 Cost</b>			<b>2,000</b>	

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## Pennsylvania - Highway Program

### Montgomery

**MPMS# 64017**      **Sumneytown Pike**  
 TIP# M33              Between Allentown Rd. and Dickerson Rd.  
                             Widen, overpass and bridge replacement

AQ Code 2015M

Widen Sumneytown Pike from Allentown Road to Dickerson Road (approximately 1/8 mile.)  
 Replace the rail overpass to accommodate widening and reconstruct the bridge over the  
 Wissahickon Creek.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	STU			4,000		
CON	LOCAL			1,000		
Fiscal Year Total		0	0	5,000	0	0
		<b>Total FY 03-06 Cost</b>			<b>5,000</b>	

**MPMS# 64026**      **US 202 Bypass :Hancock Rd.-309 (Sec 70A)**

TIP# M34              Hancock Rd. to PA 309  
                             Divided Relocation

AQ Code 2015M      Lower Gwynedd, Upper Gwynedd, Montgomery Twps.

Relocate US 202 between Hancock Road and PA 309, a 1.1 mile section of the road. Construct an interchange at PA 63, and make intersection improvements to PA 63 and Dekalb Pike. This section designed under section 701.

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.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	SPIKE				7,200	
CON	H-STATE				1,800	
CON	TBD					39,000
Fiscal Year Total		0	0	0	9,000	39,000
		<b>Total FY 03-06 Cost</b>			<b>9,000</b>	

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## Pennsylvania - Highway Program

### Montgomery

**MPMS# 64275**      **PA309, Commerce to Pennsylvania Ave (2)**  
 TIP# M35              Fort Washington Interchange (103)  
                                  Reconstruction of Section 103

AQ Code X

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. This project, which contains construction funding for the Fort Washington Interchange located between Commerce Rd. and Pennsylvania Avenue, 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.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
CON	DEMO		11,055			
CON	TOLL-MAT		2,762			
CON	HWY			16,000		
CON	TOLL-MAT			4,000		
CON	TOLL-MAT				8,578	
CON	HWY				34,314	
Fiscal Year Total		0	13,817	20,000	42,892	0
			Total FY 03-06 Cost		76,709	

**MPMS# 64276**      **Schuylkill Bridge Repairs**  
 TIP#                      Restoration  
 AQ Code X

FY03 Betterment Project (\$730,000 NHS).

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
CON	HWY	1,146				
CON	TOLL-MAT	286				
Fiscal Year Total		1,432	0	0	0	0
			Total FY 03-06 Cost		1,432	

**MPMS# 64634**      **Reflective Pavement Marker Program**  
 TIP#                      Safety Improvement  
 AQ Code X

Installation of newly designed reflective pavement markers.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
CON	HWY	380				
Fiscal Year Total		380	0	0	0	0
			Total FY 03-06 Cost		380	

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## Pennsylvania - Highway Program

### Montgomery

**MPMS# 64793**      **PA 363 Park Ave/Ridge Pike/Trooper Rd**

TIP# M01              Park Ave and Trooper Rd

Widen and add turn lanes

AQ Code 2005M      West Norriton, Lower Providence

Improvements to two intersections and the short distance of Ridge Pike between them. Part of PennDOT's Congested Corridor Improvement Program. Will add left turn lanes on all approaches.

PennDOT selected "Congested Corridor - Early Action"

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	Later FYs
FD	LOCAL	250				
CON	TBD					1,350
Fiscal Year Total		250	0	0	0	1,350
		Total FY 03-06 Cost			250	

**MPMS# 64795**      **Rock Hill Rd/Belmont Ave**

TIP# M04              PA 23 to I-76

Corridor Improvements

AQ Code 2015M      Lower Merion

Upgrade signals. Provide left turn lanes at two intersections: a left turn lane from Rockville Rd. to Belmont Ave., and from Belmont Ave. to I-76. Widen Belmont Avenue to provide additional lanes and streetscape improvements; modify I-76 and railroad overpasses.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	Later FYs
FD	LOCAL	1,700				
CON	TBD					6,500
Fiscal Year Total		1,700	0	0	0	6,500
		Total FY 03-06 Cost			1,700	

**MPMS# 64796**      **US 422 / PA 363 Interchange**

TIP# M06

Full-movement interchange

AQ Code 2015M      West Norriton, Lower Providence

Full-movement interchange at PA 363; provide EB off ramp and WB on ramp; modify existing ramps as necessary.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	Later FYs
PE	HWY			800		
PE	H-STATE			200		
FD	TBD					1,000
CON	TBD					20,000
Fiscal Year Total		0	0	1,000	0	21,000
		Total FY 03-06 Cost			1,000	

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## Pennsylvania - Highway Program

### Montgomery

**MPMS# 64798**      *North Narberth Ave.*  
 TIP# M13            over AMTRAK / SEPTA  
                          Bridge replacement  
 AQ Code X         Narberth

Replace bridge.

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

**Later FYs**

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
PE	BRIDGE	800				
PE	B-STATE	150				
PE	LOCAL	50				
FD	TBD					1,000
CON	TBD					4,000
Fiscal Year Total		<b>1,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,000</b>
<b>Total FY 03-06 Cost</b>					<b>1,000</b>	

**MPMS# 64800**      *Egypt Rd/Park Ave/Pawlings Rd*  
 TIP# M15            Egypt Rd/Park Ave/Pawlings  
                          Widen intersection for turn lanes  
 AQ Code 2015M    Lower Providence

Widen for left turn lanes on all approaches.  
  
 PennDOT selected "Congested Corridor."

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

**Later FYs**

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	LOCAL	500				
CON	TBD					1,000
Fiscal Year Total		<b>500</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,000</b>
<b>Total FY 03-06 Cost</b>					<b>500</b>	

**MPMS# 64811**      *PA 463 Horsham Rd.*  
 TIP# M18            North Wales Rd. to General Hancock Rd.  
                          Widen to 4 lanes.  
 AQ Code 2015M    Montgomery

Widen to 4 lanes. Phase II, companion project to Phase I, TIP # 8757, culvert replacement/widening project.

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

**Later FYs**

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	LOCAL	250				
ROW	LOCAL		100			
CON	STU			2,080		
CON	H-STATE			520		
Fiscal Year Total		<b>250</b>	<b>100</b>	<b>2,600</b>	<b>0</b>	<b>0</b>
<b>Total FY 03-06 Cost</b>					<b>2,950</b>	

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## Pennsylvania - Highway Program

### Montgomery

**MPMS# 64845**      **Terwood Road Bridge**  
 TIP# M24            over Branch of Pennypack Creek  
                          Bridge Replacement  
 AQ Code X         Lower Moreland Township

Bridge Replacement.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
PE	B-STATE		270			
FD	B-STATE			150		
CON	TBD					400
Fiscal Year Total		0	270	150	0	400
		Total FY 03-06 Cost			420	

**MPMS# 64846**      **James Street Bridge**  
 TIP# M20            over Macoby Creek  
                          Bridge Replacement  
 AQ Code X         Upper Hanover Township

Bridge Replacement

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
PE	B-STATE		355			
FD	B-STATE			150		
CON	TBD					400
Fiscal Year Total		0	355	150	0	400
		Total FY 03-06 Cost			505	

**MPMS# 65132**      **Route 113 Heritage Corridor**  
 TIP#                 Schuylkill River MontCo - PA 412 BucksCo  
                          Study

Land Use/Transportation Study to evaluate present infrastructure needs, pair them with historic aspects of the region, and craft progressive land use and community planning goals.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
STUDY	PLHD	170				
Fiscal Year Total		170	0	0	0	0
		Total FY 03-06 Cost			170	

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## Pennsylvania - Highway Program

### Montgomery

**MPMS# 65908** *Lower Merion Business District Signage*

TIP# 8841

Signage Improvements

AQ Code X

Lower Merion

Design, fabrication and installation of gateway signs, street banners, way finder signs and identification signs for the business district located in Lower Merion Twp.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
ERC	H-TE		345			
Fiscal Year Total		0	345	0	0	0
		Total FY 03-06 Cost			345	

**MPMS# 65909** *Perkiomen Trail, Phase III*

TIP# 8842

Trail Construction

AQ Code X

Schwenksville Borough

The Young Property is a 22.6 acre tract located along Hendrick's Road in Upper Salford Township. Acquisition of this property is an opportunity to provide a strategically located rest stop for trail users and a trailhead parking facility and to protect the scenic quality of a substantial stretch of the trail corridor along Perkiomen Creek.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
ERC	H-TE		500			
ERC	H-TE			400		
ERC	LOCAL			100		
Fiscal Year Total		0	500	500	0	0
		Total FY 03-06 Cost			1,000	

**MPMS# 65910** *Ambler Streetscape / Station Landscaping*

TIP# 8840

Streetscape Improvements

AQ Code X

Ambler Borough

Replacement of Victorian streetlights, trash receptacles and street trees in Ambler Borough, as well as landscape around the station.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
ERC	H-TE		552			
Fiscal Year Total		0	552	0	0	0
		Total FY 03-06 Cost			552	

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## Pennsylvania - Highway Program

### Montgomery

**MPMS# 68028**      **Ridge Pike Closed Loop Signal System I**

TIP#                      Park Ave. to Germantown Pike

Closed Loop Signal System

AQ Code X              Lower Providence Twp.

As a result of the 2002 DVRPC Competitive CMAQ Program, \$599,420 CMAQ funds will be programmed in the future as appropriate for construction of a closed loop signal system along Ridge Pike/Main Street consisting of 10 intersections through two municipalities. The intersections will be interconnected with fiber optics (except for 1.5 miles through Evansburg Park) and will include new controllers, loop detectors, software, and signal upgrades.

(CMAQ ID# PA02-034) This is a partner project of MPMS #68065. (See MPMS #48201 for other projects selected as part of the 2002 Competitive Program.)

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
Fiscal Year Total		0	0	0		0
		<b>Total FY 03-06 Cost</b>				

**MPMS# 68064**      **I-76 Westbound Noisewalls**

TIP#                      I-76 Westbound/Henderson-Weadley Rds.

Noisewalls

AQ Code X

Design of noisewalls for I-76 westbound between Henderson and Weadley Roads in Upper Merion Township. The estimated construction cost of \$3 million is expected to move in conjunction with the I-76 Henderson Road interchange improvement project, MPMS #16211.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	H-STATE	600				
ROW	H-STATE	150				
Fiscal Year Total		<b>750</b>	0	0	0	0
		<b>Total FY 03-06 Cost</b>				<b>750</b>



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## Pennsylvania - Highway Program

### Montgomery

**MPMS# 68065**      **Ridge Pike Closed Loop Signal System II**

TIP#                      Forest Rd. to Egypt Rd.  
                              Closed Loop Signal System  
 AQ Code X              West Norriton Township

As a result of the 2002 DVRPC Competitive CMAQ Program, \$469,720 CMAQ funds will be programmed in the future as appropriate for construction of a closed loop signal system along Ridge Pike/Main Street consisting of 10 intersections through two municipalities. The intersections will be interconnected with fiber optics (except for 1.5 miles through Evansburg Park) and will include new controllers, loop detectors, software, and signal upgrades.

(CMAQ ID# PA02-035) This is a partner project of MPMS #68028. (See MPMS #48201 for other projects selected as part of the 2002 Competitive Program.)

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

**Later FYs**

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
Fiscal Year Total		0	0	0	0	0
		<b>Total FY 03-06 Cost</b>				

**MPMS# 69336**      **I-476 Bridges, Gulph/Schuylkill**

TIP#                      Over Gulph Creek & Schuylkill River  
                              Bridge Repair  
 AQ Code X

Three bridge structures with were identified as needing immediate design changes. One bridge is over the Schuylkill River, and the other two are the north and southbound sides of I-476 over Gulph Creek near Balligomingo Rd.

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

**Later FYs**

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
PE	B-STATE		216			
CON	B-STATE		1,348			
Fiscal Year Total		0	1,564	0	0	0
		<b>Total FY 03-06 Cost</b>				1,564

**MPMS# 69565**      **Betzwood Bridge (PA 422)**

TIP#                      Over Schuylkill River  
                              Bridge Repair  
 AQ Code X              West Norriton, Upper Merion Township

This bridge structure has been identified as needing immediate design changes to correct the "Hoan-like" details which have been identified as causing a bridge to fail over time, and impact the structure's load bearing ability.

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

**Later FYs**

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
UTL	B-STATE		30			
CON	B-STATE		391			
Fiscal Year Total		0	421	0	0	0
		<b>Total FY 03-06 Cost</b>				421

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## Pennsylvania - Highway Program

### Montgomery

MPMS# 71174 Rt. 29/Rt. 113, Black Rock-Hopwood Rds.

TIP#

Signalization and Roadway Improvements

AQ Code 20150

Upper Providence

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 will be locally funded. Specially earmarked DEMO funds will be sought for construction, but the township will provide for construction if that effort is unsuccessful.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
FD	LOCAL		890			
CON	TBD					5,300
Fiscal Year Total		0	890	0	0	5,300
		Total FY 03-06 Cost			890	

MPMS# 71803 Section 5311 Cap. Assist.-2004 Funds

TIP#

Bus Terminal/Capitol Trailways

Construction Fit for Intercity Bus Term.

AQ Code X

Norristown

2004 Funds: Construction fit of a Capitol Trailways Intercity Bus Terminal as a component of the Norristown Transportation Center SEPTA parking garage. This project is a joint effort by Montgomery County and Capitol Trailways. 5 bus berths, a ticket office, and an ADA compliant restroom will be included in the project.

See MPMS #68546 for the Capitol Trailways project selected for funding with FY03 funds.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
FD	LOCAL		15			
FD	5311		60			
CON	LOCAL		66			
CON	5311		265			
Fiscal Year Total		0	406	0	0	0
		Total FY 03-06 Cost			406	

Total for Montgomery 103,429 135,076 163,602 195,190 485,361

Total FY 03-06 Cost 597,297

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## Pennsylvania - Highway Program

### Philadelphia

**MPMS# 16785**      **Krewstown Road (Bridge)**  
 TIP# 9345            Over Pennypack Creek  
                          Study Bridge Replacement/Rehabilitation  
 AQ Code X            Northeast Phila.

The existing bridge in Pennypack Park is a narrow two lanes. It is currently load restricted to 20 tons.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006
PE	STU		320		
PE	LOCAL		80		
Fiscal Year Total		0	400	0	0
		Total FY 03-06 Cost			400

**MPMS# 16949**      **Vine Street Expressway**  
 TIP#                    Broad Street to Ridge Ave.  
                          Highway Reconstruction  
 AQ Code

Four lane expressway, with three travel lanes and service roads on each side.  
 Project complete. Accrued Unbilled Costs.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006
CON	HWY		435		
CON	H-STATE		48		
Fiscal Year Total		0	483	0	0
		Total FY 03-06 Cost			483

**MPMS# 16987**      **Passyunk Avenue(Signals)**  
 TIP# 9817            Broad St. to 63rd St.  
                          Signal Modernization  
 AQ Code 2015M      Philadelphia

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.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006
PE	CMAQ	312			
PE	LOCAL	78			
CON	CMAQ				1,200
CON	LOCAL				300
Fiscal Year Total		390	0	0	1,500
		Total FY 03-06 Cost			1,890

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## Pennsylvania - Highway Program

### Philadelphia

**MPMS# 17023**      **Lindbergh Boulevard (Bridge)**  
 TIP# 9459              Over CSX Railroad  
                                  Twp. Line Rd. (PA 73) to Moreland Rd.  
 AQ Code X              Southwest Phila.

The existing bridge has two 12' lanes, 5' shoulders, and 5' sidewalks. It will be replaced in kind.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
UTL	BRIDGE		160			
UTL	B-STATE		40			
ROW	BRIDGE		16			
ROW	B-STATE		4			
CON	TOLL-MAT		160			
CON	BRIDGE		640			
CON	BRIDGE			1,200		
CON	TOLL-MAT			300		
Fiscal Year Total		0	1,020	1,500	0	0
		Total FY 03-06 Cost			2,520	

**MPMS# 17112**      **PA 63, WOODHAVEN ROAD PROJECT**  
 TIP# 9332              US 1 (ROOSEVELT BLVD.)-PHILMONT AVENUE  
 AQ Code 2015          Northeast Phila., Lower Moreland Twp.

This project involves an EIS with three alternatives: (1) no build, (2) widening the existing Byberry Rd. including extending the Woodhaven Expressway to Byberry Rd., and (3) extending Woodhaven Rd. from its current terminus at Evans St. to Philmont Ave. The limited access road would be four lanes (two lanes in each direction) from Evans St. to Bustleton Ave. and two lanes (one lane in each direction) from Bustleton Ave. to Philmont Ave. A partial diamond interchange will be constructed at Bustleton Ave.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
PE	HWY	1,125				
PE	H-STATE	375				
Fiscal Year Total		1,500	0	0	0	0
		Total FY 03-06 Cost			1,500	

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## Pennsylvania - Highway Program

### Philadelphia

MPMS# 17135      **30th St. Station Intermodal Gateway**  
 TIP# 9746      Vicinity of 30th St. Station  
                  Pedestrian/Streetscape Improvements  
 AQ Code X      Philadelphia

Focus will be on pedestrian path revisions, traffic signal work, transit improvements for surface bus loading and related work to alleviate confusing and pedestrian unfriendly station roadway layout.  
 Additional funding for this project was programmed in the SEPTA section under MPMS #63649.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
FD	DEMO	300				
FD	LOCAL	75				
CON	DEMO	5,400				
CON	LOCAL	1,350				
Fiscal Year Total		<b>7,125</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
		<b>Total FY 03-06 Cost</b>			<b>7,125</b>	

MPMS# 17268      **University Ave. Drawbridge**  
 TIP#  
 AQ Code X

Accrued Unbilled Costs

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
CON	BRIDGE	171				
Fiscal Year Total		<b>171</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
		<b>Total FY 03-06 Cost</b>			<b>171</b>	

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## Pennsylvania - Highway Program

### Philadelphia

MPMS# 17350 *Henry Ave. Bridge/Wissahickon*

TIP# 9820 over Wissahickon Creek

Bridge Rehabilitation

AQ Code X Philadelphia

Rehabilitation of existing structure and related work.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
PE	BRIDGE	464				
PE	B-STATE	116				
FD	BRIDGE		472			
FD	B-STATE		118			
UTL	BRIDGE			40		
UTL	B-STATE			10		
ROW	BRIDGE			80		
ROW	B-STATE			20		
CON	BRIDGE					640
CON	B-STATE					160
Fiscal Year Total		580	590	150	0	800
		Total FY 03-06 Cost			1,320	

MPMS# 17408 *Rhawn Street (Bridge)*

TIP# 9464 Over Conrail

Bridge Replacement

AQ Code X Northeast Phila.

The existing two lane bridge with minimal shoulders and sidewalks on both sides will be replaced in kind.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
UTL	BRIDGE	160				
UTL	B-STATE	40				
CON	BRIDGE	1,360				
CON	B-STATE	340				
UTL	BRIDGE		1,768			
UTL	B-STATE		442			
CON	BRIDGE		80			
CON	B-STATE		20			
Fiscal Year Total		1,900	2,310	0	0	0
		Total FY 03-06 Cost			4,210	

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## Pennsylvania - Highway Program

### Philadelphia

MPMS# 17460      **40th Street (Bridge)**  
 TIP# 9661      Over Amtrak/SEPTA  
                  Bridge Replacement  
 AQ Code X      West Phila.

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.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
ROW	BRIDGE	769				
ROW	B-STATE	144				
ROW	LOCAL	48				
ROW	BRIDGE		160			
ROW	B-STATE		30			
ROW	LOCAL		10			
CON	BRIDGE					5,131
CON	B-STATE					962
CON	LOCAL					321
Fiscal Year Total		961	200	0	0	6,414
		Total FY 03-06 Cost			1,161	

MPMS# 17461      **42nd Street (Bridge)**  
 TIP# 9682A      Over Amtrak/SEPTA, South of Poplar  
                  Bridge Deck Replacement  
 AQ Code X      West Phila.

The existing bridge is currently load restricted. The project involves bridge deck replacement, repainting, visual mitigation, and guiderail improvements.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
CON	BR*		4,160			
CON	STATE*		780			
CON	LOCAL*		260			
Fiscal Year Total		0	5,200	0	0	0
		Total FY 03-06 Cost			5,200	

# DVRPC FY 2003-2006 TIP for PA

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## Pennsylvania - Highway Program

### Philadelphia

**MPMS# 17462**      **South Street Bridge Over SEPTA**  
 TIP# 9684C      Wilmington/Elwyn/Airport Line  
                          Bridge Rehabilitation (Eng. Cost #9684A)  
 AQ Code X      West Phila.

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, and 5' sidewalks. The project also includes improvements to the I-76 off-ramps, visual mitigation, and detour route improvements.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
CON	TBD					10,000
Fiscal Year Total		0	0	0	0	10,000
		Total FY 03-06 Cost			0	

**MPMS# 17464**      **Holme Avenue (Bridge)**  
 TIP# 9463      Over Conrail (1 Track)  
                          Bridge Replacement  
 AQ Code X      Northeast Phila.

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
		FY 2003	FY 2004	FY 2005	FY 2006	
FD	BRIDGE		240			
FD	B-STATE		60			
UTL	BRIDGE		128			
UTL	B-STATE		32			
CON	BRIDGE					1,080
CON	B-STATE					270
Fiscal Year Total		0	460	0	0	1,350
		Total FY 03-06 Cost			460	

**MPMS# 17492**      **Glenwood Ave. (Bridge, N. Phila.)**  
 TIP# 9742      W. of 3rd, over Abandoned Railroad  
                          Bridge Removal  
 AQ Code X      Philadelphia

Removal of bridge, fill of area, repaving.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
CON	BRIDGE			800		
CON	B-STATE			150		
CON	LOCAL			50		
Fiscal Year Total		0	0	1,000	0	0
		Total FY 03-06 Cost			1,000	



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## Pennsylvania - Highway Program

### Philadelphia

**MPMS# 17579**      **Center City Signal Improvement Project I**  
 TIP# 9554              Phase 1  
                                  Traffic Signal Improvement

AQ Code

This project entails modernization of traffic signal hardware at 82 intersections in the southwest quadrant of Center City. This is Phase 1 of a three phase project.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	CMAQ	202				
Fiscal Year Total		202	0	0	0	0
<b>Total FY 03-06 Cost</b>					<b>202</b>	

**MPMS# 17581**      **Bells Mill Road**  
 TIP# 9662              Germantown Ave. to Stenton Ave.  
                                  Restoration  
 AQ Code X              Northwest Phila.

This road restoration project involves drainage improvements, minor widening, and sidewalk improvements.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
PE	STU		4			
PE	LOCAL		1			
UTL	STU			40		
UTL	LOCAL			10		
CON	STU					2,000
CON	LOCAL					500
Fiscal Year Total		0	5	50	0	2,500
<b>Total FY 03-06 Cost</b>					<b>55</b>	

**MPMS# 17582**      **SCHOOL HOUSE LANE**  
 TIP# 9555              RIDGE AVENUE TO HENRY AVENUE  
                                  Reconstruction  
 AQ Code X              Northwest Phila.

This roadway reconstruction project includes minor widening, drainage improvements, sidewalk construction, and realignment of the Ridge Ave. intersection.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	STU	288				
FD	LOCAL	72				
Fiscal Year Total		360	0	0	0	0
<b>Total FY 03-06 Cost</b>					<b>360</b>	

# DVRPC FY 2003-2006 TIP for PA

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## Pennsylvania - Highway Program

### Philadelphia

**MPMS# 17600**      **Century Lane Bridge**  
 TIP# 9822            over Poquessing Creek  
                          Bridge Rehabilitation  
 AQ Code X           Philadelphia, Bensalem Twp.

Rehabilitation of an existing bridge across the Poquessing Creek in far Northeast Philadelphia, crossing the Bucks County boundary into Bensalem Township. The structure is a stone arch bridge dating to the 1850's. An innovative strengthening process will be used to internally reinforce the bridge without any external supports, ensuring that the historic structure will be preserved as is.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
CON	BRIDGE			1,200		
CON	B-STATE			225		
CON	LOCAL			75		
Fiscal Year Total		0	0	1,500	0	0
		<b>Total FY 03-06 Cost</b>			<b>1,500</b>	

**MPMS# 17603**      **South Street Bridge Over I-76 (EB)**  
 TIP# 9684B           and Amtrak N.E. Corridor  
                          Bridge Rehabilitation(Eng. Costs #9684B)  
 AQ Code X           West Phila.

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, and 5' sidewalks. The project also includes improvements to the I-76 off-ramps, visual mitigation, and detour route improvements.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
CON	BRIDGE			10,400		
CON	B-STATE			1,950		
CON	LOCAL			650		
Fiscal Year Total		0	0	13,000	0	0
		<b>Total FY 03-06 Cost</b>			<b>13,000</b>	

# DVRPC FY 2003-2006 TIP for PA

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## Pennsylvania - Highway Program

### Philadelphia

**MPMS# 17605**      **Girard Point Bridge Rehabilitation**

TIP# P23                      over Schuylkill River

Bridge Rehabilitation

AQ Code X                      City of Philadelphia

Rehabilitation of this bridge will include partial deck repairs, replacement of expansion dams, and total replacement of the draignage system on the bridge. Fatigue cracks will also be addressed.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	B-STATE	600				
UTL	B-STATE		50			
CON	BRIDGE		1,305			
CON	B-STATE		326			
CON	BRIDGE			2,400		
CON	B-STATE			600		
CON	BRIDGE				3,200	
CON	BRIDGE				800	
Fiscal Year Total		<b>600</b>	<b>1,681</b>	<b>3,000</b>	<b>4,000</b>	<b>0</b>
			<b>Total FY 03-06 Cost</b>		<b>9,281</b>	

**MPMS# 17621**      **City Ave. Bridge (Southbound)**

TIP#

AQ Code X

Accrued unbilled costs.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON		1,031				
Fiscal Year Total		<b>1,031</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
			<b>Total FY 03-06 Cost</b>		<b>1,031</b>	

**MPMS# 17648**      **US 13, Frankford Avenue Signals**

TIP# 9609

Bridge Street to Bucks County Line

Closed Loop Signal System

AQ Code 2015M

Closed loop system for 42 signalized intersections.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	CMAQ	2,344				
CON	LOCAL	151				
CON	CMAQ		400			
Fiscal Year Total		<b>2,495</b>	<b>400</b>	<b>0</b>	<b>0</b>	<b>0</b>
			<b>Total FY 03-06 Cost</b>		<b>2,895</b>	

# DVRPC FY 2003-2006 TIP for PA

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## Pennsylvania - Highway Program

### Philadelphia

**MPMS# 17649**      **PA 611, S. Broad St.**  
 TIP# 9623              I-76 and Pollack St. (Stadium Complex)  
                                  Interchange Realignment  
 AQ Code X              South Phila.

Simplify the Broad St./Packer Ave. intersection; relocate the eastbound I-76 on-ramp out of the intersection; realign the westbound I-76 on-ramp intersection with the Broad St. main line; and remove the northbound Broad St. Service Road.

		TIP Program Years (\$ 000)				Later FYs
Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	HWY	2,388				
CON	H-STATE	580				
Fiscal Year Total		<b>2,968</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
		<b>Total FY 03-06 Cost</b>			<b>2,968</b>	

**MPMS# 17652**      **PA 611, N. Broad Street (Signals)**  
 TIP# 9615              Somerset St. to Montgomery Co. Line  
                                  Corridor Improvements  
 AQ Code 2005M      North Phila.

Upgrade the traffic signals at approximately 40 intersections.

		TIP Program Years (\$ 000)				Later FYs
Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	CMAQ			1,440		
CON	H-STATE			360		
Fiscal Year Total		<b>0</b>	<b>0</b>	<b>1,800</b>	<b>0</b>	<b>0</b>
		<b>Total FY 03-06 Cost</b>			<b>1,800</b>	

**MPMS# 17655**      **Center City Traffic Systems II**  
 TIP# 9614              South St. to Spring Garden St.  
                                  Signal Improvements-Phase 2  
 AQ Code 2005M      Central Phila.

This project consists of the installation of a computerized traffic signal system for approximately 170 signals. This is phase 2 of a three phase project.

		TIP Program Years (\$ 000)				Later FYs
Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	CMAQ			4,000		
CON	CMAQ				2,000	
Fiscal Year Total		<b>0</b>	<b>0</b>	<b>4,000</b>	<b>2,000</b>	<b>0</b>
		<b>Total FY 03-06 Cost</b>			<b>6,000</b>	

# DVRPC FY 2003-2006 TIP for PA

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## Pennsylvania - Highway Program

### Philadelphia

**MPMS# 17659**      **Harbison Ave./Aramingo Ave.(C048)**  
 TIP# 9621              I-95 to Roosevelt Blvd.  
                                  Signal and Corridor Improvements  
 AQ Code 2005M      Northeast Phila.

This project includes 27 signals and covers a distance of about 6 miles. Proposed improvements on Harbison Ave. include removing the medians at the intersections for the painting of left turn standby lanes and the provision of overhead signals that will be interconnected with new controllers. Proposed improvements on Aramingo Ave. include the addition of overhead signals and left turn standby lanes from Butler St. to Bridge St.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	CMAQ			4,390		
CON	H-STATE			1,098		
Fiscal Year Total		0	0	5,488	0	0
				<b>Total FY 03-06 Cost</b>	<b>5,488</b>	

**MPMS# 17663**      **PA 63/Woodhaven Road**  
 TIP# 9612              Bucks County Line to Evans Street  
                                  Restoration/Noisewalls  
 AQ Code X              Northeast Phila.

This road restoration project involves base repair, overlay, updating the median barrier, bridge deck repair, and lighting rehabilitation design.

\$5.104 million State 149 funds transferred 12-31-02 from MPMS #51214 for noise wall component of this project: Construct noise walls on the north side of Woodhaven Rd. from Byberry Rd. to Thornton Rd. and on the south side from Normandy Homes to Norcum Street.

\$6 million State 149 funds earmarked in 2004 for additional noisewalls within project limits.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	H-STATE	5,104				
CON	TOLL-MAT		865			
CON	STU		3,459			
CON	H-STATE		6,000			
Fiscal Year Total		5,104	10,324	0	0	0
				<b>Total FY 03-06 Cost</b>	<b>15,428</b>	

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## Pennsylvania - Highway Program

### Philadelphia

MPMS# 17684 *Vine Street TIMS Improvement*

TIP#

AQ Code

Accrued Unbilled Costs

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	CMAQ	162				
Fiscal Year Total		162	0	0	0	0
Total FY 03-06 Cost					162	

MPMS# 17693 *I-95, PA 420 to Betsy Ross Bridge*

TIP#

AQ Code

Accrued Unbilled Costs

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	HWY		540			
CON	H-STATE		60			
Fiscal Year Total		0	600	0	0	0
Total FY 03-06 Cost					600	

MPMS# 17697 *Island Ave. (Signals)*

TIP# 9734

Woodland Ave. to Bartram Ave.

Signal Improvements

AQ Code 2005M

Philadelphia

Upgrade the signal controls at six intersections, incorporating preference for SEPTA Route 36; narrow the roadway to accommodate pedestrians; and simplify three intersections.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	CMAQ	128				
FD	LOCAL	32				
UTL	CMAQ	40				
UTL	LOCAL	10				
CON	CMAQ					1,120
CON	LOCAL					280
Fiscal Year Total		210	0	0	0	1,400
Total FY 03-06 Cost					210	

# DVRPC FY 2003-2006 TIP for PA

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## Pennsylvania - Highway Program

### Philadelphia

MPMS# 17701 *Washington Ave. Signals*

TIP#

AQ Code X

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	STU	326				
CON	LOCAL	82				
CON	STU		428			
CON	LOCAL		109			
Fiscal Year Total		408	537	0	0	0
Total FY 03-06 Cost					945	

MPMS# 17724 *South Street Bridge Over I-76 (WB)*

TIP# 9684A

Schuylkill River & CSX

Bridge Replacement

AQ Code X

Central Phila.

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, and 5' sidewalks. The project also includes improvements to the I-76 off-ramps, visual mitigation, and detour route improvements.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	BRIDGE				24,000	
CON	B-STATE				4,500	
CON	LOCAL				1,500	
Fiscal Year Total		0	0	0	30,000	0
Total FY 03-06 Cost					30,000	

MPMS# 17734 *4th and 5th Highway District "3R"*

TIP# 9676

Northeast Philadelphia

Reconstruction/Restoration/Resurfacing

AQ Code X

Northeast Phila.

Typical components of a '3R' project include base repair, milling, overlay, resurfacing, drainage improvements, signal modernization, and guiderail improvements. The intent of a '3R' projects is to make whatever improvements are necessary to bring the road up to current standards. This project covers approximately 16 miles of roadway.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	STU	428				
CON	LOCAL	107				
Fiscal Year Total		535	0	0	0	0
Total FY 03-06 Cost					535	

# DVRPC FY 2003-2006 TIP for PA

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## Pennsylvania - Highway Program

### Philadelphia

**MPMS# 17751**      **Fairmount Park Bikeway Enhancements**

TIP# 9655              Manayunk, former Pennsylvania RR  
 Construct Pedestrian/Bike Trail  
 AQ Code X            Northwest Phila.

This project involves the construction of a bikeway and trail along Main St. in Manayunk, the Manayunk Towpath, and the former Pennsylvania Railroad roadbed. It will provide a link to the existing paths on East River Dr. (at Ridge Ave. and Wissahickon Creek) and the Valley Forge Bikeway (at Port Royal Ave.).

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

**Later FYs**

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
UTL	H-TE		40			
UTL	LOCAL		10			
CON	H-TE				800	
CON	LOCAL				200	
Fiscal Year Total		0	50	0	1,000	0
<b>Total FY 03-06 Cost</b>					<b>1,050</b>	

**MPMS# 17752**      **26th Street Gateway II**

TIP#  
 AQ Code X

Accrued Unbilled Costs

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

**Later FYs**

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	H-TE		351			
CON	LOCAL		88			
Fiscal Year Total		0	439	0	0	0
<b>Total FY 03-06 Cost</b>					<b>439</b>	

**MPMS# 17754**      **Schuylkill River Park Bike/Ped. Trail**

TIP# 9658B            East side of Schuylkill River,  
 from Art Museum to Spruce St.  
 AQ Code X            Philadelphia

Project involves the construction of a multi-use trail, ramp structures, lighting, and architectural treatments. Schuylkill River Park extends from West River Drive to Spruce Street and contains the area between the east bank of the Schuylkill River and the CSXT line. It includes the construction of an asphalt multi-use path that extends the length of the park, which is slightly over one mile in length. Also included in the project scope are path lighting, fencing and a concrete ramp system between Market and Chestnut Streets. (See also MPMS #'s 70220, 17724, and 70810)

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

**Later FYs**

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	STU		800			
CON	LOCAL		200			
Fiscal Year Total		0	1,000	0	0	0
<b>Total FY 03-06 Cost</b>					<b>1,000</b>	



# DVRPC FY 2003-2006 TIP for PA

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## Pennsylvania - Highway Program

### Philadelphia

**MPMS# 17768**      **Kelly Drive**  
 TIP# 9736              Eakins Oval to Gustine Lake Interchange  
                                 Lighting Modernization  
 AQ Code X              Philadelphia

Modernize lighting system. Slight realignment of Sedgley/Aquarium Dr. intersection, including installation of signal to enhance and protect pedestrian crossing and cross-traffic movement.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	STU	502				
CON	LOCAL	126				
Fiscal Year Total		<b>628</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
					<b>Total FY 03-06 Cost</b>	<b>628</b>

**MPMS# 17782**      **I-95 & Aramingo Ave., Adams Ave. Connect**  
 TIP# 9151B              Betsy Ross Bridge to Torresdale Ave.  
                                 Construct New Roadway  
 AQ Code 2015M        Northeast Phila.

Construct an extension of Adams Ave. east of Tacony St. to connect to ramps constructed in TIP #9151A and provide a connection between Torresdale Ave. (east of Frankford Ave.) and I-95.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
UTL	STU		40			
UTL	H-STATE		10			
CON	TBD					1,428
Fiscal Year Total		<b>0</b>	<b>50</b>	<b>0</b>	<b>0</b>	<b>1,428</b>
					<b>Total FY 03-06 Cost</b>	<b>50</b>

**MPMS# 17783**      **Schuylkill Expressway Bridges**  
 TIP# P24              over Schuylkill River & Viaduct  
                                 Bridge Rehabilitation  
 AQ Code X              City of Philadelphia

Bridge Rehabilitation

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
UTL	BRIDGE	80				
UTL	B-STATE	20				
PE	BRIDGE		800			
PE	B-STATE		200			
FD	BRIDGE				800	
FD	B-STATE				200	
CON	TBD					10,000
Fiscal Year Total		<b>100</b>	<b>1,000</b>	<b>0</b>	<b>1,000</b>	<b>10,000</b>
					<b>Total FY 03-06 Cost</b>	<b>2,100</b>

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## Pennsylvania - Highway Program

### Philadelphia

**MPMS# 17784**      **JFK Boulevard Bridge**  
 TIP# P22              over Schuylkill River  
                             Superstructure Rehabilitation/Deck  
 AQ Code X            City of Philadelphia

Superstructure Rehabilitation/Deck

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

**Later FYs**

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
PE	B-STATE		500			
UTL	B-STATE		100			
CON	B-STATE		50			
FD	B-STATE			500		
CON	TBD					1,500
Fiscal Year Total		0	650	500	0	1,500
		<b>Total FY 03-06 Cost</b>			<b>1,150</b>	

**MPMS# 17787**      **Cobb's Creek Bikeway (C072)**  
 TIP# 9707            US 1 City Ave.to PA 291 to Airport  
                             Construct Bikeway  
 AQ Code X            West Phila., Southwest Phila.

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.

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

**Later FYs**

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
PE	CMAQ	16				
PE	LOCAL	4				
CON	CMAQ	1,237				
CON	LOCAL	309				
Fiscal Year Total		1,566	0	0	0	0
		<b>Total FY 03-06 Cost</b>			<b>1,566</b>	

**MPMS# 17788**      **Arterial Signal Interconnect (C005)**  
 TIP# 9705            Citywide  
                             Signal Coordination  
 AQ Code 2005O      Philadelphia City

This projects includes 448 signals and covers about 65 miles of lower volume roadway (9000-15000 ADT). Each of the roads included in the project carries a SEPTA route for all or most of its length.

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

**Later FYs**

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	CMAQ			800		
CON	LOCAL			200		
Fiscal Year Total		0	0	1,000	0	0
		<b>Total FY 03-06 Cost</b>			<b>1,000</b>	

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## Pennsylvania - Highway Program

### Philadelphia

**MPMS# 17791**      **WESTBANK GREENWAY (C004)**  
 TIP# 9704            31ST ST., 32ND ST., & MANTUA AVE. (etc.)  
                          PEDESTRIAN/BICYCLE ENHANCEMENTS  
 AQ Code X            West Phila.

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.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	CMAQ		56			
FD	LOCAL		14			
Fiscal Year Total		0	70	0	0	0
		<b>Total FY 03-06 Cost</b>			<b>70</b>	

**MPMS# 17794**      **Torresdale Ave. (Signals)**  
 TIP# 9721            Harbison Ave. to Linden Ave.  
                          Arterial Improvements related to I-95  
 AQ Code 2005M      Philadelphia City

This project involves upgrading and interconnecting the traffic signals for approximately 29 intersections within the project limits. The improvement is intended to help accommodate the additional traffic that is anticipated during the rehabilitation of I-95.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	CMAQ	2,526				
CON	TOLL-MAT		152			
CON	CMAQ		609			
CON	LOCAL		235			
Fiscal Year Total		2,526	996	0	0	0
		<b>Total FY 03-06 Cost</b>			<b>3,522</b>	

**MPMS# 17795**      **Holme Ave. (Signals)**  
 TIP# 9724            Roosevelt Blvd. To Willits Road  
                          Arterial Improvements related to I-95  
 AQ Code 2015M      Philadelphia

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.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	CMAQ	718				
CON	LOCAL	72				
Fiscal Year Total		790	0	0	0	0
		<b>Total FY 03-06 Cost</b>			<b>790</b>	

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## Pennsylvania - Highway Program

### Philadelphia

**MPMS# 17796**      **PA 611, Broad Street @ I-95 (Signals)**  
 TIP# 9720              Vine St. to Olney Ave.  
                                  Arterial Improvements related to I-95  
 AQ Code 2005M      Philadelphia City

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.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
CON	CMAQ				3,136	
Fiscal Year Total		0	0	0	3,136	0
		Total FY 03-06 Cost			3,136	

**MPMS# 17797**      **New State/Tacony Rd. (Signals)**  
 TIP# 9722              Bridge St. to Old State Rd.  
                                  Arterial Improvements related to I-95  
 AQ Code 2002M      Philadelphia City

This project involves upgrading and interconnecting the traffic signals for approximately 10 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
		FY 2003	FY 2004	FY 2005	FY 2006	
CON	CMAQ	413				
Fiscal Year Total		413	0	0	0	0
		Total FY 03-06 Cost			413	

**MPMS# 17798**      **KNIGHTS RD.**  
 TIP# 9723              FRANKFORD AVE. TO STREET RD.  
                                  ARTERIAL IMP. ASSOCIATED W/ I-95  
 AQ Code 2002M      Philadelphia City

This project involves upgrading and interconnecting the traffic signals 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.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
CON	CMAQ	426				
Fiscal Year Total		426	0	0	0	0
		Total FY 03-06 Cost			426	

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## Pennsylvania - Highway Program

### Philadelphia

MPMS# 17801

*Ogontz Ave.*

TIP# 9735

Belfield Ave. to Cheltenham Ave.

Signal Improvements

AQ Code 2005M

Philadelphia

Modernize signals at 29 intersections; simplify 7 odd-angle or multi-leg intersections (included in 29 total); resurface roadway; provide bicycle lanes; reduce pedestrian crossing distances where possible; provide curbside bus zones from SEPTA Route 6 bus stops.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	CMAQ	40				
FD	LOCAL	10				
CON	CMAQ	4,984				
CON	LOCAL	1,246				
CON	CMAQ		181			
CON	CMAQ		723			
Fiscal Year Total		<b>6,280</b>	<b>904</b>	<b>0</b>	<b>0</b>	<b>0</b>
			<b>Total FY 03-06 Cost</b>		<b>7,184</b>	

MPMS# 17808

*Strawberry Mansion Bridge*

TIP#

AQ Code X

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	BRIDGE	377				
CON	B-STATE	71				
CON	LOCAL	24				
Fiscal Year Total		<b>472</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
			<b>Total FY 03-06 Cost</b>		<b>472</b>	

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## Pennsylvania - Highway Program

### Philadelphia

MPMS# 17813      *North Broad St./Avenue of the Arts*  
 TIP# 9825      Kennedy Blvd. - Somerset St.  
                  Streetscape Improvements  
 AQ Code X      Philadelphia

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.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
DES	STU	298				
DES	LOCAL	75				
CON	STU	900				
CON	LOCAL	1,850				
CON	STU		5,000			
CON	LOCAL		1,250			
Fiscal Year Total		<b>3,123</b>	<b>6,250</b>	<b>0</b>	<b>0</b>	<b>0</b>
		<b>Total FY 03-06 Cost</b>			<b>9,373</b>	

MPMS# 17817      *Henry Ave. Bridge over SEPTA*  
 TIP# 9821      over SEPTA R6 Line  
                  Bridge Rehabilitation  
 AQ Code X      Philadelphia

Rehabilitation of existing structure and related work.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
PE	BRIDGE	504				
PE	B-STATE	126				
FD	BRIDGE	496				
FD	B-STATE	124				
UTL	BRIDGE			40		
UTL	B-STATE			10		
ROW	BRIDGE			80		
ROW	B-STATE			20		
CON	BRIDGE					320
CON	B-STATE					80
Fiscal Year Total		<b>1,250</b>	<b>0</b>	<b>150</b>	<b>0</b>	<b>400</b>
		<b>Total FY 03-06 Cost</b>			<b>1,400</b>	

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## Pennsylvania - Highway Program

### Philadelphia

**MPMS# 17821**      ***I-95 at Shackamaxon St.***  
 TIP# 9756              Shackamaxon St. to Ann St.  
                                  Widening, interchange improvement  
 AQ Code 2015M      Philadelphia

Widen I-95 mainline to eliminate lane drops in both directions. Modify interchange to provide additional southbound off-ramp to Delaware Ave. (involves 17 bridges and .3 miles of roadway)

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
PE	BRIDGE	3,200				
PE	B-STATE	800				
FD	DEMO			7,671		
FD	BRIDGE			3,000		
FD	B-STATE			750		
FD	H-STATE			1,918		
UTL	DEMO			1,600		
UTL	H-STATE			400		
ROW	DEMO			4,000		
ROW	H-STATE			1,000		
CON	TBD					125,000
Fiscal Year Total		<b>4,000</b>	<b>0</b>	<b>20,339</b>	<b>0</b>	125,000
		<b>Total FY 03-06 Cost</b>			<b>24,339</b>	

**MPMS# 17825**      ***Tioga Marine Terminal***  
 TIP# 9749              between Allegheny Ave. and Castor Ave.  
                                  Goods Movement Improvements  
 AQ Code X              Philadelphia

Eight new truck lanes and gate will be constructed at the container terminal and four new truck lanes and gate will be constructed at the breakbulk terminal. The container lanes/gate will have office space for clerks and administrators and three lanes with truck scales. In the vicinity of the container gate there will be a roofed roadability examination area. In the vicinity of the breakbulk lanes/gate there will be new traffic signals and highway striping.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
CON	DEMO	1,032				
CON	LOCAL	258				
Fiscal Year Total		<b>1,290</b>	<b>0</b>	<b>0</b>	<b>0</b>	0
		<b>Total FY 03-06 Cost</b>			<b>1,290</b>	

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## Pennsylvania - Highway Program

### Philadelphia

**MPMS# 17826**      ***I-76, Schuylkill Exp./Platt Bridge (ITS)***  
 TIP# 9764              I-676, Vine Expy. to Platt Bridge-PA-291  
                                  Intelligent Transportation System  
 AQ Code 20150      Philadelphia

1 variable message sign, 14 closed circuit televisions, 4 detectors

		<b>TIP Program Years (\$ 000)</b>				<b>Later FYs</b>
<u>Phase</u>	<u>Fund</u>	<u>FY 2003</u>	<u>FY 2004</u>	<u>FY 2005</u>	<u>FY 2006</u>	
FD	CMAQ		120			
FD	H-STATE		30			
UTL	CMAQ		40			
UTL	H-STATE		10			
CON	HWY					5,000
Fiscal Year Total		<b>0</b>	<b>200</b>	<b>0</b>	<b>0</b>	<b>5,000</b>
<b>Total FY 03-06 Cost</b>					<b>200</b>	

**MPMS# 17827**      ***I-76, Schuylkill Expy./Pencoyd (ITS)***  
 TIP# 9765              I-676, Vine Expy. to Pencoyd Bridge  
                                  Intelligent Transportation System  
 AQ Code 20150      Philadelphia

1 variable message sign, 14 closed circuit televisions, 10 detectors

		<b>TIP Program Years (\$ 000)</b>				<b>Later FYs</b>
<u>Phase</u>	<u>Fund</u>	<u>FY 2003</u>	<u>FY 2004</u>	<u>FY 2005</u>	<u>FY 2006</u>	
FD	CMAQ		80			
FD	H-STATE		20			
UTL	CMAQ		40			
UTL	H-STATE		10			
CON	HWY					5,000
Fiscal Year Total		<b>0</b>	<b>150</b>	<b>0</b>	<b>0</b>	<b>5,000</b>
<b>Total FY 03-06 Cost</b>					<b>150</b>	



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## Pennsylvania - Highway Program

### Philadelphia

**MPMS# 17828**      ***I-95/International Airport Ramp Revision***

TIP# 9745              I-95 Airport Interchange

Realignment/Construction

AQ Code 2005M      Philadelphia, Tincum Twp.

Realignment of current SB I-95 Airport exit, new structure over I-95, creation of new NB direct I-95 Airport exit, and revisions to existing PA 291 to accommodate new Terminal 1.

This project also includes former TIP #7884 - Improvements to PA 291 at PA 420. This work includes signal improvements, construction of a right turn lane on PA 291 eastbound, and construction of a left turn lane on PA 291 westbound to improve the functioning and safety of this intersection. Concurrently, the Township will eliminate a portion of Powhattan St. and make another portion one-way to eliminate traffic conflicts at the PA 291/PA 420 intersection.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	DEMO	2,818				
CON	HWY	5,000				
CON	H-STATE	1,955				
Fiscal Year Total		<b>9,773</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
		<b>Total FY 03-06 Cost</b>			<b>9,773</b>	

**MPMS# 17829**      ***52nd/Lancaster Ave. Enhancements***

TIP# 9767

Streetscape

AQ Code X              Philadelphia

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.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	DEMO	1,200				
CON	GEN	250				
CON	LOCAL	50				
Fiscal Year Total		<b>1,500</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
		<b>Total FY 03-06 Cost</b>			<b>1,500</b>	

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## Pennsylvania - Highway Program

### Philadelphia

**MPMS# 17830**      **West Philadelphia Congestion Mitigation**  
 TIP# 9750              Woodland Ave. btw. 42nd & 46th Sts.  
 AQ Code X              Philadelphia

This project consists of converting a large portion of the abandoned Breyers ice cream plant into a parking area to serve students and public transit commuters. The 11 acre tract of land, adjacent to and owned by the University of the Sciences in Philadelphia, is located along 43rd St. and runs from Woodland Ave. to the Schuylkill River.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	DEMO		379			
CON	LOCAL		95			
Fiscal Year Total		0	474	0	0	0
		Total FY 03-06 Cost			474	

**MPMS# 17833**      **46th/Market Transportation System**

TIP# 9766  
 Streetscape  
 AQ Code X              Philadelphia

Streetscape improvements including, but not limited to, curbing, paving, shelters, traffic management striping, sidewalks, landscaping, and lighting. These improvements will be advanced in coordination with the Market Street Elevated Reconstruction Project and the City's streetscape plan.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	DEMO	1,120				
CON	GEN	233				
CON	LOCAL	47				
Fiscal Year Total		1,400	0	0	0	0
		Total FY 03-06 Cost			1,400	

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## Pennsylvania - Highway Program

### Philadelphia

MPMS# 46956 *North Delaware Ave.*  
 TIP# 9740 Lewis St. to Bridge St.  
 New Roadway Phase I  
 AQ Code 2015M Philadelphia

Construct a new roadway and a new bridge across Frankford Creek to improve access to I-95 and the Betsy Ross Bridge.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	DEMO	160				
FD	LOCAL	40				
UTL	DEMO		40			
UTL	LOCAL		10			
CON	DEMO			3,957		
CON	STU			1,643		
CON	LOCAL			1,400		
Fiscal Year Total		200	50	7,000	0	0
		Total FY 03-06 Cost			7,250	

### MPMS# 46958 *Philadelphia Naval Shipyard Access*

TIP# 9748  
 New bridge, access roadway  
 AQ Code X Philadelphia

New roadway construction and one new bridge. Extend Delaware Avenue.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	DEMO	172				
FD	LOCAL	43				
UTL	DEMO	40				
UTL	LOCAL	10				
ROW	DEMO	40				
ROW	LOCAL	10				
CON	DEMO			3,140		
CON	LOCAL			785		
Fiscal Year Total		315	0	3,925	0	0
		Total FY 03-06 Cost			4,240	

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## Pennsylvania - Highway Program

### Philadelphia

**MPMS# 46959**      ***I-95 Design Review Manager***  
 TIP# 9814              Race St. to Neshaminy Creek  
                                  Consultant Services  
 AQ Code X              Philadelphia

Secure the services of a design consultant to review approximately 100 structure plans as part of the I-95 reconstruction program.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
PE	BRIDGE				2,400	
PE	B-STATE				600	
FD	TBD					4,000
CON	TBD					50,000
Fiscal Year Total		0	0	0	3,000	54,000
		Total FY 03-06 Cost			3,000	

**MPMS# 46960**      ***Vine St. Pedestrian Bridge***  
 TIP# 9747              between 15th and 16th Sts.  
                                  Construct Pedestrian Bridge  
 AQ Code X              Philadelphia

Construction of a pedestrian bridge across Vine St., I-676 ramps, and Callowhill St.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
FD	DEMO		150			
FD	LOCAL		40			
CON	DEMO		800			
CON	LOCAL		200			
Fiscal Year Total		0	1,190	0	0	0
		Total FY 03-06 Cost			1,190	

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## Pennsylvania - Highway Program

### Philadelphia

**MPMS# 46961**      **Drexel Highway Research Facility**  
 TIP# 9751              Market St. near 30th St. Station  
                                  Construction of New Building/Research  
 AQ Code X              Philadelphia

This project consists of constructing a new facility to house the Drexel Intelligent Infrastructure Institute and related research and development programs. The building will showcase cutting-edge information support and management systems that are vital to modern transportation and safety research.

Special federal funding from congressional earmarks ("DEMO" funding) has been made available for this project through three different appropriations:

- \$1,026,344 ( TEA-21 Appropriation of \$1 million after RABA adjustment)
- \$992,000 (2001 Appropriation of \$1.250 million after adjustments)
- \$1,240,997 (2002 ITS Appropriation of \$1.5 million after adjustments)

The TEA-21 adjusted earmark includes \$880,000 for research and \$146,000 for building construction. As of 2-1-03, \$450,000 of this earmark had already been obligated and is not shown in the federal total (\$2.810 million) below. The \$2.810 million of DEMO funds programmed in FY03 includes the \$430,000 balance for research, with the remaining balance (\$2.380 million) available for construction. The Delaware River Port Authority will serve as the pass through agency for both the 2001 and 2002 appropriations.

At a total estimated cost of approximately \$40 million, Drexel is using a variety of funding sources as the local match for this project. Only the minimum local match required (20%) is indicated in the table below.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
CON	DEMO		2,810			
CON	LOCAL		703			
Fiscal Year Total		0	3,513	0	0	0
		Total FY 03-06 Cost			3,513	

**MPMS# 47394**      **I-95 at Levick St.**  
 TIP# 9757              Levick St. to Bleigh Ave.  
                                  Bridge and roadway reconstruction  
 AQ Code 2015M      Philadelphia

Reconstruct 8 bridges and 1.2 miles of roadway. Widen in area of Princeton-Cottman interchange to accommodate new southbound on-ramp from Cottman Ave. and northbound on-ramp from Milnor St.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
PE	DEMO		1,600			
PE	H-STATE		400			
ROW	DEMO			3,600		
ROW	H-STATE			900		
FD	DEMO				6,800	
FD	H-STATE				1,700	
CON	TBD					85,000
Fiscal Year Total		0	2,000	4,500	8,500	85,000
		Total FY 03-06 Cost			15,000	

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## Pennsylvania - Highway Program

### Philadelphia

**MPMS# 47783**      ***I-95, Bleigh-Academy***  
 TIP# 0511B      Bleigh Ave. to Academy Road  
                          Bridge and Roadway Reconstruction

AQ Code X

Reconstruction of six bridges and 1.2 miles of roadway.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
CON	SPIKE	13,500				
CON	BRIDGE	9,000				
CON	B-STATE	1,000				
CON	H-STATE	1,500				
CON	HWY		6,750			
CON	SAFETY		1,080			
CON	TOLL-MAT		270			
CON	BRIDGE		15,750			
CON	H-STATE		750			
CON	B-STATE		1,750			
CON	H-STATE		250			
CON	BRIDGE			6,300		
CON	HWY			2,700		
CON	H-STATE			300		
CON	B-STATE			700		
Fiscal Year Total		<b>25,000</b>	<b>26,600</b>	<b>10,000</b>	<b>0</b>	<b>0</b>
		<b>Total FY 03-06 Cost</b>			<b>61,600</b>	

**MPMS# 47811**      ***I-95, Orthodox-Levick***  
 TIP# 9759      Orthodox St. to Levick St.  
                          Bridge and roadway reconstruction  
 AQ Code 2015M      Philadelphia

Reconstruct 9 bridges and 1.1 miles of roadway. Relocate southbound off-ramp from existing location at James St. to new location at Carver St. Eliminate lane drops in northbound and southbound directions at Bridge St.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
PE	HWY	1,220				
PE	DEMO	1,180				
PE	H-STATE	431				
FD	BRIDGE		3,200			
FD	HWY		3,100			
FD	B-STATE		355			
FD	H-STATE		345			
ROW	DEMO			3,200		
ROW	H-STATE			800		
CON	TBD					75,000
Fiscal Year Total		<b>2,831</b>	<b>7,000</b>	<b>4,000</b>	<b>0</b>	<b>75,000</b>
		<b>Total FY 03-06 Cost</b>			<b>13,831</b>	

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## Pennsylvania - Highway Program

### Philadelphia

MPMS# 47812 *I-95, W heatsheaf-Orthodox*  
 TIP# 9760 W heatsheaf Lane to Orthodox St.  
 Bridge and roadway reconstruction  
 AQ Code 2015M Philadelphia

Reconstruct 9 bridges and .1 mile of roadway. Eliminate lane drops associated with Betsy Ross Bridge.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
PE	DEMO	2,400				
PE	H-STATE	600				
FD	DEMO			6,400		
FD	H-STATE			1,600		
ROW	DEMO				3,200	
ROW	H-STATE				800	
CON	TBD					80,000
Fiscal Year Total		<b>3,000</b>	<b>0</b>	<b>8,000</b>	<b>4,000</b>	<b>80,000</b>
		<b>Total FY 03-06 Cost</b>			<b>15,000</b>	

MPMS# 47813 *I-95, Ann-W heatsheaf*  
 TIP# 9761 Ann St. to W heatsheaf Lane  
 Bridge and roadway reconstruction  
 AQ Code X Philadelphia

Reconstruct 10 bridges and .9 miles of roadway.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
PE	DEMO	2,400				
PE	H-STATE	600				
FD	DEMO			5,600		
FD	H-STATE			1,400		
ROW	DEMO				4,000	
ROW	H-STATE				1,000	
CON	TBD					35,000
Fiscal Year Total		<b>3,000</b>	<b>0</b>	<b>7,000</b>	<b>5,000</b>	<b>35,000</b>
		<b>Total FY 03-06 Cost</b>			<b>15,000</b>	

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## Pennsylvania - Highway Program

### Philadelphia

**MPMS# 48191**      **Germantown Ave: 1-Ashmead Pl. to Coulter**  
 TIP# 9741              2- Allens La. to Cresheim Valley Dr.  
                                  Roadway Reconstruction  
 AQ Code X              Philadelphia

Reconstruct roadway and replace trolley tracks.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	STU	320				
FD	H-STATE	80				
PE	STU		512			
PE	H-STATE		128			
UTL	STU		40			
UTL	H-STATE		10			
ROW	STU		160			
ROW	H-STATE		40			
CON	TBD					4,000
Fiscal Year Total		<b>400</b>	<b>890</b>	<b>0</b>	<b>0</b>	<b>4,000</b>
<b>Total FY 03-06 Cost</b>					<b>1,290</b>	

**MPMS# 48193**      **Allen's Lane (Bridge)**  
 TIP# 9743              over SEPTA (S. of Germantown Ave.)  
                                  Bridge Replacement  
 AQ Code X              Philadelphia

Replacement of existing structure and related work.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
UTL	BRIDGE	40				
UTL	B-STATE	10				
PE	BRIDGE		80			
PE	B-STATE		20			
UTL	BRIDGE		40			
UTL	B-STATE		10			
FD	BRIDGE			208		
FD	B-STATE			52		
ROW	BRIDGE			420		
ROW	B-STATE			105		
CON	TBD					1,501
Fiscal Year Total		<b>50</b>	<b>150</b>	<b>785</b>	<b>0</b>	<b>1,501</b>
<b>Total FY 03-06 Cost</b>					<b>985</b>	



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## Pennsylvania - Highway Program

### Philadelphia

**MPMS# 48194**      **Belfield Ave. (Signals)**  
 TIP# 9754              Old York Rd. to Wister St.  
                                  Corridor Optimization  
 AQ Code 2005M      Philadelphia

Signal modernization at 8 intersections, channelization, pavement markings, and related work, including provisions for bicycle accommodation and enhanced pedestrian flow.

		TIP Program Years (\$ 000)				Later FYs
Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
UTL	CMAQ	40				
UTL	LOCAL	10				
CON	CMAQ			880		
CON	LOCAL			220		
Fiscal Year Total		<b>50</b>	<b>0</b>	<b>1,100</b>	<b>0</b>	<b>0</b>
		<b>Total FY 03-06 Cost</b>			<b>1,150</b>	

**MPMS# 48195**      **Tyson Ave. (Signals)**  
 TIP# 9755              Rising Sun Ave. to Torresdale Ave.  
                                  Corridor Optimization  
 AQ Code 2005M      Philadelphia

Signal modernization at 21 intersections, pavement markings, provisions for bicycles, improved pedestrian crosswalks, signal interconnection, minor work on five recently completed intersections, and related work.

		TIP Program Years (\$ 000)				Later FYs
Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
DES	CMAQ	44				
DES	LOCAL	11				
FD	CMAQ		16			
FD	LOCAL		4			
CON	CMAQ					1,440
CON	LOCAL					360
Fiscal Year Total		<b>55</b>	<b>20</b>	<b>0</b>	<b>0</b>	<b>1,800</b>
		<b>Total FY 03-06 Cost</b>			<b>75</b>	

**MPMS# 50522**      **Manayunk Recreation Path - Phase II**  
 TIP# 9768  
                                  Construct Trail  
 AQ Code X              Philadelphia

Completion of the unfinished segment of the East Fairmount Park recreation trail: Ridge Ave./Main St. link to Valley Forge.

		TIP Program Years (\$ 000)				Later FYs
Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
UTL	LOCAL		50			
CON	H-TE			800		
CON	LOCAL			200		
Fiscal Year Total		<b>0</b>	<b>50</b>	<b>1,000</b>	<b>0</b>	<b>0</b>
		<b>Total FY 03-06 Cost</b>			<b>1,050</b>	

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## Pennsylvania - Highway Program

### Philadelphia

MPMS# 50523 *Westbank Greenway - Phase 2*

TIP# 9770

AQ Code X Philadelphia

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.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	H-TE	1,500				
Fiscal Year Total		1,500	0	0	0	0
			Total FY 03-06 Cost		1,500	

MPMS# 50575 *I-95 Levick St. Structure*

TIP# 0511A

AQ Code X

Westmoreland St. Viaduct  
 Bridge & Roadway Recon., Sign Upgrade  
 Philadelphia City

Reconstruction of the Westmoreland St. viaduct and the Levick St. bridge (2 bridges), and signing upgrades.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	BRIDGE	5,153				
CON	H-STATE	1,288				
Fiscal Year Total		6,441	0	0	0	0
			Total FY 03-06 Cost		6,441	

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## Pennsylvania - Highway Program

### Philadelphia

MPMS# 50931 *I-76 / US 1(Bridges)*  
 TIP# 9773 Gustine Lake Interchange  
 Bridge Replacements  
 AQ Code X Philadelphia

In kind replacement of five bridges.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	Later FYs
PE	BRIDGE		576			
PE	B-STATE		144			
FD	BRIDGE					560
FD	B-STATE					140
UTL	BRIDGE					40
UTL	B-STATE					10
ROW	BRIDGE					400
ROW	B-STATE					100
CON	BRIDGE					1,155
CON	B-STATE					289
CON	TBD					6,556
Fiscal Year Total		0	720	0	0	9,250
		Total FY 03-06 Cost			720	

### MPMS# 51075 *Mast Arm Evaluation*

TIP# 9772  
 AQ Code X Philadelphia

This effort will entail the evaluation of current traffic signal mast arms, many of which are approaching 20-30 years of age, to determine the remaining useful life and condition. Remedial efforts and possible alternate pole materials will be reviewed.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	Later FYs
PE	STU	68				
PE	LOCAL	17				
Fiscal Year Total		85	0	0	0	0
		Total FY 03-06 Cost			85	

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## Pennsylvania - Highway Program

### Philadelphia

MPMS# 51214 *Woodhaven Rd.(Noise Walls)*

TIP# 9815

Noise Walls

AQ Code X

Philadelphia

Construct noise walls on the north side of Woodhaven Rd. from Byberry Rd. to Thornton Rd. and on the south side from Normandy Homes to Norcum St.

\$5.104 million shifted to MPMS#17663 for noise walls.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	H-STATE					
Fiscal Year Total		0	0	0	0	0
Total FY 03-06 Cost					0	

MPMS# 56768 *41st Street Bridge*

TIP# 9816

over Amtrak's Harrisburg Line

Bridge Replacement

AQ Code X

Philadelphia

Replacement of existing structure and related work.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
PE	BRIDGE		1,284			
PE	B-STATE		241			
PE	LOCAL		80			
UTL	BRIDGE		316			
UTL	B-STATE		59			
UTL	LOCAL		20			
CON	BRIDGE			4,800		
CON	B-STATE			900		
CON	LOCAL			300		
ROW	BRIDGE					1,200
ROW	B-STATE					225
ROW	LOCAL					75
Fiscal Year Total		0	2,000	6,000	0	1,500
Total FY 03-06 Cost					8,000	

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## Pennsylvania - Highway Program

### Philadelphia

**MPMS# 57268**      **Sedgley Avenue (Bridge)**  
 TIP# 9777            over Conrail (W. of 3rd Street)  
                          Bridge Removal  
 AQ Code X           Philadelphia

Removal of bridge, fill of area, repaving.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006
CON	BRIDGE		800		
CON	B-STATE		150		
CON	LOCAL		50		
Fiscal Year Total		0	1,000	0	0
		Total FY 03-06 Cost			1,000

**MPMS# 57273**      **Ontario Street (Bridge)**  
 TIP# 9779            over Conrail (east of 5th Street)  
                          Bridge Removal  
 AQ Code X           Philadelphia

Removal of bridge, fill of area, repaving.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006
ROW	BRIDGE	80			
ROW	B-STATE	15			
ROW	LOCAL	5			
CON	BRIDGE		800		
CON	B-STATE		150		
CON	LOCAL		50		
Fiscal Year Total		100	1,000	0	0
		Total FY 03-06 Cost			1,100

**MPMS# 57275**      **Hunting Park Avenue (Bridge)**  
 TIP# 9780            over Conrail (east of 5th Street)  
                          Bridge Removal  
 AQ Code X           Philadelphia

Removal of bridge, fill of area, repaving.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006
ROW	BRIDGE	80			
ROW	B-STATE	15			
ROW	LOCAL	5			
CON	BRIDGE			960	
CON	B-STATE			180	
CON	LOCAL			60	
Fiscal Year Total		100	0	1,200	0
		Total FY 03-06 Cost			1,300

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## Pennsylvania - Highway Program

### Philadelphia

**MPMS# 57276**      **Montgomery Avenue (Bridge)**  
 TIP# 9776            over Amtrack (at 30th Street)  
                          Bridge Replacement  
 AQ Code X          Philadelphia

Replacement of a 5 span, 215' wide bridge built in 1913. Build new structure and perform related roadway work.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	BRIDGE		560			
FD	B-STATE		105			
FD	LOCAL		35			
ROW	BRIDGE			1,200		
ROW	B-STATE			225		
ROW	LOCAL			75		
CON	BRIDGE				5,600	
CON	B-STATE				1,050	
CON	LOCAL				350	
Fiscal Year Total		0	700	1,500	7,000	0
			<b>Total FY 03-06 Cost</b>		<b>9,200</b>	

**MPMS# 57278**      **Rising Sun Avenue (Bridge)**  
 TIP# 9782            over Conrail (at 2nd Street)  
                          Bridge Removal  
 AQ Code X          Philadelphia

Removal of bridge, fill of area, repaving.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
PE	BRIDGE		48			
PE	B-STATE		9			
PE	LOCAL		3			
CON	BRIDGE				960	
CON	B-STATE				180	
CON	LOCAL				60	
Fiscal Year Total		0	60	0	1,200	0
			<b>Total FY 03-06 Cost</b>		<b>1,260</b>	

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## Pennsylvania - Highway Program

### Philadelphia

**MPMS# 57333**      *Independence Transportation Center*  
 TIP# 9774              5th St. between Race St. and Arch St.  
 AQ Code X

This project will coordinate charter and tour bus arrivals and departures to and from Independence Mall through the construction of a well-designed loading and unloading facility.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
PD	CMAQ		480			
PD	LOCAL		120			
Fiscal Year Total		0	600	0	0	0
		Total FY 03-06 Cost			600	

**MPMS# 57334**      *Erie Avenue (Bridge)*  
 TIP# 9781              over Conrail (east of 4th Street)  
                                 Bridge Removal  
 AQ Code X              Philadelphia

Removal of bridge, fill of area, repaving.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
ROW	BRIDGE		96			
ROW	B-STATE		18			
ROW	LOCAL		6			
CON	TBD					1,800
Fiscal Year Total		0	120	0	0	1,800
		Total FY 03-06 Cost			120	

**MPMS# 57335**      *Chestnut Street (Bridge, Streetscape)*  
 TIP# 9763              over I-95 and Columbus Blvd.  
                                 Streetscape Improvements  
 AQ Code X              Philadelphia

Rehabilitation of existing sidewalks, lighting modernization, and the addition of streetscape elements to complement the Penns Landing development.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
CON	STU				880	
CON	LOCAL				220	
Fiscal Year Total		0	0	0	1,100	0
		Total FY 03-06 Cost			1,100	

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## Pennsylvania - Highway Program

### Philadelphia

**MPMS# 57874**      **I-95 @Vine Street**  
 TIP# 9813            Vine Street Interchange  
                           Rehab., Recon., Operational Imp.  
 AQ Code X            Philadelphia

Structure rehabilitation, roadway reconstruction, and operational improvements.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
ROW	HWY				7,200	
ROW	H-STATE				800	
CON	TBD					40,000
Fiscal Year Total		0	0	0	8,000	40,000
<b>Total FY 03-06 Cost</b>					<b>8,000</b>	

**MPMS# 57893**      **Lehigh Ave. East (Signals)**  
 TIP# 9800A            Richmond St. to Broad St.  
                           Signal Modernization  
 AQ Code 2015M      North Phila., Kensington, Port Richmond

Signal modernization (23 intersections), minor roadway improvements, pavement markings and related work.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
PE	HWY	140				
PE	LOCAL	35				
CON	STU					2,080
CON	LOCAL					520
Fiscal Year Total		175	0	0	0	2,600
<b>Total FY 03-06 Cost</b>					<b>175</b>	

**MPMS# 57894**      **Stenton Ave. and Godfrey Ave. (Signals)**  
 TIP# 9801            Ch. Hill, Mt Airy, Fern Rock, Crescentvl  
                           Signal Modernization  
 AQ Code 2015M      Chestnut Hill, Mount Airy, Fern Rock, Crescentville

Stenton Avenue – Paper Mill Road to Broad Street  
 Godfrey Avenue – Broad Street to Front Street

Signal modernization (30 intersections), minor roadway improvements, pavement markings and related work.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	HWY	160				
FD	LOCAL	40				
CON	HWY					3,200
CON	LOCAL					800
Fiscal Year Total		200	0	0	0	4,000
<b>Total FY 03-06 Cost</b>					<b>200</b>	



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## Pennsylvania - Highway Program

### Philadelphia

**MPMS# 57895**      **3rd Highway District "3R"**

TIP# 9802

Reconstruction/Restoration/Resurfacing

AQ Code X

Center City Philadelphia

Milling/resurfacing/restoration of existing roadways, minor drainage improvements, guide rail, pavement markings and related work

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	HWY		2,840			
CON	LOCAL		710			
Fiscal Year Total		0	3,550	0	0	0
		Total FY 03-06 Cost			3,550	

**MPMS# 57897**      **Haverford Ave. (Signals)**

TIP# 9804

40th St. to City Ave.

Signal Modernization

AQ Code 2015M

West Philadelphia

Signal modernization (33 intersections), minor roadway improvements, pavement markings and related work.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	HWY	88				
FD	LOCAL	22				
CON	HWY			3,040		
CON	LOCAL			760		
Fiscal Year Total		110	0	3,800	0	0
		Total FY 03-06 Cost			3,910	

**MPMS# 57898**      **Lancaster Ave. (Signals)**

TIP# 9805

45th St. to City Ave.

Signal Modernization

AQ Code 2015M

West Philadelphia

Signal modernization (14 intersections), minor roadway improvements, pavement markings and related work.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
PE	HWY	68				
PE	LOCAL	17				
FD	HWY		120			
FD	LOCAL		30			
CON	HWY			1,120		
CON	LOCAL			280		
Fiscal Year Total		85	150	1,400	0	0
		Total FY 03-06 Cost			1,635	

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## Pennsylvania - Highway Program

### Philadelphia

**MPMS# 57899** *Germantown Ave. over Cresheim Crk-Bridge*

TIP# 9806 south of Cresheim Valley Dr.

Bridge Replacement

AQ Code X Mount Airy

Replacement of existing structure and related work.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	BRIDGE	160				
FD	B-STATE	30				
FD	LOCAL	10				
UTL	BRIDGE	40				
UTL	B-STATE	8				
UTL	LOCAL	2				
ROW	BRIDGE		80			
ROW	B-STATE		15			
ROW	LOCAL		5			
CON	TBD					800
Fiscal Year Total		<b>250</b>	<b>100</b>	<b>0</b>	<b>0</b>	<b>800</b>
					<b>Total FY 03-06 Cost</b>	<b>350</b>

**MPMS# 57901** *Lincoln Drive*

TIP# 9808 Ridge to Wissahickon

Reconstruction/Restoration/Resurfacing

AQ Code X Philadelphia

Milling/resurfacing/restoration of existing roadways, minor drainage improvements, guide rail, pavement markings and related work.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
PE	HWY	80				
PE	LOCAL	20				
FD	HWY		80			
FD	LOCAL		20			
CON	HWY			1,760		
CON	LOCAL			440		
Fiscal Year Total		<b>100</b>	<b>100</b>	<b>2,200</b>	<b>0</b>	<b>0</b>
					<b>Total FY 03-06 Cost</b>	<b>2,400</b>

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## Pennsylvania - Highway Program

### Philadelphia

**MPMS# 57902**      *City Wide 3R, Phase V*  
 TIP# 9809            City-wide  
                           Reconstruction/Restoration/Resurfacing  
 AQ Code X           Philadelphia

Milling/resurfacing/restoration of existing roadways, minor drainage improvements, guide rail, pavement markings and related work.

		TIP Program Years (\$ 000)				Later FYs
Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
PE	HWY	80				
PE	LOCAL	20				
CON	HWY					1,760
CON	LOCAL					440
Fiscal Year Total		100	0	0	0	2,200
		Total FY 03-06 Cost			100	

**MPMS# 57903**      *City Wide 3R, Phase VI*  
 TIP# 9810            City-wide  
                           Reconstruction/Restoration/Resurfacing  
 AQ Code X           Philadelphia

Milling/resurfacing/restoration of existing roadways, minor drainage improvements, guide rail, pavement markings and related work.

		TIP Program Years (\$ 000)				Later FYs
Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	HWY		80			
FD	LOCAL		20			
Fiscal Year Total		0	100	0	0	0
		Total FY 03-06 Cost			100	

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## Pennsylvania - Highway Program

### Philadelphia

**MPMS# 57904**      **PA 291, Platt Bridge**  
 TIP# 9811            over Schuylkill River  
                          Bridge Painting (Preventive Maintenance)  
 AQ Code X           Philadelphia

Paint existing structure.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
PE	BR*	160				
PE	BRIDGE	400				
PE	B-STATE	100				
FD	BRIDGE			800		
FD	B-STATE			200		
UTL	BRIDGE			40		
UTL	B-STATE			10		
ROW	BRIDGE			40		
ROW	B-STATE			10		
CON	TBD					13,000
Fiscal Year Total		<b>660</b>	<b>0</b>	<b>1,100</b>	<b>0</b>	<b>13,000</b>
		<b>Total FY 03-06 Cost</b>			<b>1,760</b>	

**MPMS# 57905**      **I-95 Sludge Lagoons**  
 TIP# 9812            Structures within the Sludge Lagoons  
                          Protection of Structures  
 AQ Code X           Philadelphia

Cathodic protection of I-95 structures within the sludge lagoons operated by the City of Philadelphia Water Department. Sludge lagoons are a threat to the structural integrity of the I-95 bridge.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
CON	HWY	647				
CON	H-STATE	162				
CON	HWY		503			
CON	H-STATE		126			
Fiscal Year Total		<b>809</b>	<b>629</b>	<b>0</b>	<b>0</b>	<b>0</b>
		<b>Total FY 03-06 Cost</b>			<b>1,438</b>	

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## Pennsylvania - Highway Program

### Philadelphia

MPMS# 59402      *Arterial Interconnect #2 (Q16)*  
 TIP# 9797

AQ Code 20150      Traffic Signals  
                          Philadelphia

Installation of fiber optic cable and new solid state traffic controllers to coordinate existing traffic signals on various corridors (22nd St., 29th St., C.B. Moore Ave., Mascher St., Wayne Ave., and Wynnefield Ave.)

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
FD	LOCAL	70				
CON	CMAQ				1,835	
Fiscal Year Total		70	0	0	1,835	0
		Total FY 03-06 Cost			1,905	

MPMS# 59446      *Tioga Marine Terminal (Q21)*

TIP# 9798      N. Delaware Ave., Tioga Street  
 Intermodal Transfer Expansion & Rail Imp.

AQ Code X      Philadelphia

Add 2220 feet of track on two spurs at the north end of the terminal, improving the rail infrastructure necessary to facilitate on-dock rail operations. Add rail trackage and spurs needed due to new construction at the terminal which blocks existing rail access.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
CON	CMAQ			400		
CON	LOCAL			100		
Fiscal Year Total		0	0	500	0	0
		Total FY 03-06 Cost			500	

MPMS# 61712      *Kensington and Tacony*

TIP# 9792      Rail with Trail  
 Construct Trail

AQ Code X      Philadelphia

Construction of a multi-use trail.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
PE	LOCAL		50			
CON	TOLL-MAT				100	
CON	H-TE				400	
Fiscal Year Total		0	50	0	500	0
		Total FY 03-06 Cost			550	

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## Pennsylvania - Highway Program

### Philadelphia

**MPMS# 61713**      ***I-95/Christian St. (Ped. Enhancement)***

TIP# 9786      Pedestrian Improvement Project

Streetscape Improvements

AQ Code X      Philadelphia

Installation of streetscape improvements including pedestrian scale lighting, landscaping, pedestrian paths, and wall mural.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	TOLL-MAT		16			
CON	H-TE		64			
Fiscal Year Total		0	80	0	0	0
		Total FY 03-06 Cost			80	

**MPMS# 61714**      ***Restoration of the Manayunk Canal***

TIP# 9787

AQ Code X      Philadelphia

Engineering and design for historic restoration of sluice house and three locks to operating condition.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	H-TE		214			
FD	LOCAL		54			
CON	TBD					500
Fiscal Year Total		0	268	0	0	500
		Total FY 03-06 Cost			268	

**MPMS# 61717**      ***Fairmount Water Works Dock***

TIP# 9789

AQ Code X      Philadelphia

Reconstruction of the ferry dock at the Fairmount Water Works, to restore marine transportation to the lower Schuylkill River.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	H-TE					400
Fiscal Year Total		0	0	0	0	400
		Total FY 03-06 Cost			0	

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## Pennsylvania - Highway Program

### Philadelphia

**MPMS# 62694**      **Passyunk Avenue Drawbridge**  
 TIP# 9819              over the Schuylkill River  
                              Bridge Rehabilitation  
 AQ Code X              Philadelphia

Mechanical repairs to the hardware that operates the opening of the bridge.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
PE	BRIDGE	280				
PE	B-STATE	70				
UTL	BRIDGE		40			
UTL	B-STATE		10			
CON	BRIDGE			2,000		
CON	B-STATE			500		
Fiscal Year Total		<b>350</b>	<b>50</b>	<b>2,500</b>	<b>0</b>	<b>0</b>
Total FY 03-06 Cost					<b>2,900</b>	

**MPMS# 62717**      **Lehigh Ave. West (signals)**  
 TIP# 9800B              Ridge Ave. to Broad St.  
                              Signal Modernization  
 AQ Code 2015M        North Phila., Kensington, Port Richmond

Signal modernization (18 intersections), minor roadway improvements, pavement markings and related work.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
PE	HWY	228				
PE	LOCAL	57				
CON	HWY			1,760		
CON	LOCAL			440		
Fiscal Year Total		<b>285</b>	<b>0</b>	<b>2,200</b>	<b>0</b>	<b>0</b>
Total FY 03-06 Cost					<b>2,485</b>	

**MPMS# 64802**      **Hunting Park Avenue (Signals)**  
 TIP# P01                Broad Street to Torresdale Avenue  
                              Signal Improvement  
 AQ Code 2015M        Philadelphia

Signal modernization at 20 intersections, minor roadway improvements, pavement markings and related work.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	LOCAL	200				
CON	TBD					800
Fiscal Year Total		<b>200</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>800</b>
Total FY 03-06 Cost					<b>200</b>	

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## Pennsylvania - Highway Program

### Philadelphia

**MPMS# 64804**      *Delaware Avenue (Signals)*  
 TIP# P02              Oregon Avenue to Race Street  
                                 Signal Improvement  
 AQ Code 2015M      Philadelphia

Coordinate existing traffic signals at 15 intersections along the corridor by installing fiber optic cable and new solid state traffic controllers.

		TIP Program Years (\$ 000)				Later FYs
Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	LOCAL	100				
CON	CMAQ				500	
Fiscal Year Total		100	0	0	500	0
		Total FY 03-06 Cost			600	

**MPMS# 64805**      *City Wide Sidewalk Bumpouts*  
 TIP# P03              City wide  
                                 Pedestrian Safety  
 AQ Code X              Philadelphia

This project will fund the design and installation of bumpouts at selected intersections throughout the city.

		TIP Program Years (\$ 000)				Later FYs
Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	STU		160			
FD	LOCAL		40			
CON	TBD					1,000
Fiscal Year Total		0	200	0	0	1,000
		Total FY 03-06 Cost			200	

**MPMS# 64806**      *34th Street (Signals)*  
 TIP# P04              Mantua Avenue to Spruce Street  
                                 Signal Improvement  
 AQ Code 2015M      Philadelphia

Signal modernization , minor roadway improvements, pavement markings and related work at 9 intersections.

		TIP Program Years (\$ 000)				Later FYs
Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	LOCAL		150			
CON	TBD					600
Fiscal Year Total		0	150	0	0	600
		Total FY 03-06 Cost			150	



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## Pennsylvania - Highway Program

### Philadelphia

**MPMS# 64807**      **Wyoming Avenue (Signals)**  
 TIP# P05              Belfield Avenue to Castor Avenue  
                              Signal Improvement  
 AQ Code 2015M      Philadelphia

Signal modernization, transit coordination, minor roadway improvements, pavement markings and related work at 12 intersections.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
FD	LOCAL		200			
CON	TBD					1,000
Fiscal Year Total		0	200	0	0	1,000
		Total FY 03-06 Cost			200	

**MPMS# 64808**      **Whitaker Avenue/B Street (Signals)**  
 TIP# P06              Allegheny Avenue to Roosevelt Boulevard  
                              Signal Improvement  
 AQ Code 2015M      Philadelphia

Signal modernization, minor roadway improvements, pavement markings and related work at 15 intersections.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
FD	LOCAL		200			
CON	TBD					900
Fiscal Year Total		0	200	0	0	900
		Total FY 03-06 Cost			200	

**MPMS# 64817**      **Red Lion Road (Bridge)**  
 TIP# P21              Over Poquessing Creek  
                              Bridge Reconstruction  
 AQ Code X              Philadelphia

Reconstruction of the Red Lion Road bridge over Poquessing Creek.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
PE	BRIDGE	368				
PE	B-STATE	69				
PE	LOCAL	23				
FD	TBD					250
CON	TBD					2,300
Fiscal Year Total		460	0	0	0	2,550
		Total FY 03-06 Cost			460	

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## Pennsylvania - Highway Program

### Philadelphia

**MPMS# 64818**      **Edison Avenue Bridge**  
 TIP# P18              Over Poquessing Creek  
                             Bridge Reconstruction  
 AQ Code X            Philadelphia

Reconstruction of the Edison Avenue bridge over Poquessing Creek.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
PE	BRIDGE	184				
PE	B-STATE	35				
PE	LOCAL	11				
FD	TBD					125
CON	TBD					1,150
Fiscal Year Total		<b>230</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,275</b>
<b>Total FY 03-06 Cost</b>					<b>230</b>	

**MPMS# 64819**      **Maple Avenue Bridge**  
 TIP# P19              Over Poquessing Creek  
                             Bridge Reconstruction  
 AQ Code X            Philadelphia

Reconstruction of the Maple Avenue bridge over Poquessing Creek.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
PE	BRIDGE	184				
PE	B-STATE	35				
PE	LOCAL	11				
FD	TBD					125
CON	TBD					1,150
Fiscal Year Total		<b>230</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,275</b>
<b>Total FY 03-06 Cost</b>					<b>230</b>	

**MPMS# 64820**      **Whitney Street Bridge**  
 TIP# P20              Over Poquessing Creek  
                             Bridge Reconstruction  
 AQ Code X            Philadelphia

Reconstruction of the Whitney Street bridge over Poquessing Creek.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
PE	BRIDGE	184				
PE	B-STATE	35				
PE	LOCAL	11				
FD	TBD					125
CON	TBD					1,150
Fiscal Year Total		<b>230</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,275</b>
<b>Total FY 03-06 Cost</b>					<b>230</b>	

# DVRPC FY 2003-2006 TIP for PA

Final Version

## Pennsylvania - Highway Program

### Philadelphia

**MPMS# 64844**      **30th Street Ramp**  
 TIP# P25              to I-676 East Bound  
                             Bridge Rehabilitation  
 AQ Code X            City of Philadelphia

Bridge rehabilitation.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
PE	B-STATE		650			
UTL	B-STATE		450			
FD	B-STATE			460		
CON	TBD					400
Fiscal Year Total		0	1,100	460	0	400
		Total FY 03-06 Cost			1,560	

**MPMS# 64849**      **Various Transportation Eng Projects**  
 TIP# P15              Various locations  
                             Engineering designs  
 AQ Code X            Philadelphia

This project will supplement existing programs and fund design efforts for new transportation projects consistent with the 'Betterment/3 R' program. The intent of a '3R' project is to make whatever improvements are necessary to bring the road up to current standards.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
PE	STU	400				
PE	LOCAL	100				
PE	STU		400			
PE	LOCAL		100			
Fiscal Year Total		500	500	0	0	0
		Total FY 03-06 Cost			1,000	

**MPMS# 65915**      **Pennsylvania Ave. Improvements**  
 TIP# 9830              Pedestrian Improvements  
 AQ Code X            Phila

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.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
ERC	H-TE		960			
Fiscal Year Total		0	960	0	0	0
		Total FY 03-06 Cost			960	

# DVRPC FY 2003-2006 TIP for PA

Final Version

## Pennsylvania - Highway Program

### Philadelphia

**MPMS# 67756**      ***I-95 Pre-Cast Bridge Parapets***

TIP#                      Philadelphia  
                                  Design Improvement

AQ Code X

Re-design of 19 structures on I-95 in Philadelphia, required to address safety issue of pre-cast concrete bridge parapets.

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

**Later FYs**

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	HWY		750			
Fiscal Year Total		0	750	0	0	0
<b>Total FY 03-06 Cost</b>					<b>750</b>	

**MPMS# 68066**      ***Adopt-A-Rack Program***

TIP#                      Bus Rack Sidewalk Installation

AQ Code X

As a result of the 2002 DVRPC Competitive CMAQ Program, \$320,000 CMAQ funds will be programmed in the future as appropriate for the purchase and installation of 2000 bicycle racks throughout the city over a two year period in various business districts. The City will install the racks and local business district organizations will oversee minor maintenance.

(CMAQ ID# PA02-001) (See MPMS #48201 for other projects selected as part of the 2002 Competitive Program.)

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

**Later FYs**

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
Fiscal Year Total		0	0	0	0	0
<b>Total FY 03-06 Cost</b>						

**MPMS# 68067**      ***Tidal Schuylkill River Greenway & Trail***

TIP#                      Locust St. and South St. Bridge  
                                  Land Acquisition for Bike Path

AQ Code X

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 of currently private parcels between Locust Street and the South Street Bridge/North for incorporation into the Tidal Schuylkill River Greenway and Trail. The project will provide 15,500 linear feet of greenway from the Fairmount Waterworks to the Grays Ferry/DuPont area. This project received CMAQ funding as part of a previous competitive program.

(CMAQ ID #PA02-004) (See MPMS #48201 for other projects selected as part of the 2002 Competitive Program.)

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

**Later FYs**

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
Fiscal Year Total		0	0	0	0	0
<b>Total FY 03-06 Cost</b>						

# DVRPC FY 2003-2006 TIP for PA

Final Version

## Pennsylvania - Highway Program

### Philadelphia

MPMS# 68068

**Cross-Dock Facility - PIDC**

TIP#

Philadelphia Food Distribution Center

Construction of a Railroad Cross-Dock

AQ Code X

As a result of the 2002 DVRPC Competitive CMAQ Program, \$200,000 CMAQ funds will be programmed in the future as appropriate for construction of a railroad boxcar-to-truck Cross Dock Transfer Terminal for transloading frozen/refrigerated food in the Philadelphia Food Distribution Center. The Philadelphia Industrial Development Corporation (PIDC) sponsored the project with the goal to eliminate long distance truck trips from interstate highways and local Philadelphia Streets by converting trips to rail boxcars. Using a newly constructed dock built especially to accommodate frozen or refrigerated goods, cargo would be transloaded from rail boxcars onto trucks for delivery to customers who lack sidings for direct rail access. Approximate location is south side of Pattison Ave., 100' west of Front Street.

(CMAQ ID# PA02-005) (See MPMS #48201 for other projects selected as part of the 2002 Competitive Program.)

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006
-------	------	---------	---------	---------	---------

Fiscal Year Total

0 0 0

0

Total FY 03-06 Cost

MPMS# 68070

**Packer Ave. Marine Terminal Gate Enhance**

TIP#

Marine Terminal, Delaware and Packer Ave

Gate Modernization

AQ Code X

As a result of the 2002 DVRPC Competitive CMAQ Program, \$420,000 CMAQ funds will be programmed in the future as appropriate for construction improvements to modernize the current gate structure, and purchase and installation of software and hardware to automate the gate process at the Packer Avenue Marine Terminal. Truck idling time will be reduced as vehicles enter and exit. Truck processing time and congestion in the terminal and on access roads will be reduced using automated equipment for surveillance, security, remote processing, and help/problem resolution.

(CMAQ ID# PA02-015) (See MPMS #48201 for other projects selected as part of the 2002 Competitive Program.)

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006
-------	------	---------	---------	---------	---------

Fiscal Year Total

0 0 0

0

Total FY 03-06 Cost

# DVRPC FY 2003-2006 TIP for PA

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## Pennsylvania - Highway Program

### Philadelphia

**MPMS# 68071**      **Rail Line Track- Former Phila Navy Yard**  
 TIP#                      Norfolk Southern RR, Pennrose to Broad  
                                  Reconstruction of Railroad Track

AQ Code X

As a result of the 2002 DVRPC Competitive CMAQ Program, \$1,153,300 CMAQ funds will be programmed in the future as appropriate for development of a new intermodal terminal at the former Philadelphia Navy Yard. The new facility is one of the projects planned by the city and state to redevelop the navy yard into a viable economic site. The goal is to eliminate long distance truck trips from interstate highways and local Philadelphia Streets by converting trips to rail boxcars. This facility would accommodate double stack trains by rebuilding 2.1 miles of track, the reconstruction of Lead Track 4 from Penrose to Broad Street, and reinstallation of track through the Broad Street overpass. The initial estimate is a removal of 150 over the road trucks daily being diverted from area roadways.

(CMAQ ID #PA02-031) (See MPMS #48201 for other projects selected as part of the 2002 Competitive Program.)

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
Fiscal Year Total		0	0	0	0	0
<b>Total FY 03-06 Cost</b>						

**MPMS# 68075**      **PhillyCarShare**  
 TIP#                      Car Sharing Program

AQ Code X

As a result of the 2002 DVRPC Competitive CMAQ Program, \$259,800 CMAQ funds have been programmed to contribute to the PhillyCar Share Program, a short term car rental program which allows participants to "pay as they go." The private non-profit provider focuses on low income communities in the city of Philadelphia, utilizes primarily hybrid-electric vehicles, and rents to members on an hourly basis (car sharing), using sophisticated reservation and monitoring systems. Members reserve a car on-line or via phone, walk to the designated vehicle in the neighborhood, use an electronic key to access a vehicle, and are tracked by an on-board computer for hours that they drive. Members share a fleet at the ratio of 20-30 people per vehicle. 44 vehicles in nine low income communities will encourage 1300 households to begin car sharing over a three year period, hoping to remove 840 cars from the road.

(CMAQ ID# PA02-032) (See MPMS #48201 for other projects selected as part of the 2002 Competitive Program.)

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	CMAQ		260			
CON	LOCAL		65			
Fiscal Year Total		0	325	0	0	0
<b>Total FY 03-06 Cost</b>					<b>325</b>	

# DVRPC FY 2003-2006 TIP for PA

Final Version

## Pennsylvania - Highway Program

### Philadelphia

**MPMS# 70014**      **Center City Signal Improvement Project3**  
 TIP#                      Northeast/Northwest quadrants of CtrCity  
                                  Traffic Signal Improvements  
 AQ Code X              Philadelphia

This is the final phase of the city's efforts to install a computerized traffic signal system throughout Center City Philadelphia. This phase (CCSIP3) will expand the project into the northeast and northwest quadrants of Center City, with limits from Spring Garden Street to Market Street, between the Delaware and Schuylkill Rivers. See MPMS # 17579 for Phase 1, and MPMS #17655 for Phase 2.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	HWY		150			
Fiscal Year Total		0	150	0	0	0
		Total FY 03-06 Cost			150	

**MPMS# 70220**      **Schuylkill River Park Ramp**  
 TIP#                      at South Street Bridge  
                                  Facilities for pedestrians and bicycles  
 AQ Code X              Philadelphia

Design of a pedestrian and bicycle ramp connecting the Schuylkill River Park Trail to the South Street Bridge. The project is located between the Schuylkill River's eastern bank and the CSX rail line, and from Lombard Street to South Street. 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) and the South Street Bridge (also see MPMS #'s 17724 and 70810).

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
PE	TCSP		100			
PE	LOCAL		400			
Fiscal Year Total		0	500	0	0	0
		Total FY 03-06 Cost			500	

**MPMS# 71709**      **I-76 Over Schuylkill River (Bridge)**  
 TIP#                      in the area of University Bridge  
                                  Bridge Repair  
 AQ Code X              Philadelphia

Recent inspections of the bridge revealed that load bearing members (connection angles and web plates) require immediate attention due to corrosion, and PENNDOT District has been authorized to use emergency bidding procedures.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	B-STATE		500			
Fiscal Year Total		0	500	0	0	0
		Total FY 03-06 Cost			500	

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## Pennsylvania - Highway Program

Philadelphia					
Total for Philadelphia	110,510	94,718	123,647	83,271	594,218
		Total FY 03-06 Cost	412,146		



# DVRPC FY 2003-2006 TIP for PA

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## Pennsylvania - Highway Program

### Various

**MPMS# 17876**      **Betterment Projects '3R'**  
 TIP# 0515              Regionwide  
                             Reconstruction/Restoration/Resurfacing  
 AQ Code X

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.

FY03 Initial Programming for Betterment Projects: STU \$12.5 million/NHS \$12.5 million/State \$6.250 million

Project dollars have been drawn down as needed for the following:  
 MPMS #16745 - PA 100, Farmington-Berks (Montgomery County)  
 MPMS #64276 - Schuylkill Bridge Repairs (Montgomery County)  
 MPMS #16695 - Church Rd, Washington-Willow Grove (Montgomery County)  
 MPMS #15484 - Foulk Rd, US 322-Delaware (Delaware County)  
 MPMS #13596 - Newtown Pike (Bucks County)  
 MPMS #14576 - US 30, 252-Delco Line (Chester County)  
 MPMS #50646 - Route 63, PA 113 - PA 29 (Montgomery County)

FY04 Initial Programming for Betterment Projects: STU \$12.5 million/NHS \$12.5 million/State \$6.250 million

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
CON	HWY					
CON	STU					
CON	S-MAINT	6,250				
CON	HWY		12,500			
CON	HWY					
CON	S-MAINT		6,250			
Fiscal Year Total		<b>6,250</b>	<b>18,750</b>	<b>0</b>	<b>0</b>	<b>0</b>
		<b>Total FY 03-06 Cost</b>			<b>25,000</b>	

**MPMS# 17891**      **TransitChek Mass Marketing Efforts**  
 TIP# 0521  
 AQ Code X              Various Municipalities

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
		FY 2003	FY 2004	FY 2005	FY 2006	
PRA	CMAQ	160				
PRA	LOCAL	40				
PRA	CMAQ		160			
PRA	LOCAL		40			
PRA	CMAQ			160		
PRA	LOCAL			40		
Fiscal Year Total		<b>200</b>	<b>200</b>	<b>200</b>	<b>0</b>	<b>0</b>
		<b>Total FY 03-06 Cost</b>			<b>600</b>	

# DVRPC FY 2003-2006 TIP for PA

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## Pennsylvania - Highway Program

### Various

**MPMS# 17900**      **Mobility Alternatives Program (MAP)**  
 TIP# 0532              and Share a Ride Program (SAR)  
 AQ Code X

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
		FY 2003	FY 2004	FY 2005	FY 2006	
PRA	CMAQ	654				
PRA	H-STATE	54				
PRA	LOCAL	109				
PRA	CMAQ		654			
PRA	H-STATE		54			
PRA	LOCAL		109			
PRA	CMAQ			654		
PRA	H-STATE			54		
PRA	LOCAL			109		
Fiscal Year Total		<b>817</b>	<b>817</b>	<b>817</b>	<b>0</b>	<b>0</b>
		<b>Total FY 03-06 Cost</b>			<b>2,451</b>	

**MPMS# 17928**      **Ozone Action Program**  
 TIP# 0563              Contract Services  
 AQ Code X

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
		FY 2003	FY 2004	FY 2005	FY 2006	
PRA	CMAQ	108				
PRA	H-STATE	20				
PRA	LOCAL	7				
PRA	CMAQ		120			
PRA	H-STATE		23			
PRA	LOCAL		8			
PRA	CMAQ			120		
PRA	H-STATE			23		
PRA	LOCAL			8		
Fiscal Year Total		<b>135</b>	<b>151</b>	<b>151</b>	<b>0</b>	<b>0</b>
		<b>Total FY 03-06 Cost</b>			<b>437</b>	

# DVRPC FY 2003-2006 TIP for PA

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## Pennsylvania - Highway Program

### Various

MPMS# 36927  
 TIP# 0517  
 AQ Code X

#### Railroad/Highway Grade Crossings Regionwide Improvements

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.

\$2.755 million drawn down for the Following Warning Device MPMS# Projects in Delaware County (6/26/03):

- #36711 - School Lane
- #36705 - Leamy Ave.
- #48860 - Wildell Ave.
- #36707 - Edmonds Ave (N)
- #36709 - Scenic Road
- #36724 - Pine Ridge Road
- #36700 - Springfield Rd.
- #36697 - Burmont Road.
- #36689 - Beatty Road
- #36687 - Saxer Ave
- #48859 - Woodland Ave
- #36723 - E. Thompson Rd.

\$775,000 Drawn down for the Following Warning Device MPMS# Projects in Chester, Bucks, Montgomery, and Delaware Counties (4/22/03):

- #69899- Lincoln Highway
- #69894- Newbold Road
- #69901- River Road
- #69896- Main Street

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	Later FYs
CON	SAFETY	2,000				
CON	SAFETY	885				
CON	SAFETY		2,000			
CON	SAFETY		110			
CON	SAFETY			885		
CON	SAFETY				885	
Fiscal Year Total		<b>2,885</b>	<b>2,110</b>	<b>885</b>	<b>885</b>	<b>0</b>
			<b>Total FY 03-06 Cost</b>		<b>6,765</b>	

# DVRPC FY 2003-2006 TIP for PA

Final Version

## Pennsylvania - Highway Program

### Various

**MPMS# 48197**      **CSX Trenton Line**  
 TIP# 0564              Park Junction to Delaware River  
                                  Clearance Improvement  
 AQ Code X              Various Municipalities

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.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	HWY		5,000			
CON	DEMO		2,464			
CON	LOCAL		5,215			
Fiscal Year Total		0	12,679	0	0	0
		Total FY 03-06 Cost			12,679	

**MPMS# 48198**      **Regional ITS Initiative**  
 TIP# 0568              Projects to be determined  
 AQ Code X

The DVRPC region is currently developing a regional architecture for the deployment of Intelligent Transportation System (ITS) elements. These elements include traveler information systems, automated traffic signal systems, signal preemption for transit, enhanced 911 systems, transportation control centers, and other applications of electronic technologies to transportation. As these elements mature and reach the implementation stage, this line item will provide the capital funding for their advancement.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	CMAQ			5,000		
CON	CMAQ				5,000	
Fiscal Year Total		0	0	5,000	5,000	0
		Total FY 03-06 Cost			10,000	

# DVRPC FY 2003-2006 TIP for PA

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## Pennsylvania - Highway Program

### Various

MPMS# 48199 *Transportation Management Associations*

TIP# 0569

AQ Code X

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. The TMAs had been funded by PennDOT in the past. PennDOT has now requested that the region fund these programs using CMAQ funding.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
PRA	CMAQ	768				
PRA	LOCAL	192				
PRA	CMAQ		768			
PRA	LOCAL		192			
PRA	CMAQ			768		
PRA	LOCAL			192		
Fiscal Year Total		<b>960</b>	<b>960</b>	<b>960</b>	<b>0</b>	<b>0</b>
			<b>Total FY 03-06 Cost</b>		<b>2,880</b>	

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## Pennsylvania - Highway Program

### Various

MPMS# 48201  
TIP# 0571  
AQ Code X

2002 DVRPC Competitive CMAQ Program-2  
TEA-21 Round 2

The Congestion Mitigation and Air Quality Improvement Program (CMAQ) was established by ISTEA and is continued under TEA-21. 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.

On April 24, 2003, the DVRPC Board selected 17 projects from PA for CMAQ funding as part of this program. Each PA project has been assigned an individual MPMS #:

1. Brandywine RR- Coatesville Transload/Intermodal Facility - \$316,400 (#68026)
2. PIDC Philadelphia Food Distribution Center Cross-Dock Facility - \$200,000 (#68068)
3. Norfolk Southern Rail Line Track To Former Phila. Navy Yard - \$1,153,300 (#68071)
4. SEPTA Philadelphia Naval Business Center Shuttle Bus - \$320,000 (#68069)
5. Packer Ave. Marine Terminal Gate Enhancement - \$420,000 (#68070)
6. Chalfont Borough Closed Loop Signal System - \$83,519 (#68022)
7. Lincoln Highway (Sr 3070) Closed Loop Signal System - \$753,798 (#68025)
8. PATCO Directional Signage In Philadelphia - \$100,000 (#68072)
9. City of Philadelphia Adopt-A-Bike-Rack Program - \$320,000 (#68066)
10. SEPTA--7 Alternative Fuel Hybrid (Electric/Diesel) Buses - \$1,451,044 (#68073)
11. Upper Darby Twp. (Rt. 1) Closed Loop Traffic Signal System - \$538,000 (#68027)
12. SEPTA--235 Emissions Reduction Devices - \$1,793,520 (#68074)
13. Ridge Pike Closed Loop Signal System (W. Norriton Twp.) - \$469,720 (#68065)
14. Tidal Schuylkill River Greenway And Trail - \$400,000 (#68067)
15. Ridge Pike Closed Loop System (Lower Providence Twp.) - \$599,420 (#68028)
16. Doylestown Community Bike And Hike System Extension - \$192,276 (#68024)
17. Regional Car Sharing - Philly Car Share - \$259,800 (#68075)

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, candidate projects were ranked and selected by the DVRPC Board.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	CMAQ	100				
CON	LOCAL	25				
CON	CMAQ				8,200	
CON	LOCAL				2,050	
Fiscal Year Total		125	0	0	10,250	0
			Total FY 03-06 Cost		10,375	

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## Pennsylvania - Highway Program

### Various

MPMS# 48202  
TIP# 0572  
AQ Code X

**Regional GIS Support**  
Pennsylvania Subregion

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.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
PRA	STU		468			
PRA	TOLL-MAT		117			
Fiscal Year Total		0	585	0	0	0
		Total FY 03-06 Cost			585	

MPMS# 51325  
TIP# 0594  
AQ Code X

**ITS Institutional Coordination (PRIMIS)**  
Regionwide

This three-phase project implements a Philadelphia Regional Integrated Multi-modal Information Sharing (PRIMIS) concept to provide a framework for institutional coordination of ITS in the Delaware Valley. This framework provides the region's ITS stakeholders opportunities to share and disseminate information on travel conditions and coordinate the regional deployment of ITS systems in the region.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
PE	CMAQ	480				
PE	H-STATE	120				
PE	CMAQ		480			
PE	H-STATE		120			
Fiscal Year Total		600	600	0	0	0
		Total FY 03-06 Cost			1,200	

# DVRPC FY 2003-2006 TIP for PA

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## Pennsylvania - Highway Program

### Various

**MPMS# 57622**      **Preventive Maintenance**  
 TIP# 0593              Regionwide  
 AQ Code X              Various

Typical components of a preventive maintenance (PM) project include work to extend the life of the existing pavement and/or structure through roadway resurfacing or bridge painting.

FY03 Initial Programming for Preventative Maint. Projects: STP\$16 million/Toll Credit \$4 million  
 FY04 Initial Programming for Preventative Maint. Projects: STP \$4 million/Toll Credit \$1 million  
 Project dollars have been drawn down as needed for the following:  
 MPMS #13760 - Bristol Rd, Levitowne-Yardley (Bucks County)  
 MPMS #14697 - US 30, PA 340-Business Rt. 30  
 MPMS #16736 - I-476, Amtrak to Matson Ford Rd.  
 MPMS #15506 - I-476, I-95 to MacDade Interchange

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
CON	TOLL-MAT					
CON	HWY					
Fiscal Year Total		0	0	0	0	0
		Total FY 03-06 Cost			0	

**MPMS# 57927**      **Regional Safety Initiatives**  
 TIP# 0592              Various locations regionwide  
 AQ Code X

PennDOT will undertake various hazard elimination treatments at locations across the five county region.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
CON	TOLL-MAT		130			
CON	HWY		520			
CON	HWY					800
CON	TOLL-MAT					200
Fiscal Year Total		0	650	0	0	1,000
		Total FY 03-06 Cost			650	

**MPMS# 60693**      **City Avenue-Manayunk Circulator**  
 TIP# 0590  
 AQ Code 2005O      Lower Merion Twp., Philadelphia

A shuttle bus that will operate along the City Avenue corridor from 63rd St. to the base of I-76, and across the Schuylkill River into Manayunk. Proposed schedule is seven days a week with extended evening hours on Friday and Saturday nights, with a service frequency of every 20 minutes.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
OP	CMAQ	320				
OP	LOCAL	80				
Fiscal Year Total		400	0	0	0	0
		Total FY 03-06 Cost			400	



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## Pennsylvania - Highway Program

### Various

MPMS# 62568 *Bridge Design Manager*

TIP# 0595

AQ Code X Various

Funding will be used for consultant services to oversee the state and 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.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
PE	BRIDGE		120			
PE	B-STATE		390			
Fiscal Year Total		0	510	0	0	0
		Total FY 03-06 Cost			510	

MPMS# 64652 *Transp. & Community Dev. Initiative-TCDI*

TIP# Projects to be Selected  
Planning, design, marketing, feasibility

AQ Code X

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. Forty-eight Pennsylvania municipalities and five Philadelphia City Planning Areas are listed as eligible communities, although others may request inclusion by documenting conditions and needs. Projects will be selected on a competitive basis and designated by the DVRPC Board.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
PE	STU	1,000				
PE	LOCAL	250				
Fiscal Year Total		1,250	0	0	0	0
		Total FY 03-06 Cost			1,250	

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## Pennsylvania - Highway Program

### Various

MPMS# 64814      *PA Employee Commuter Choice Program*  
 TIP# V01              Regionwide  
 AQ Code 2005O      Various

An eighteen month demonstration project that will allow state employees to participate in the Commuter Choice Program. The Commuter Choice Program will enable state employees to purchase transit passes through a pre-tax payroll deduction which will result in an approximately 35% savings. The Program will be available in Philadelphia, Pittsburgh, and Harrisburg and the cost shown here represents Philadelphia's share of the total cost. The project cost is for a third party administrator.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
PRA	CMAQ	137				
PRA	PTAF	34				
Fiscal Year Total		171	0	0	0	0
		Total FY 03-06 Cost			171	

MPMS# 64984      *FY03-06 Transportation Enhancements*  
 TIP# V02  
 AQ Code X              Transportation Enhancements  
                                     Various Municipalities

This line item sets aside the funding allocated by PennDOT for the Transportation Enhancements Program in the DVRPC region.  
  
 Another round of the TE Program is expected during 2004, with anticipated funding set aside in this TIP in fiscal years FY2005 and FY2006.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
PE	H-TE			4,526		
PE	LOCAL			1,168		
PE	H-TE				4,687	
PE	LOCAL				1,172	
Fiscal Year Total		0	0	5,694	5,859	0
		Total FY 03-06 Cost			11,553	

# DVRPC FY 2003-2006 TIP for PA

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## Pennsylvania - Highway Program

### Various

MPMS# 65109 *Transit Flex - SEPTA*  
 TIP# 0999  
 AQ Code X 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.

SEPTA has indicated that it will use these funds for the Bus Purchase Program (MPMS# 60286), which contains the rest of the funding.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
CAP	FLEX	17,083				
CAP	T-BOND	3,559				
CAP	LOCAL	712				
CAP	FLEX		17,083			
CAP	T-BOND		3,559			
CAP	LOCAL		712			
CAP	FLEX			17,083		
CAP	T-BOND			3,559		
CAP	LOCAL			712		
CAP	FLEX				17,083	
CAP	T-BOND				3,559	
CAP	LOCAL				712	
Fiscal Year Total		21,354	21,354	21,354	21,354	0
		Total FY 03-06 Cost			85,416	

### MPMS# 65924 *Controlling Outdoor Advertising*

TIP# 0603  
 Sign Removal  
 AQ Code X Various

The PA Resource Council will help communities in Bucks, Chester, Delaware, Montgomery and Philadelphia Counties remove illegal signs that do not require compensation.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
ERC	H-TE		88			
Fiscal Year Total		0	88	0	0	0
		Total FY 03-06 Cost			88	

# DVRPC FY 2003-2006 TIP for PA

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## Pennsylvania - Highway Program

### Various

**MPMS# 66460**      **TE Project Engineering / Management**  
 TIP# 0600              DVRPC  
 AQ Code X              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.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
ENG	H-TE	75				
ENG	H-STATE	19				
ENG	H-TE		150			
ENG	H-STATE		38			
Fiscal Year Total		<b>94</b>	<b>188</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total FY 03-06 Cost</b>					<b>282</b>	

**MPMS# 66461**      **CMAQ Project Engineering / Management**  
 TIP# 0601              DVRPC  
 AQ Code X              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.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
ENG	CMAQ		150			
ENG	H-STATE		38			
ENG	CMAQ			75		
ENG	H-STATE			19		
Fiscal Year Total		<b>0</b>	<b>188</b>	<b>94</b>	<b>0</b>	<b>0</b>
<b>Total FY 03-06 Cost</b>					<b>282</b>	

**MPMS# 67762**      **I-76 Pre-Cast Bridge Parapets**  
 TIP#                      Philadelphia and Montgomery County  
                                 Design Improvement  
 AQ Code X

Re-design of 27 structures on I-76 in Philadelphia and Montgomery County, required to address safety issue of pre-cast concrete bridge parapets.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
FD	HWY		750			
Fiscal Year Total		<b>0</b>	<b>750</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total FY 03-06 Cost</b>					<b>750</b>	

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## Pennsylvania - Highway Program

### Various

**MPMS# 70459**      *Traffic Signal Optimization*

TIP#

AQ Code X

DVRPC FY05 Work Program Task

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
PRA	STU		56			
PRA	H-STATE		14			
Fiscal Year Total		0	70	0	0	0
		Total FY 03-06 Cost			70	

**MPMS# 70461**      *Access Management Along PA Highways*

TIP#

Delaware Valley

AQ Code X

DVRPC FY05 Unified Work Program Task

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
PRA	STU		60			
PRA	H-STATE		15			
Fiscal Year Total		0	75	0	0	0
		Total FY 03-06 Cost			75	

**MPMS# 70462**      *Candidate Bridge Scoping*

TIP#

Various Counties

Preliminary Engineering

AQ Code X

This project would fund an environmental consultant to do preliminary engineering work for the 34 bridge candidates included in the Draft FY05 TIP update. In an attempt to shorten the lengthy project development process, early environmental investigations and background research would be performed.

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

Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
PE	B-STATE		300			
Fiscal Year Total		0	300	0	0	0
		Total FY 03-06 Cost			300	

**Total for Various**                      35,241              61,025              35,155              43,348              1,000

Total FY 03-06 Cost              174,769

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**FY 2003-2006**  
**Transportation Improvement Program**  
**Pennsylvania Subregion**

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**Transit Projects**  
**Final Version**



**Delaware Valley Regional Planning Commission**

# DVRPC FY 2003-2006 TIP for PA

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## Transit Program

**PennDOT**

**MPMS# 59917 HARRISBURG RAIL LINE IMPROVEMENTS**

TIP# PA01

AQ Code X

This project includes the rebuilding and rehabilitation of electric locomotives and coaches and infrastructure improvements along the line from Harrisburg to Philadelphia.

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

**Later FYs**

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	5307	4,100				
CON	5309	3,100				
CON	CB	1,800				
CON	5307		4,100			
CON	5309		3,100			
CON	CB		1,800			
CON	5307			4,100		
CON	5309			3,100		
CON	CB			1,800		
CON	5307				4,100	
CON	5309				3,100	
CON	CB				1,800	
Fiscal Year Total		<b>9,000</b>	<b>9,000</b>	<b>9,000</b>	<b>9,000</b>	<b>0</b>
		<b>Total FY 03-06 Cost</b>			<b>36,000</b>	

**MPMS# 62150 FTA SECTION 5310 PROGRAM**

TIP# PA03 Capital Assistance for Transportation of Elderly and Disabled Persons

AQ Code X

Provides capital assistance to private non-profit corporations that provide transportation services to senior citizens and persons with disabilities. Agencies listed for funding (80% federal funds/20% local match) in FY04 are noted:  
 Bucks County Transport, Inc. - \$183,300  
 Cerebral Palsy Assoc. of Chester County, Inc. - \$244,400  
 Children and Adult Disability and Educational Services - \$99,800  
 Community Transit of Delaware County, Inc. - \$224,400  
 Elwyn, Inc. - \$128,800  
 Intrecommunity Action - \$50,000  
 Jewish Employment and Vocational Services - \$81,600  
 Valley Foundation - \$109,600  
 Network - \$215,600  
 Lenape Suburban Transit  
 Wheels of Wellness, Inc. - \$80,800

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

**Later FYs**

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CAP	LOCAL	215				
CAP	5310	862				
CAP	LOCAL		284			
CAP	5310		1,135			
Fiscal Year Total		<b>1,077</b>	<b>1,419</b>	<b>0</b>	<b>0</b>	<b>0</b>
		<b>Total FY 03-06 Cost</b>			<b>2,496</b>	

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## Transit Program

### PennDOT

MPMS# 68546      **Section 5311 Cap. Assist.-2003 Funds**  
 TIP#                      Bus Terminal/Capitol Trailways  
                                  Construction Fit for Intercity Bus Term.  
 AQ Code X                Norristown

2003 Funds: Construction fit of a Capitol Trailways Intercity Bus Terminal on Fitzwatertown Road in Willow Grove. This project is a joint effort by Montgomery County and Capitol Trailways. The property owner will pay for and construct a new 25' x 23' intercity bus terminal on the piece of property currently used by Capitol Trailways. FY03 federal funds will be used for certain elements of the construction fit, specifically, an office/ticket booth area, small waiting room, and a unisex ADA compliant restroom.

See MPMS #71803 for the Capitol Trailways project selected for funding with FY04 funds.  
 (Section 5311 was formerly known as the Section 18 Program.)

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
CON	LOCAL	5				
CON	ACT10	21				
CON	5311	27				
FD	LOCAL		15			
FD	5311		60			
CON	LOCAL		66			
CON	5311		265			
Fiscal Year Total		<b>53</b>	<b>406</b>	<b>0</b>	<b>0</b>	<b>0</b>
			<b>Total FY 03-06 Cost</b>		<b>459</b>	
<b>Total for PennDOT</b>		<b>10,130</b>	<b>10,825</b>	<b>9,000</b>	<b>9,000</b>	<b>0</b>
			<b>Total FY 03-06 Cost</b>		<b>38,955</b>	



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## Transit Program

### Philadelphia

**MPMS# 68072**      **PATCO Directional Signage -Philadelphia**

TIP#                      Philadelphia PATCO Stations  
Signage

AQ Code   X

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.)

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

**Later FYs**

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
Fiscal Year Total		0	0	0	0	0
		<b>Total FY 03-06 Cost</b>				

**MPMS# 69708**      **Center City TMA Transit Circulator**

TIP#                      Art Museum to Penn's Landing  
Operations Assistance

AQ Code   X

Central Philadelphia Transportation Management Association (CPTMA) will serve as sponsor of a Center City transit circulator service. Operation of the service will be contracted out to a private operator. The service will function as a visitor and tourist loop running between the Art Museum and Penn's Landing and will connect many of the city's historic and cultural sites with major downtown transportation hubs. Federal funds for this project will be obtained by de-obligating funds from an old TIP project, MPMS #17685. This project will fund one year of operating expenses.

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

**Later FYs**

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
OPER	CMAQ		600			
OPER	DCEd		150			
Fiscal Year Total		0	750	0	0	0
		<b>Total FY 03-06 Cost</b>				<b>750</b>

<b>Total for Philadelphia</b>		<b>0</b>	<b>750</b>	<b>0</b>	<b>0</b>	<b>0</b>
		<b>Total FY 03-06 Cost</b>				<b>750</b>

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## Transit Program

### Pottstown

**MPMS# 59935**      **OPERATING ASSISTANCE**  
 TIP# PT010      POTTSTOWN URBAN TRANSIT  
 AQ Code X      Pottstown Boro.

This project covers the operating subsidies for the Pottstown Urban Transit System. Funds in this project may also be used for capital projects.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
OP	5307	610				
OP	CB	403				
OP	LOCAL	207				
OP	5307		610			
OP	CB		403			
OP	LOCAL		207			
OP	5307			610		
OP	CB			403		
OP	LOCAL			207		
Fiscal Year Total		1,220	1,220	1,220	0	0
		Total FY 03-06 Cost			3,660	

**MPMS# 65300**      **Bus Turn-Around Facility**  
 TIP# PT022      near Buchert Rd./Rolling Hills Dr.  
 AQ Code X      Lower Pottsgrove

Construct a bus turn-around facility in an adjacent township where a segment of the High St. route ends. Currently, the buses turn around by backing up into the driveway of a development.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
ROW	5307	28				
ROW	ACT26	6				
ROW	LOCAL	1				
CON	5307	120				
CON	ACT26	25				
CON	LOCAL	5				
Fiscal Year Total		185	0	0	0	0
		Total FY 03-06 Cost			185	

<b>Total for Pottstown</b>	<b>1,405</b>	<b>1,220</b>	<b>1,220</b>	<b>0</b>	<b>0</b>
		<b>Total FY 03-06 Cost</b>			<b>3,845</b>

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## Transit Program

### SEPTA

MPMS# 59941      **Wayne Junction to Glenside**  
 TIP# S006      Track and Signal Improvements  
 AQ Code X

This project provides for the upgrade of 7.5 miles of track and signals on SEPTA's commuter rail Main Line between Wayne Junction in the Germantown section of Philadelphia and Glenside in Montgomery County. Project elements include the construction of new motor alternator substations for the generation of signal power; the upgrade of the signal system between Wayne Junction and Glenside; the rehabilitation and reconfiguration of four major interlockings (Newtown Junction, Tabor, Jenkintown, and Carmel); tie renewal; drainage improvements; and other civil work between all interlockings.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CAP	5309	4,000				
CAP	CB	833				
CAP	LOCAL	167				
CAP	5309		5,600			
CAP	CB		1,167			
CAP	LOCAL		233			
CAP	5307			11,576		
CAP	CB			2,412		
CAP	LOCAL			482		
Fiscal Year Total		5,000	7,000	14,470	0	0
			Total FY 03-06 Cost		26,470	

MPMS# 59953      **Market-Frankford Infrastructure Imp.**  
 TIP# S007      69th Street Shop  
 AQ Code X

This project provides for the demolition and replacement of the Market-Frankford 69th Street Car Maintenance Shop and improvements to the adjacent railcar storage yard. The new facility will provide for efficient maintenance of the new M4 car fleet. Improvements include: 1) construction of new yard tracks to better maintain, service, repair and inspect the subway cars; 2) structure modifications to accommodate the maintenance of the heating and air conditioning systems of the new cars; 3) construction of new welding, steam cleaning, truck repair and centralized storage back shops; 4) construction of new offices, lockers, classrooms and lunchroom facilities; 5) electrical improvements in the shop; 6) construction of a new stinger system to provide traction and vehicle power for the M4 cars while in the shop; 7) total renewal of the railcar storage yard; and 8) a new exterior carwash unit.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CAP	5307	3,017				
CAP	CB	629				
CAP	LOCAL	126				
Fiscal Year Total		3,772	0	0	0	0
			Total FY 03-06 Cost		3,772	

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## Transit Program

**SEPTA**

MPMS# 59966

*Capital Asset Lease Program*

TIP# S008

Acquisition of Equipment/Corridor Access

AQ Code X

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, 30-foot buses, the Trent tower, 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
		FY 2003	FY 2004	FY 2005	FY 2006	
CAL	ACT26	30,548				
CAL	LOCAL	1,052				
CAL	ACT26		24,806			
CAL	LOCAL		855			
CAL	ACT26			25,777		
CAL	LOCAL			888		
CAL	ACT26				26,604	
CAL	LOCAL				916	
CAL	ACT26					55,996
CAL	LOCAL					1,929
Fiscal Year Total		<b>31,600</b>	<b>25,661</b>	<b>26,665</b>	<b>27,520</b>	<b>57,925</b>
			<b>Total FY 03-06 Cost</b>		<b>111,446</b>	

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## Transit Program

### SEPTA

MPMS# 59973      **Utility Fleet Renewal Program**  
 TIP# S011      Replacement of Non Revenue Vehicles  
                          To Support Transit and RR Operations

AQ Code X

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
		FY 2003	FY 2004	FY 2005	FY 2006	
CAP	5307	2,400				
CAP	CB	500				
CAP	LOCAL	100				
CAP	5307		2,400			
CAP	CB		500			
CAP	LOCAL		100			
CAP	5307			2,400		
CAP	CB			500		
CAP	LOCAL			100		
CAP	5307				2,400	
CAP	CB				500	
CAP	LOCAL				200	
CAP	5307					4,800
CAP	CB					1,000
CAP	LOCAL					200
Fiscal Year Total		<b>3,000</b>	<b>3,000</b>	<b>3,000</b>	<b>3,100</b>	<b>6,000</b>
			<b>Total FY 03-06 Cost</b>		<b>12,100</b>	

# DVRPC FY 2003-2006 TIP for PA

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## Transit Program

**SEPTA**

MPMS# 60255

*State of Good Repair Initiatives*

TIP# S012

Transit and Railroad Facilities

AQ Code X

This program is designed to bring transit and railroad facilities to a state of good repair. Projects include:

1) Maintenance/Support Facilities – Rehab shops, maint./storage yards; assoc. maint./support facilities: sprinkler systs, tunnel lighting, duct banks, vehicle maintenance equip, other support functions. Projects proposed: roof replacement program (Allegheny, Fern Rock, Wayne Junction Shop), replace car washers, replace subway/light rail sump pumps program (Tasker/Morris, South Street, York, Callowhill, Arch). 2) Power Systems – Rehab electric traction/power systs/components: catenary/support structures; feeders/transmission lines, other localized control facilities. 3) Signal/Communications – Rehab. signal systems/selected communic equip: maintenance info systems, dispatching equip, microprocessors, passenger communic. Projects proposed: signal system imps to RRD/light rail systs, public address system imps. 4) Station Facilities - Rehab station buildings/assoc. facilities: roofs and canopies, ticket offices/waiting rooms, platforms, lighting, escalators, elevators, parking, signage/accessibility imps. Proposed projects: Rehab RRD stations - Wayne Junction, R8 Queen Lane, BSS/Light Rail Stations. 5) Bridges – Rehab/replace bridges/private right-of-way: culverts, assoc. bridge support structures. Projects: replace timber Crum Creek Bridge - R3 Media/Elwyn line, replac/rehab RRD bridges: Bridge 5.74 - R2 Warminster Line. 6) Track/ROW – Renew or replace track, switches, and special work: yard and shop areas; track surfacing; grade crossing imps. Projects: rail renewal, replace ties and special track work on BSS, Media-Sharon Hill and RRD lines; install intertrack fencing at RRD stations.

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

**Later FYs**

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CAP	5307	3,610				
CAP	ACT26	9,667				
CAP	CB	753				
CAP	LOCAL	483				
CAP	5307		3,639			
CAP	CB		758			
CAP	ACT26		14,500			
CAP	LOCAL		652			
CAP	5307			8,000		
CAP	CB			1,667		
CAP	ACT26			9,667		
CAP	LOCAL			666		
CAP	5307				8,000	
CAP	CB				1,667	
CAP	ACT26				9,667	
CAP	LOCAL				666	
CAP	5307					16,000
CAP	ACT26					19,335
CAP	CB					3,333
CAP	LOCAL					1,332
Fiscal Year Total		<b>14,513</b>	<b>19,549</b>	<b>20,000</b>	<b>20,000</b>	<b>40,000</b>
			<b>Total FY 03-06 Cost</b>		<b>74,062</b>	

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## Transit Program

**SEPTA**

MPMS# 60271

**Station Accessibility Program**

TIP# S014

Modifications for ADA Compliance

AQ Code X

This project will provide for modifications to improve system access at selected railroad and rail transit stations. In accordance with federal regulations, SEPTA has implemented a key station plan whereby accessible facilities are provided at SEPTA's 42 key rail stations. Regional Rail Stations: R1 (Terminals A/B, C/D, E, University City); R2 (Warminster, Roslyn, Chester Transportation Center, Wilmington); R3 (Media, Morton, Neshaminy Falls, Bethayres, Forest Hills); R5 (Exton, Radnor, Ambler, Pennbrook, Lansdale, Doylestown); R6 (Elm Street, Spring Mill, Ivy Ridge, Bala); R7 (Trenton); R8 (Chestnut Hill West, Queen Lane, Fox Chase); and Temple University and Market East on the Regional Rail Division Main Line. High Speed Stations: 69th Street Terminal, 30th Street, 13th Street, 8th Street, Bridge-Pratt Terminal on the Market-Frankford Line, Cecil B. Moore, Olney, Pattison, and Walnut-Locust on the Broad Street Subway Line. Route 100-NHSL: 69th Street Terminal and Norristown Transportation Center.

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

**Later FYs**

<u>Phase</u>	<u>Fund</u>	<u>FY 2003</u>	<u>FY 2004</u>	<u>FY 2005</u>	<u>FY 2006</u>	
CAP	5307	4,000				
CAP	CB	833				
CAP	LOCAL	167				
CAP	5307		4,000			
CAP	CB		833			
CAP	LOCAL		167			
CAP	5307			4,000		
CAP	CB			833		
CAP	LOCAL			167		
CAP	5307				4,000	
CAP	CB				833	
CAP	LOCAL				167	
CAP	5307					3,200
CAP	CB					667
CAP	LOCAL					133
<b>Fiscal Year Total</b>		<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>4,000</b>
		<b>Total FY 03-06 Cost</b>			<b>20,000</b>	

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## Transit Program

**SEPTA**

MPMS# 60275 *Debt Service*

TIP# S017

AQ Code X

Act 26 funds will provide for debt service and the cost of issuance of bonds, notes and other indebtedness incurred by SEPTA:  
 (1) Payments on Series 1995A and 1995B (Taxable) Bonds, which provided funds for the purchase and renovation of SEPTA's new headquarters at 1234 Market Street and various capital improvement projects.  
 (2) Payments on Special Revenue Bonds, Series 1997, which provided funds for the buyout of Bombardier Rail Cars, General Motor Locomotives and Frazer Rail Car Maintenance Shop leases and various other capital improvements including the Market-Frankford Subway Elevated Car acquisition.  
 (3) Payments on special revenue bonds, series 1999, which provided funds for the acquisition of new Market-Frankford Subway-Elevated cars and various other capital improvements.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
DS	ACT26	31,858				
DS	LOCAL	1,097				
DS	ACT26		28,719			
DS	LOCAL		989			
DS	ACT26			28,721		
DS	LOCAL			989		
DS	ACT26				32,964	
DS	LOCAL				1,136	
DS	ACT26					65,902
DS	LOCAL					2,270
Fiscal Year Total		<b>32,955</b>	<b>29,708</b>	<b>29,710</b>	<b>34,100</b>	<b>68,172</b>
			<b>Total FY 03-06 Cost</b>		<b>126,473</b>	



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## Transit Program

**SEPTA**

MPMS# 60281      *Market St. Elevated Reconstruction Prog.*  
 TIP# S023      45th St. to East of 69th St.  
                     Rehab of Deteriorated Structures  
 AQ Code X      West Phila., Upper Darby, Millbourne

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.

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

**Later FYs**

<u>Phase</u>	<u>Fund</u>	<u>FY 2003</u>	<u>FY 2004</u>	<u>FY 2005</u>	<u>FY 2006</u>	
CAP	5309	40,000				
CAP	CB	8,335				
CAP	LOCAL	1,665				
CAP	5307		17,600			
CAP	5309		38,767			
CAP	CB		11,743			
CAP	LOCAL		2,348			
CAP	5309			40,000		
CAP	CB			8,335		
CAP	LOCAL			1,665		
CAP	5309				12,800	
CAP	CB				2,667	
CAP	LOCAL				533	
<b>Fiscal Year Total</b>		<b>50,000</b>	<b>70,458</b>	<b>50,000</b>	<b>16,000</b>	<b>0</b>
			<b>Total FY 03-06 Cost</b>		<b>186,458</b>	

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## Transit Program

### SEPTA

MPMS# 60286 SEPTA Bus Purchase Program

TIP# S025

Equipment Purchase

AQ Code X

This project provides for the purchase of buses. The new buses will replace buses which are beyond their useful life of twelve years. All buses will fully comply with the Americans with Disabilities Act (ADA) requirements. 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.

The Bus Purchase Program also provides for necessary spare components, tools and equipment required to properly service the buses.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
PUR	5307	10,900				
PUR	CB	2,271				
PUR	LOCAL	454				
PUR	5307		12,531			
PUR	CB		2,611			
PUR	LOCAL		522			
PUR	5307			10,917		
PUR	CB			2,274		
PUR	LOCAL			455		
PUR	5307				10,917	
PUR	CB				2,274	
PUR	LOCAL				455	
PUR	5307					56,000
PUR	CB					11,666
PUR	LOCAL					2,334
Fiscal Year Total		<b>13,625</b>	<b>15,664</b>	<b>13,646</b>	<b>13,646</b>	<b>70,000</b>
			<b>Total FY 03-06 Cost</b>	<b>56,581</b>		

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## Transit Program

### SEPTA

**MPMS# 60292**      **Broad Street Subway**  
 TIP# S028              Signal System  
 AQ Code X              Philadelphia City

This project provides for improvements to the Broad Street Subway Line (BSS) signal system which dates back to 1928. The project will provide for a replacement in-kind of the existing wayside signal system including local wiring, trunk vital signal and power cables, and signal cases. It will also provide for operational and safety enhancements including 1) upgrading remaining electric-mechanical relay-based interlockings with micro-chip processor control technology; 2) allowing for remote control and real-time monitoring of operations from the control center; and 3) reconfiguring track signal circuit control lines for additional braking distance protection to enhance safety operations. The improvements included in this replacement in kind option will provide a safe, reliable signal system for the Broad Street Subway operation.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CAP	5309	12,800				
CAP	CB	2,667				
CAP	LOCAL	533				
CAP	5309		10,722			
CAP	CB		2,234			
CAP	LOCAL		446			
Fiscal Year Total		<b>16,000</b>	<b>13,402</b>	<b>0</b>	<b>0</b>	<b>0</b>
		<b>Total FY 03-06 Cost</b>			<b>29,402</b>	

**MPMS# 60313**      **Cross County Metro**  
 TIP# S031              Glenloch to Morrisville  
 AQ Code X              Inter-Suburban Passenger Line

The Cross County Metro will provide circumferential transit service from the vicinity of Morrisville, Bucks County to Glenloch, Chester County, traversing Montgomery County. This line is intended to fill a key missing link in the provision of public transportation service in southeastern Pennsylvania by providing for inter- and intra-suburban trips to shopping, industrial/office and residential concentrations. At the same time, the Cross County Metro will facilitate intermodal connections to SEPTA's existing, radial commuter rail and transit services; potential park and ride lots located along the Pennsylvania Turnpike and US Route 202; as well as feeder bus service between the proposed stations and nearby development concentrations. These connections and intermodal opportunities will enhance the regional mobility choices of Suburban and City residents.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
PE	5309-N	1,981				
PE	CB	413				
PE	LOCAL	82				
Fiscal Year Total		<b>2,476</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
		<b>Total FY 03-06 Cost</b>			<b>2,476</b>	

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## Transit Program

### SEPTA

MPMS# 60317 *Federal Preventative Maintenance*  
 TIP# S032 Systemwide  
 AQ Code X

This project provides for federal operating assistance and preventive maintenance expenses pertaining to activities performed on vehicles and facilities.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
OP	5307	29,000				
OP	LOCAL	1,207				
OP	SEPTA	6,043				
OP	5307		29,606			
OP	LOCAL		1,233			
OP	SEPTA		6,168			
OP	5307			30,000		
OP	LOCAL			1,249		
OP	SEPTA			6,251		
OP	5307				31,000	
OP	LOCAL				1,290	
OP	SEPTA				6,460	
Fiscal Year Total		<b>36,250</b>	<b>37,007</b>	<b>37,500</b>	<b>38,750</b>	0
		<b>Total FY 03-06 Cost</b>			<b>149,507</b>	

MPMS# 60326 *Frankford Transportation Center*  
 TIP# S033 At Bridge-Pratt Terminal  
 Reconstruction  
 AQ Code 20150 Northeast Phila.

This project provides for the construction of a new transportation center at the Bridge-Pratt Terminal and the realignment and reconstruction of the elevated structure between Dyre Avenue and Bridge Street. The construction of the Frankford Transportation Center will consolidate the Market Frankford Line and surface route operations and commuter parking into one concentrated area. Pedestrian and vehicle traffic, and transit movements will be integrated to minimize movement conflicts and facilitate passenger access and transfer activities. Major construction elements of this project include: 1) a new terminal building complex, the rehabilitation of the historically significant Bridge-Pratt Terminal, and the reconfiguration of the bus berths and access lanes; 2) modification and reconfiguration of the Frankford Bus Depot; 3) construction of the Pratt Street building, which will house the train control room for the Market-Frankford Automated Train Control Project; 4) construction of a new elevated guideway structure from Dyre Street to the Bridge Street Train Yard; 5) installation of track, signals, traction power and communications system; 6) reconfiguration of the Trackless Trolley Storage Yard; and 7) construction of a parking garage and a pedestrian bridge over Bridge Street.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
CAP	5307	31,603				
CAP	CB	6,585				
CAP	LOCAL	1,316				
CAP	5307		13,203			
CAP	CB		2,751			
CAP	LOCAL		550			
Fiscal Year Total		<b>39,504</b>	<b>16,504</b>	<b>0</b>	<b>0</b>	0
		<b>Total FY 03-06 Cost</b>			<b>56,008</b>	

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## Transit Program

### SEPTA

**MPMS# 60335**      **City Hall Station**  
 TIP# S052            On Broad Street Subway Line  
                          Rehabilitation  
 AQ Code X            Philadelphia City

This project will provide for the rehabilitation of City Hall Station on the Broad Street Subway Line. The objectives of the rehabilitation project are to enhance user-friendliness, safety and security for passengers, provide station accessibility in compliance with ADA requirements, and repair the physical deterioration that has occurred since the station opened in 1928. The base project scope includes essential finishes, fare line and station entrance modifications, lighting, passenger wayfinding and information, public amenities, accessibility improvements of the concourse and at the platform levels for people with mobility impairments, and public art. It also includes limited structural and water leak repairs, relocation of existing utilities, new utility services, and HVAC, plumbing, electrical, and life safety improvements.

Engineering phase is funded and underway. Inclusion of construction funds for this project will be re-evaluated as part of the FY2005 TIP development.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
CAP	5307					38,000
CAP	CB					7,918
CAP	LOCAL					1,582
Fiscal Year Total		0	0	0	0	47,500
		<b>Total FY 03-06 Cost</b>				<b>0</b>

**MPMS# 60353**      **30th Street to Suburban Station**  
 TIP# S054            Bridge Repair  
 AQ Code X

This project provides for the rehabilitation of the section of SEPTA's Regional Rail Mainline between 30th Street Station and Suburban Station at 16th and John F. Kennedy Blvd. This one mile long segment of infrastructure is located in the Center City zone of Philadelphia. Originally constructed in 1929 by the Pennsylvania Railroad, this portion of the commuter rail system supports all of SEPTA's commuter rail routes. Every weekday, more than 500 trains traverse this segment of infrastructure.

The scope of work consists of the rehabilitation of seven bridges: (1) over 21st St., (2) over 22nd St., (3) over 22nd and 23rd Sts., (4) over 23rd St., (5) between 23rd St. and the CSX Railroad right-of-way, (6) over CSX right-of-way, and (7) over the Schuylkill River.

The catenary improvements phase has been funded. The bridge improvement phase will commence upon completion of the catenary improvements and the Wayne Junction to Glenside Track and Signal Improvements project (MPMS# 59941).

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
CAP	5309					53,336
CAP	CB					11,114
CAP	LOCAL					2,220
Fiscal Year Total		0	0	0	0	66,670
		<b>Total FY 03-06 Cost</b>				<b>0</b>

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## Transit Program

### SEPTA

**MPMS# 60512**      **Market-Frankford Automatic Train Control**  
 TIP# S055      Purchase and Installation of  
                          Automatic Train Control Signal System  
 AQ Code X      Philadelphia City, Upper Darby, Millbourne

This project provides for the construction of an automatic train control (ATC) signal system for the Market-Frankford Subway-Elevated (MFSE) Line to replace the existing system which is obsolete. The ATC system will be state-of-the-art and enable central control of all interlockings, track switches, and train movements. The system will also provide train overspeed protection with automatic braking, as well as bi-directional train movements with full signaling. The ATC system will enable service on this line to be more reliable and flexible and to be operated with enhanced safety features.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
CAP	5309	15,434				
CAP	CB	3,216				
CAP	LOCAL	643				
Fiscal Year Total		<b>19,293</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
		<b>Total FY 03-06 Cost</b>				<b>19,293</b>

**MPMS# 60540**      **Rail Stations and Parking Program**  
 TIP# S060      Systemwide  
                          Station and Parking Facility Improvement  
 AQ Code X

This project provides for the rehabilitation of rail stations including parking, signage, lighting, station facilities and parking expansion. In total, there are 280 stations and 137 parking facilities which are maintained by SEPTA. While capital improvements to stations and expansion of parking facilities have been made in the past, this program will establish an annual plan to improve stations and parking facilities. As part of this plan, SEPTA will aggressively pursue opportunities to expand parking availability in the five-county service area. Currently, there are 50 regional rail stations where parking facilities are 95 to 100 percent filled on a daily basis. Prior funding for parking expansion projects will resolve some of these parking limitations, but many more locations need to be addressed. By providing additional parking, SEPTA will be better able to attract new rail commuters, thus increasing the Authority's operating revenue and further assisting in the mitigation of traffic congestion and air pollution for the region.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
CAP	ACT26	2,997				
CAP	LOCAL	103				
CAP	ACT26		2,997			
CAP	LOCAL		103			
CAP	ACT26			2,997		
CAP	LOCAL			103		
CAP	ACT26				2,997	
CAP	LOCAL				103	
CAP	ACT26					5,994
CAP	LOCAL					206
Fiscal Year Total		<b>3,100</b>	<b>3,100</b>	<b>3,100</b>	<b>3,100</b>	<b>6,200</b>
		<b>Total FY 03-06 Cost</b>				<b>12,400</b>

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## Transit Program

### SEPTA

**MPMS# 60553**      **Suburban Station Transit Improvements**  
 TIP# S062              Center City Philadelphia  
                                  Concourse and Platform Improvements  
 AQ Code X              Central Phila.

This project provides for the renovation of the Suburban Station concourse and public transportation areas, including, but not limited to, asbestos removal; flooring; lighting and finishes; necessary mechanical, electrical, and structural work; and life safety improvements. This project also includes improvements to the station for accessibility and heating and air conditioning upgrades; passenger amenities such as directional signage, a train information display system, improved rest rooms, and ticket vending machines; and facilities for operations personnel.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
CAP	5307	313				
CAP	5309	4,487				
CAP	CB	1,000				
CAP	LOCAL	200				
CAP	5309		6,906			
CAP	CB		1,439			
CAP	LOCAL		287			
Fiscal Year Total		<b>6,000</b>	<b>8,632</b>	<b>0</b>	<b>0</b>	<b>0</b>
		<b>Total FY 03-06 Cost</b>			<b>14,632</b>	

**MPMS# 60555**      **Broad Street Subway Station Improvements**  
 TIP# S070              Walnut-Locust, Girard  
                                  and Spring Garden  
 AQ Code X              Philadelphia City

This project will provide for the engineering and construction of improvements to three stations on the Broad Street Subway Line. The stations to be improved are: Girard, Spring Garden, and Walnut-Locust on the Broad Street Line. These stations were originally constructed between 1928 and 1932 and are showing signs of disrepair and deterioration due to their age and use.

Station elements to be improved by this project include lighting; wall, floor and ceiling finishes; passenger amenities; signage; passenger control and cashier facilities; platform tactile warning strips; audio-visual public address system; and the installation of elevators. Materials installed at these stations will be easy to maintain, have a long life expectancy, and possess vandal resistant qualities. These improvements will convert the three stations into modern, attractive, well-illuminated, functional and secure transit facilities.

Construction for Walnut-Locust and engineering of Girard and Spring Garden Stations has been funded. This project will be re-evaluated as part of the FY2005 TIP development.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
CAP	5309					16,978
CAP	CB					3,538
CAP	LOCAL					707
Fiscal Year Total		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>21,223</b>
		<b>Total FY 03-06 Cost</b>			<b>0</b>	

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## Transit Program

### SEPTA

**MPMS# 60556**      **Eastwick Transportation Center**  
 TIP# S071            In Vicinity of Bartram Ave. and 84th St.  
                           New R-1 Station  
 AQ Code 2005M      Philadelphia City

This project will provide for the engineering and construction of a new transportation center and parking facility on the Regional Rail R1-Airport Line. The new Eastwick rail station will serve as a transit hub for the Eastwick and Airport areas. Surface transit routes, which will service the station, include the Route 37, Route 68, Route 108, and Route 305. These routes will circulate through employment areas both east and west of the airport.

A Phase I station at Bartram Avenue and 84th Street opened in December, 1997. The opening of this station coincided with the opening of the PNC Bank Operations Center. Conceptual engineering is being conducted to determine how the station should be developed into a multi-modal transportation center. As part of this effort, a needs-assessment and conceptual design study began in November, 1999 to quantify ridership demand and to obtain information on present and future joint development in the Eastwick vicinity, travel patterns, employment and residential development. This effort will also evaluate the merits of extending the Route 36 trolley line to the transportation center.

Initial improvements funded in 1997. Additional improvements to be evaluated for funding after FY2006.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
CAP	ACT3					6,985
CAP	LOCAL					241
Fiscal Year Total		0	0	0	0	7,226
		<b>Total FY 03-06 Cost</b>			0	

**MPMS# 60557**      **Strategic Business Plan/**  
 TIP# S072            System Improvements  
 AQ Code X

This project will provide for the development, design and implementation of system improvements within the five county area and other selected projects that have been designated in SEPTA's Five Year Plan for Strategic Change. In SEPTA's Five Year Plan, 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.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
CAP	ACT3	4,833				
CAP	LOCAL	167				
CAP	ACT26		3,867			
CAP	LOCAL		133			
CAP	ACT26			4,833		
CAP	LOCAL			167		
CAP	ACT26				4,833	
CAP	LOCAL				167	
Fiscal Year Total		5,000	4,000	5,000	5,000	0
		<b>Total FY 03-06 Cost</b>			19,000	



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## Transit Program

### SEPTA

MPMS# 60565 *Schuylkill Valley Metro*

TIP# S074

AQ Code 2015M

The proposed Schuylkill Valley Metro Line Corridor is approximately 62 miles long from the central business district of the City of Philadelphia through Montgomery and Chester Counties to the City of Reading and the Borough of Wyomissing in Berks County, Pennsylvania. The Board of Directors of SEPTA and BARTA have selected MetroRail as the Locally Preferred Alternative for the Schuylkill Valley Metro Project. MetroRail is an innovative approach that combines the speed, capacity and safety of commuter rail, with the operating efficiency, rider convenience and economy of light rail. MetroRail will use high level platforms at all stations, as well as subway-type quarter point doors, making boarding easier and faster for everyone. Because it will be accessible by wheelchair at every station, this transportation system will be available to persons with disabilities. The total estimated cost of the MetroRail project will be developed during the engineering phase.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
PE	GEN	2,000				
PE	5309-N	27,669				
PE	CB	4,753				
PE	LOCAL	1,153				
PE	5309-N		8,000			
PE	CB		1,667			
PE	LOCAL		333			
Fiscal Year Total		<b>35,575</b>	<b>10,000</b>	<b>0</b>	<b>0</b>	<b>0</b>
			<b>Total FY 03-06 Cost</b>		<b>45,575</b>	

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## Transit Program

### SEPTA

**MPMS# 60571**      **Environmental Cleanup**  
 TIP# S077              and Protection Program  
 AQ Code X

The Environmental Clean Up and Protection Program provides for the removal of PCBs and asbestos in shops, garages, buildings, and substations. SEPTA has advanced the following project elements through this program: PCB Transformer Retrofill Program, Transformer Room Modernization Program, Underground Storage Tank Removal/Modernization Program, Paoli Shop and Yard Cleanup Program, and Lead Paint/Asbestos Abatement Program.

Additional elements will consist of environmental cleanup at locations within SEPTA's City Transit, Suburban Transit, and Regional Rail Divisions, as well as locations where SEPTA has been assigned a portion of the cleanup costs by government agencies.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
CAP	ACT3	2,417				
CAP	LOCAL	83				
CAP	ACT26		2,417			
CAP	LOCAL		83			
CAP	ACT26			2,417		
CAP	LOCAL			83		
CAP	ACT26				2,417	
CAP	LOCAL				83	
CAP	ACT26					19,334
CAP	LOCAL					666
Fiscal Year Total		<b>2,500</b>	<b>2,500</b>	<b>2,500</b>	<b>2,500</b>	<b>20,000</b>
		<b>Total FY 03-06 Cost</b>			<b>10,000</b>	

**MPMS# 60574**      **Paoli Transportation Center**  
 TIP# S080  
 AQ Code 20050

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 stop outside of Center City. The project includes the construction of bus facilities, new commuter parking facilities, reconfiguration of access roads and entrances to the station, construction of new pedestrian linkages throughout the station area, construction of a new intermodal station facility west of the current location including, but not limited to, waiting area, ticket offices, passenger amenities, and accessibility improvements.

Engineering has been previously funded. Land acquisition and construction funding is required in the period after FY2006. The highway components of this project are programmed in the Chester County section under MPMS #47979.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
CAP	5309					12,426
CAP	CB					2,589
CAP	LOCAL					518
Fiscal Year Total		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>15,533</b>
		<b>Total FY 03-06 Cost</b>			<b>0</b>	

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## Transit Program

### SEPTA

MPMS# 60582 *Vehicle Overhaul Program*

TIP# S083

AQ Code X

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.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
CAP	CB	26,995				
CAP	LOCAL	2,667				
CAP	SEPTA	13,038				
CAP	CB		29,577			
CAP	LOCAL		2,667			
CAP	SEPTA		12,756			
CAP	CB			31,650		
CAP	LOCAL			2,667		
CAP	SEPTA			12,683		
CAP	CB				32,376	
CAP	LOCAL				2,667	
CAP	SEPTA				11,957	
CAP	CB					88,666
CAP	LOCAL					5,334
Fiscal Year Total		<b>42,700</b>	<b>45,000</b>	<b>47,000</b>	<b>47,000</b>	<b>94,000</b>
			<b>Total FY 03-06 Cost</b>		<b>181,700</b>	

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## Transit Program

### SEPTA

MPMS# 60585 *Infrastructure Safety Renewal Program*

TIP# S084

AQ Code X

This program provides for the renovation, rehabilitation, or replacement of infrastructure and associated components of SEPTA's transit and railroad system. Areas of focus are track and right-of-way, station facilities, signal systems, maintenance/support facilities, power systems, and bridges.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
CAP	CB	16,627				
CAP	LOCAL	3,334				
CAP	SEPTA	13,039				
CAP	CB		16,908			
CAP	LOCAL		3,334			
CAP	SEPTA		12,758			
CAP	CB			16,984		
CAP	LOCAL			3,334		
CAP	SEPTA			12,682		
CAP	CB				17,709	
CAP	LOCAL				3,334	
CAP	SEPTA				11,957	
CAP	CB					6,668
CAP	LOCAL					59,332
Fiscal Year Total		<b>33,000</b>	<b>33,000</b>	<b>33,000</b>	<b>33,000</b>	<b>66,000</b>
			<b>Total FY 03-06 Cost</b>		<b>132,000</b>	

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## Transit Program

### SEPTA

MPMS# 60599 *Paratransit Vehicle Purchase*

TIP# S085

AQ Code X

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.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
PUR	5309	492				
PUR	ACT26	4,833				
PUR	CB	103				
PUR	LOCAL	186				
PUR	CB		103			
PUR	ACT26		4,833			
PUR	LOCAL		186			
PUR	ACT26			4,833		
PUR	LOCAL			167		
PUR	ACT26				4,833	
PUR	LOCAL				167	
PUR	ACT26					9,667
PUR	LOCAL					333
Fiscal Year Total		5,614	5,122	5,000	5,000	10,000
		Total FY 03-06 Cost			20,736	

MPMS# 60611 *Fare Collection System Upgrade*

TIP# S087

AQ Code X

This project provides for the modernization and automation of SEPTA's fare collection process.  
Project to be re-evaluated as part of the FY2005 TIP development.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
CAP	ACT3					72,502
CAP	LOCAL					2,498
Fiscal Year Total		0	0	0	0	75,000
		Total FY 03-06 Cost			0	

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## Transit Program

### SEPTA

MPMS# 60615 *Silverliner IV Propulsion System Upgrade*

TIP# S088

AQ Code X

This project provides for the design, purchase, and installation of propulsion system upgrades for all of SEPTA's 231 twenty-four year old Silverliner IV regional rail cars in order to increase reliability, availability, and maintainability. Diagnostics to aid in trouble shooting and repair will also be part of this new system.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
CAP	5309			2,600		
CAP	CB			542		
CAP	LOCAL			108		
CAP	5307				2,600	
CAP	CB				542	
CAP	LOCAL				108	
CAP	5309					6,781
CAP	CB					1,413
CAP	LOCAL					282
Fiscal Year Total		0	0	3,250	3,250	8,476
			Total FY 03-06 Cost		6,500	

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## Transit Program

**SEPTA**

MPMS# 60619 *Transit Enhancements*

TIP# S090

AQ Code X

As a provision of TEA-21, one percent of Section 9 formula funds distributed to SEPTA must be spent on transit enhancements. 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.

Generally projects are selected every other year by DVRPC based on recommendations from an advisory committee. In the 2002 round of Transportation Enhancements, the following three projects were selected for funding:

Kensington Depot Walkway - \$675,000 TE, SEPTA

Allen Lane Station - \$600,000 TE, SEPTA

Bike Racks for Buses - \$725,000 TE, SEPTA

### TIP Program Years (\$ 000)

### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CAP	TTE	2,565				
CAP	CB	534				
CAP	LOCAL	107				
CAP	TTE		1,838			
CAP	CB		383			
CAP	LOCAL		77			
CAP	TTE			900		
CAP	CB			188		
CAP	LOCAL			37		
CAP	TTE				900	
CAP	CB				188	
CAP	LOCAL				37	
CAP	TTE					2,040
CAP	CB					425
CAP	LOCAL					85
Fiscal Year Total		<b>3,206</b>	<b>2,298</b>	<b>1,125</b>	<b>1,125</b>	<b>2,550</b>
			<b>Total FY 03-06 Cost</b>		<b>7,754</b>	

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## Transit Program

### SEPTA

**MPMS# 60629**      *Job Access and Reverse Commute*  
 TIP# S093              Transportation Program  
 AQ Code 2005O

This program is intended to support transportation services to connect welfare recipients and other transit dependents to jobs and related employment activities.

An additional \$60,000 of FY 2002 JARC funds (not reflected below) was made available to the DVRPC region in June 2003.

		TIP Program Years (\$ 000)				Later FYs
Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
OP	JARC	12,415				
OP	DPW	12,415				
Fiscal Year Total		<b>24,830</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
		<b>Total FY 03-06 Cost</b>			<b>24,830</b>	

**MPMS# 60636**      *Elwyn to Wawa Rail Improvements*  
 TIP# S094  
 AQ Code 2005M

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 between Lenni and Wawa, new signals, communications, structures, and construction of stations and parking facilities. Two stations are proposed: Wawa and Glen Riddle.

Engineering has been funded and is expected to be completed in the Fall 2006. The engineering phase includes preliminary engineering, environmental impact analysis and final engineering.

		TIP Program Years (\$ 000)				Later FYs
Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CAP	5307					39,358
CAP	CB					8,201
CAP	LOCAL					1,638
Fiscal Year Total		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>49,197</b>
		<b>Total FY 03-06 Cost</b>			<b>0</b>	



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## Transit Program

### SEPTA

MPMS# 60638 *Regional Rail Car Acquisition*

TIP# S096

AQ Code X

This project provides for the acquisition of approximately 100 new rail cars for SEPTA's Regional Rail service. These cars will replace existing Silverliner II and III rail cars, which are currently 35 to 39 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. The total number of vehicles will be determined in the planning and design process of the project. Vehicles acquired through this project will include current technology and proven components, along with passenger amenities, to ensure overall safety, security and passenger comfort. All vehicles will comply with Americans With Disabilities Act requirements.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
CAP	5309	16,000				
CAP	CB	3,334				
CAP	LOCAL	666				
CAP	5309		19,285			
CAP	CB		4,018			
CAP	LOCAL		803			
CAP	5309			39,670		
CAP	CB			8,266		
CAP	LOCAL			1,651		
CAP	5309				71,417	
CAP	CB				14,881	
CAP	LOCAL				2,973	
CAP	5309					78,339
CAP	CB					16,324
CAP	LOCAL					3,261
Fiscal Year Total		<b>20,000</b>	<b>24,106</b>	<b>49,587</b>	<b>89,271</b>	<b>97,924</b>
			<b>Total FY 03-06 Cost</b>		<b>182,964</b>	

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## Transit Program

### SEPTA

MPMS# 60642 *Trackless Trolley Acquisition*

TIP# S097

AQ Code X

This project provides for the acquisition of approximately 55 to 60 trackless trolleys to replace SEPTA's existing trackless trolley fleet. This fleet is more than 20 years old. The trackless trolley fleet operates out of SEPTA's Frankford and Southern garages serving Routes 29, 59, 66, 75, and 79. Vehicles acquired through this project will incorporate current technology and proven components, along with passenger amenities, including a public address system and audio/visual annunciating system. All vehicles will fully comply with the Americans With Disabilities Act requirements.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
CAP	5309		990			
CAP	CB		206			
CAP	LOCAL		41			
CAP	5307					34,610
CAP	CB					7,212
CAP	LOCAL					1,441
Fiscal Year Total		0	1,237	0	0	43,263
			Total FY 03-06 Cost		1,237	

MPMS# 60649 *Escalator/Elevator Replacement Program*

TIP# S098

AQ Code X

Philadelphia

This project provides for the replacement and/or modernization of escalators and the modernization of elevators at SEPTA's rail transit and regional rail stations. Currently there are 44 escalators and 51 elevators within the SEPTA system.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
CAP	ACT26	5,849				
CAP	LOCAL	201				
CAP	ACT26		4,350			
CAP	LOCAL		150			
CAP	ACT26			3,867		
CAP	LOCAL			133		
CAP	ACT26				3,867	
CAP	LOCAL				133	
CAP	ACT26					1,933
CAP	LOCAL					67
Fiscal Year Total		6,050	4,500	4,000	4,000	2,000
			Total FY 03-06 Cost		18,550	

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## Transit Program

### SEPTA

MPMS# 60651 *Regional Rail Substation Imp. Program*

TIP# S099

AQ Code X

This project 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 16 substations.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
CAP	5307			8,000		
CAP	CB			1,667		
CAP	LOCAL			333		
CAP	5307					177,200
CAP	CB					36,924
CAP	LOCAL					7,376
Fiscal Year Total		0	0	10,000	0	221,500
		Total FY 03-06 Cost			10,000	

MPMS# 60652 *Callowhill Bus Garage Replacement*

TIP# S100

AQ Code X

This project provides for the replacement of the Callowhill Garage (c. 1913) which is located at 59th Street and Callowhill Street. The new facility will also include a new light rail shop and storage yard. Bus routes served by the existing garage are 21, 30, 31, 38, 40, 42, 43, 44, 46, 52, 63, 64, 65, 76, 121, G, and the Market Frankford Owl Service. Light Rail Routes 10 and 15 will be served at this facility. A warehouse will be accommodated at this facility.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
CAP	5309-B	3,267				
CAP	CB	681				
CAP	LOCAL	136				
CAP	5307			14,000		
CAP	CB			2,917		
CAP	LOCAL			583		
CAP	5307				24,000	
CAP	CB				5,001	
CAP	LOCAL				999	
CAP	5307					40,289
CAP	CB					8,395
CAP	LOCAL					1,677
Fiscal Year Total		4,084	0	17,500	30,000	50,361
		Total FY 03-06 Cost			51,584	

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## Transit Program

### SEPTA

**MPMS# 60655**      *Intermodal Facility Improvements (B)*  
 TIP# S102              in Bucks County  
 AQ Code 20050

This project provides for the installation of bus shelters, signage, and facility improvements at Croydon and Levittown SEPTA stations. In addition, parking will be expanded at Croydon Station as part of the intermodal improvements.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
CAP	5309-B	2,965				
CAP	CB	618				
CAP	LOCAL	123				
CAP	5309-B		705			
CAP	CB		147			
CAP	LOCAL		29			
Fiscal Year Total		<b>3,706</b>	<b>881</b>	<b>0</b>	<b>0</b>	<b>0</b>
			<b>Total FY 03-06 Cost</b>		<b>4,587</b>	

**MPMS# 60658**      *Intermodal Facility Improvements (M)*  
 TIP# S103              in Montgomery County  
 AQ Code 20050

This project provides for the engineering and construction of a parking garage with bus component at the Norristown Transportation Center in Montgomery County. This project would include the construction of a multi-level parking garage and improved signage.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
CAP	5309-B	990				
CAP	CB	206				
CAP	LOCAL	41				
CAP	5309-B		4,171			
CAP	CB		869			
CAP	LOCAL		174			
Fiscal Year Total		<b>1,237</b>	<b>5,214</b>	<b>0</b>	<b>0</b>	<b>0</b>
			<b>Total FY 03-06 Cost</b>		<b>6,451</b>	

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## Transit Program

### SEPTA

**MPMS# 65340**      **Control Center Centralization**  
 TIP# S105      Surface, Subway/Light Rail, Reg Rail  
 Communications Integration

AQ Code X

This project will provide for the completion of SEPTA's Control Center Centralization Program. SEPTA's surface, subway/light rail and regional rail control centers are located on the 19th floor of SEPTA headquarters at 1234 Market Street. The objective of this project is to relocate, within the 19th floor control center complex, these individual control centers into a logical floor configuration to improve operations. This project will also include the construction of a communications and computer room with integrated communications capability, standardization and upgrading of equipment and reporting systems, and make ready construction for future tie-ins of planned communications and traffic control projects, such as audio/visual public address systems, closed circuit TV systems and automatic vehicle locator systems.

The integration and facility upgrade of SEPTA's control center operations will allow for effective and efficient interchange of critical information, timely response to unscheduled occurrences, on-time performance reporting and the provision of real-time information to passengers.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CAP	5307	2,400				
CAP	CB	500				
CAP	LOCAL	100				
CAP	5307		3,160			
CAP	CB		658			
CAP	LOCAL		132			
Fiscal Year Total		<b>3,000</b>	<b>3,950</b>	<b>0</b>	<b>0</b>	<b>0</b>
			<b>Total FY 03-06 Cost</b>		<b>6,950</b>	

**MPMS# 65612**      **SEPTA Safety and Security Improvements**

TIP# S02  
 AQ Code X      Various

New initiatives to meet federal homeland security requirements in response to the events of September 11, 2001. SEPTA anticipates it may receive an additional \$25 million from special congressional appropriations for Homeland Security on an annual basis, totaling \$100 million for the FY03-FY06 TIP period. If and when these funds become available they will be added to this project.

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

#### Later FYs

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CAP	ACT3	4,833				
CAP	LOCAL	167				
CAP	DHS		3,200			
Fiscal Year Total		<b>5,000</b>	<b>3,200</b>	<b>0</b>	<b>0</b>	<b>0</b>
			<b>Total FY 03-06 Cost</b>		<b>8,200</b>	

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## Transit Program

### SEPTA

**MPMS# 66551**      **Schuylkill Expressway Corridor ITS**

TIP# S104      Routes 124 and 125  
Automatic Vehicle Locators

AQ Code X

This project will expand on the Pilot Automatic Vehicle Locator project (TIP #S081). The intent is to equip an additional 24 buses with AVL devices for use on two Center City to King of Prussia bus routes (124 and 125.) Real time schedule information kiosks will be installed at key passenger waiting areas along these routes.

		TIP Program Years (\$ 000)				Later FYs
Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
PUR	5307	90				
PUR	DEMO	225				
PUR	LOCAL	135				
Fiscal Year Total		450	0	0	0	0
		Total FY 03-06 Cost				450

**MPMS# 67029**      **Bucks County TMA Capital Improvement**

TIP# S108      Equipment Purchase

AQ Code X

On behalf of Bucks County, SEPTA will use an earmark for the Bucks County Transportation Management Association to fund the purchase of four vehicles and associated capital costs for shuttle operations managed by the TMA.

		TIP Program Years (\$ 000)				Later FYs
Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
PUR	DEMO		99			
PUR	LOCAL		25			
Fiscal Year Total		0	124	0	0	0
		Total FY 03-06 Cost				124

**MPMS# 67666**      **Automatic Vehicle Locator- Paratransit**

TIP#      AVL

AQ Code X

This project provides for the installation of automatic vehicle locator devices, using Global Positioning Satellite technology, on SEPTA's paratransit vehicles. The system does not currently have the efficient capability to locate vehicles that are misdirected, stuck in traffic or have broken down, which impacts service efficiency and reliability of SEPTA customers. The vehicle locator devices will interface with the existing system and will improve operations by transmitting the exact location of in-service paratransit vehicles. This will provide real-time information to the control center for quick response to any service disruption.

		TIP Program Years (\$ 000)				Later FYs
Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CAP	ITS-DEMO	855				
CAP	LOCAL	855				
Fiscal Year Total		1,710	0	0	0	0
		Total FY 03-06 Cost				1,710

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## Transit Program

### SEPTA

**MPMS# 68069**      **Phila. Naval Business Center Shuttle Bus**  
 TIP#                      SEPTA Route 17  
                                  Increased Shuttle Service

AQ Code X

As a result of the 2002 DVRPC Competitive CMAQ Program, \$320,000 CMAQ funds is programmed for increased transit service to the Philadelphia Naval Business Center (PNBC) by substituting circulator shuttle service for a portion of existing Route 17 Bus service. The new shuttle will provide more frequent and direct feeder service to and from SEPTA's Broad Street Pattison Ave. Station, with an estimated increase of 300 daily passenger trips.

(CMAQ ID# PA02-013) (See MPMS #48201 for other projects selected as part of the 2002 Competitive Program.)

		<b>TIP Program Years (\$ 000)</b>				<b>Later FYs</b>
<u>Phase</u>	<u>Fund</u>	<u>FY 2003</u>	<u>FY 2004</u>	<u>FY 2005</u>	<u>FY 2006</u>	
OPER	CMAQ		320			
OPER	LOCAL		80			
Fiscal Year Total		0	400	0	0	0
		<b>Total FY 03-06 Cost</b>			<b>400</b>	

**MPMS# 68073**      **Purchase 7 Alternative Fuel Hybrid Buses**  
 TIP#                      7 Buses  
                                  Purchase New Equipment

AQ Code X

As a result of the 2002 DVRPC Competitive CMAQ Program, \$1,451,044 CMAQ funds is programmed for the purchase of seven 40' low floor alternative fuel hybrid (diesel/electric) powered buses to be operated in revenue service by SEPTA throughout the five county service area. These buses are the remaining seven of a planned purchase of 30 hybrid electric buses.

(CMAQ ID# PA02-008) (See MPMS #48201 for other projects selected as part of the 2002 Competitive Program.)

		<b>TIP Program Years (\$ 000)</b>				<b>Later FYs</b>
<u>Phase</u>	<u>Fund</u>	<u>FY 2003</u>	<u>FY 2004</u>	<u>FY 2005</u>	<u>FY 2006</u>	
PUR	CMAQ		1,451			
PUR	5309-B		983			
PUR	CB		507			
PUR	LOCAL		102			
Fiscal Year Total		0	3,043	0	0	0
		<b>Total FY 03-06 Cost</b>			<b>3,043</b>	

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## Transit Program

### SEPTA

**MPMS# 68074**      **SEPTA Emissions Reduction Devices (235)**

TIP#                      235 Buses  
Purchase and Installation of Equipment

AQ Code X

As a result of the 2002 DVRPC Competitive CMAQ Program, \$1,793,520 CMAQ funds is programmed for the purchase and installation of exhaust emission filters on a total of 235 SEPTA buses, including 155 60' articulated buses and 80 30' buses, which operate throughout the five county service area. The diesel particulate filters significantly reduce hydrocarbons, carbon monoxide, and particulate matter from diesel emissions.

(CMAQ ID# PA02-009) (See MPMS #48201 for other projects selected as part of the 2002 Competitive Program.)

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

**Later FYs**

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
PUR	CMAQ		1,794			
PUR	CB		374			
PUR	LOCAL		75			
Fiscal Year Total		0	2,243	0	0	0
		<b>Total FY 03-06 Cost</b>		<b>2,243</b>		

**MPMS# 68600**      **Fort Washington Station Improvements**

TIP# 8804                      SEPTA R5 Lansdale/Doylestown Line  
Parking Expansion

AQ Code X

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

**Later FYs**

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
CON	FLEX	66				
CON	LOCAL	13				
Fiscal Year Total		79	0	0	0	0
		<b>Total FY 03-06 Cost</b>		<b>79</b>		

**MPMS# 69529**      **Operating Budget Relief(Flex)**

TIP#                                      Flex of FHWA Funds to FTA

AQ Code X

This project provides for the transfer of FHWA funds to SEPTA to partially fund the Authority's Fiscal Year 2004 \$41 million Operating Budget Shortfall. These funds will be applied to federal operating assistance and preventative maintenance expenses pertaining to activities performed on bus and rail vehicles and facilities.

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

**Later FYs**

Phase	Fund	FY 2003	FY 2004	FY 2005	FY 2006	
OPER	STP		15,000			
OPER	SEPTA		3,750			
Fiscal Year Total		0	18,750	0	0	0
		<b>Total FY 03-06 Cost</b>		<b>18,750</b>		



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## Transit Program

### SEPTA

MPMS# 70691      **SMART Stations**  
 TIP#                      MF Line, BSS Line, Subway/Surface Lines  
                                  Passenger Safety and Security Improvemen  
 AQ Code X                Various

This project consists of an amalgam of project elements designed to improve passenger safety, security, communications and the station environment. 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.

The SMART Stations program will be implemented in two phases and will encompass all Market-Frankford, Broad Street Subway and Subway/Surface Line stations. Stations included in Phase One of the project are as follows:

- 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, 33rd, 36th, 37th and 40th Street Stations.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2003	FY 2004	FY 2005	FY 2006	
CAP	ACT26		8,100			
CAP	LOCAL		279			
Fiscal Year Total		0	8,379	0	0	0
		<b>Total FY 03-06 Cost</b>			<b>8,379</b>	
<b>Total for SEPTA</b>		<b>479,829</b>	<b>432,632</b>	<b>381,053</b>	<b>381,362</b>	<b>1,150,720</b>
		<b>Total FY 03-06 Cost</b>			<b>1,674,876</b>	